

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005336.D
 Acq On : 15 Oct 2018 11:55
 Operator : JC/MD
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:22:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141694	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.50	113	120639	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	439332	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	160853	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44020	20.81	ug/l	99
3) Chloromethane	1.32	50	59289	19.35	ug/l	98
4) Vinyl Chloride	1.40	62	60310	19.43	ug/l	99
5) Bromomethane	1.64	94	35453	20.57	ug/l	94
6) Chloroethane	1.72	64	39040	20.28	ug/l	99
7) Trichlorofluoromethane	1.93	101	83641	20.19	ug/l	95
8) Diethyl Ether	2.19	74	34855	19.70	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47382	19.81	ug/l	92
10) Methyl Iodide	2.51	142	58072	23.53	ug/l	98
11) Tert butyl alcohol	3.07	59	85561	101.03	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47346	19.98	ug/l	98
13) Acrolein	2.29	56	46561	84.72	ug/l	94
14) Allyl chloride	2.73	41	105112	20.21	ug/l	96
15) Acrylonitrile	3.15	53	181088	94.36	ug/l	98
16) Acetone	2.45	43	162050	93.35	ug/l	96
17) Carbon Disulfide	2.57	76	133171	18.55	ug/l	99
18) Methyl Acetate	2.78	43	96839	19.61	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	176424	21.14	ug/l	97
20) Methylene Chloride	2.85	84	56292	21.51	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	50263	19.14	ug/l	97
22) Diisopropyl ether	3.86	45	173955	19.91	ug/l #	80
23) Vinyl Acetate	3.82	43	741907	97.15	ug/l #	92
24) 1,1-Dichloroethane	3.69	63	96555	19.28	ug/l	95
25) 2-Butanone	4.70	43	241706	95.16	ug/l	91
26) 2,2-Dichloropropane	4.59	77	68806	18.37	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54371	19.05	ug/l	92
28) Bromochloromethane	5.03	49	46289	20.28	ug/l	95
29) Tetrahydrofuran	5.15	42	155135	95.76	ug/l	94
30) Chloroform	5.21	83	93704	20.16	ug/l	99
31) Cyclohexane	5.57	56	77626	18.81	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	79935	19.77	ug/l	100
36) 1,1-Dichloropropene	5.80	75	64686	17.82	ug/l	98
37) Ethyl Acetate	4.85	43	84109	18.02	ug/l	98
38) Carbon Tetrachloride	5.78	117	68733	18.85	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72956	18.57	ug/l	95
40) Benzene	6.13	78	207895	19.10	ug/l	98
41) Methacrylonitrile	5.06	41	45935	18.36	ug/l	99
42) 1,2-Dichloroethane	6.19	62	73108	19.02	ug/l	99
43) Isopropyl Acetate	6.46	43	122723	19.74	ug/l	97
44) Trichloroethene	7.21	130	54986	19.40	ug/l	94
45) 1,2-Dichloropropane	7.52	63	52700	19.73	ug/l	97
46) Dibromomethane	7.66	93	34555	19.60	ug/l	98
47) Bromodichloromethane	7.90	83	65372	20.05	ug/l	97
48) Methyl methacrylate	7.77	41	61887	19.19	ug/l	97
49) 1,4-Dioxane	7.75	88	29471	396.25	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	431991	100.35	ug/l	94
52) Toluene	8.79	92	124534	20.91	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	70532	19.99	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	78960	20.65	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51590	20.45	ug/l	97
56) Ethyl methacrylate	9.18	69	73968	20.11	ug/l	95
57) 1,3-Dichloropropane	9.37	76	85471	20.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211315	102.46	ug/l	96
59) 2-Hexanone	9.49	43	339224	97.96	ug/l	93
60) Dibromochloromethane	9.59	129	53916	20.68	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54084	20.43	ug/l	99
64) Tetrachloroethene	9.34	164	56570	19.96	ug/l	98
65) Chlorobenzene	10.14	112	141922	18.96	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	51327	19.24	ug/l	99
67) Ethyl Benzene	10.26	91	234372	19.26	ug/l	98
68) m/p-Xylenes	10.36	106	183764	38.90	ug/l	95
69) o-Xylene	10.70	106	87457	19.20	ug/l	97
70) Styrene	10.71	104	148079	19.76	ug/l	97
71) Bromoform	10.86	173	44202	18.54	ug/l	99
73) Isopropylbenzene	11.02	105	239530	20.55	ug/l	100
74) N-amyl acetate	10.90	43	106372	18.92	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	82328	18.72	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	78094m	20.53	ug/l	
77) Bromobenzene	11.26	156	67020	20.11	ug/l	98
78) n-propylbenzene	11.36	91	275562	20.54	ug/l	100
79) 2-Chlorotoluene	11.42	91	164454	20.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	203316	20.37	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22786	18.20	ug/l	99
82) 4-Chlorotoluene	11.51	91	192846	19.80	ug/l	100
83) tert-Butylbenzene	11.77	119	202067	19.99	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	208882	20.33	ug/l	99
85) sec-Butylbenzene	11.94	105	243792	20.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	221241	20.46	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121335	19.48	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123434	19.37	ug/l	98
89) n-Butylbenzene	12.39	91	188281	19.18	ug/l	96
90) Hexachloroethane	12.60	117	34770	18.66	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	121677	19.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19621	18.29	ug/l	98

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Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90213	19.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	47523	19.30	ug/l	99
95) Naphthalene	13.83	128	270261	19.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94150	19.73	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

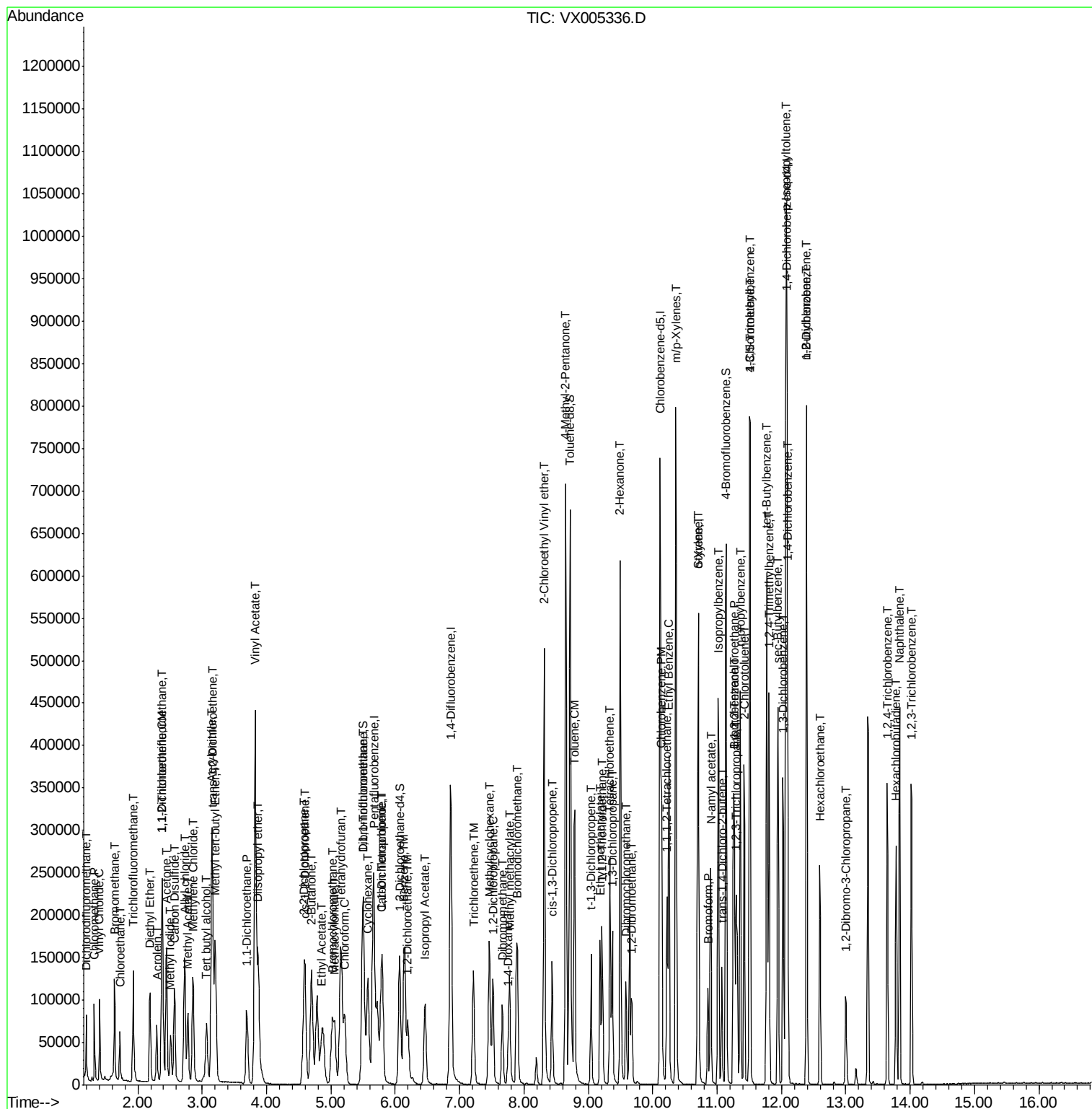
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Data File : VX005336.D
Acq On : 15 Oct 2018 11:55
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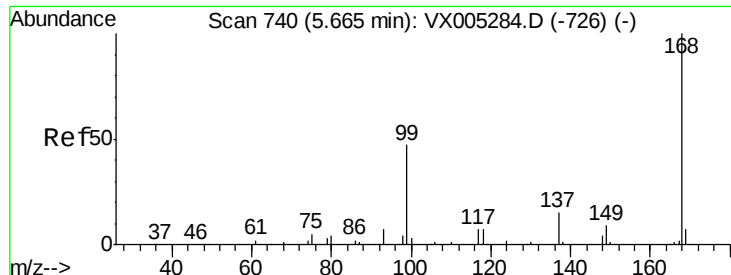
Instrument :
MSVOA_X
Client Sample ID :
VX1015WBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 168 Resp: 270520

Ion Ratio Lower Upper

168 100

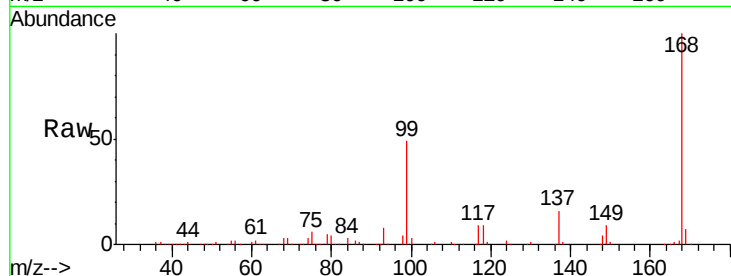
99 49.2 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

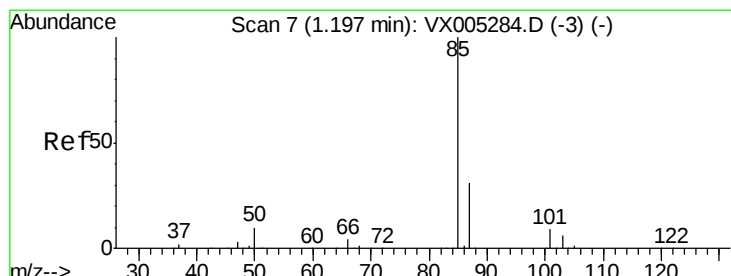
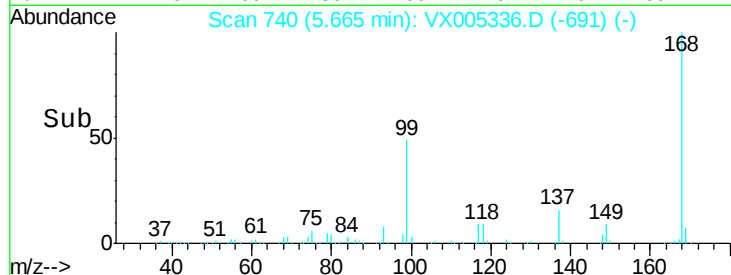
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.81 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005336.D

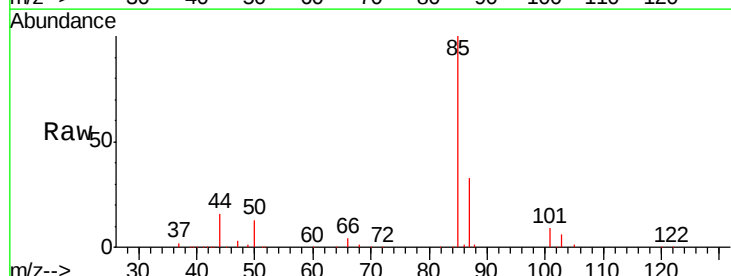
Acq: 15 Oct 2018 11:55

Tgt Ion: 85 Resp: 44020

Ion Ratio Lower Upper

85 100

87 33.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

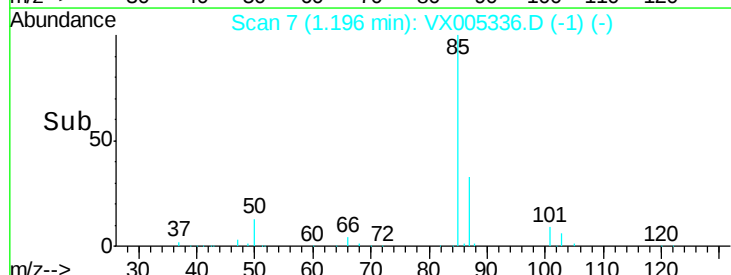
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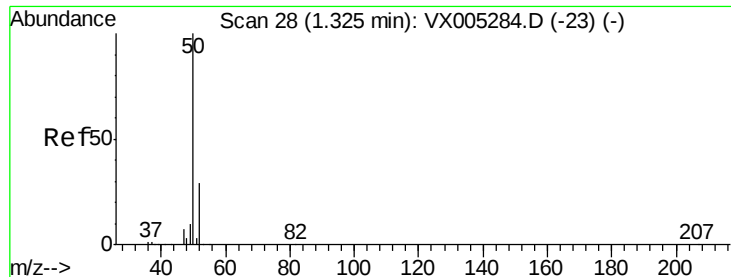
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.35 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 50 Resp: 59289

Ion Ratio Lower Upper

50 100

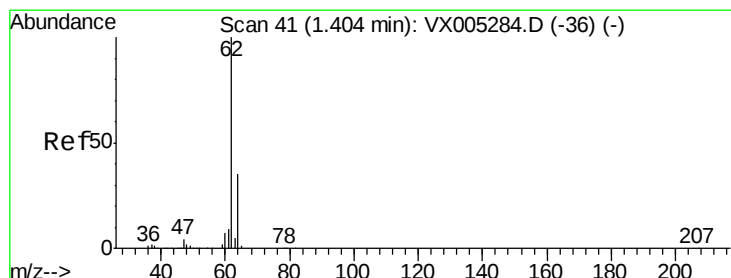
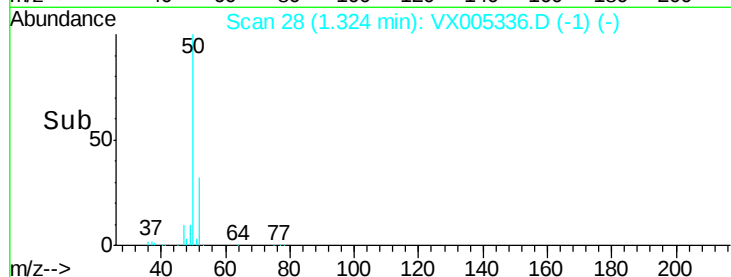
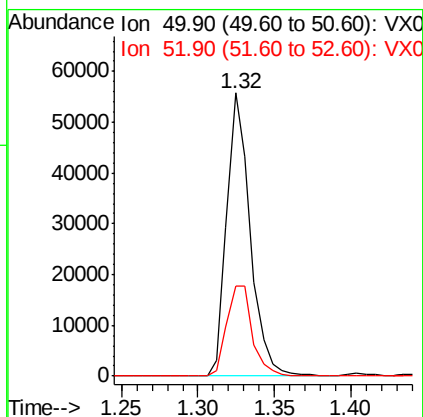
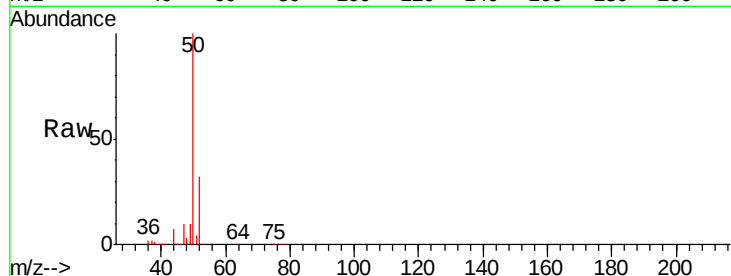
52 31.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.43 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005336.D

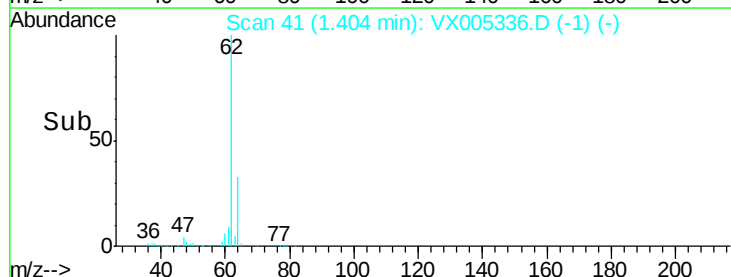
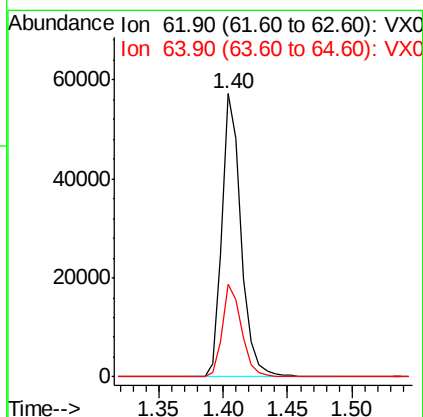
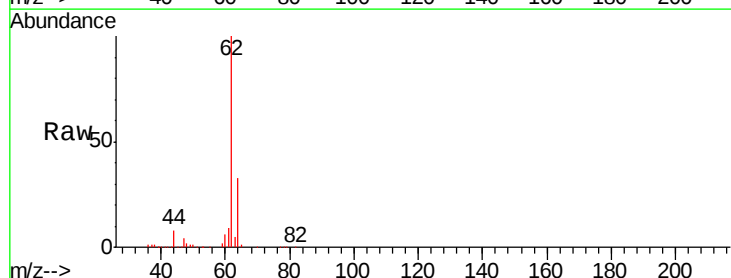
Acq: 15 Oct 2018 11:55

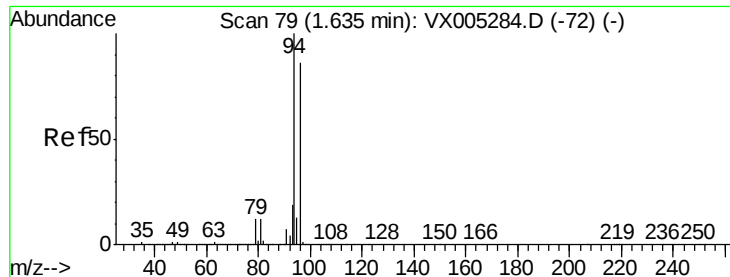
Tgt Ion: 62 Resp: 60310

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8





#5

Bromomethane

Concen: 20.57 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

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ClientSampleId :

VX1015WBSD01

Tgt Ion: 94 Resp: 35453

Ion Ratio Lower Upper

94 100

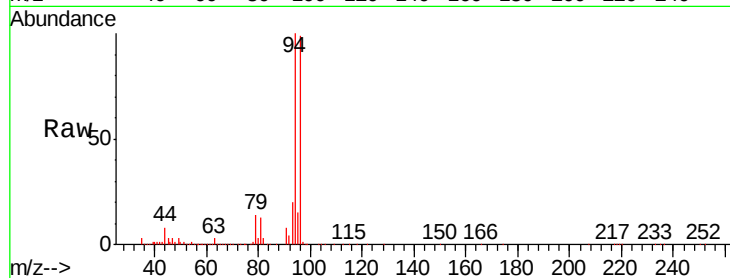
96 99.1 74.5 111.7

Manual Integrations

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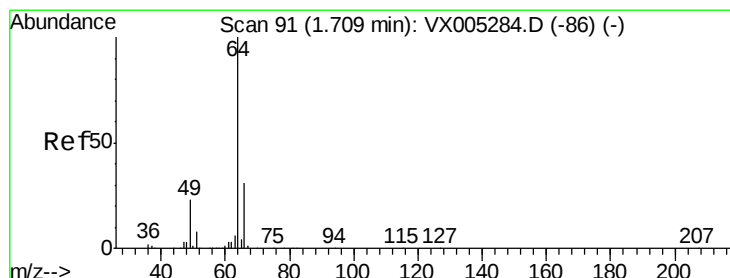
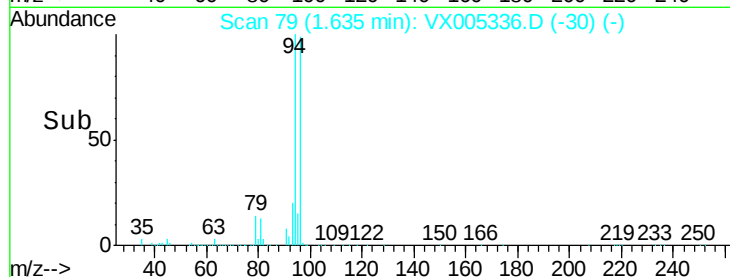
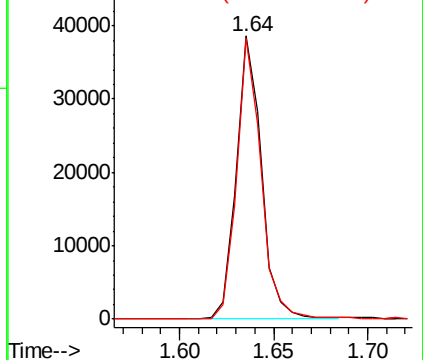
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.28 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005336.D

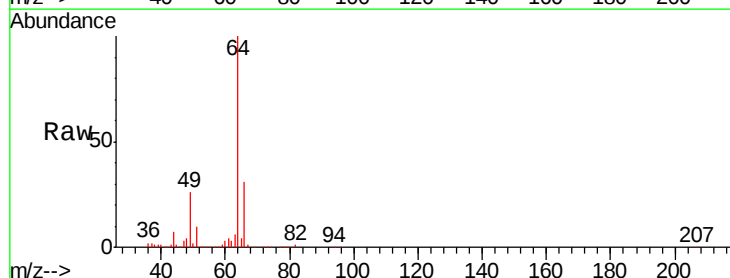
Acq: 15 Oct 2018 11:55

Tgt Ion: 64 Resp: 39040

Ion Ratio Lower Upper

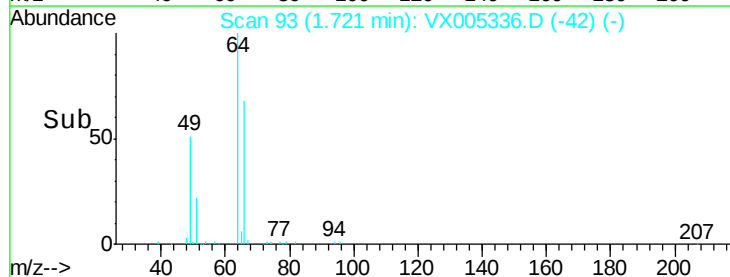
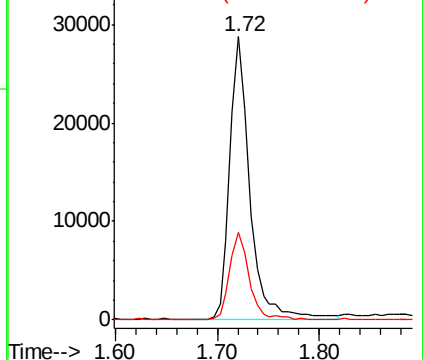
64 100

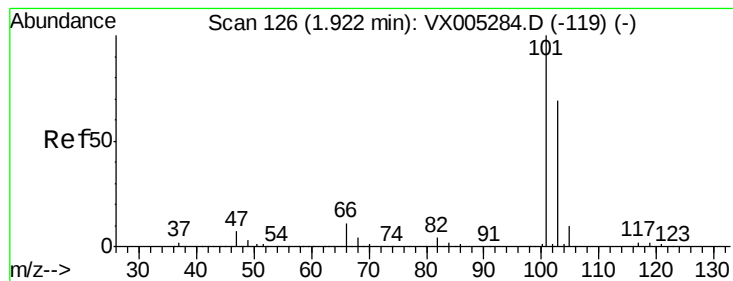
66 31.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

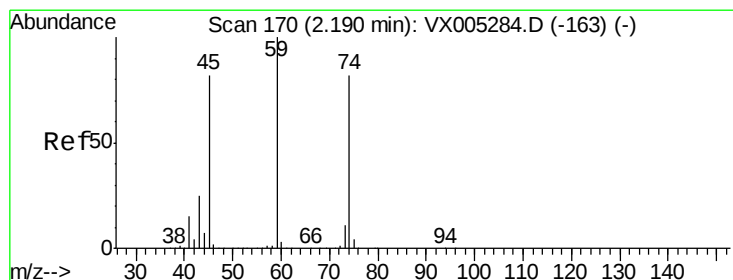
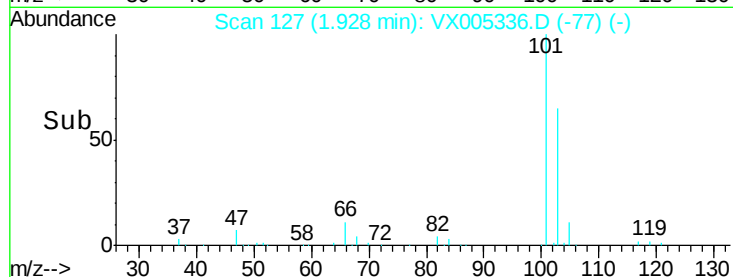
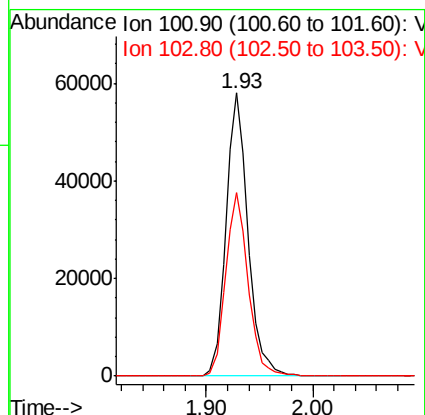
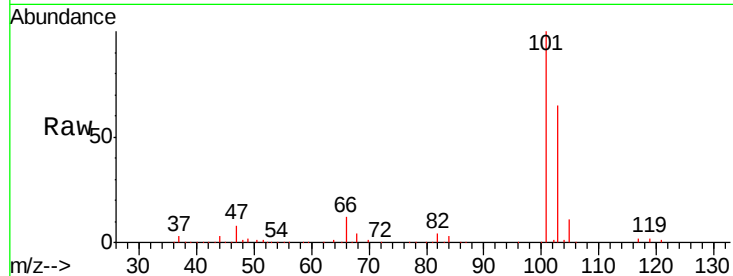
Trichlorofluoromethane
 Concen: 20.19 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion:101 Resp: 83641
 Ion Ratio Lower Upper
 101 100
 103 64.9 48.9 73.3

Manual Integrations
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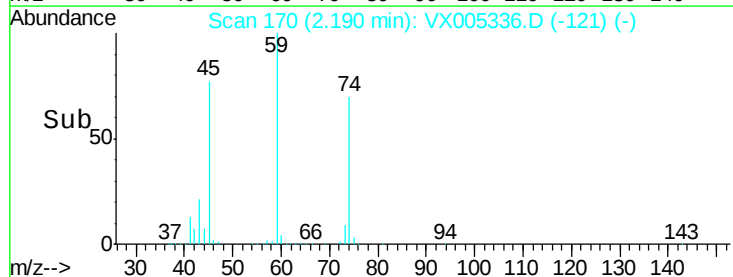
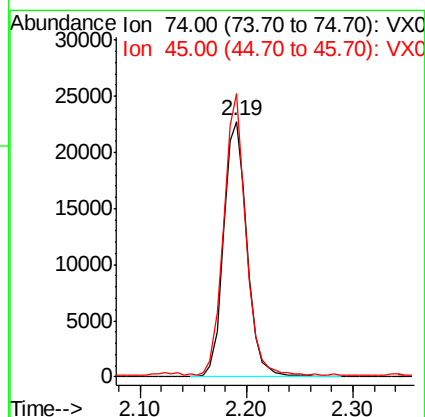
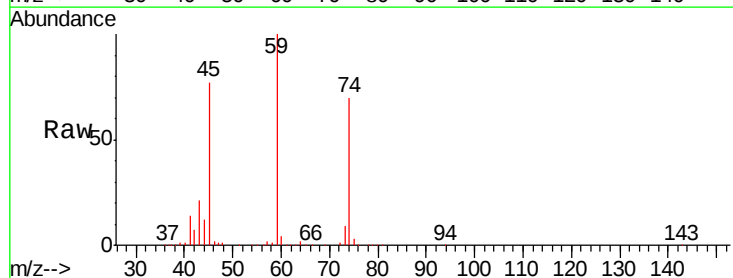
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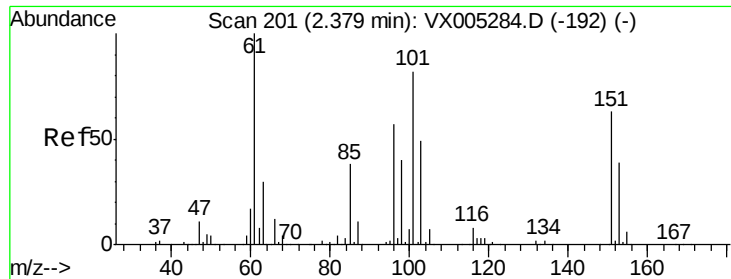


#8

Diethyl Ether
 Concen: 19.70 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 74 Resp: 34855
 Ion Ratio Lower Upper
 74 100
 45 104.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.81 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

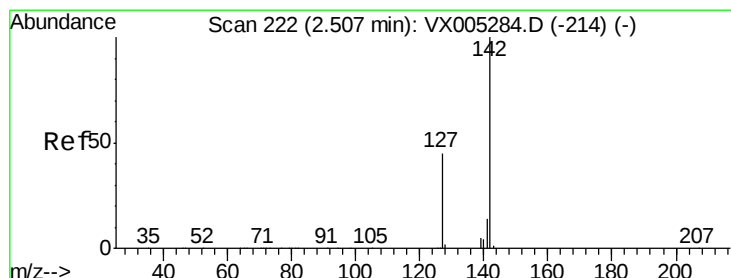
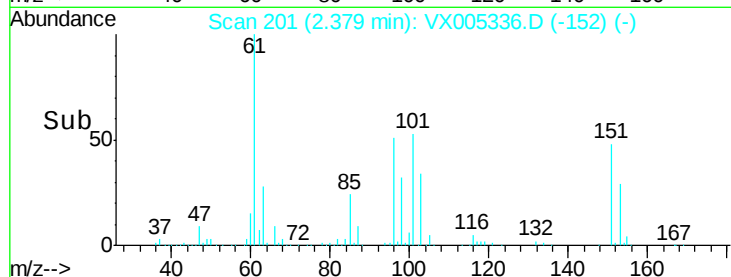
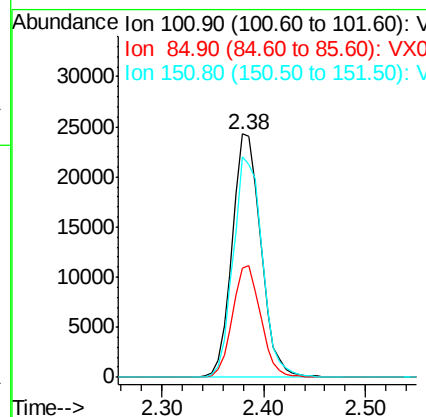
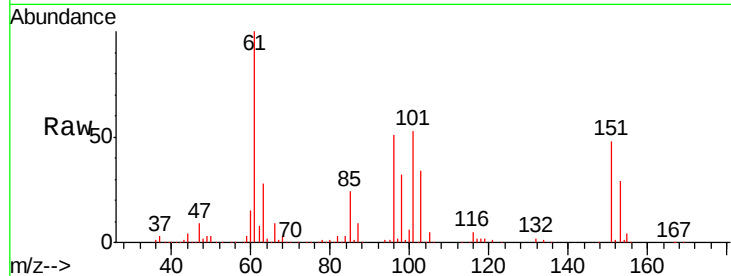
ClientSampleId :

VX1015WBSD01

Tgt Ion:	101	Resp:	47382
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.2	51.4
151	91.1	65.0	97.6

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 23.53 ug/l

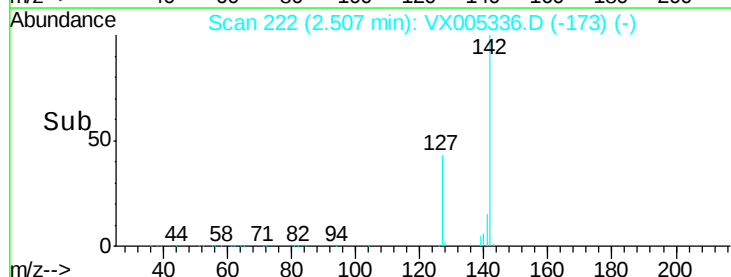
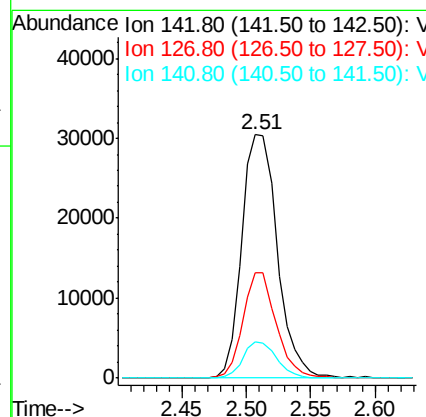
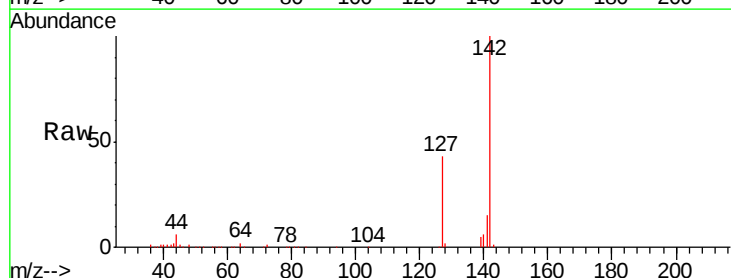
RT: 2.51 min Scan# 222

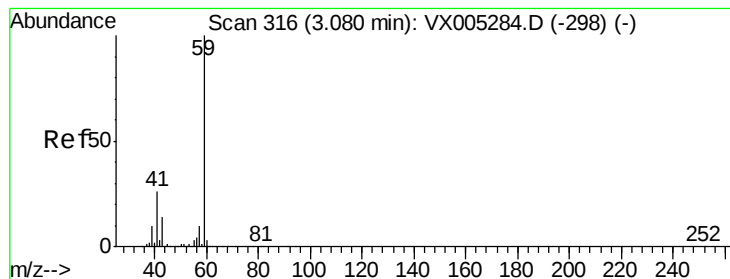
Delta R.T. 0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	142	Resp:	58072
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.8	50.6
141	14.2	11.4	17.0





#11

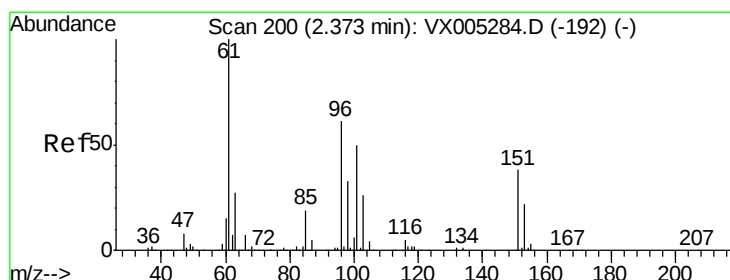
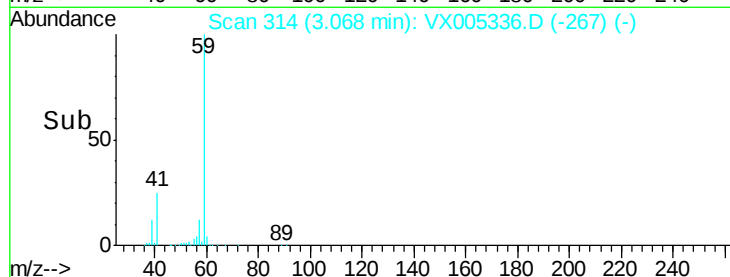
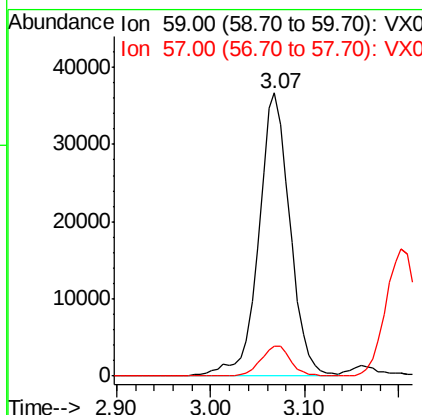
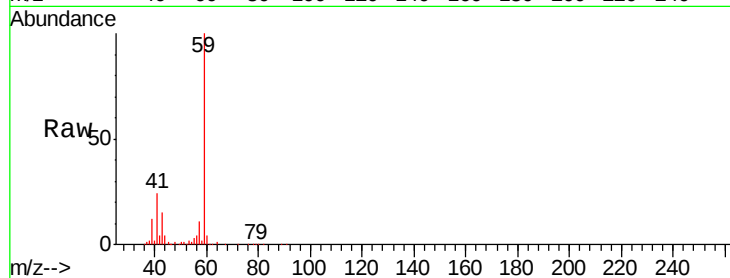
Tert butyl alcohol
Concen: 101.03 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion: 59 Resp: 85561
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
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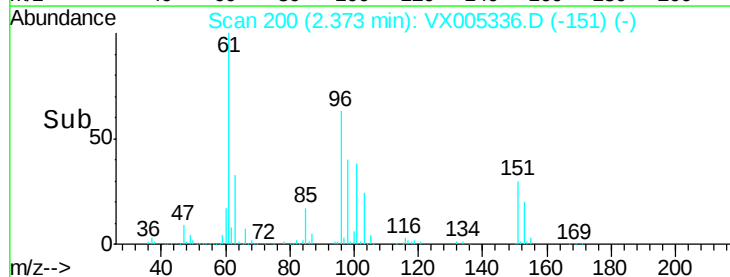
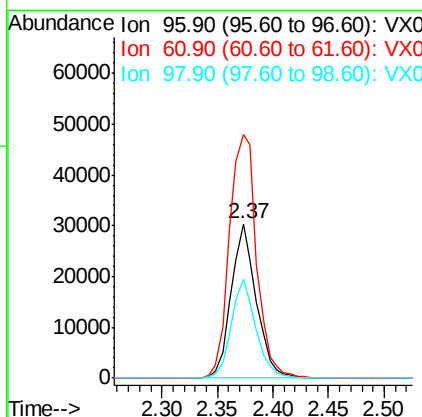
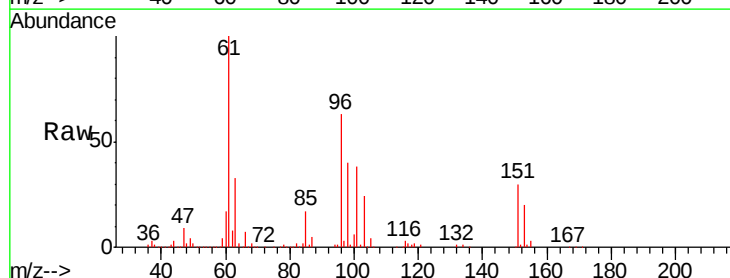
MMDadoda
10/16/2018 2:23:29 PM

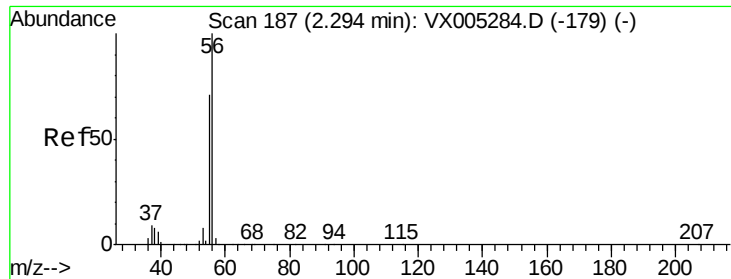


#12

1,1-Dichloroethene
Concen: 19.98 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 96 Resp: 47346
Ion Ratio Lower Upper
96 100
61 157.9 128.8 193.2
98 63.8 52.2 78.2





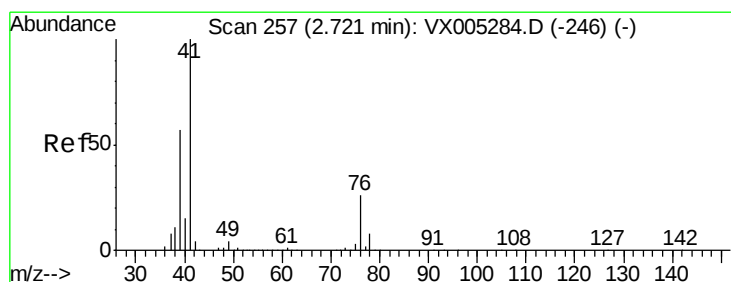
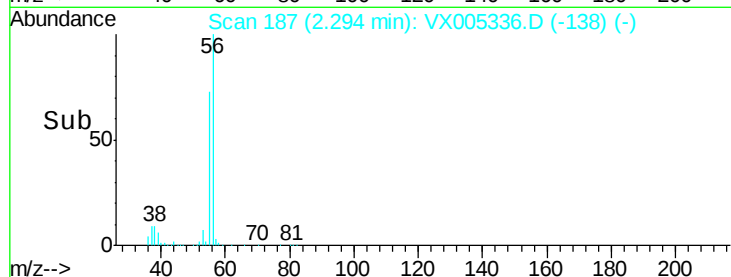
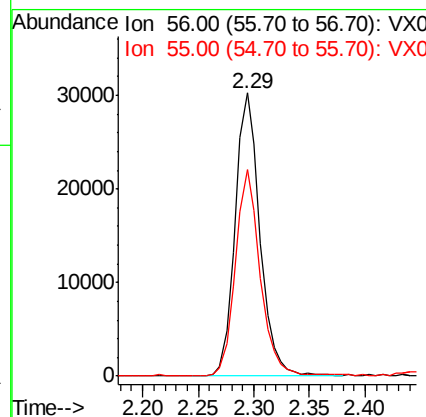
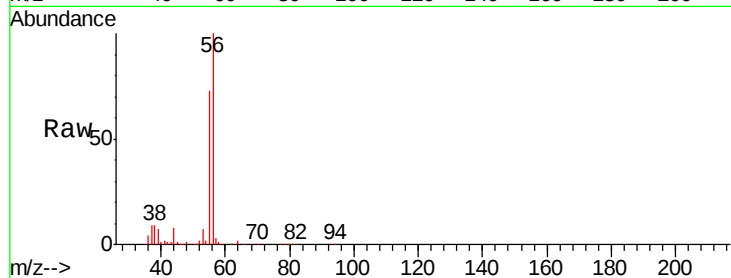
#13
Acrolein
Concen: 84.72 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	73.0	54.7	82.1

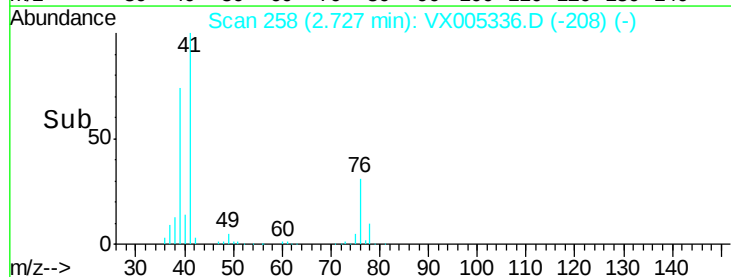
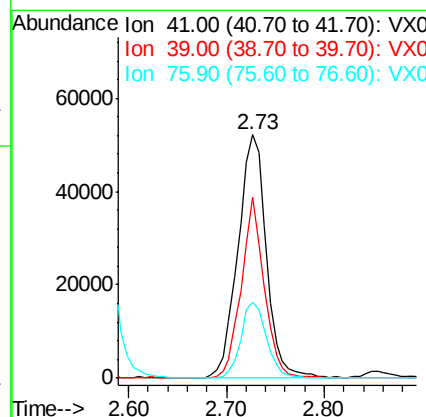
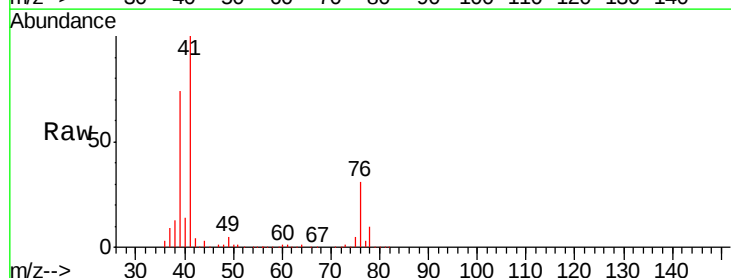
Manual Integrations
APPROVED

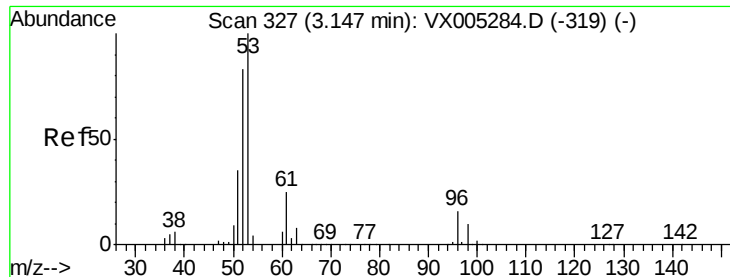
MMDadoda
10/16/2018 2:23:29 PM



#14
Allyl chloride
Concen: 20.21 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.7	48.9	73.3
76	28.4	26.7	40.1





#15

Acrylonitrile

Concen: 94.36 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

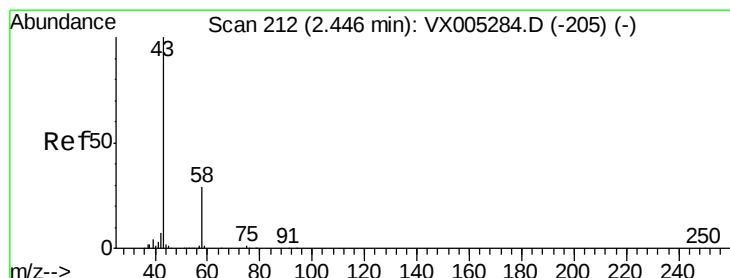
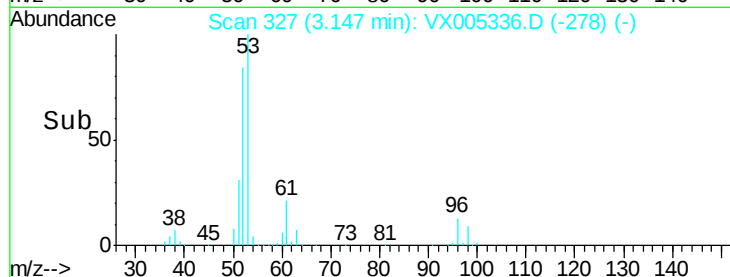
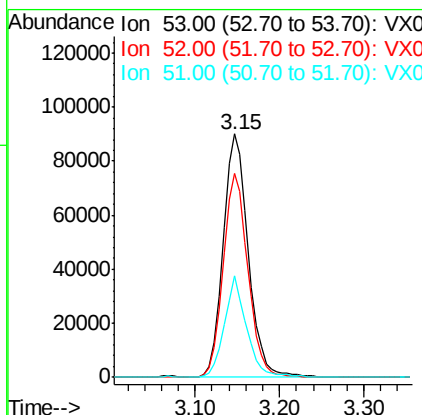
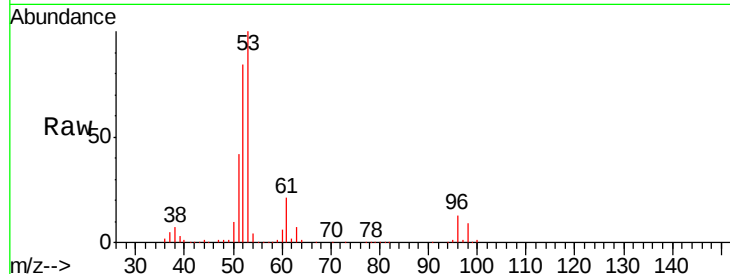
ClientSampleId :

VX1015WBSD01

Tgt Ion:	53	Resp:	181088
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.2	97.8
51	37.0	28.2	42.2

Manual Integrations
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MMDadoda
10/16/2018 2:23:29 PM



#16

Acetone

Concen: 93.35 ug/l

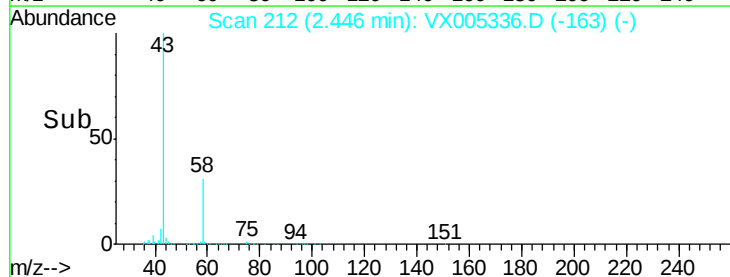
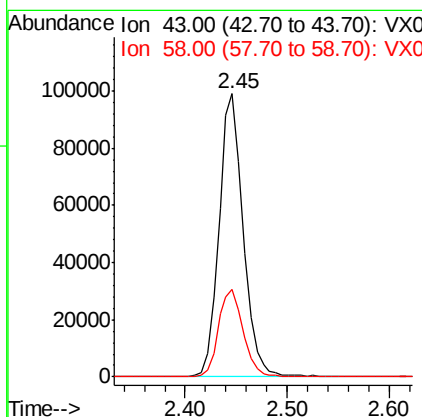
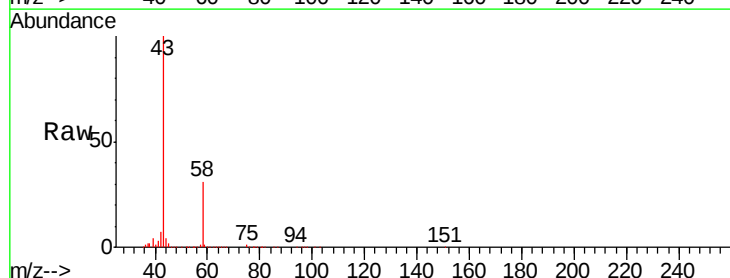
RT: 2.45 min Scan# 212

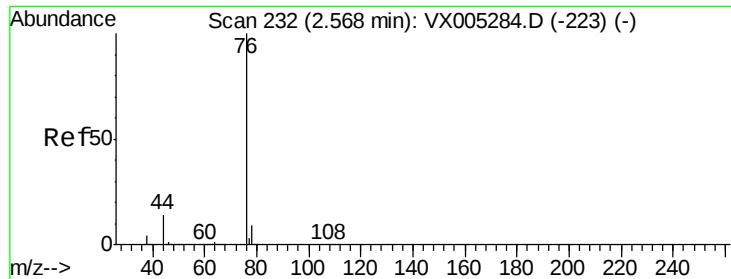
Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	43	Resp:	162050
Ion	Ratio	Lower	Upper
43	100		
58	30.7	26.2	39.4





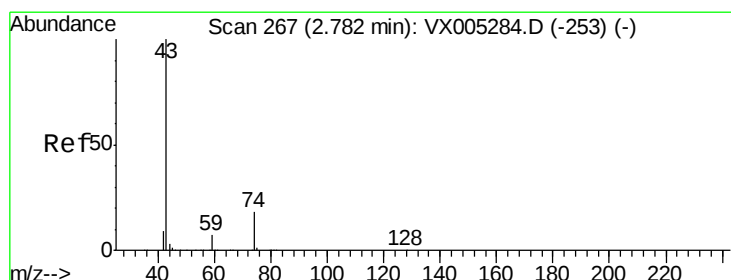
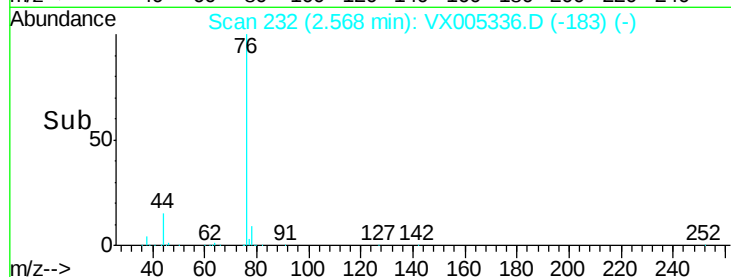
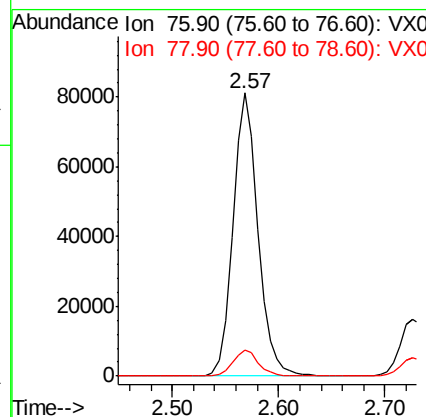
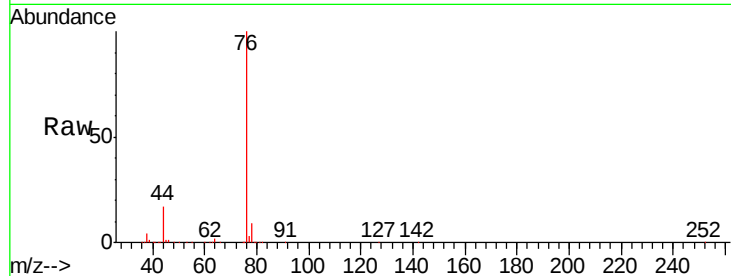
#17
Carbon Disulfide
Concen: 18.55 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

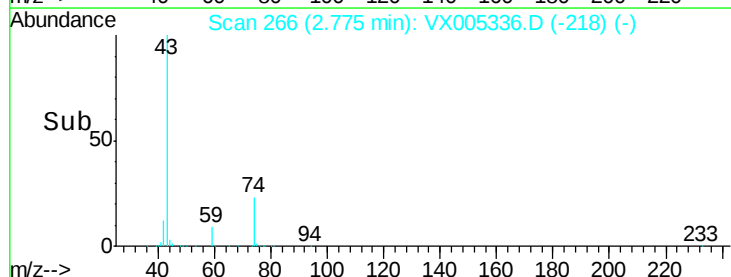
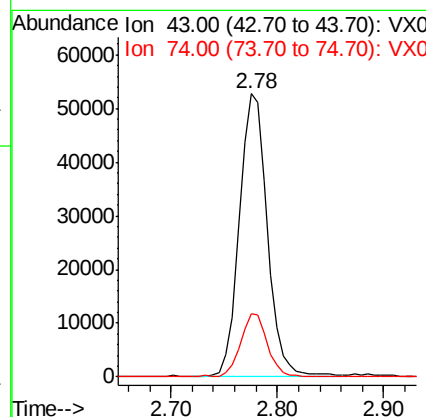
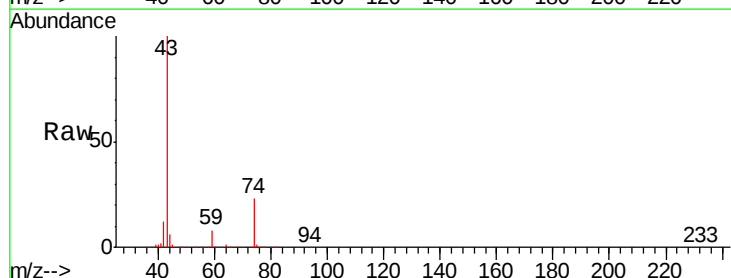
Manual Integrations
APPROVED

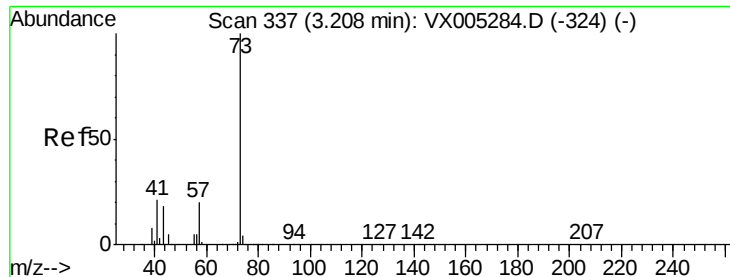
MMDadoda
10/16/2018 2:23:29 PM



#18
Methyl Acetate
Concen: 19.61 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	19.4	29.2





#19

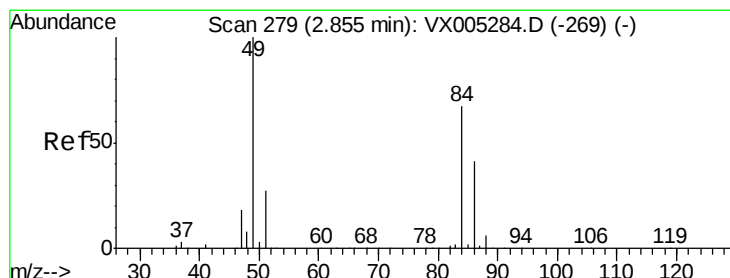
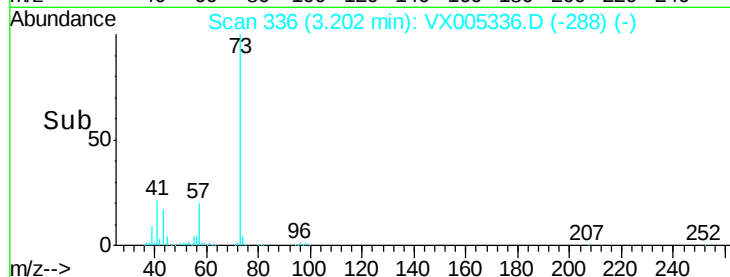
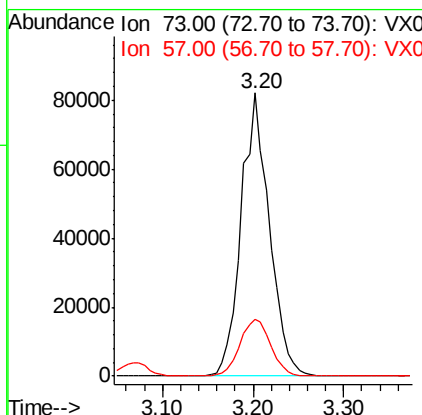
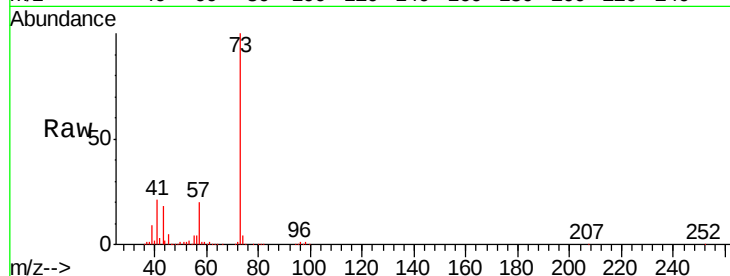
Methyl tert-butyl Ether
 Concen: 21.14 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion: 73 Resp: 176424
 Ion Ratio Lower Upper
 73 100
 57 19.9 17.1 25.7

Manual Integrations
 APPROVED

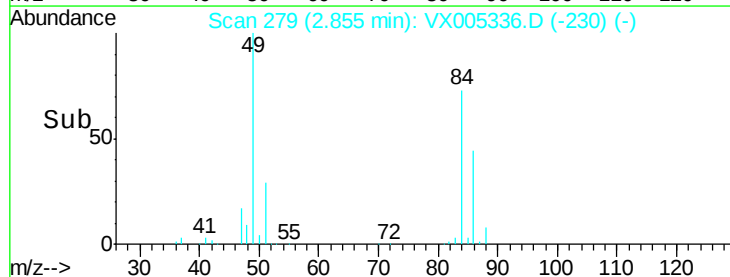
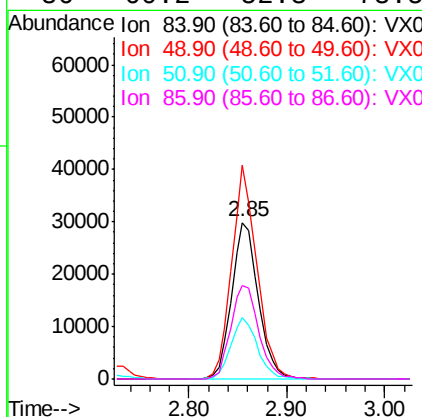
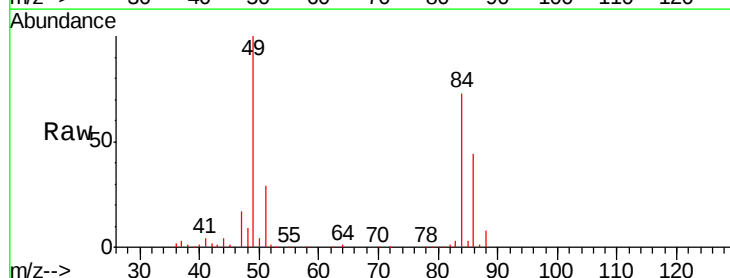
MMDadoda
 10/16/2018 2:23:29 PM

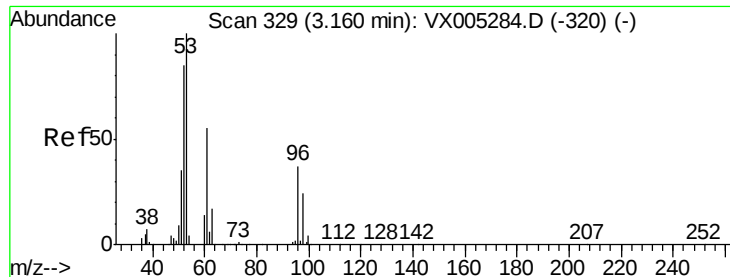


#20

Methylene Chloride
 Concen: 21.51 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 84 Resp: 56292
 Ion Ratio Lower Upper
 84 100
 49 136.6 101.2 151.8
 51 39.2 29.5 44.3
 86 60.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

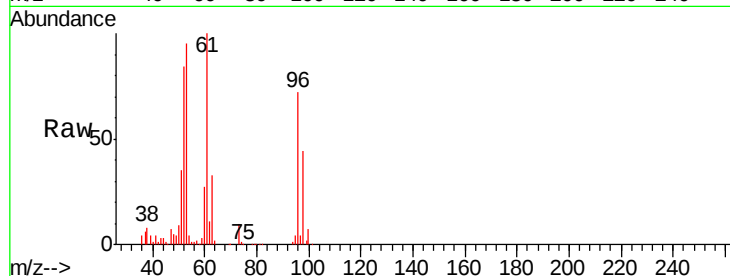
ClientSampleId :

VX1015WBSD01

Tgt Ion:	96	Resp:	50263
Ion	Ratio	Lower	Upper
96	100		
61	139.3	113.8	170.6
98	61.2	51.8	77.8

Manual Integrations
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MMDadoda
10/16/2018 2:23:29 PM

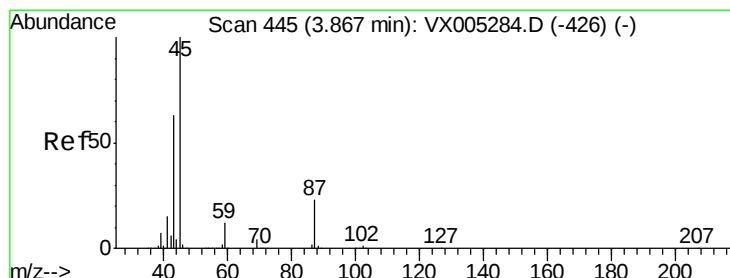
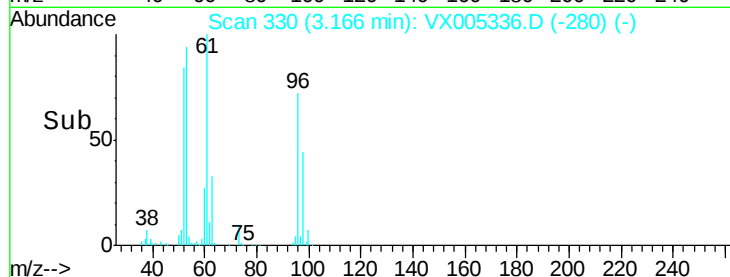
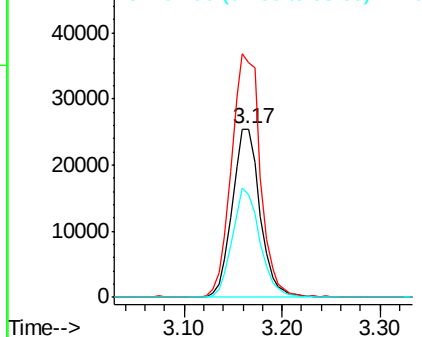


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.91 ug/l

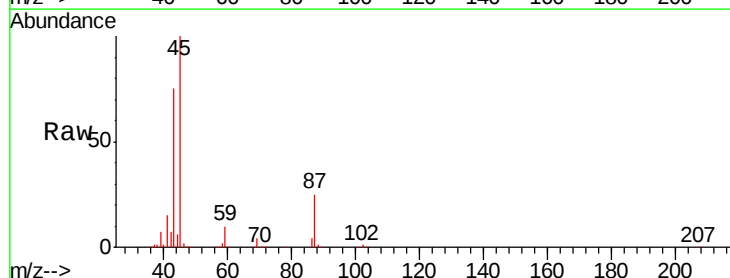
RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	45	Resp:	173955
Ion	Ratio	Lower	Upper
45	100		
43	74.9	42.8	64.2#
87	25.0	22.6	34.0
59	10.2	9.6	14.4



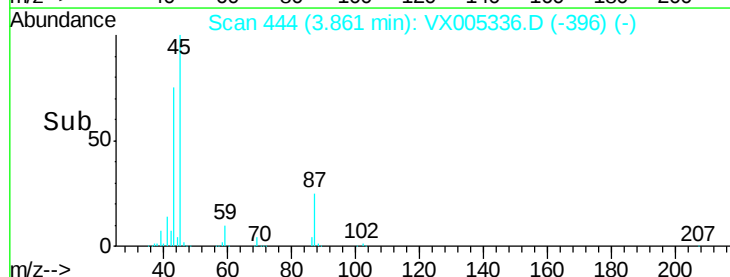
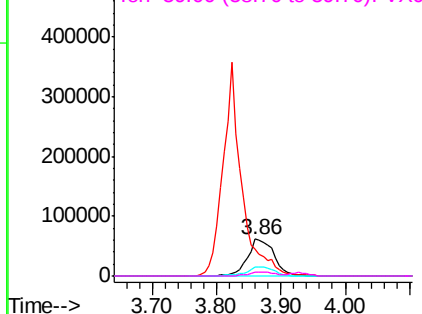
Abundance

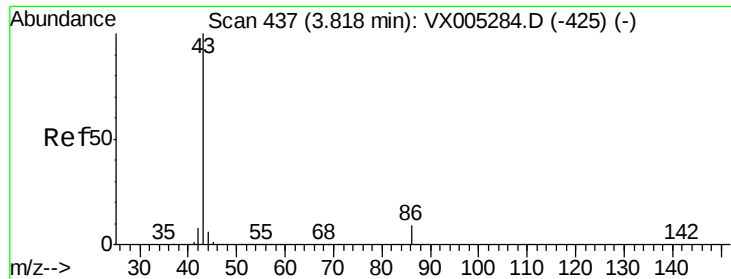
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.15 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 43 Resp: 741907

Ion Ratio Lower Upper

43 100

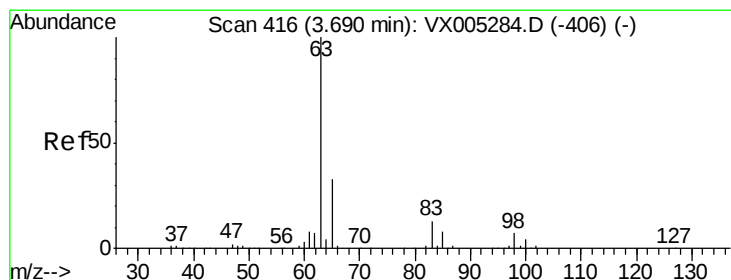
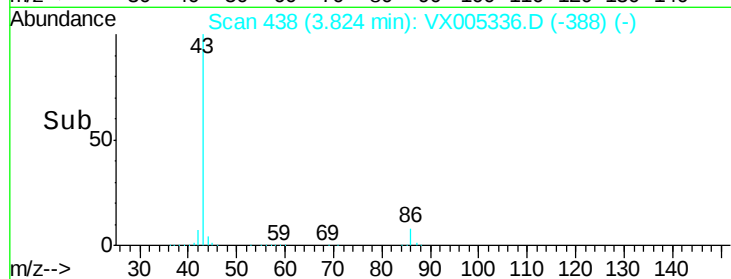
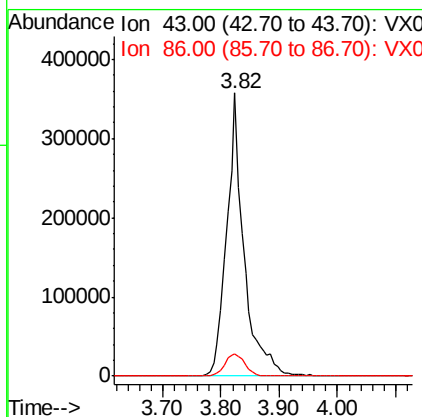
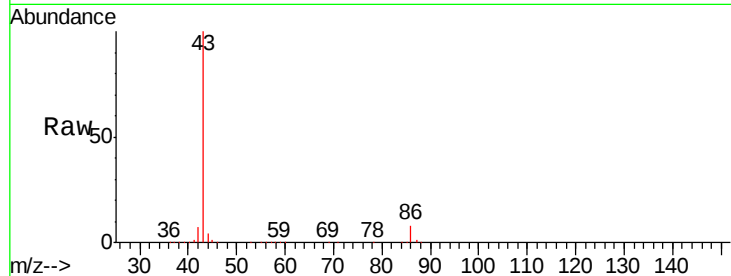
86 8.1 8.9 13.3#

Manual Integrations

APPROVED

MMDadoda

10/16/2018 2:23:29 PM



#24

1,1-Dichloroethane

Concen: 19.28 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

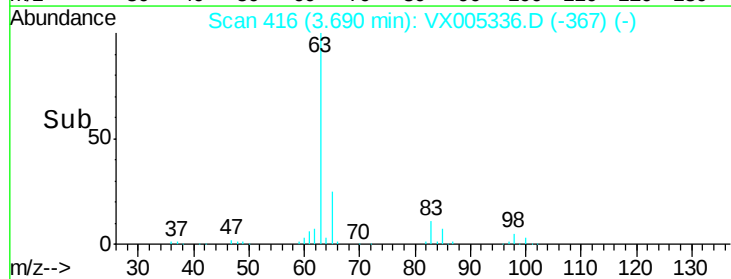
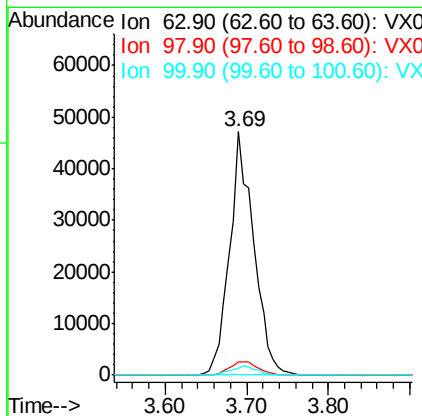
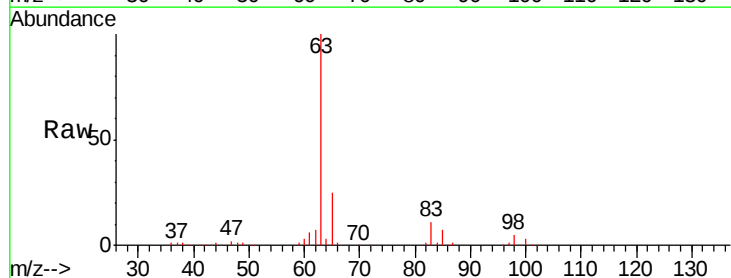
Tgt Ion: 63 Resp: 96555

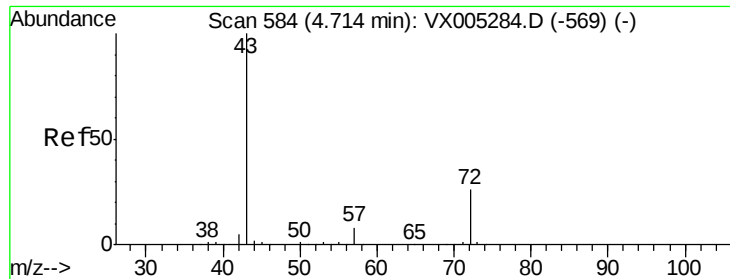
Ion Ratio Lower Upper

63 100

98 5.3 3.5 10.4

100 3.0 2.4 7.1





#25

2-Butanone

Concen: 95.16 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 43 Resp: 241706

Ion Ratio Lower Upper

43 100

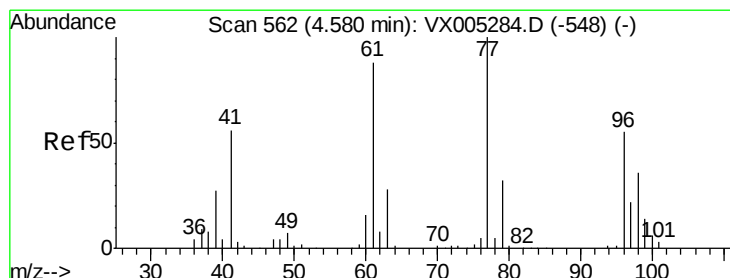
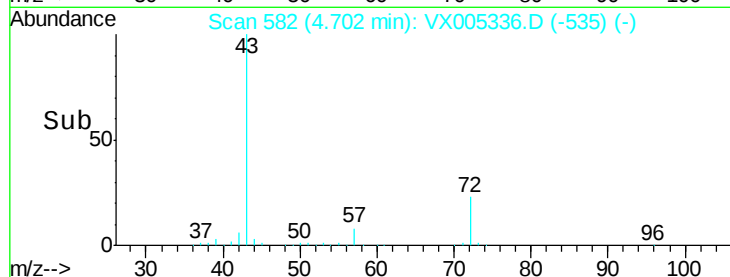
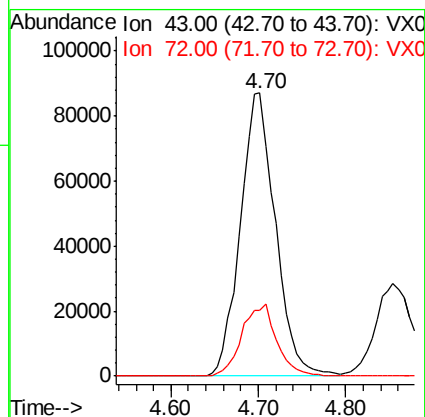
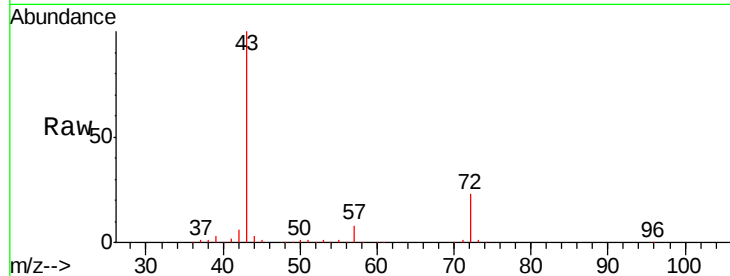
72 23.0 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.37 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005336.D

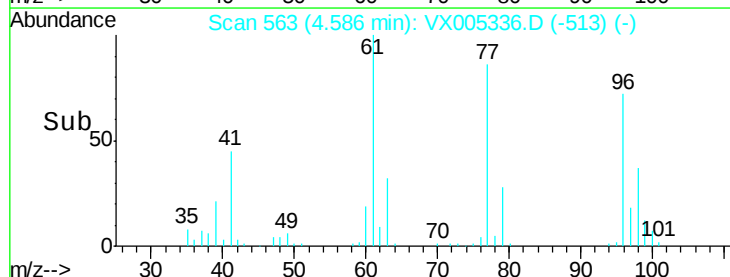
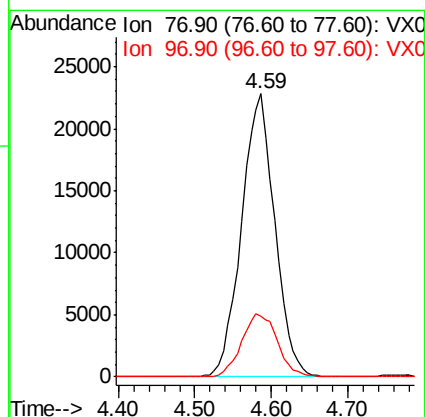
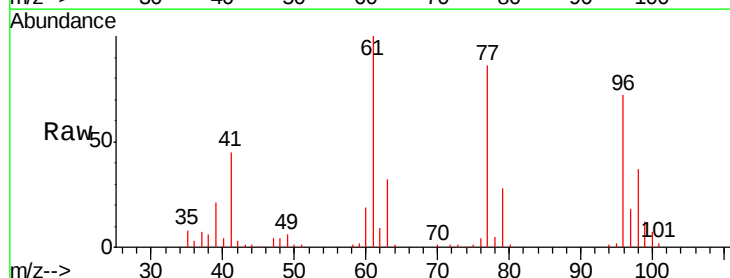
Acq: 15 Oct 2018 11:55

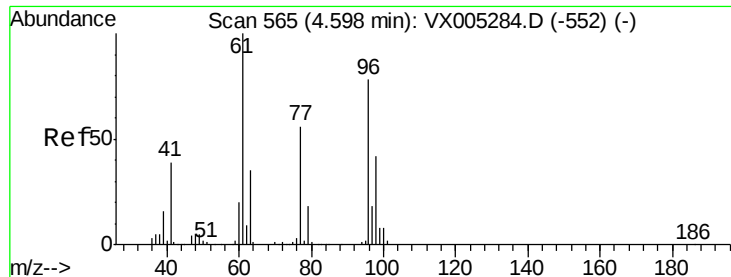
Tgt Ion: 77 Resp: 68806

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0





#27

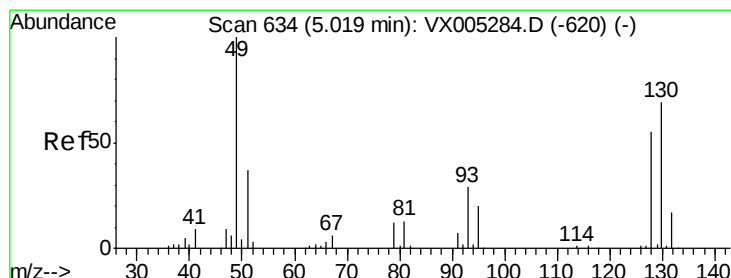
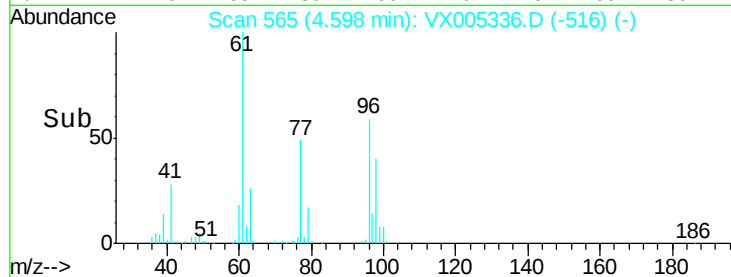
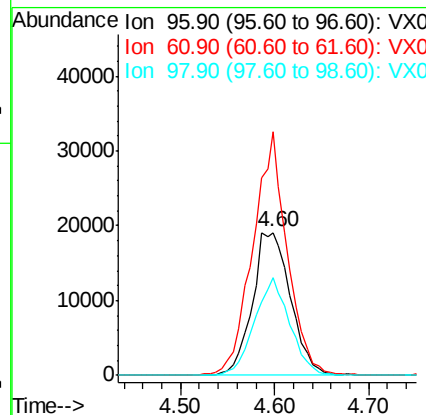
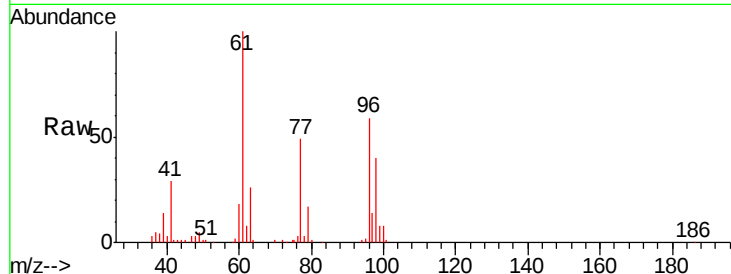
cis-1,2-Dichloroethene
Concen: 19.05 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.5	0.0	282.6
98	63.3	0.0	130.2

Manual Integrations
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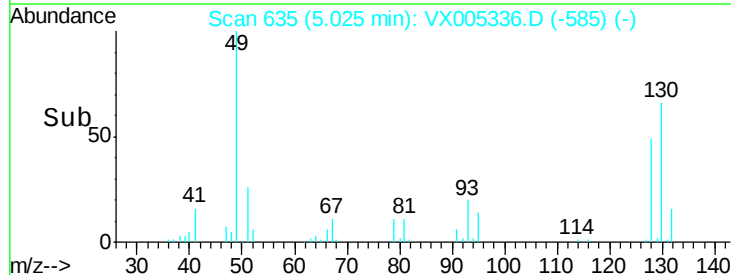
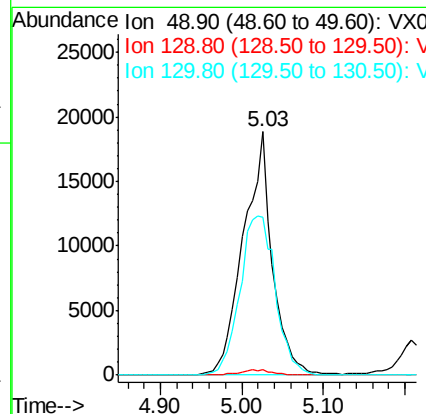
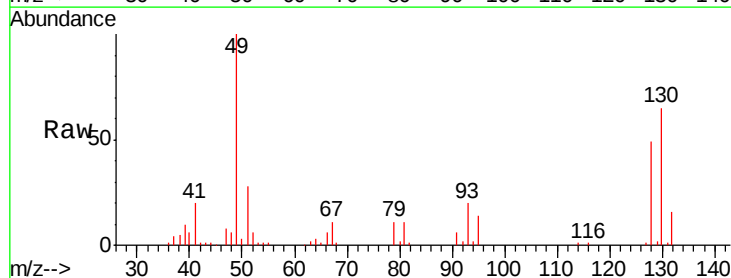
MMDadoda
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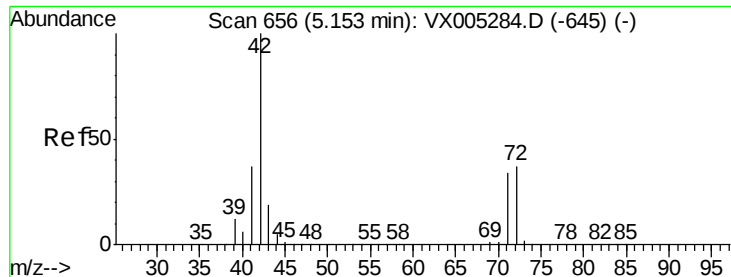


#28

Bromochloromethane
Concen: 20.28 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	80.1	67.5	101.3





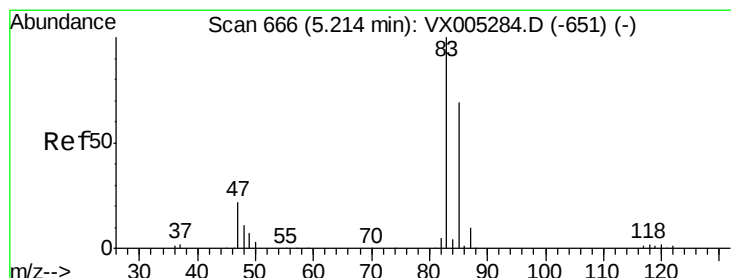
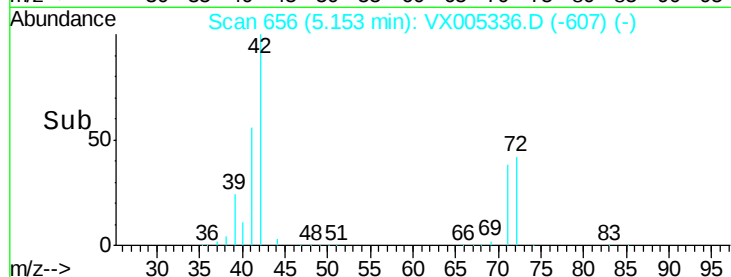
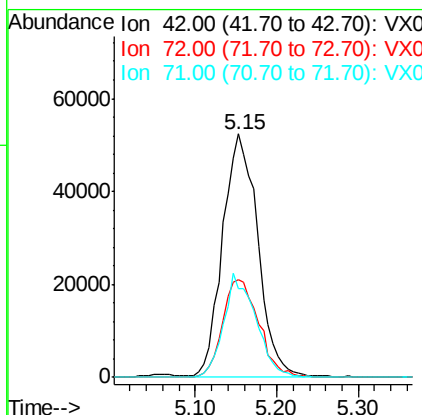
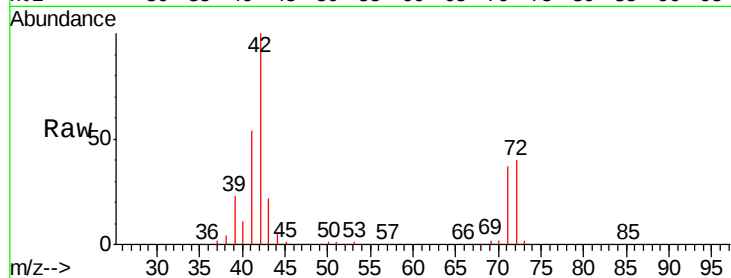
#29
Tetrahydrofuran
Concen: 95.76 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.2	37.4	56.0
71	39.3	34.5	51.7

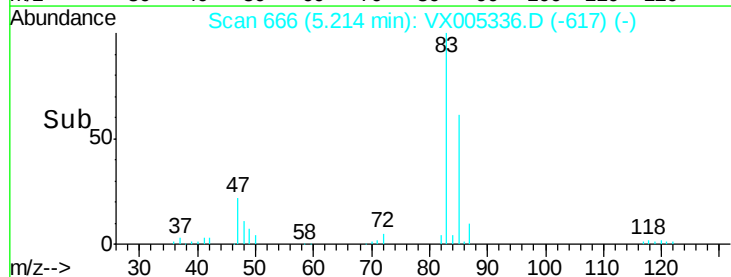
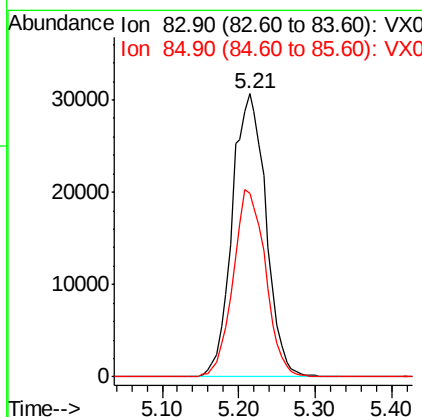
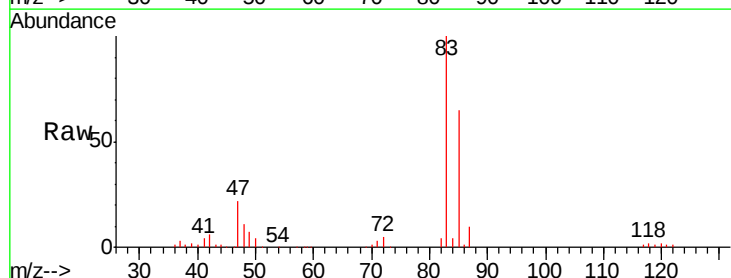
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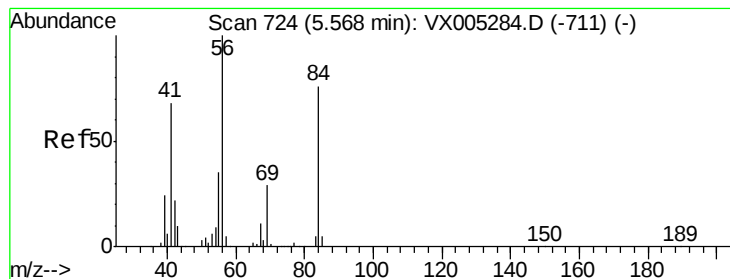
MMDadoda
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#30
Chloroform
Concen: 20.16 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	79.0





#31

Cyclohexane

Concen: 18.81 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

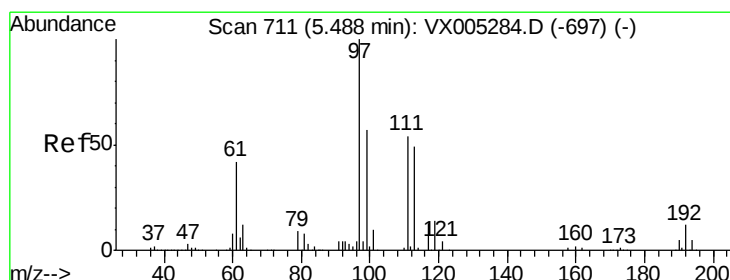
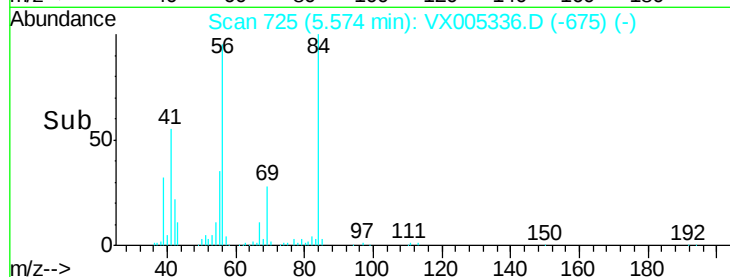
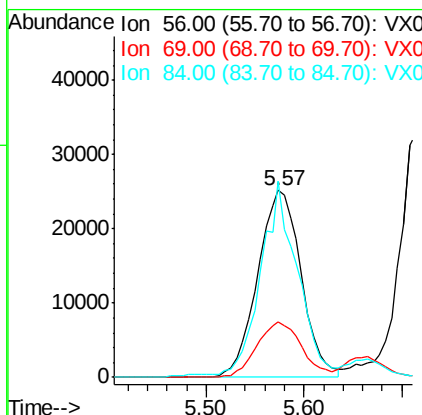
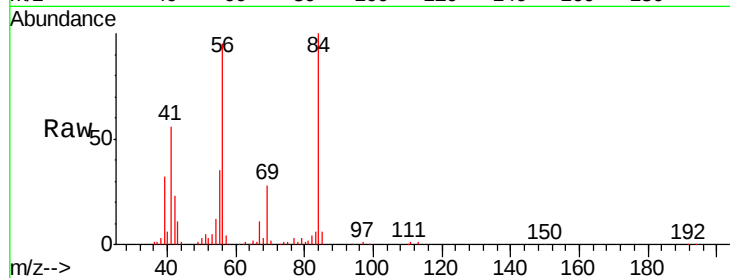
ClientSampleId :

VX1015WBSD01

Tgt Ion:	56	Resp:	77626
Ion Ratio	Lower	Upper	
56	100		
69	29.9	25.4	38.2
84	103.7	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.77 ug/l

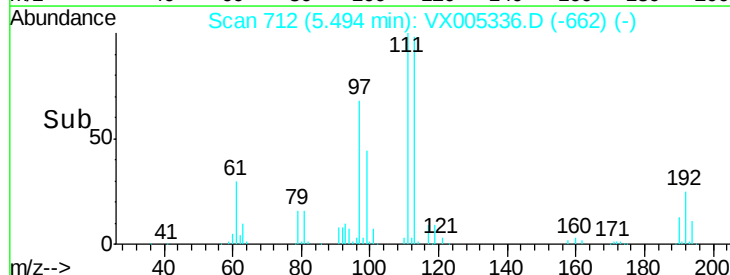
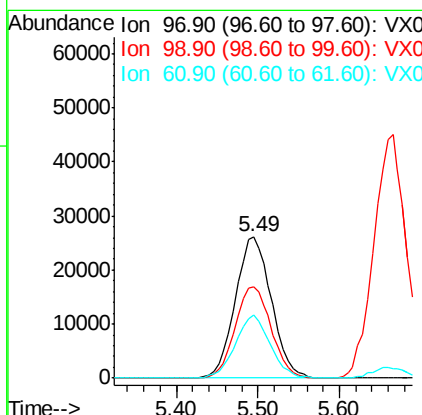
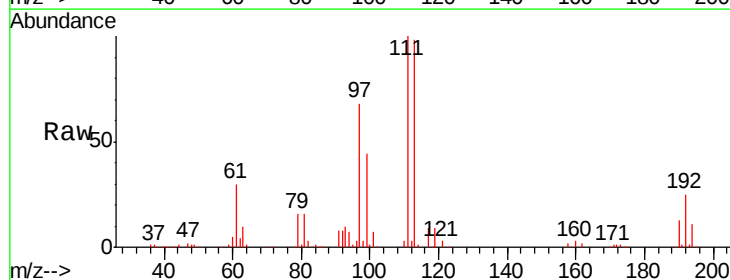
RT: 5.49 min Scan# 712

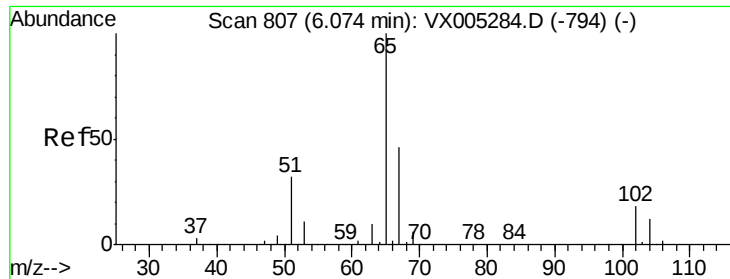
Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	97	Resp:	79935
Ion Ratio	Lower	Upper	
97	100		
99	64.9	52.0	78.0
61	43.1	34.9	52.3





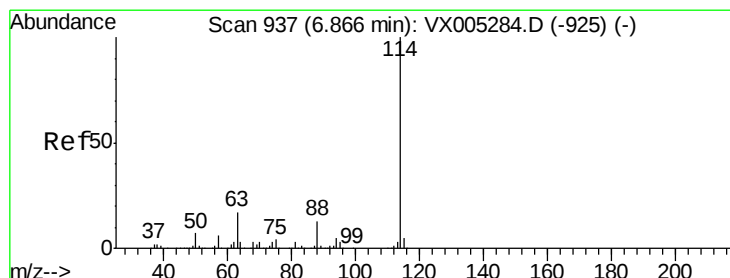
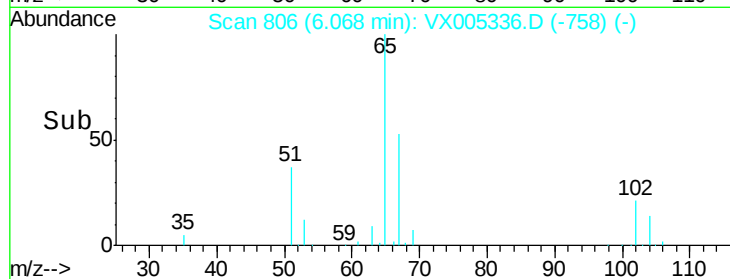
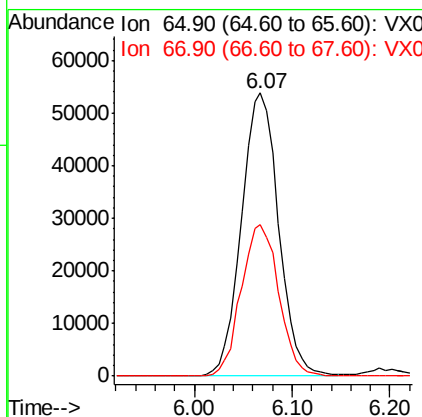
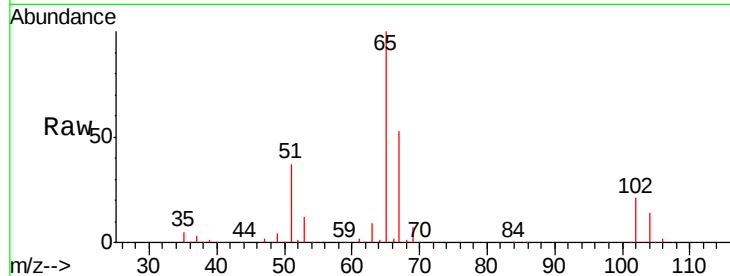
#33
 1,2-Dichloroethane-d4
 Concen: 47.19 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion: 65 Resp: 141694
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.8

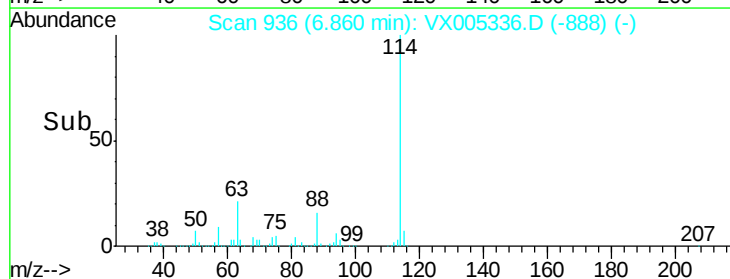
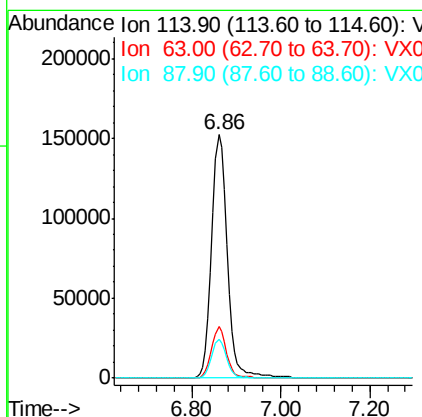
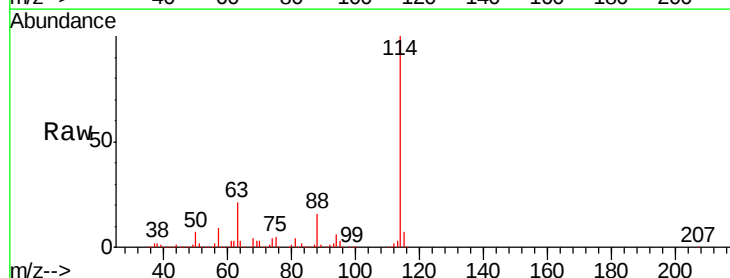
Manual Integrations
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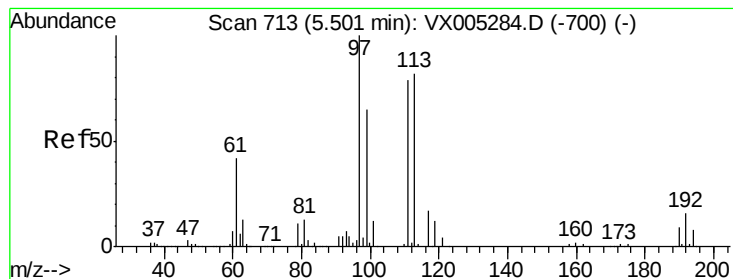
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 114 Resp: 374728
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.0
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.61 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

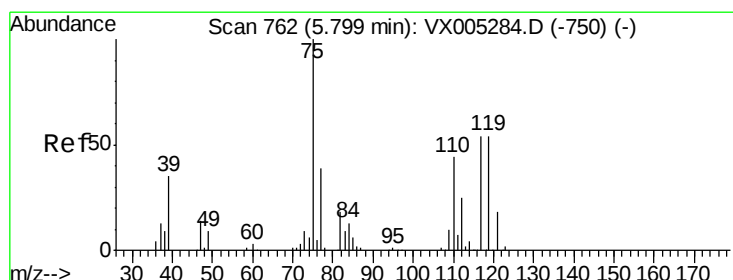
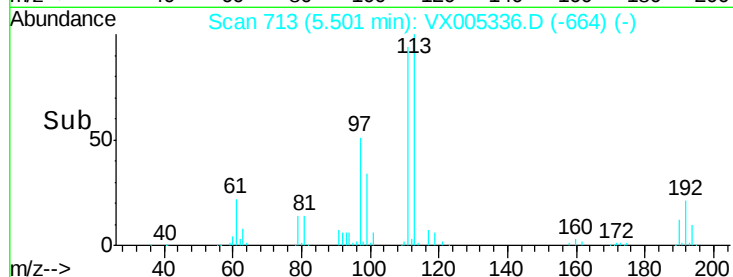
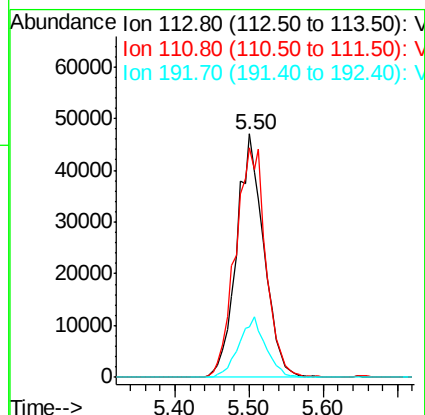
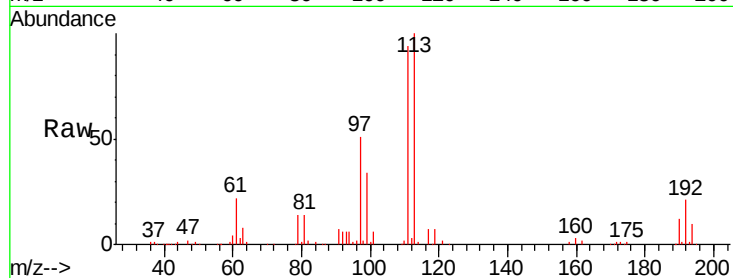
ClientSampleId :

VX1015WBSD01

Tgt Ion:	113	Resp:	120639
Ion Ratio	Lower	Upper	
113	100		
111	105.2	82.4	123.6
192	24.4	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 17.82 ug/l

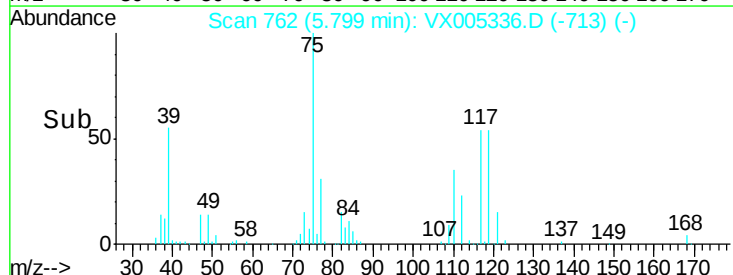
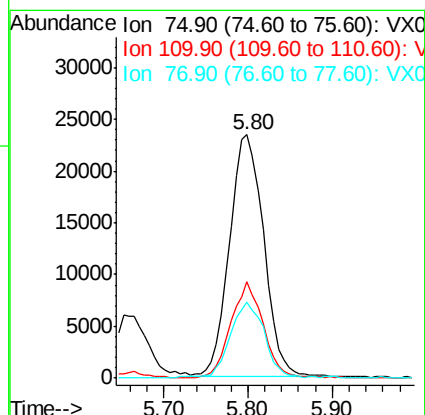
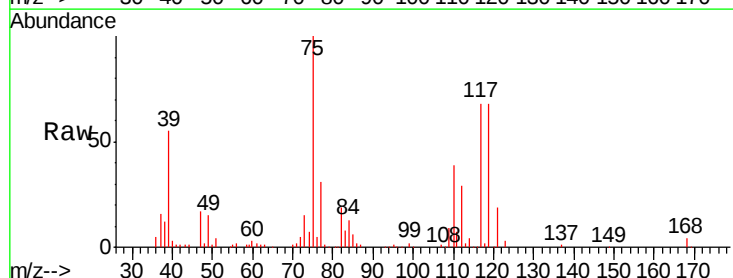
RT: 5.80 min Scan# 762

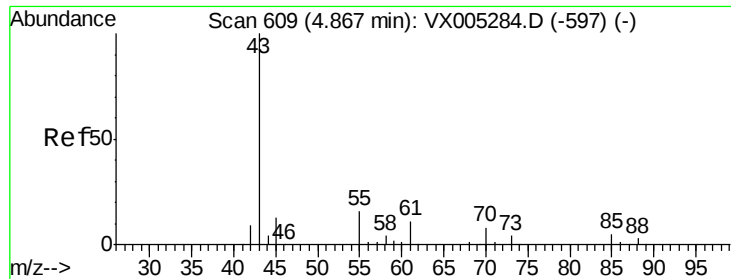
Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	75	Resp:	64686
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.0	54.0
77	30.3	24.6	36.8





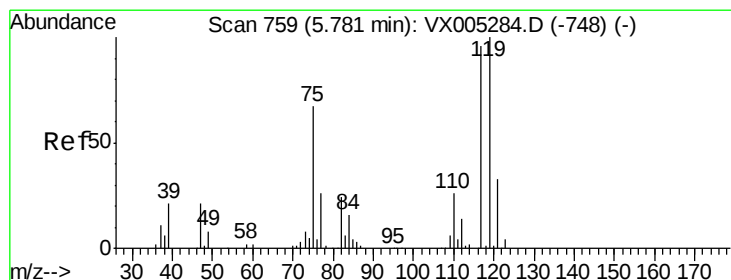
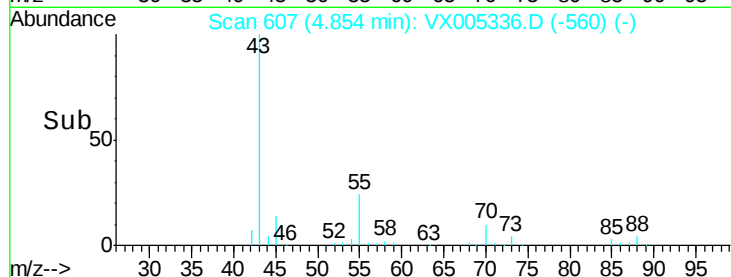
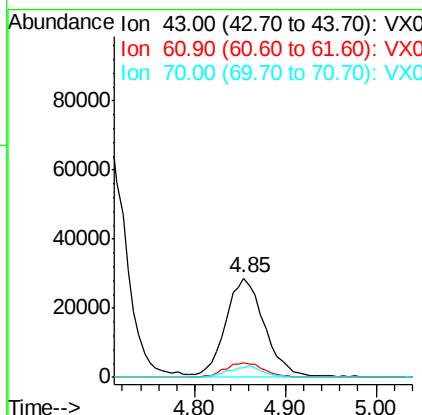
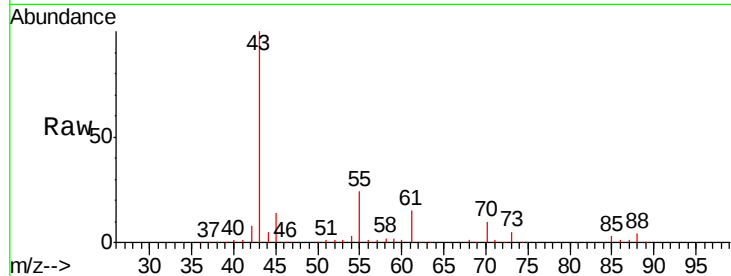
#37
Ethyl Acetate
Concen: 18.02 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	10.6	9.0	13.6

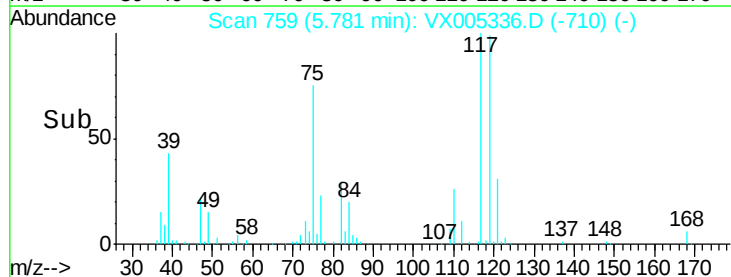
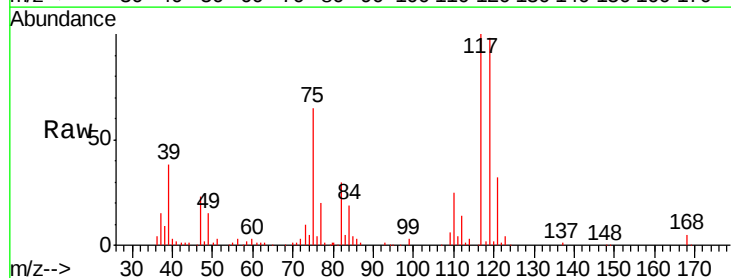
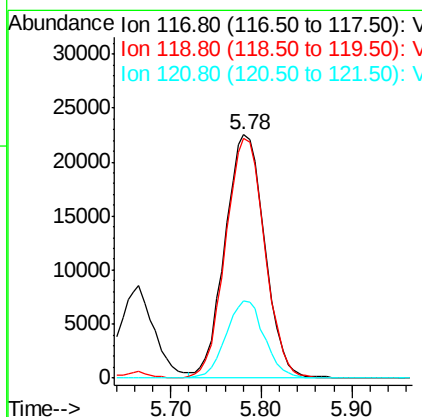
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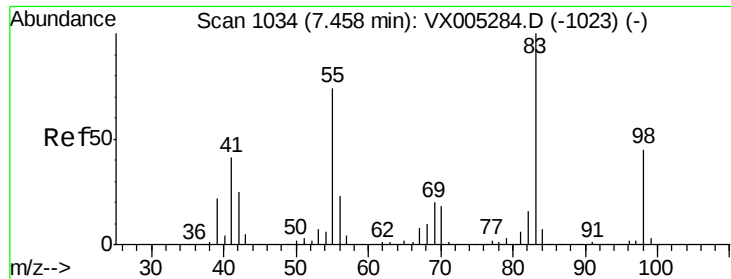
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#38
Carbon Tetrachloride
Concen: 18.85 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.8	118.2
121	31.8	24.9	37.3





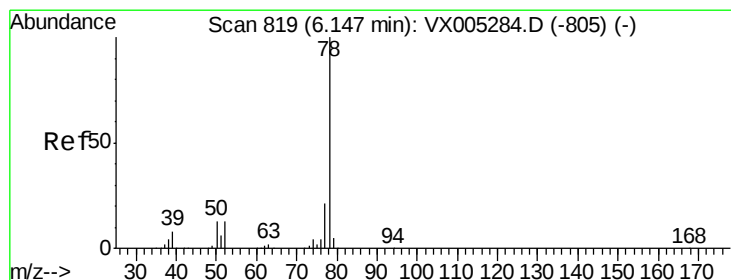
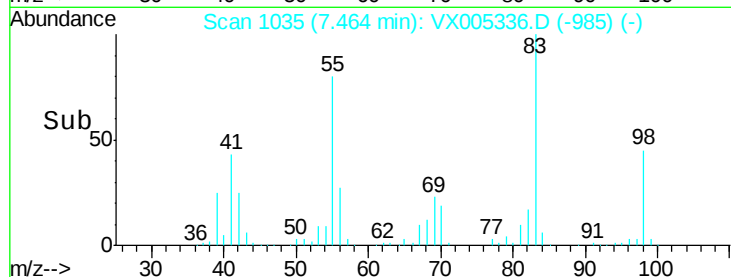
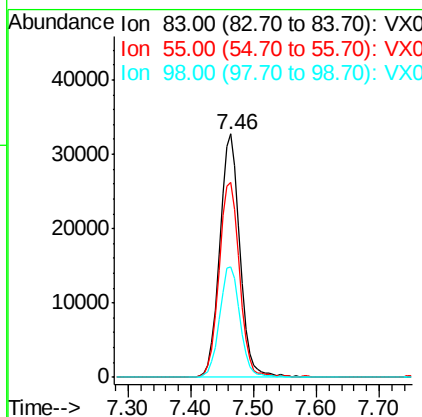
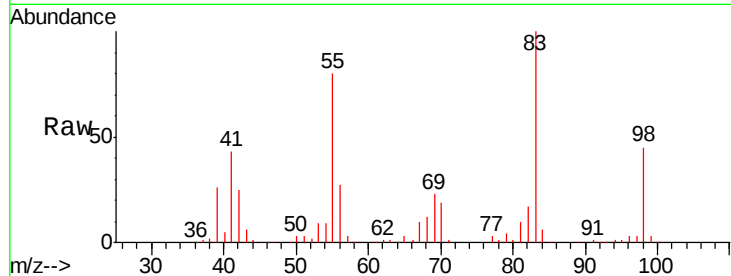
#39
Methylcyclohexane
Concen: 18.57 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.2	61.0	91.4
98	45.3	39.6	59.4

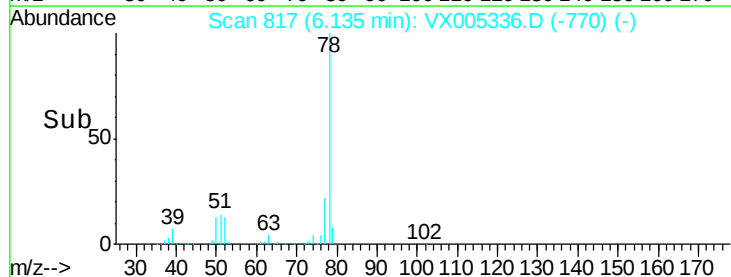
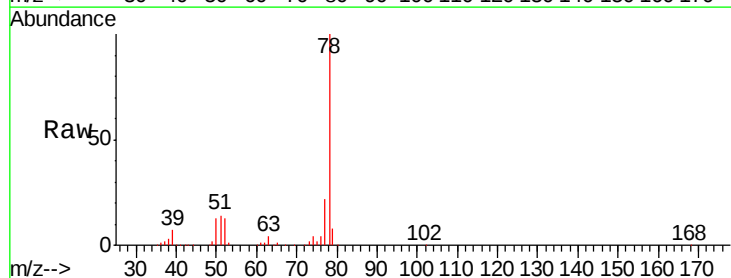
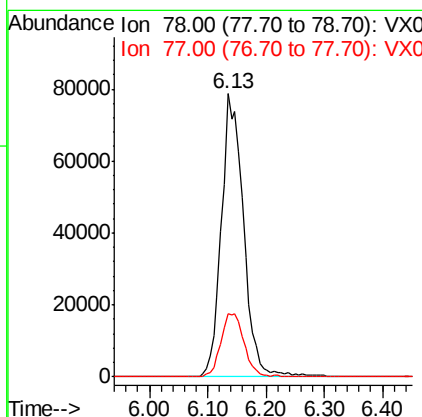
Manual Integrations
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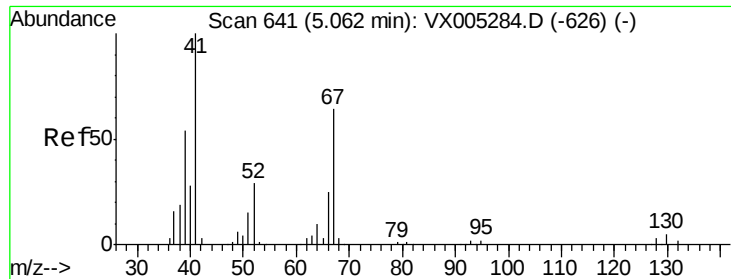
MMDadoda
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#40
Benzene
Concen: 19.10 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.4





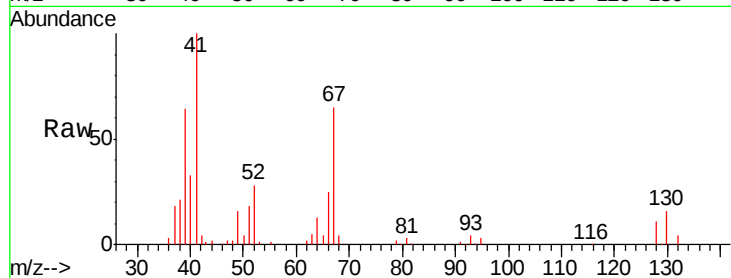
#41
Methacrylonitrile
Concen: 18.36 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

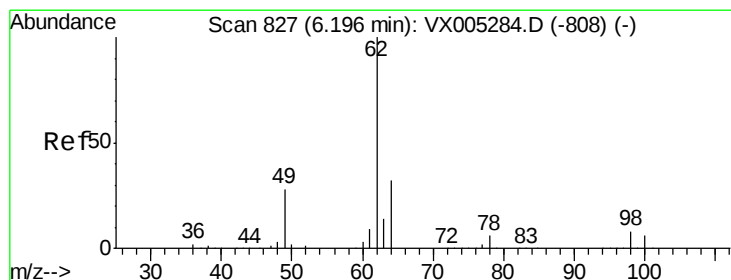
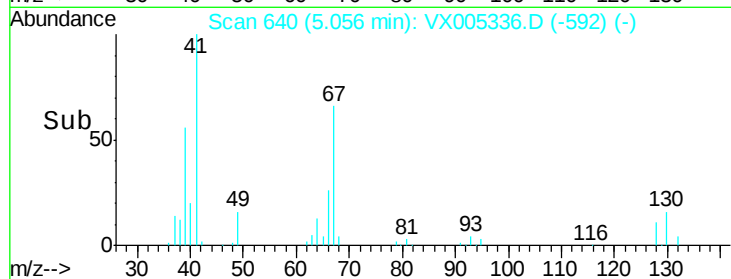
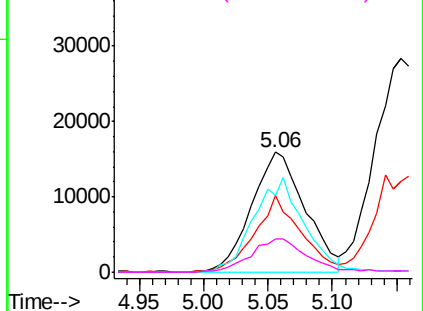
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	42.4	63.6	
67	74.0	59.2	88.8	
52	29.8	23.0	34.4	

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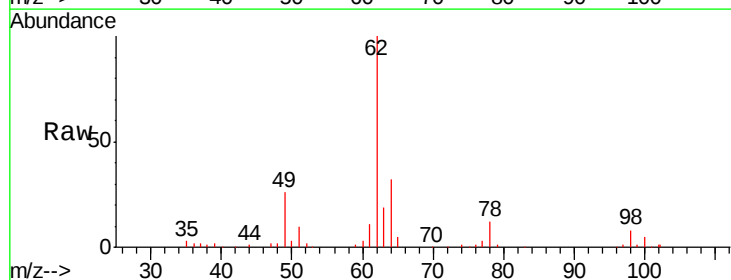


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

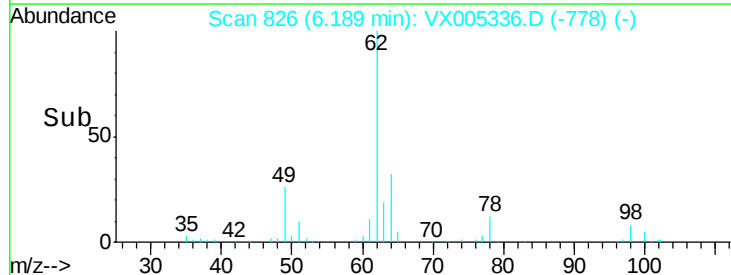
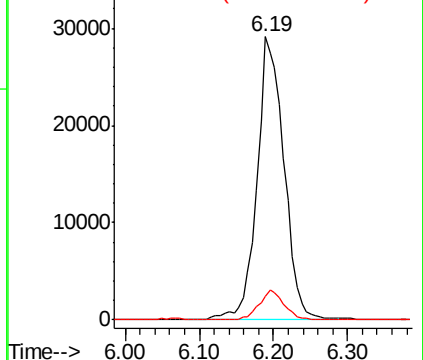


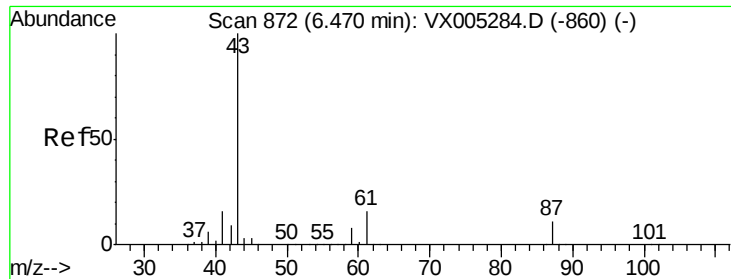
#42
1,2-Dichloroethane
Concen: 19.02 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.6	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

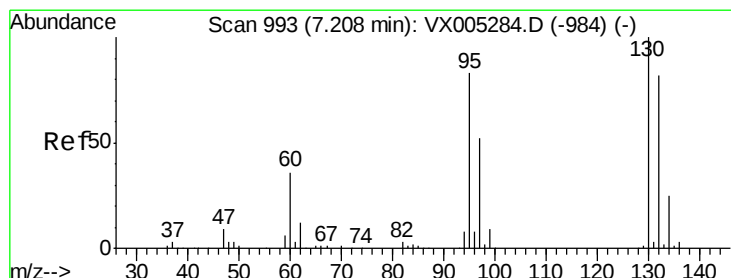
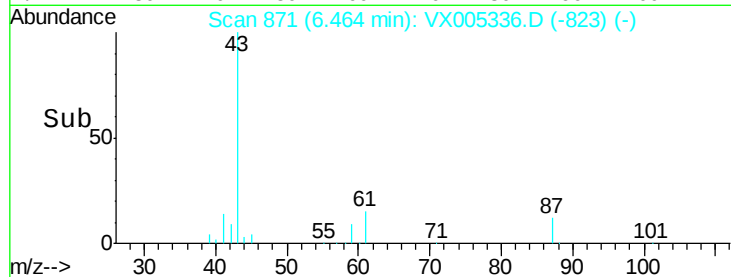
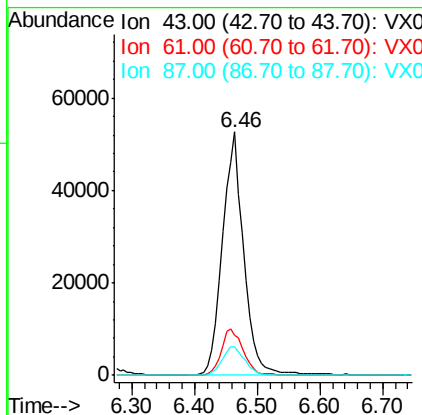
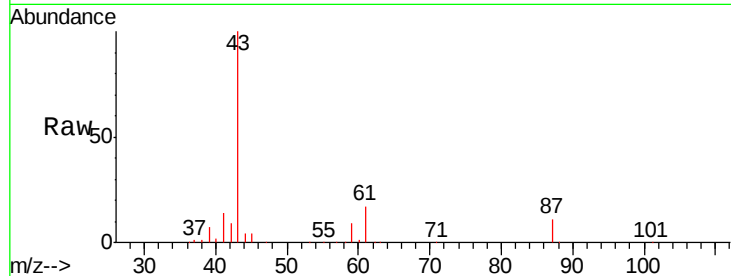
Isopropyl Acetate
 Concen: 19.74 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	17.0	25.4
87	12.6	11.4	17.2

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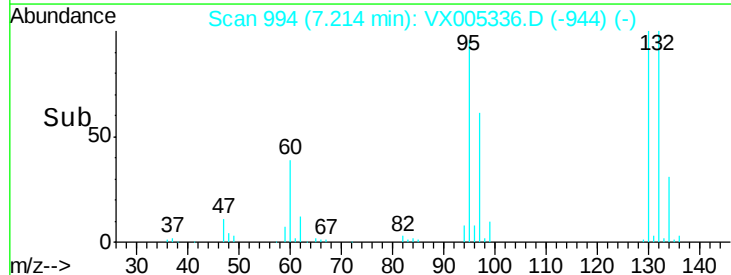
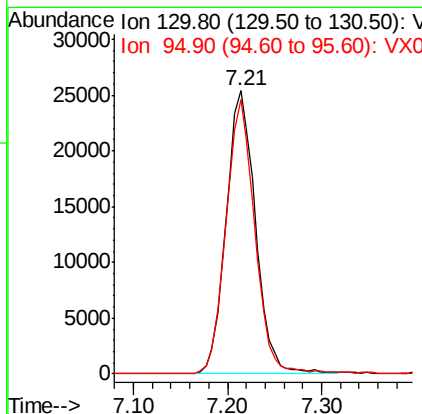
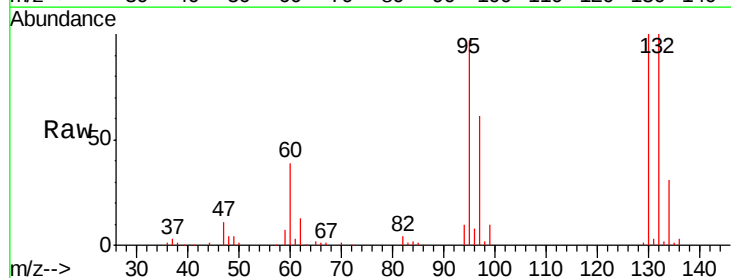
MMDadoda
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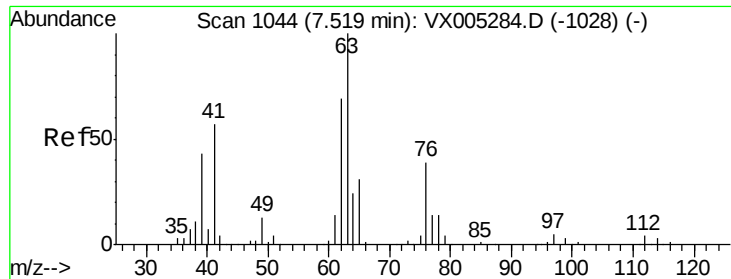


#44

Trichloroethene
 Concen: 19.40 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	181.6





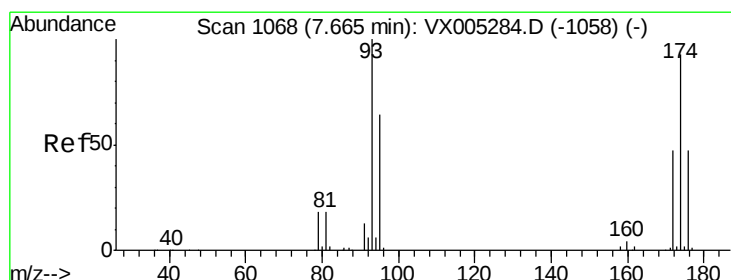
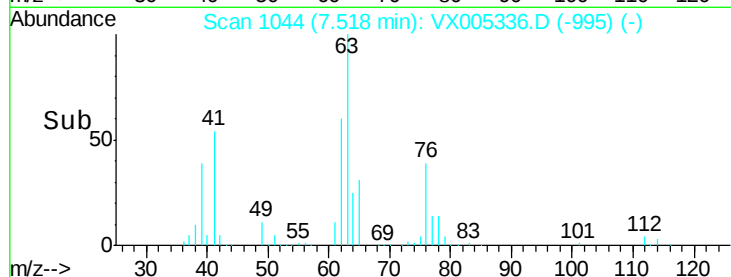
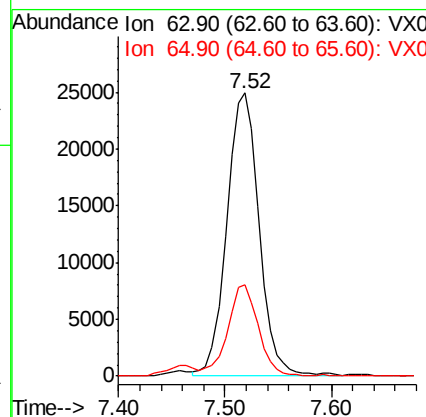
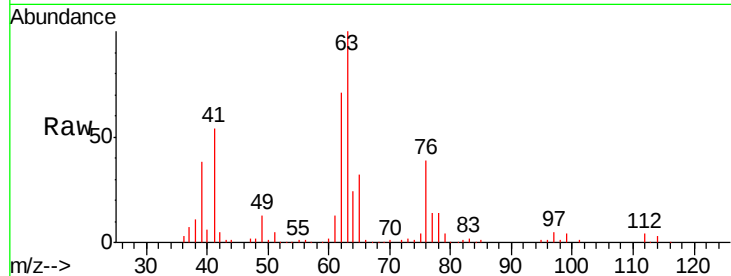
#45
 1,2-Dichloropropane
 Concen: 19.73 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion: 63 Resp: 52700
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.3 36.5

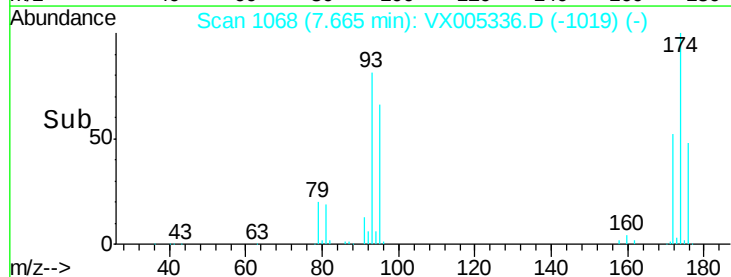
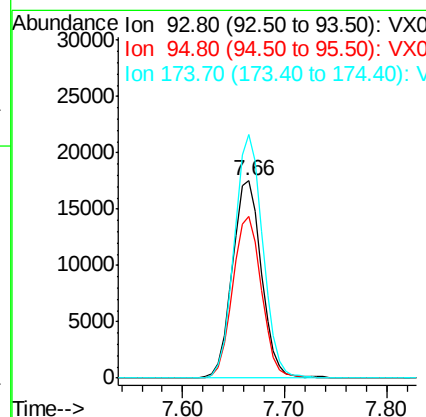
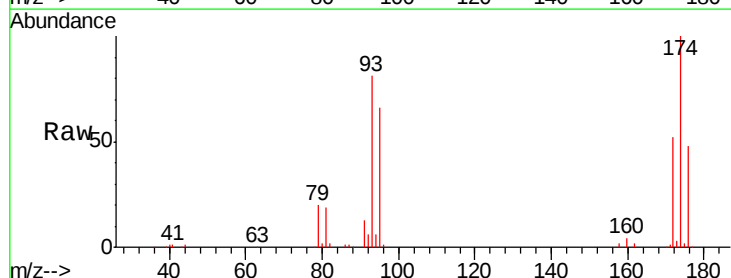
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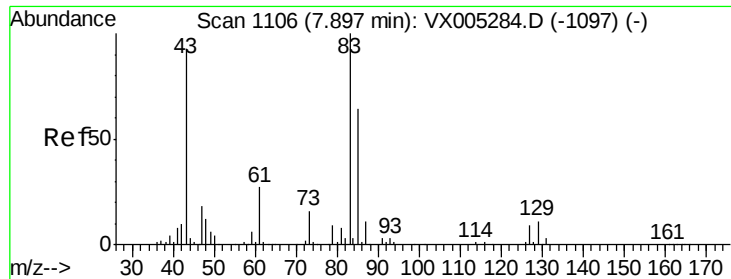
MMDadoda
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#46
 Dibromomethane
 Concen: 19.60 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 93 Resp: 34555
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.5 98.3
 174 120.4 94.2 141.4





#47

Bromodichloromethane

Concen: 20.05 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

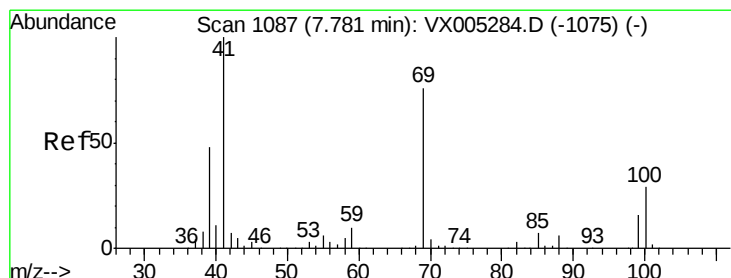
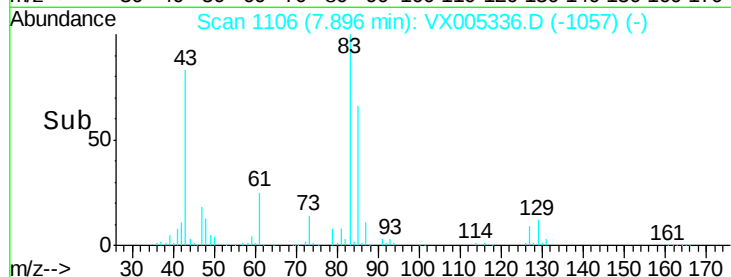
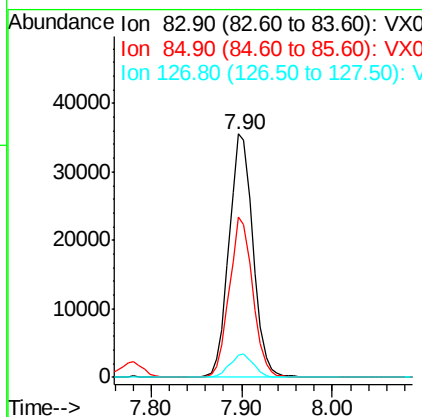
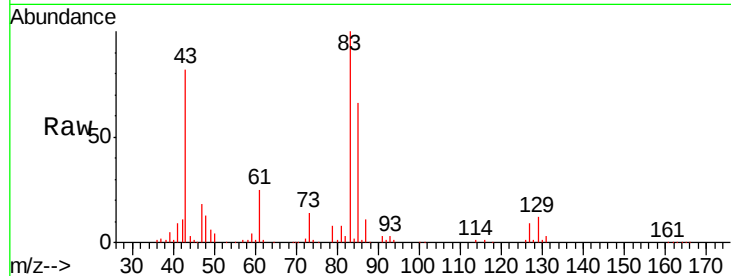
ClientSampleId :

VX1015WBSD01

Tgt Ion:	83	Resp:	65372
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.9	76.3
127	9.0	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.19 ug/l

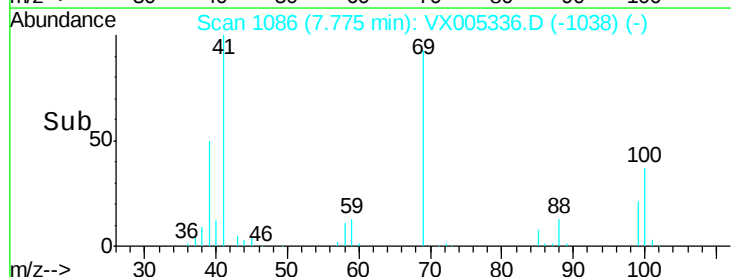
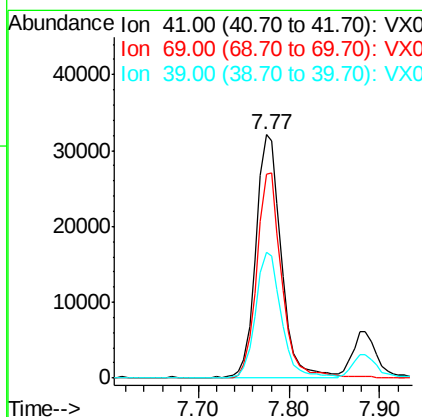
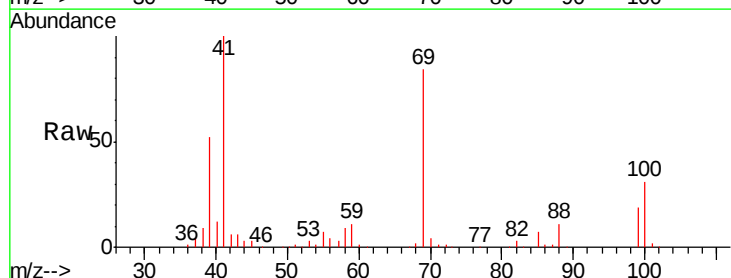
RT: 7.77 min Scan# 1086

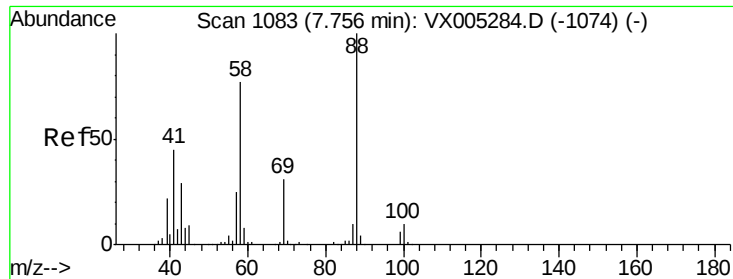
Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	41	Resp:	61887
Ion	Ratio	Lower	Upper
41	100		
69	83.6	70.2	105.4
39	52.7	42.7	64.1





#49

1,4-Dioxane

Concen: 396.25 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

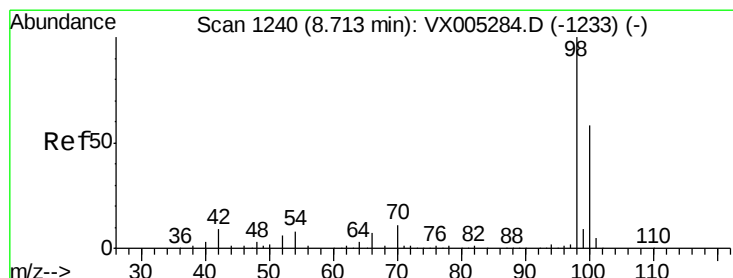
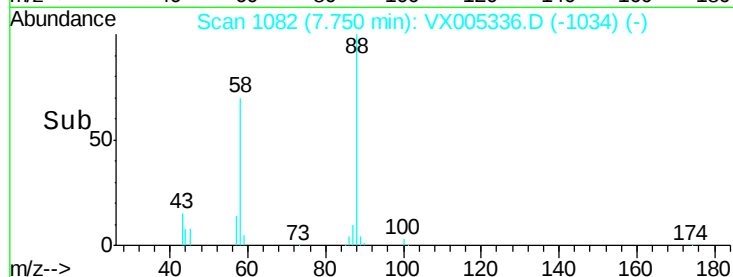
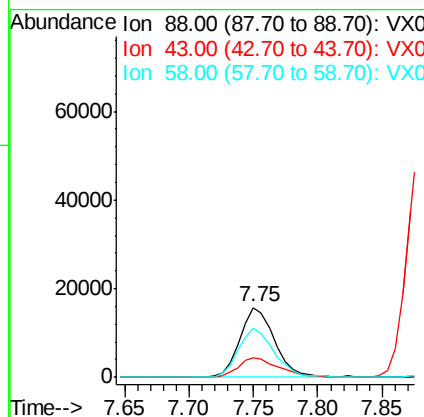
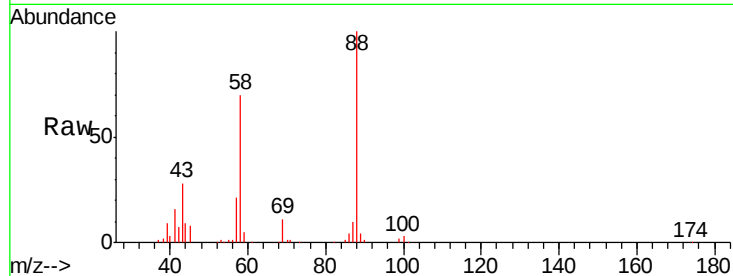
ClientSampleId :

VX1015WBSD01

Tgt Ion:	88	Resp:	29471
Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.7	37.1
58	73.0	55.3	82.9

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#50

Toluene-d8

Concen: 51.56 ug/l

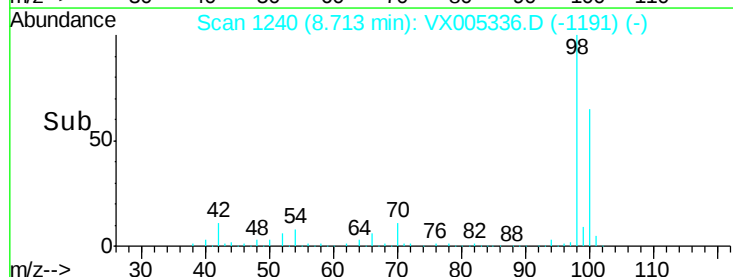
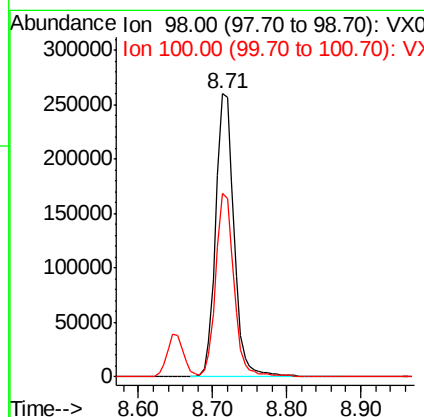
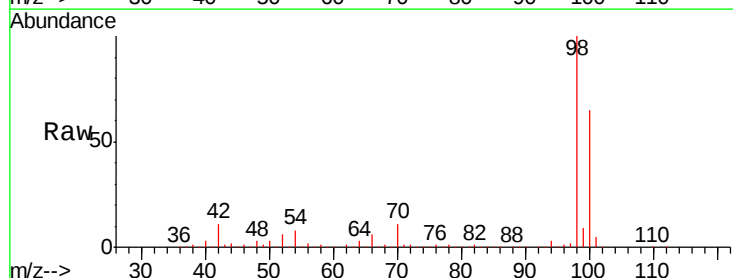
RT: 8.71 min Scan# 1240

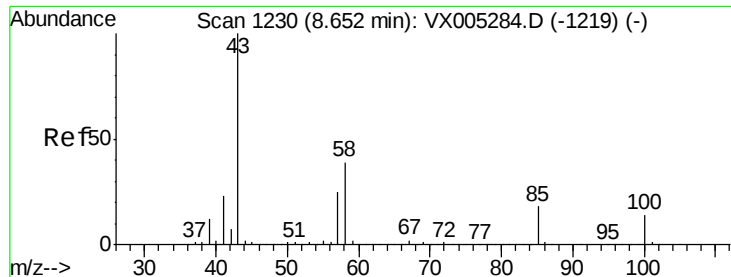
Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	98	Resp:	439332
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.9	79.3





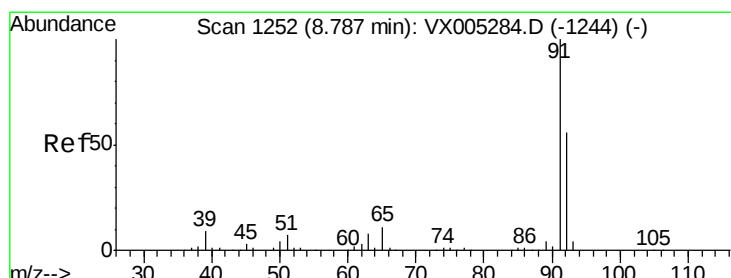
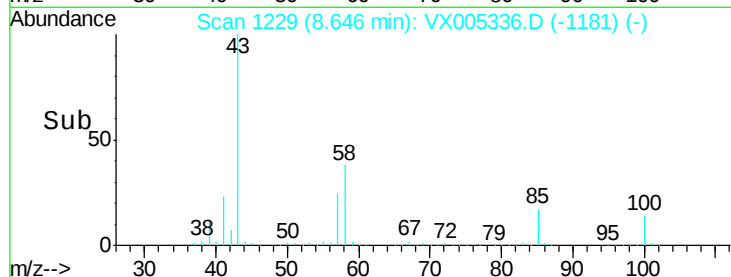
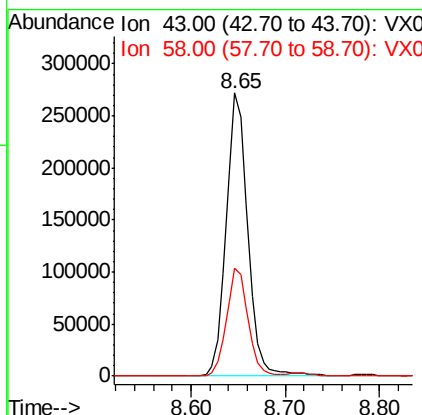
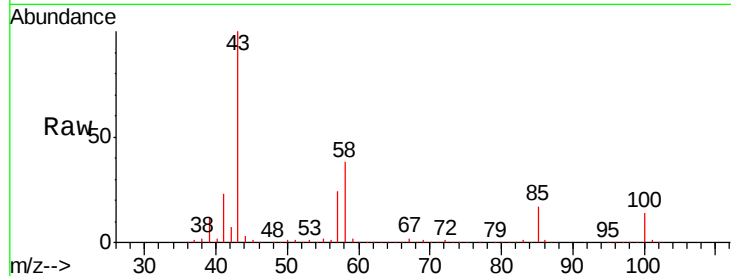
#51
4-Methyl-2-Pentanone
Concen: 100.35 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion: 43 Resp: 431991
Ion Ratio Lower Upper
43 100
58 37.7 33.1 49.7

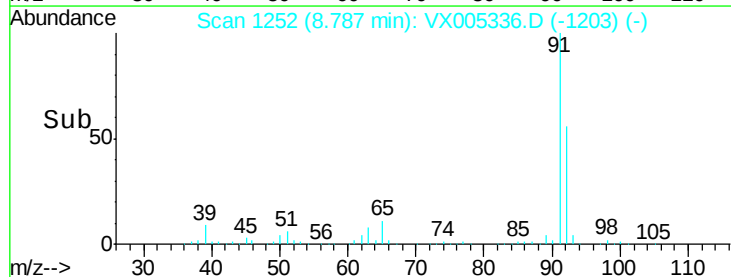
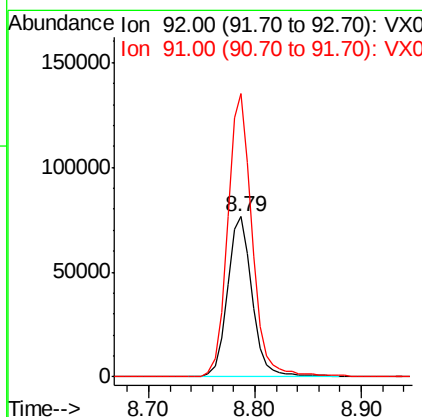
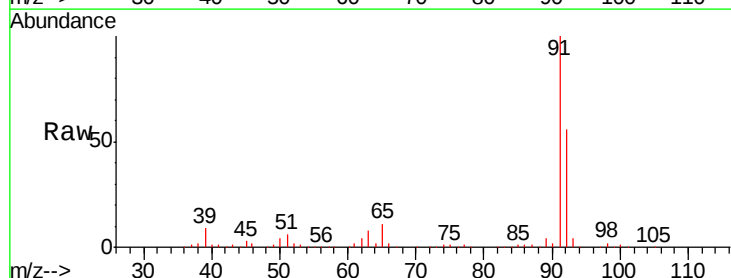
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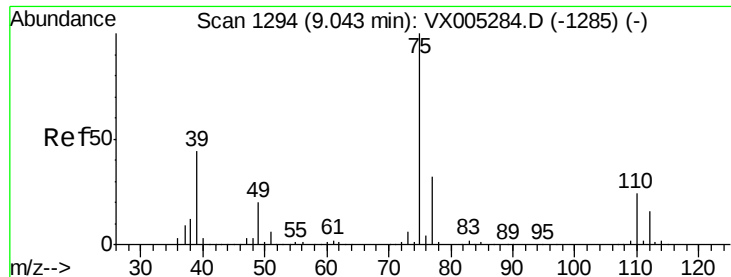
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#52
Toluene
Concen: 20.91 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 92 Resp: 124534
Ion Ratio Lower Upper
92 100
91 175.4 136.4 204.6





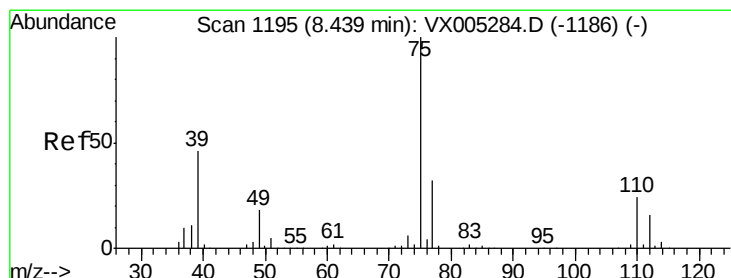
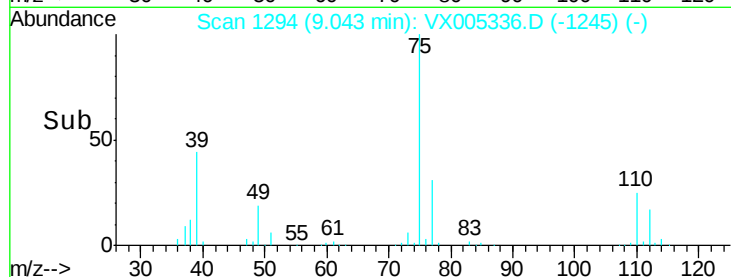
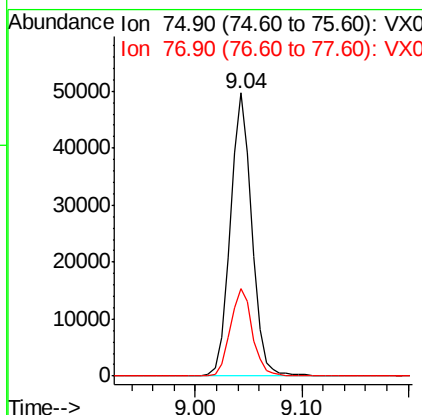
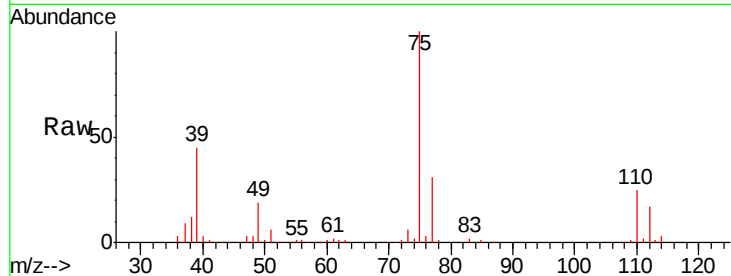
#53
t-1,3-Dichloropropene
Concen: 19.99 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion: 75 Resp: 70532
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0

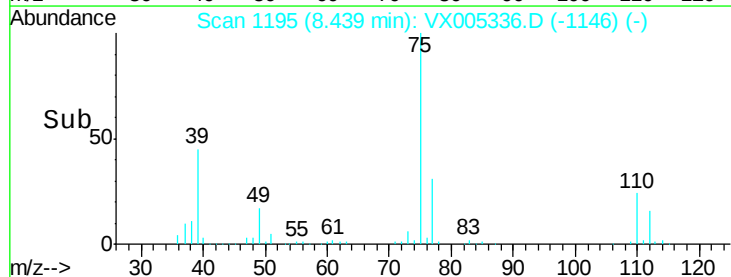
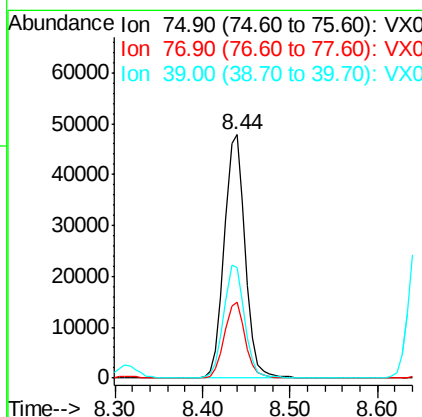
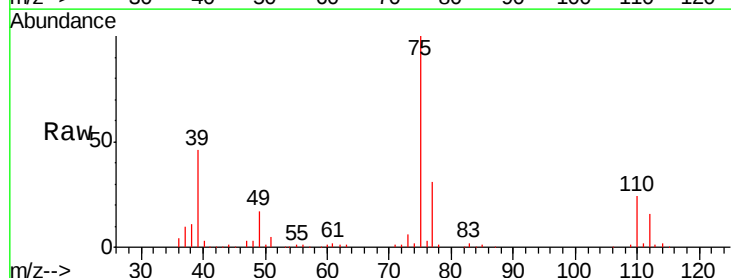
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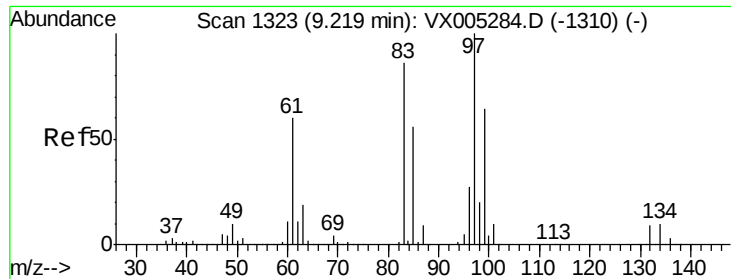
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#54
cis-1,3-Dichloropropene
Concen: 20.65 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 75 Resp: 78960
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2
39 45.4 36.4 54.6





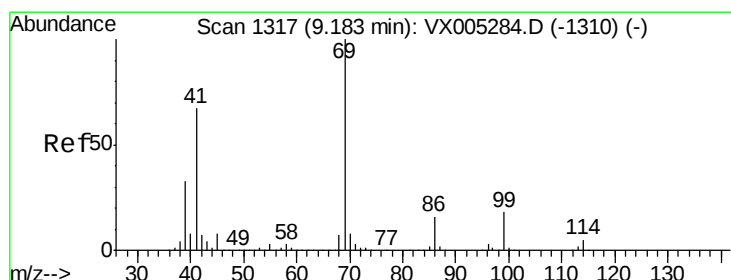
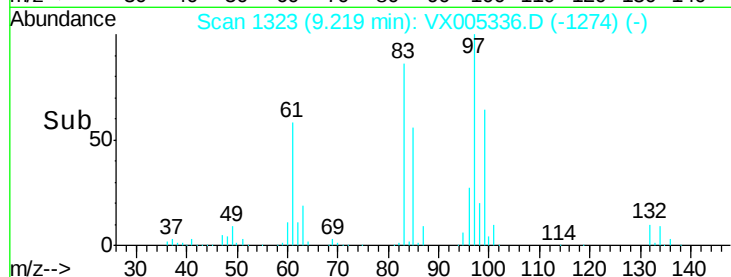
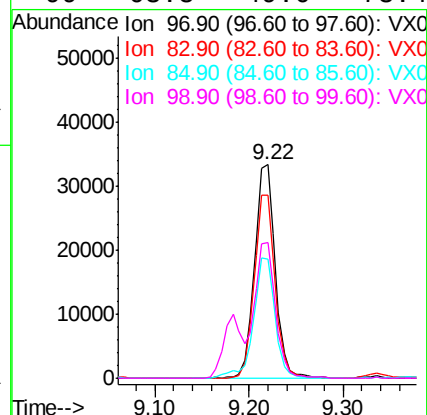
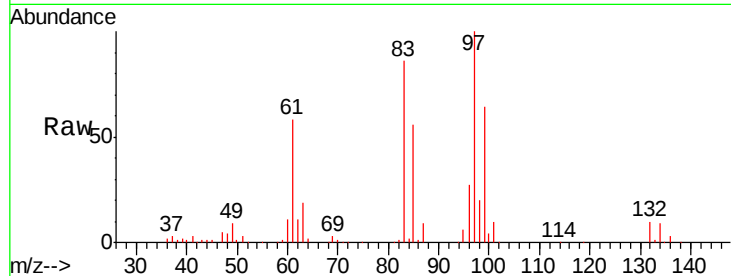
#55
 1,1,2-Trichloroethane
 Concen: 20.45 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		51590		
83	86.0	66.4	99.6		
85	55.7	43.3	64.9		
99	63.8	49.0	73.4		

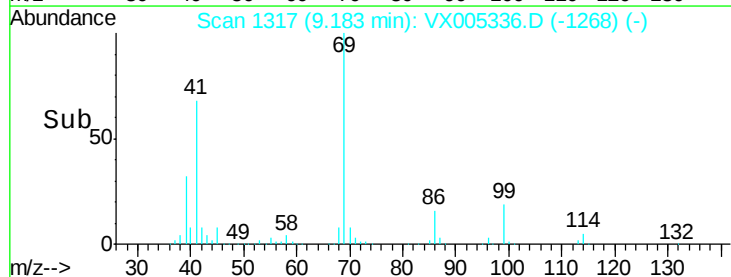
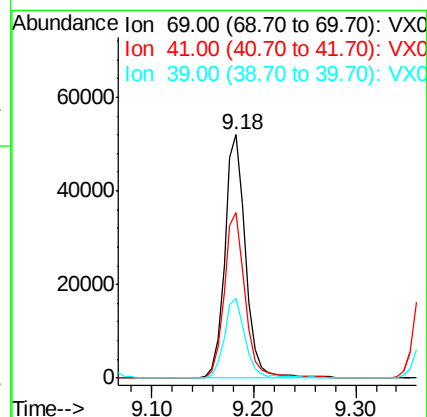
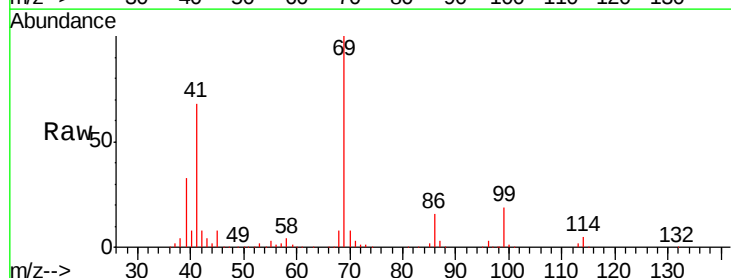
Manual Integrations
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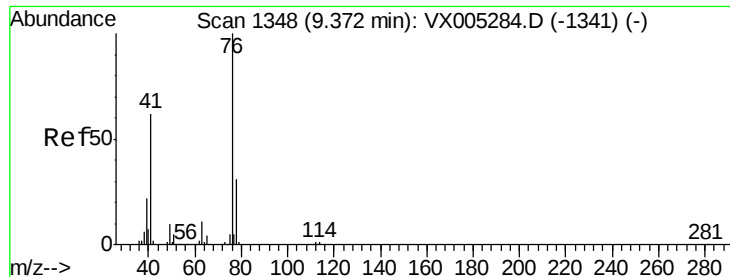
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#56
 Ethyl methacrylate
 Concen: 20.11 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		73968		
41	68.5	51.0	76.4		
39	33.5	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 20.30 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 76 Resp: 85471

Ion Ratio Lower Upper

76 100

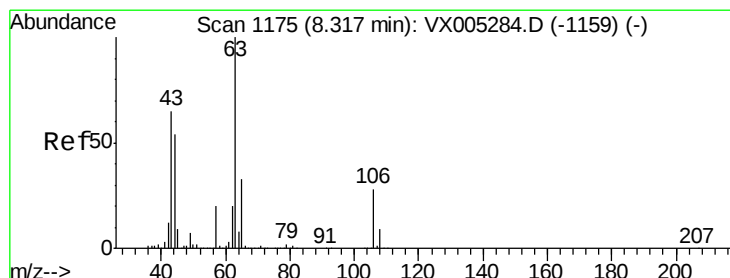
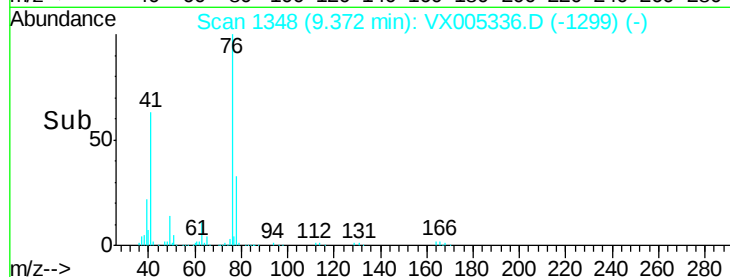
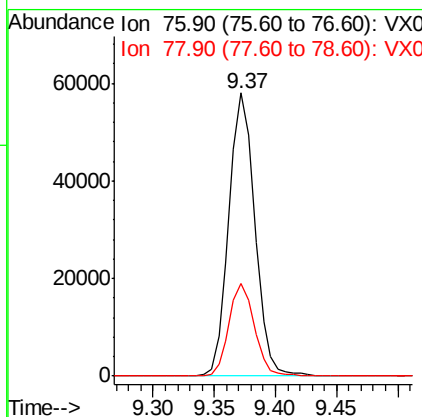
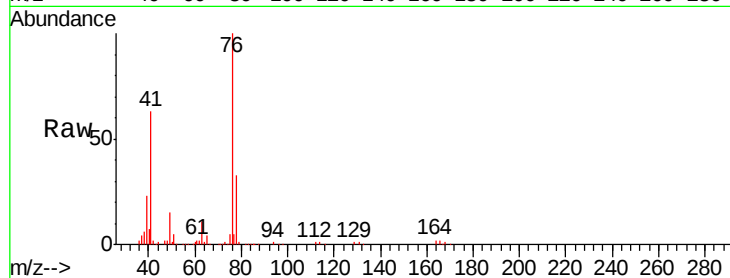
78 32.2 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 102.46 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005336.D

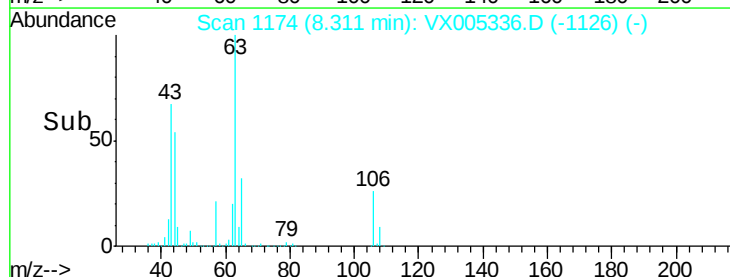
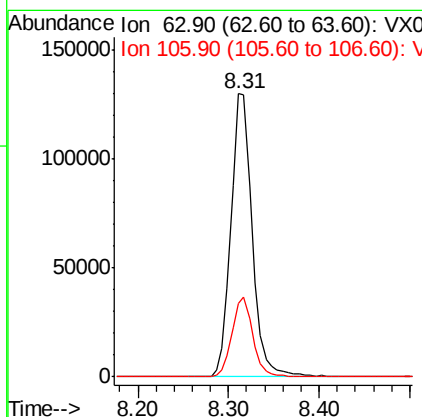
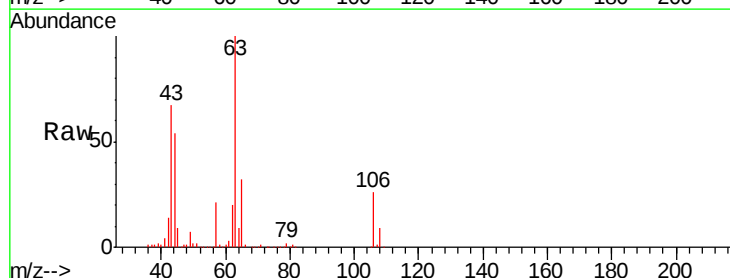
Acq: 15 Oct 2018 11:55

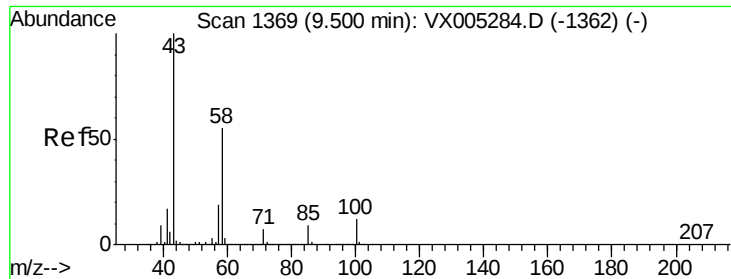
Tgt Ion: 63 Resp: 211315

Ion Ratio Lower Upper

63 100

106 27.5 23.9 35.9





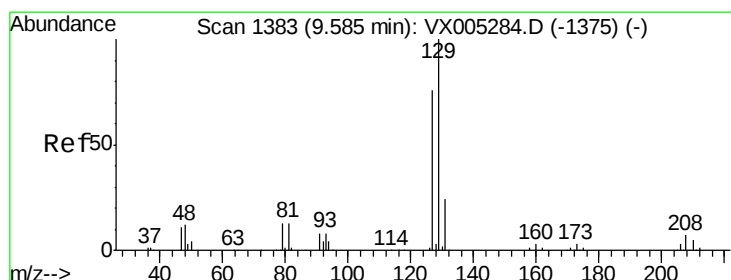
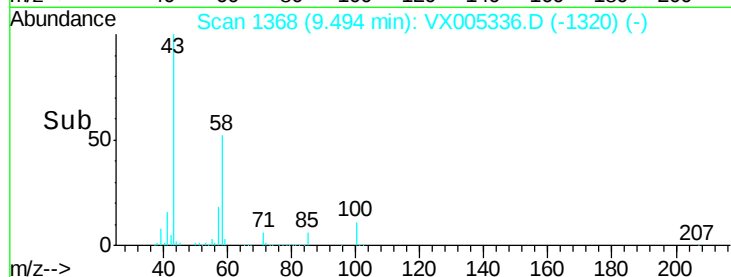
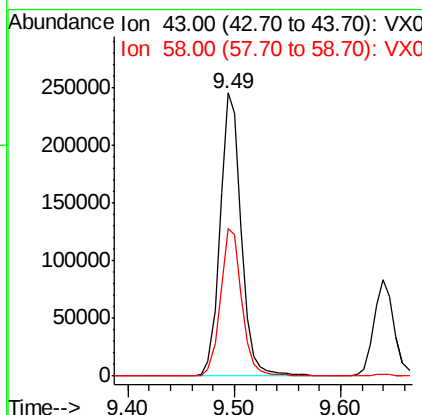
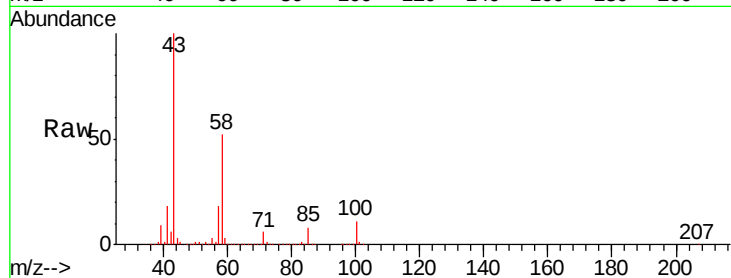
#59
2-Hexanone
Concen: 97.96 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion: 43 Resp: 339224
Ion Ratio Lower Upper
43 100
58 52.8 29.0 87.0

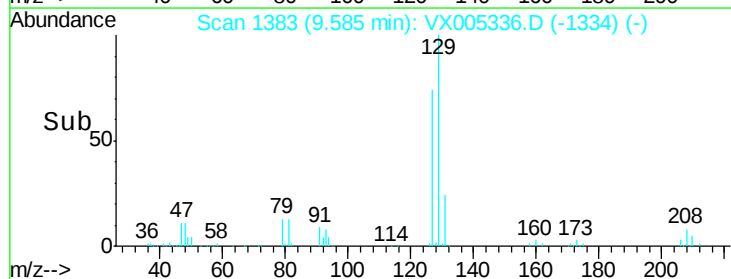
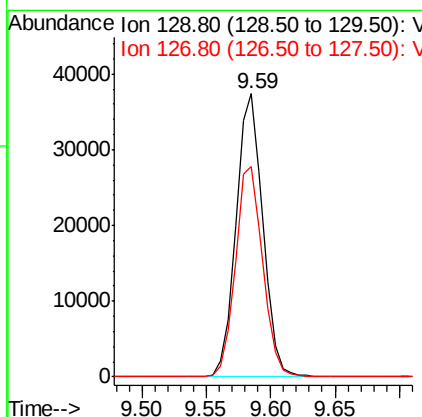
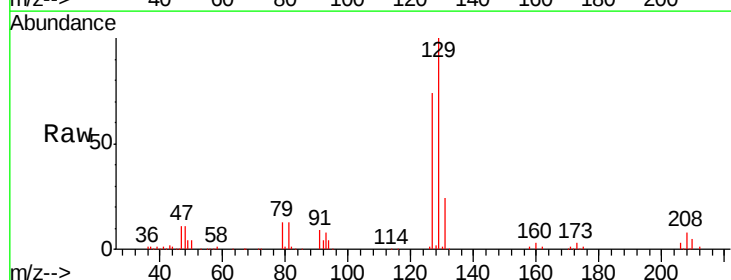
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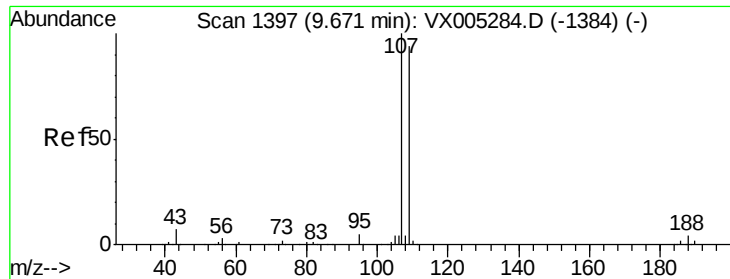
MMDadoda
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#60
Dibromochloromethane
Concen: 20.68 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 129 Resp: 53916
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.43 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 107 Resp: 54084

Ion Ratio Lower Upper

107 100

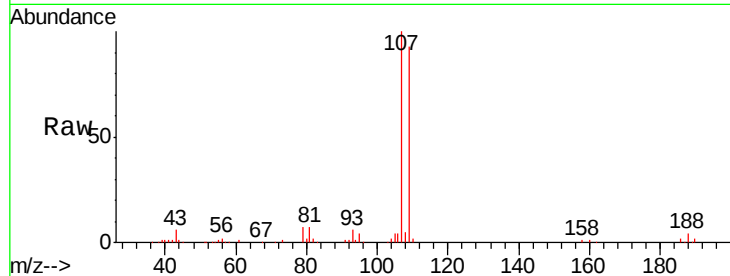
109 94.2 76.0 114.0

Manual Integrations

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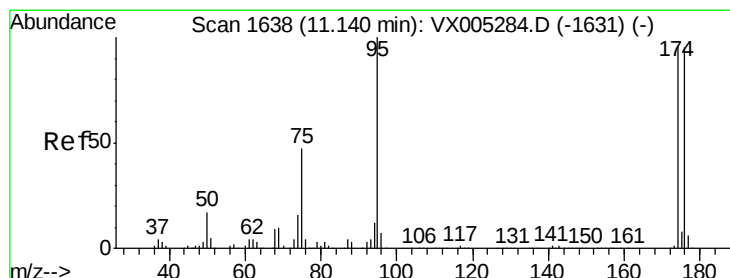
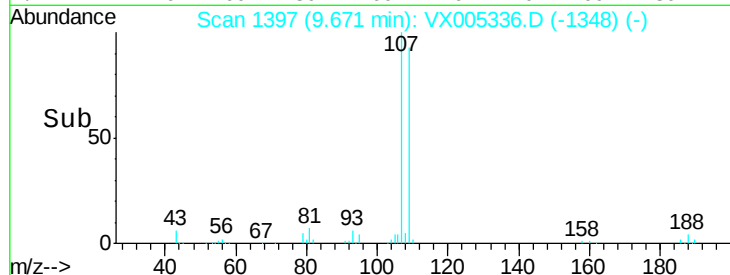
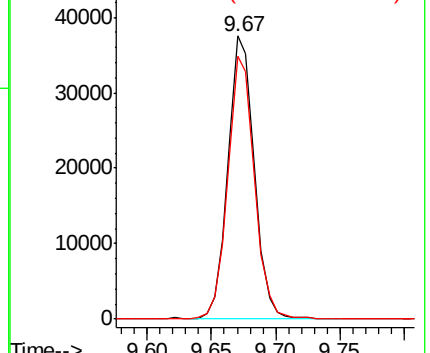
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.25 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

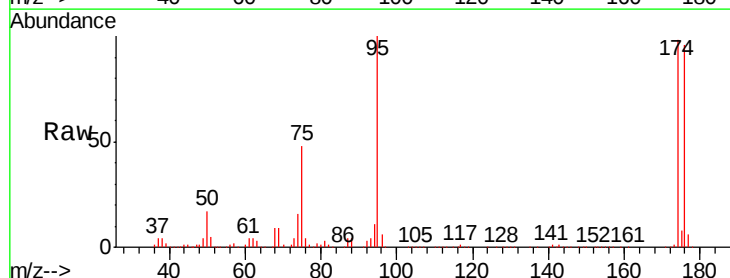
Tgt Ion: 95 Resp: 160853

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.2

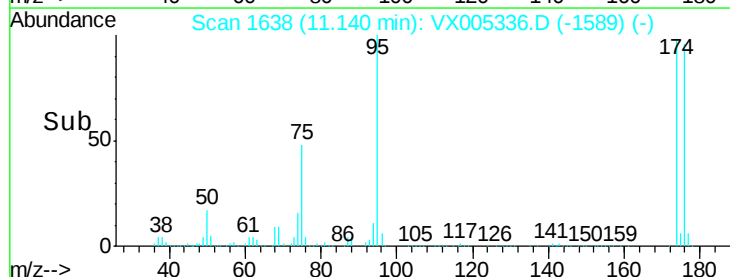
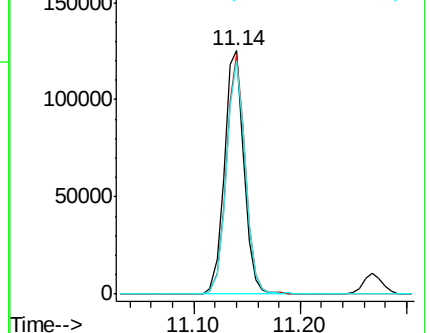
176 93.0 0.0 178.6

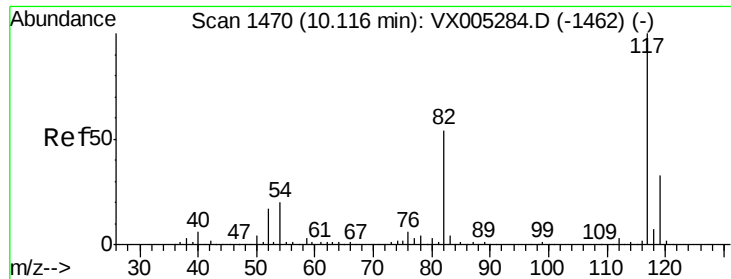


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

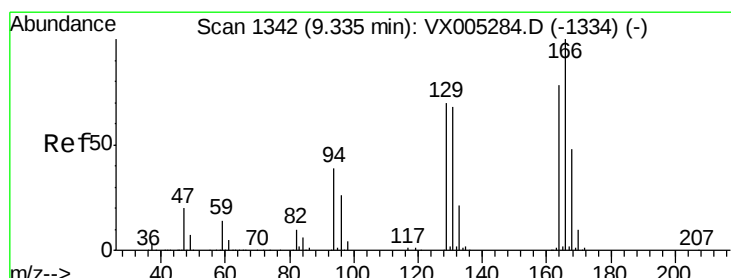
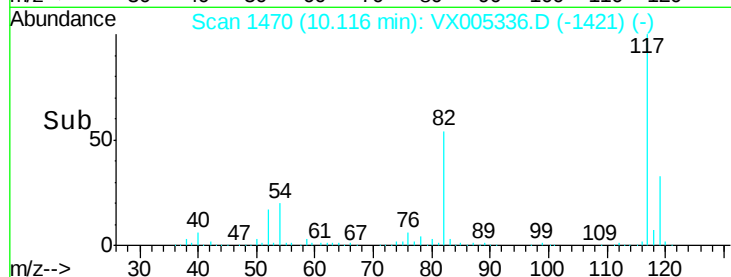
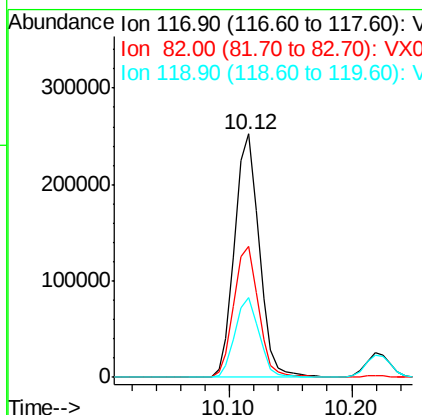
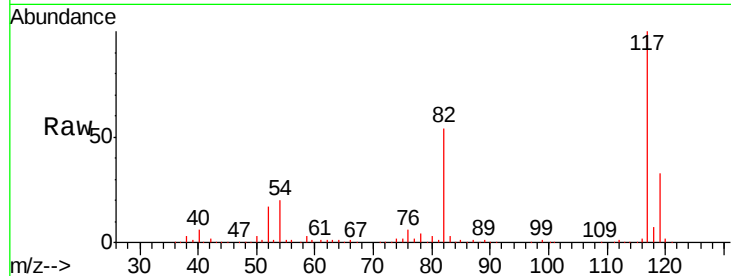
ClientSampleId :

VX1015WBSD01

Tgt Ion:	117	Resp:	351967
Ion Ratio	Lower	Upper	
117	100		
82	53.8	47.8	71.6
119	32.9	29.3	43.9

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.96 ug/l

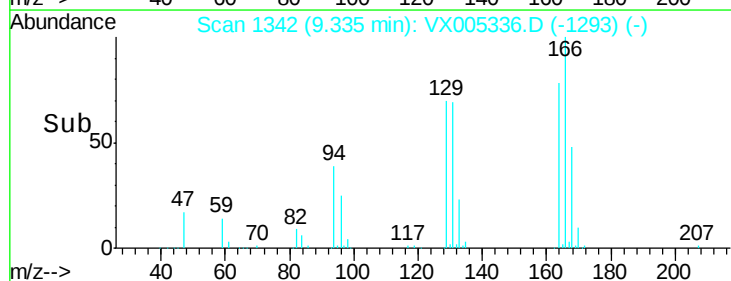
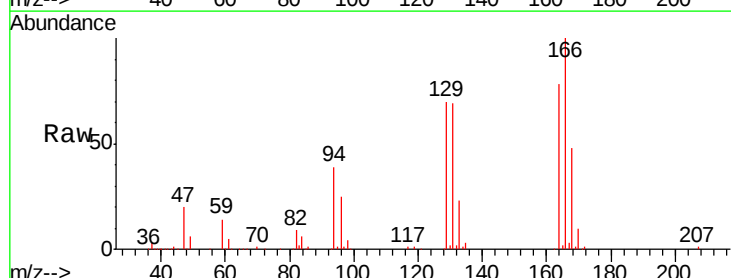
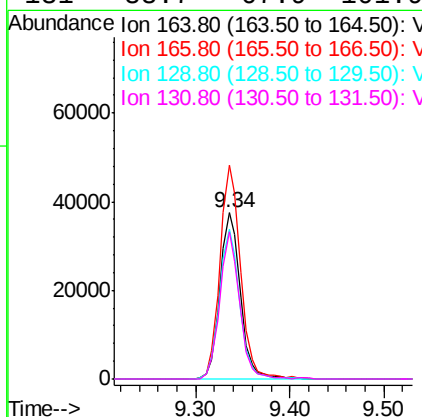
RT: 9.34 min Scan# 1342

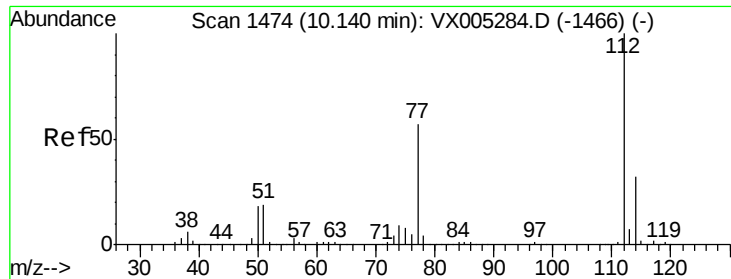
Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	164	Resp:	56570
Ion Ratio	Lower	Upper	
164	100		
166	128.5	102.8	154.2
129	89.8	69.4	104.0
131	88.7	67.9	101.9





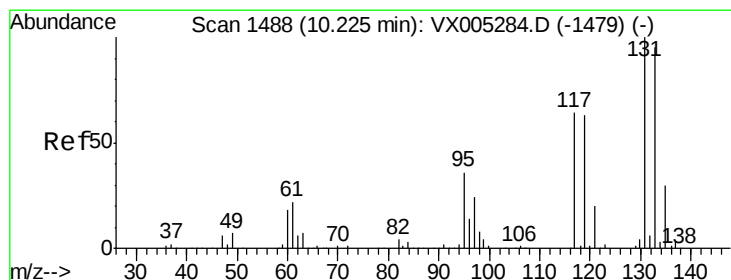
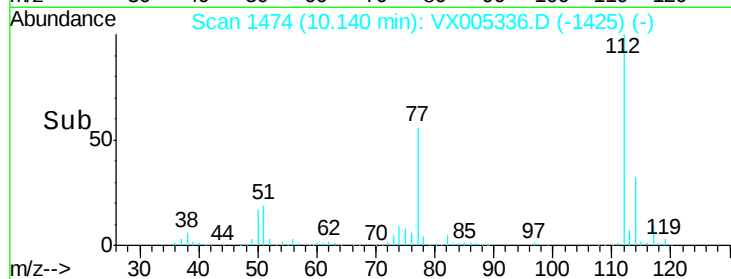
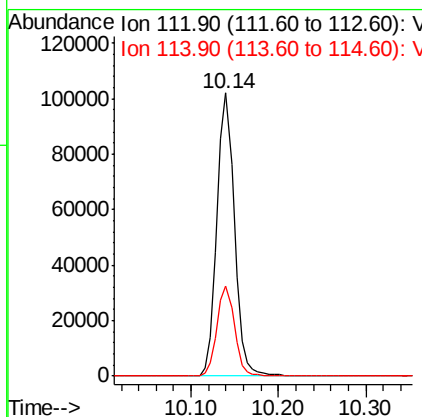
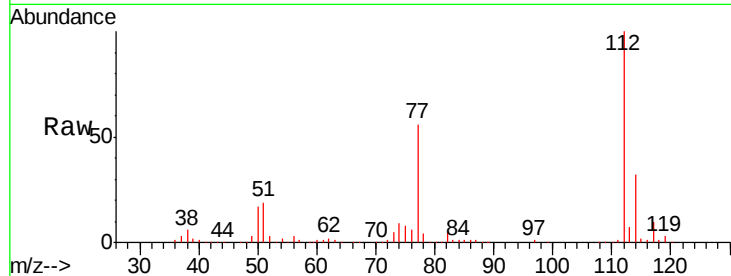
#65
Chlorobenzene
Concen: 18.96 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion:112 Resp: 141922
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8

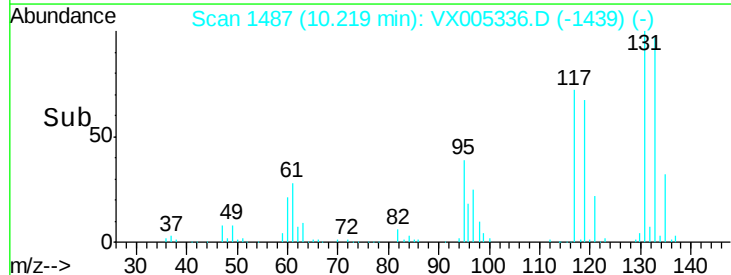
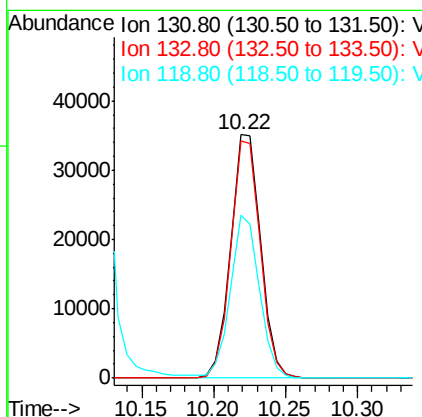
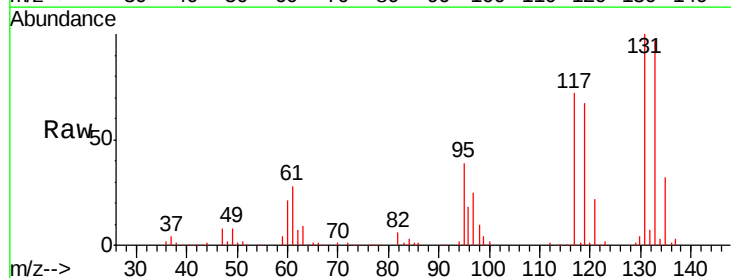
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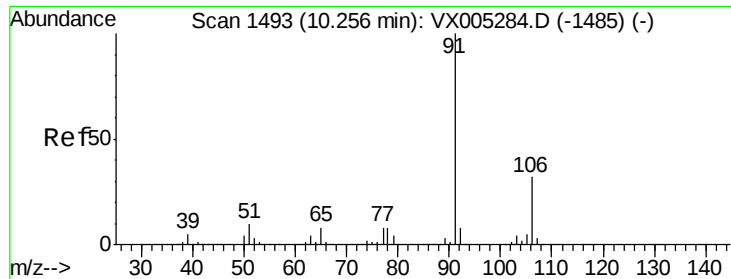
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.24 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:131 Resp: 51327
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 65.1 32.9 98.6





#67

Ethyl Benzene

Concen: 19.26 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 91 Resp: 234372

Ion Ratio Lower Upper

91 100

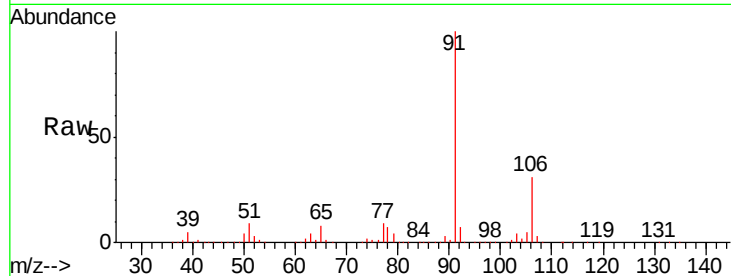
106 31.1 25.9 38.9

Manual Integrations

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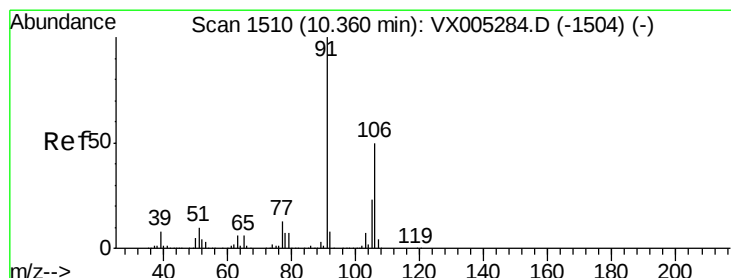
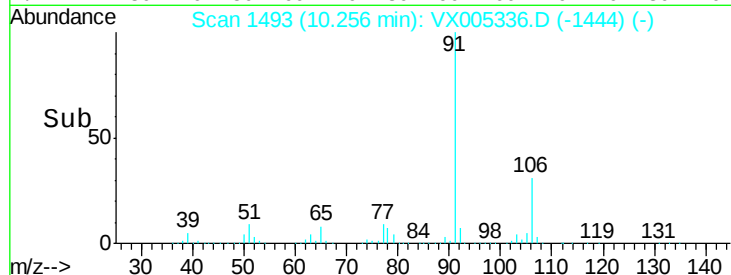
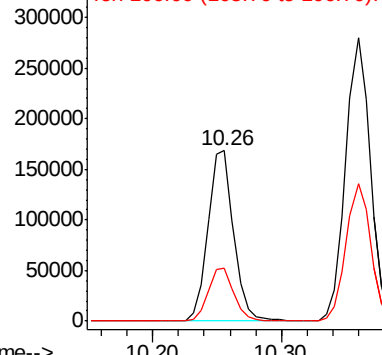
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.90 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005336.D

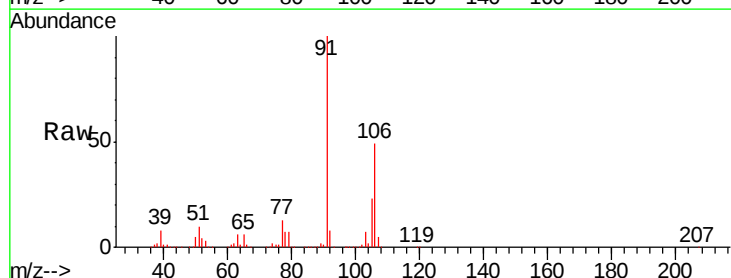
Acq: 15 Oct 2018 11:55

Tgt Ion: 106 Resp: 183764

Ion Ratio Lower Upper

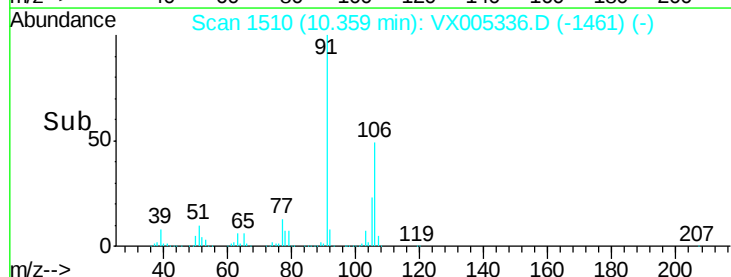
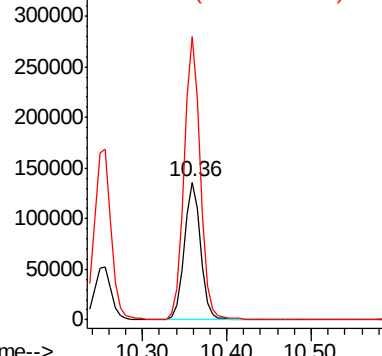
106 100

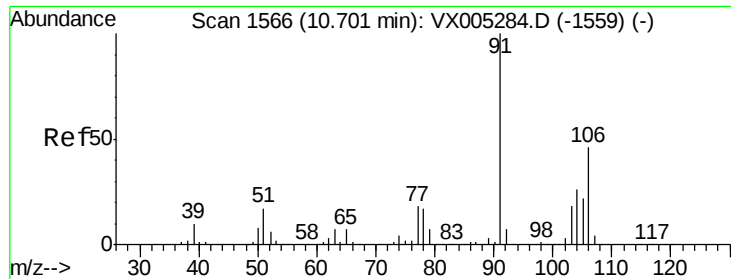
91 203.9 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





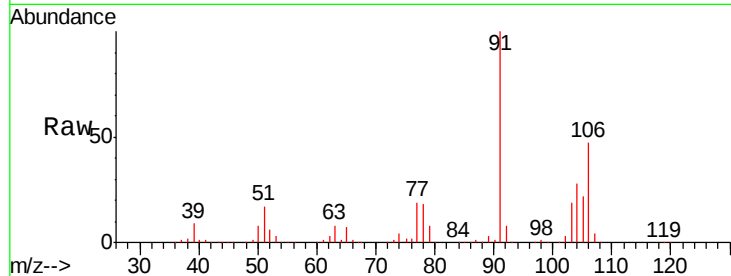
#69
o-Xylene
Concen: 19.20 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

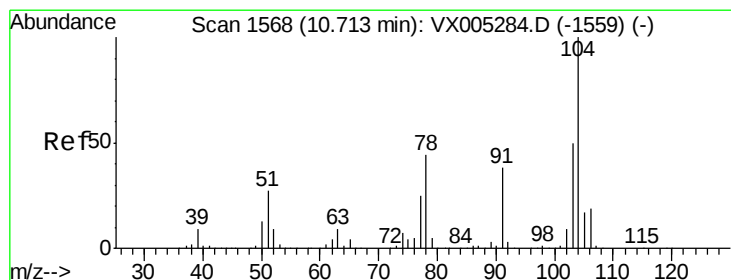
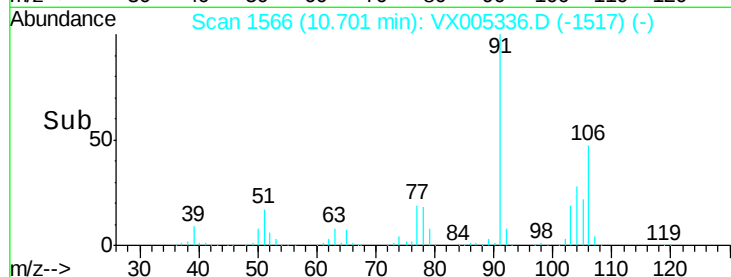
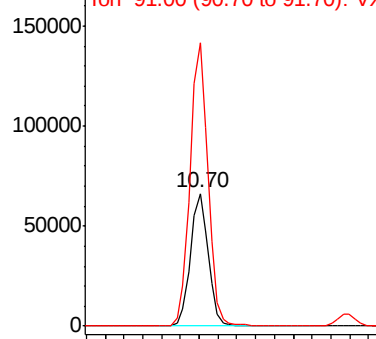
Tgt Ion:106 Resp: 87457
Ion Ratio Lower Upper
106 100
91 214.7 105.1 315.1

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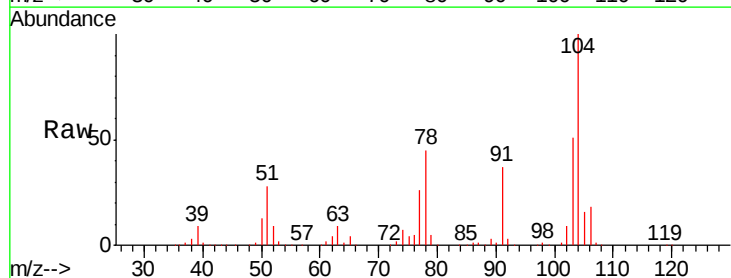


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

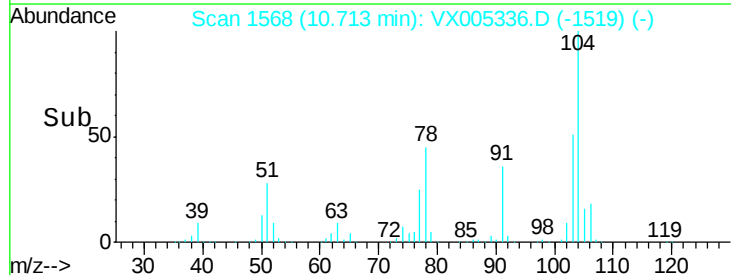
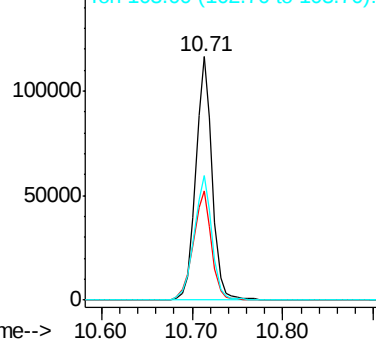


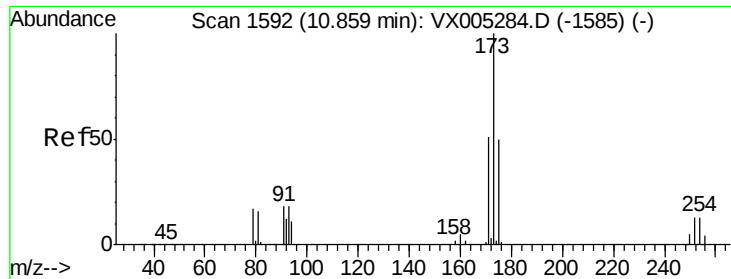
#70
Styrene
Concen: 19.76 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:104 Resp: 148079
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.8 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





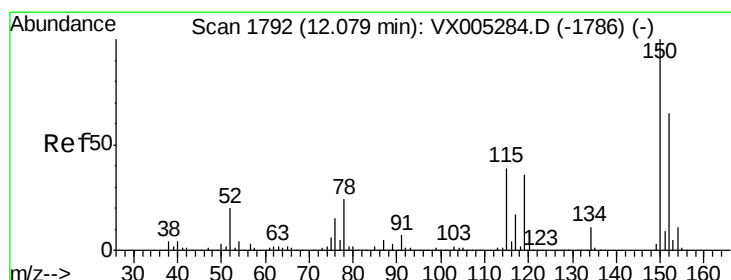
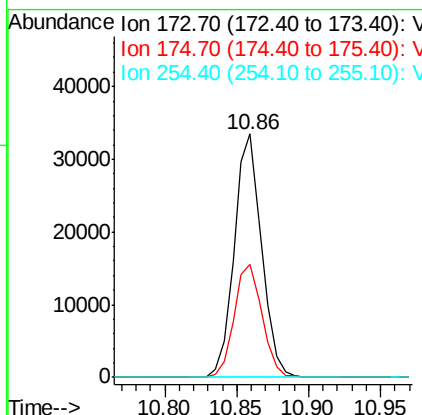
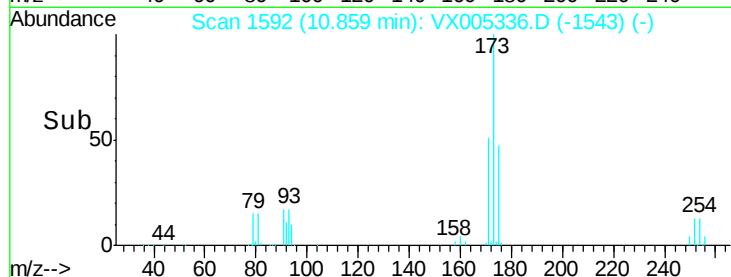
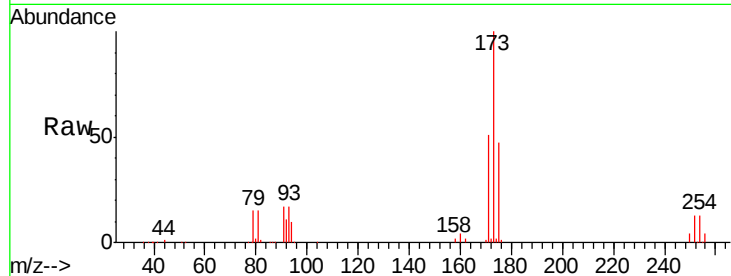
#71
Bromoform
Concen: 18.54 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion:173 Resp: 44202
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.3
254 0.2 0.2 0.2

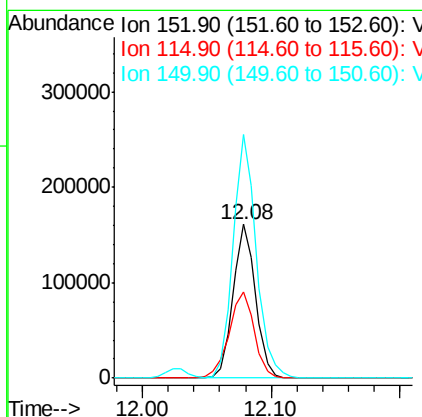
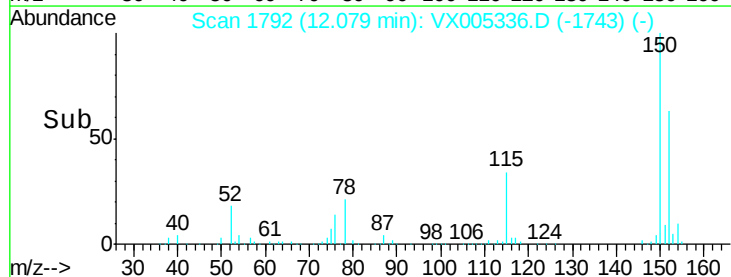
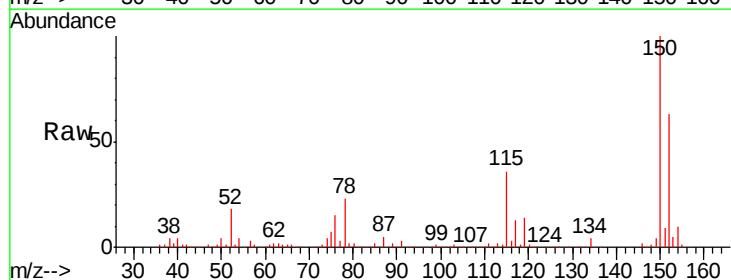
Manual Integrations
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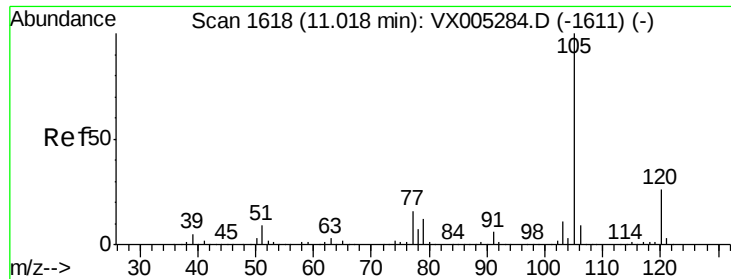
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:152 Resp: 196078
Ion Ratio Lower Upper
152 100
115 63.4 39.0 117.0
150 163.7 0.0 351.0





#73

Isopropylbenzene

Concen: 20.55 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 105 Resp: 239530

Ion Ratio Lower Upper

105 100

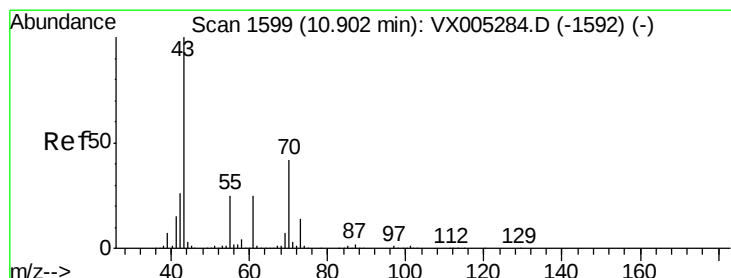
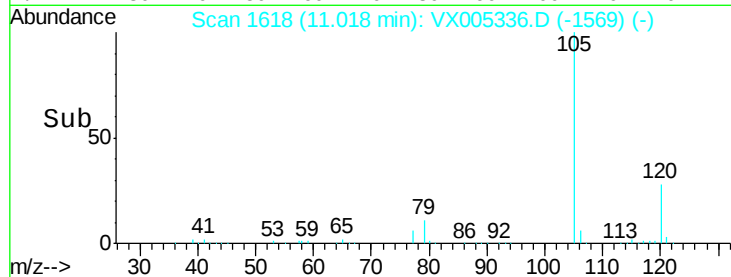
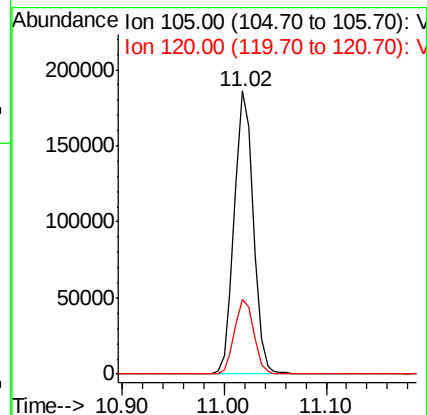
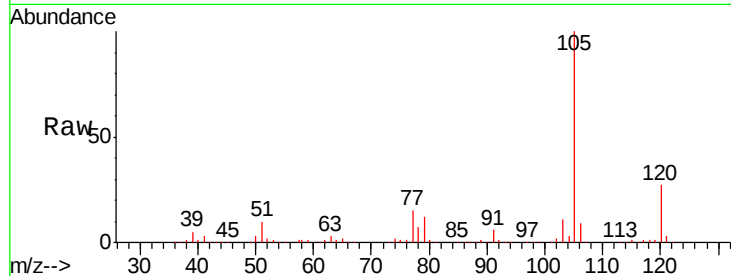
120 26.9 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.92 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion: 43 Resp: 106372

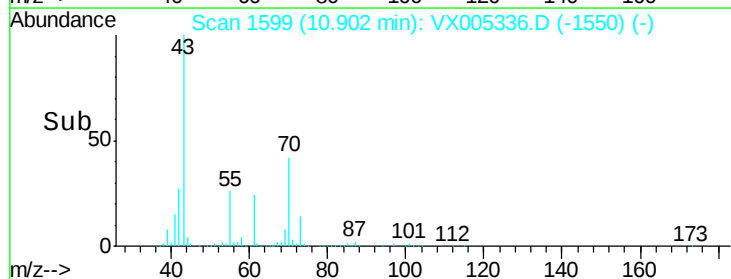
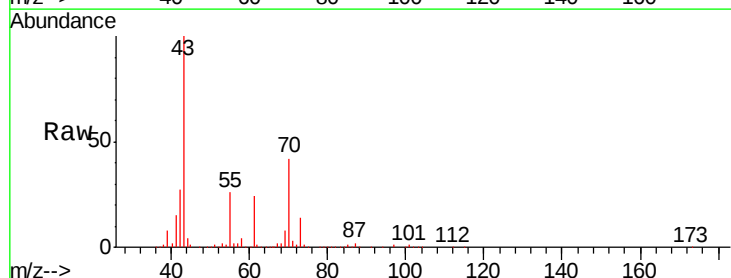
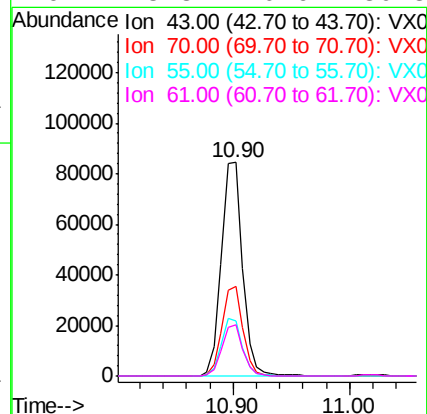
Ion Ratio Lower Upper

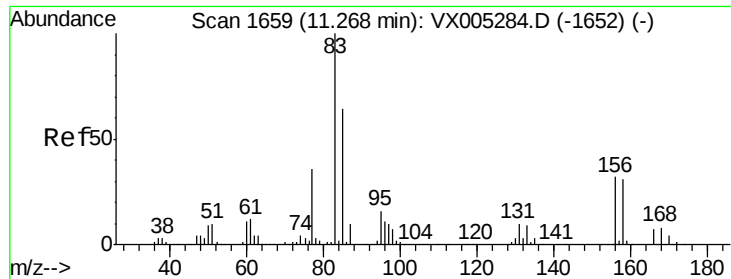
43 100

70 41.4 37.4 56.0

55 26.6 21.8 32.8

61 23.3 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.72 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 83 Resp: 82328
Ion Ratio Lower Upper

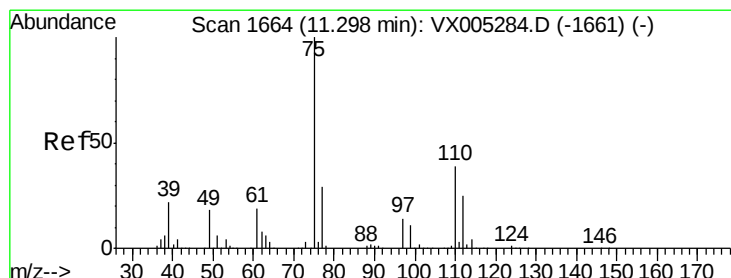
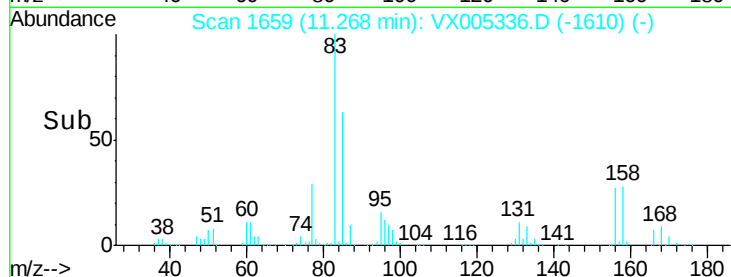
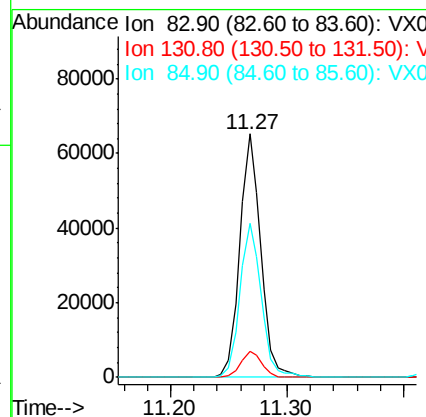
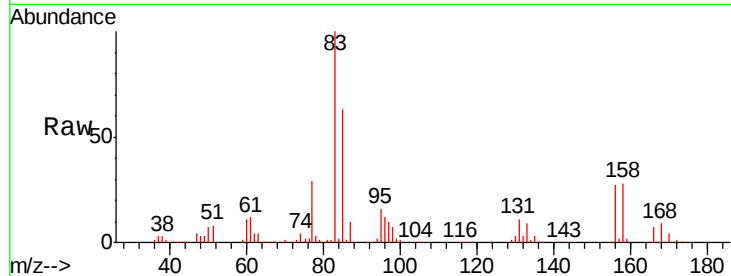
83 100

131 10.9 5.2 15.6

85 64.2 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 20.53 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

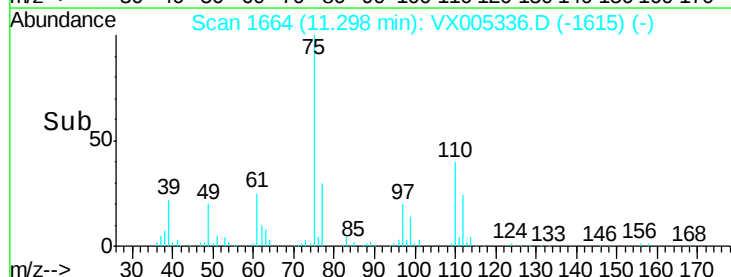
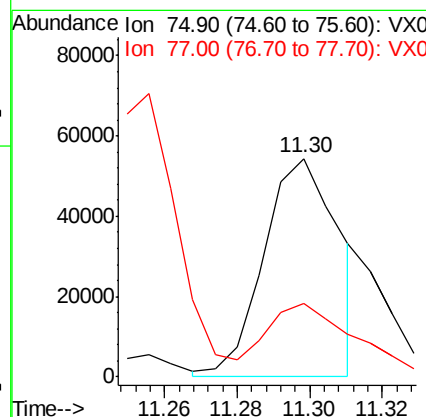
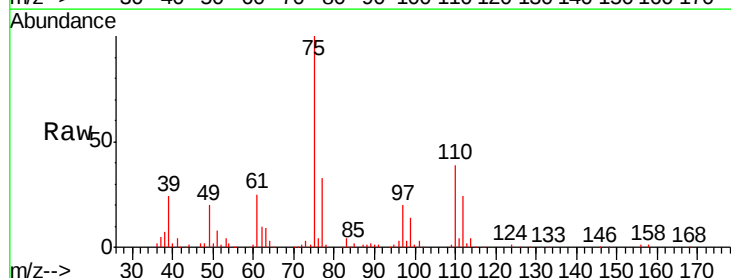
Lab File: VX005336.D

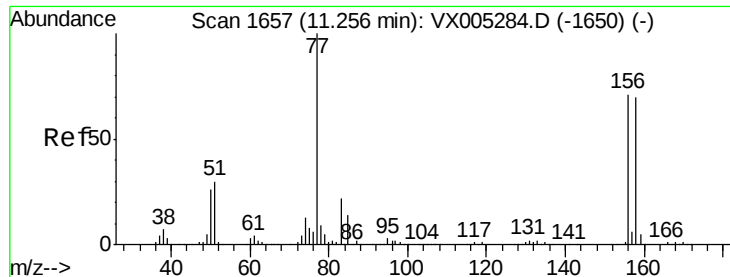
Acq: 15 Oct 2018 11:55

Tgt Ion: 75 Resp: 78094
Ion Ratio Lower Upper

75 100

77 39.4 20.2 60.6





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

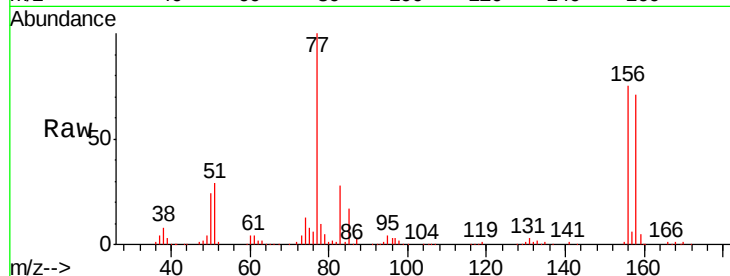
ClientSampleId :

VX1015WBSD01

Tgt Ion:	156	Resp:	67020
Ion Ratio	Lower	Upper	
156	100		
77	140.5	71.5	214.3
158	96.5	48.9	146.8

Manual Integrations
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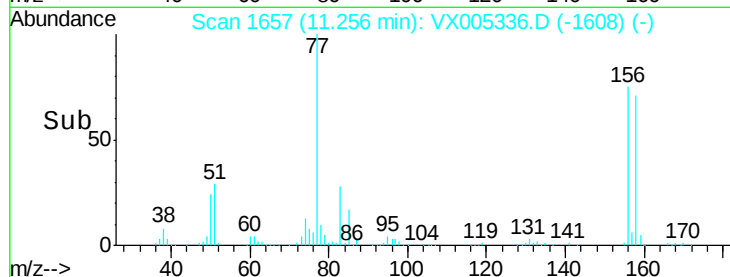


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

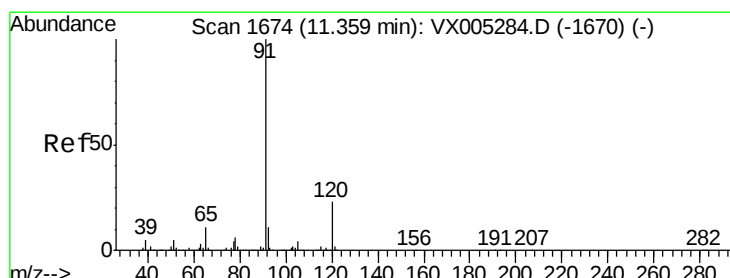
Ion 157.80 (157.50 to 158.50): V

Time-->



11.26

Time-->



#78

n-propylbenzene

Concen: 20.54 ug/l

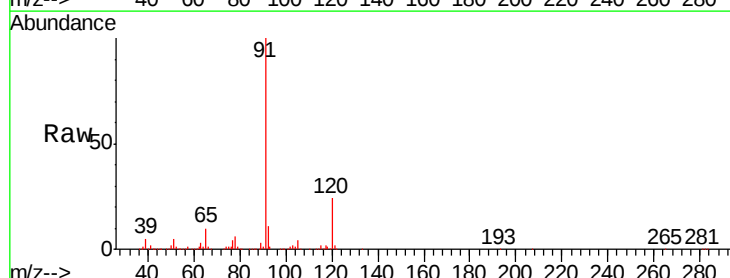
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

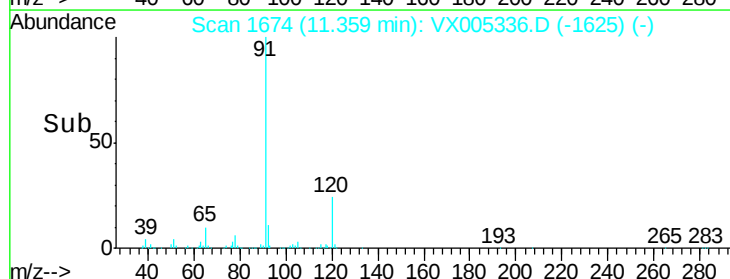
Tgt Ion:	91	Resp:	275562
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

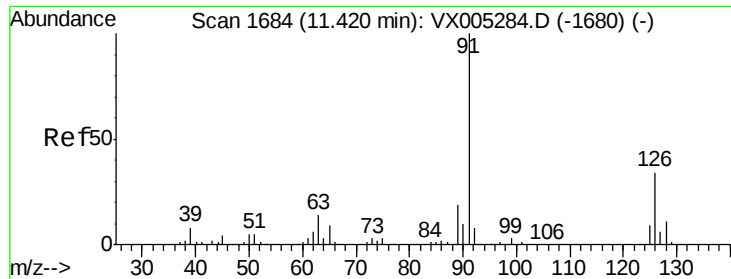
Ion 120.00 (119.70 to 120.70): V

Time-->



11.36

Time-->



#79

2-Chlorotoluene

Concen: 20.02 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 91 Resp: 164454

Ion Ratio Lower Upper

91 100

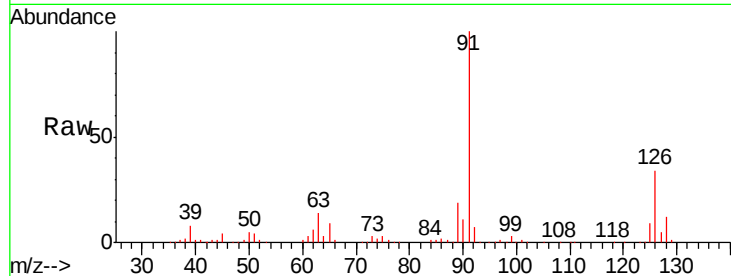
126 34.7 17.9 53.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX005284.D (-1680) (-)

250000

200000

150000

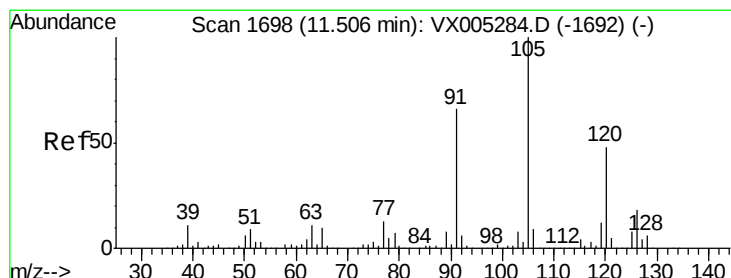
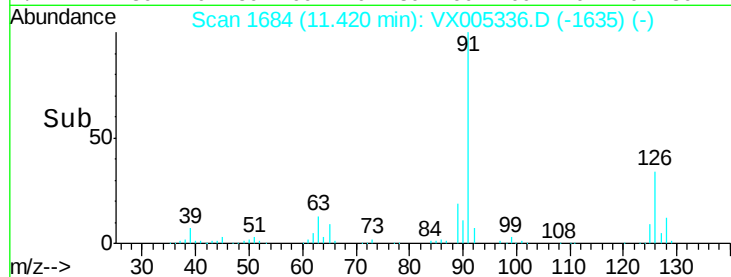
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.37 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005336.D

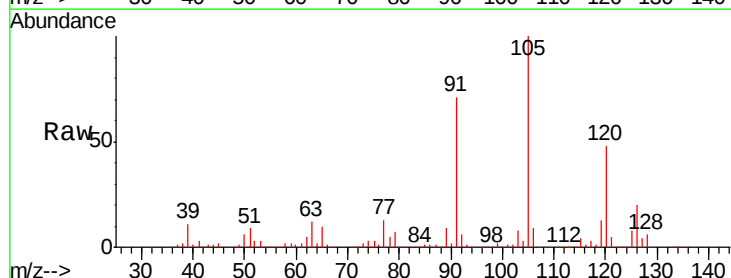
Acq: 15 Oct 2018 11:55

Tgt Ion: 105 Resp: 203316

Ion Ratio Lower Upper

105 100

120 49.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX005284.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005284.D (-1692) (-)

200000

150000

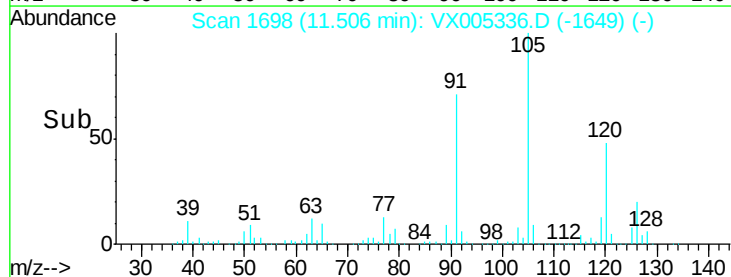
100000

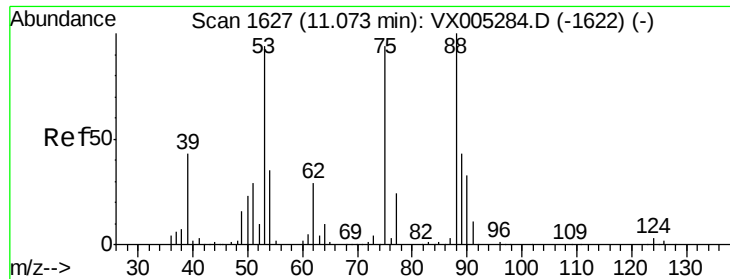
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.20 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tgt Ion: 75 Resp: 22786
Ion Ratio Lower Upper

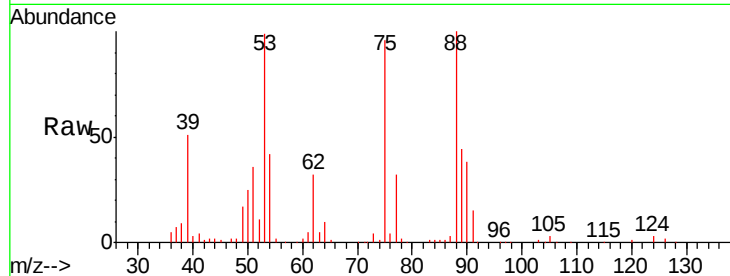
75 100

53 101.3 80.1 120.1

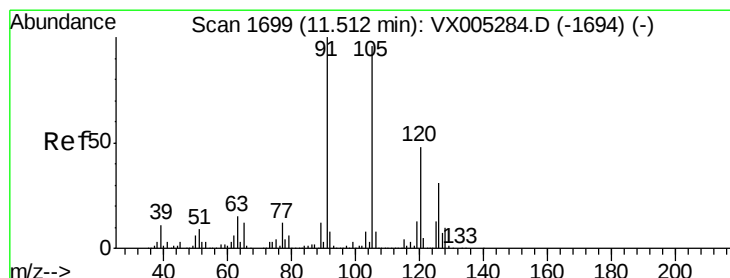
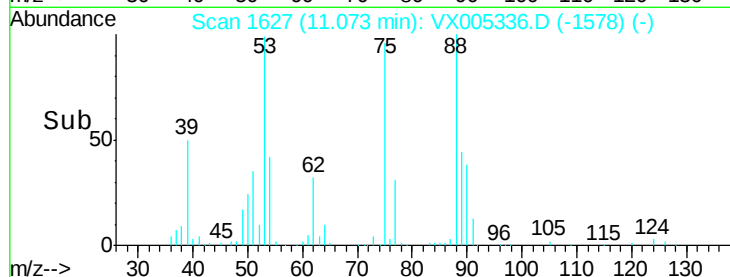
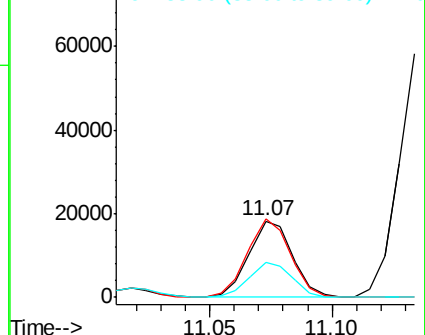
89 45.5 37.2 55.8

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.80 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

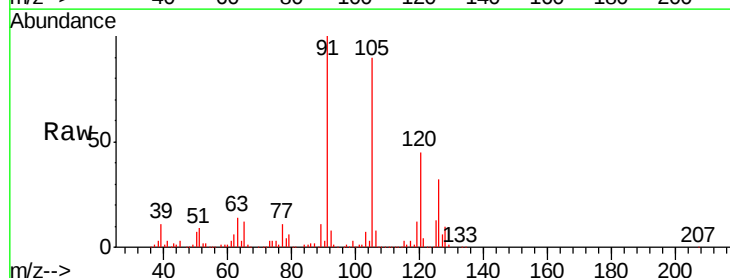
Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

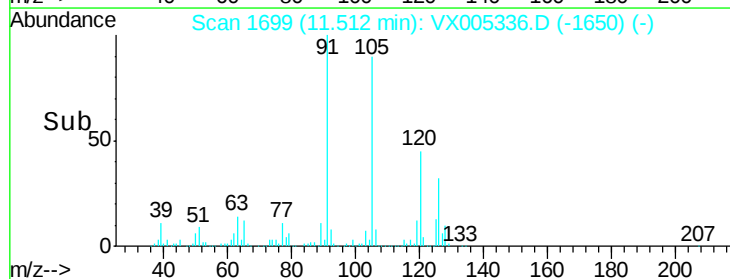
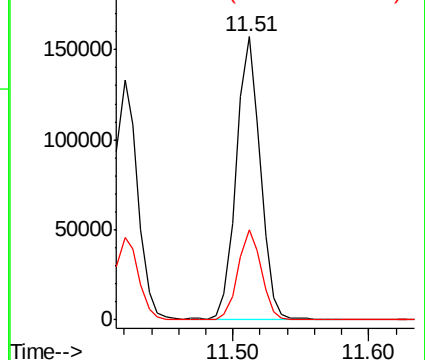
Tgt Ion: 91 Resp: 192846
Ion Ratio Lower Upper

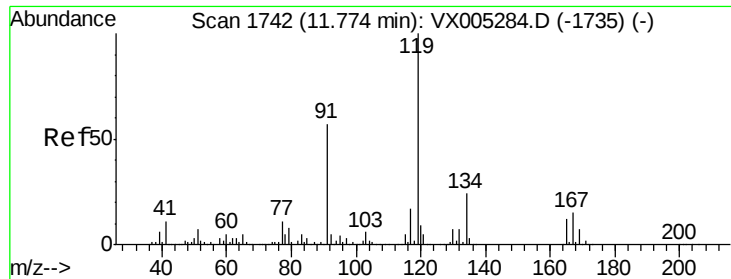
91 100

126 31.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





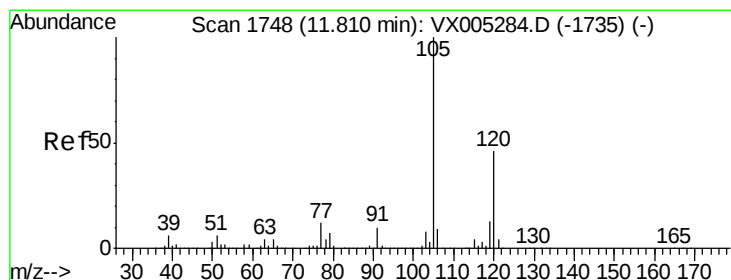
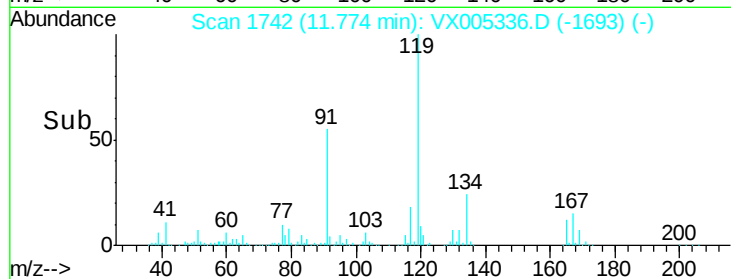
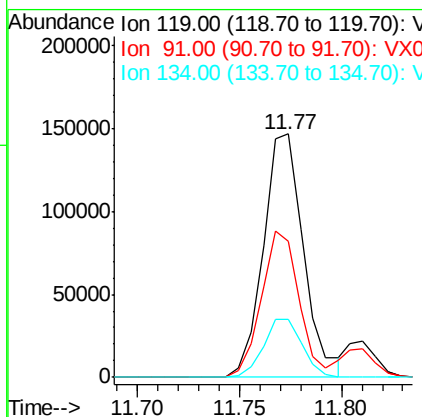
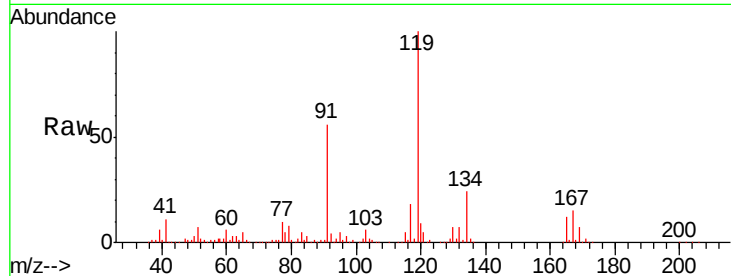
#83
 tert-Butylbenzene
 Concen: 19.99 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	202067		
91	56.0	27.0	81.0	
134	23.2	11.7	35.1	

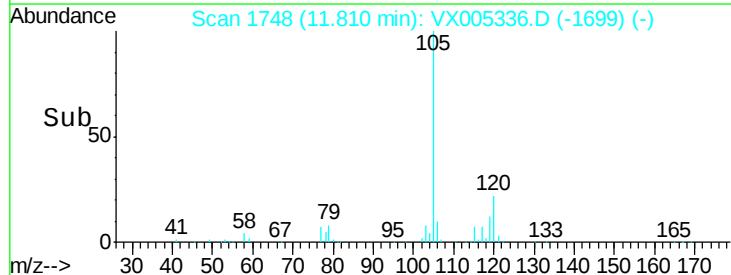
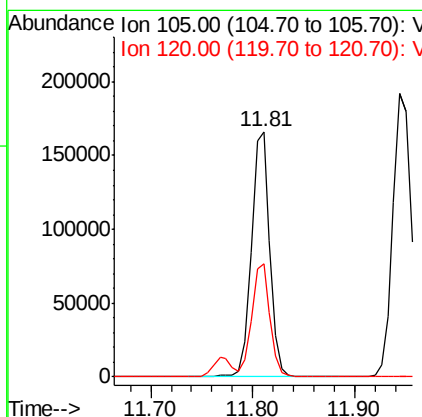
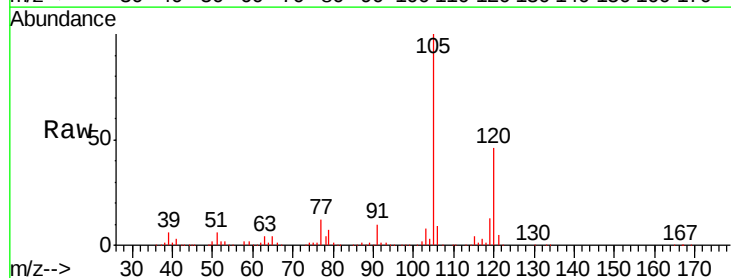
Manual Integrations
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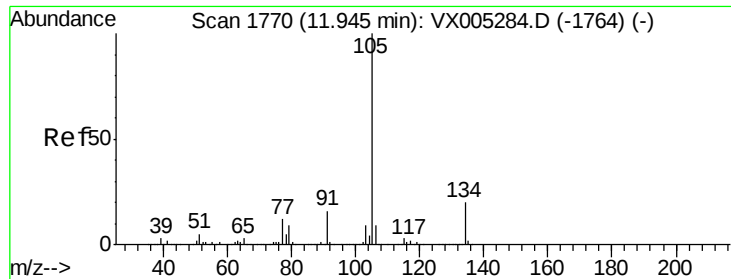
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.33 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208882		
120	45.7	23.2	69.6	





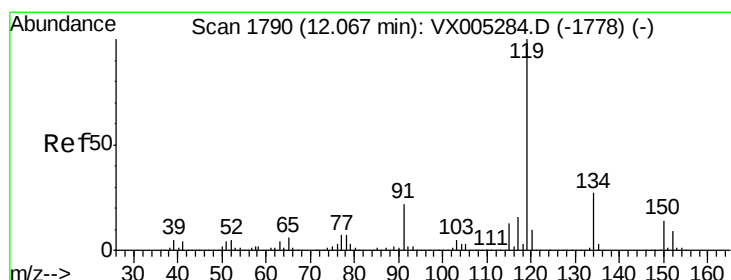
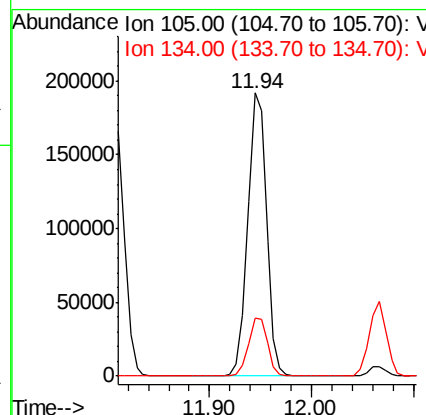
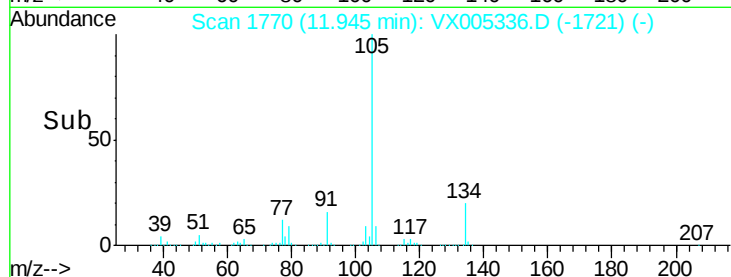
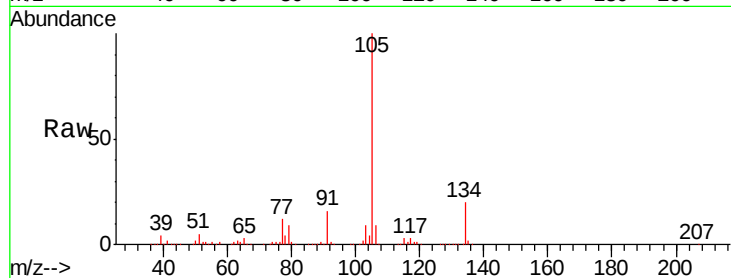
#85
 sec-Butylbenzene
 Concen: 20.38 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

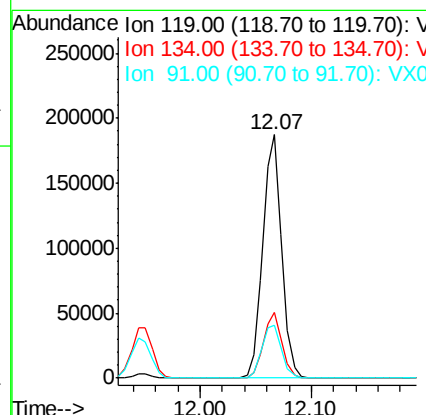
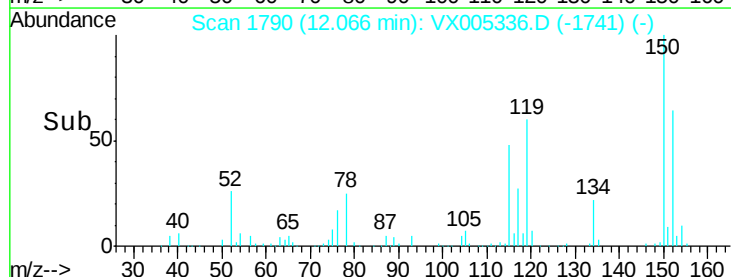
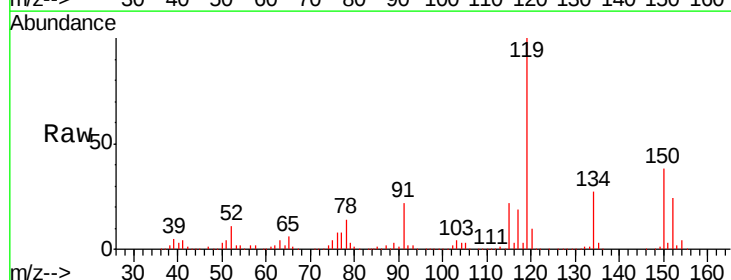
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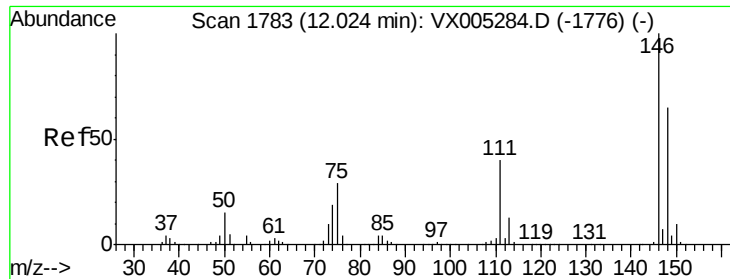
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#86
 p-Isopropyltoluene
 Concen: 20.46 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.2
91	22.7	10.9	32.7





#87

1,3-Dichlorobenzene

Concen: 19.48 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

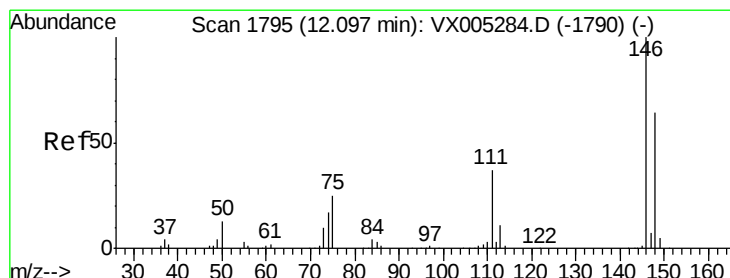
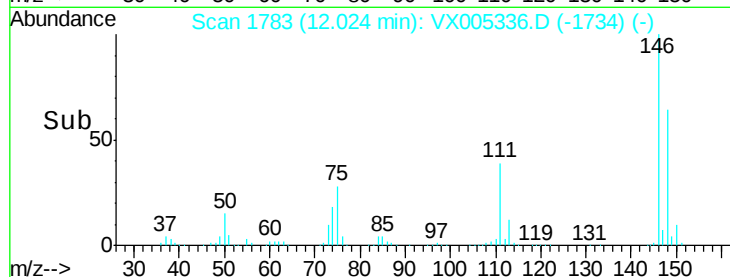
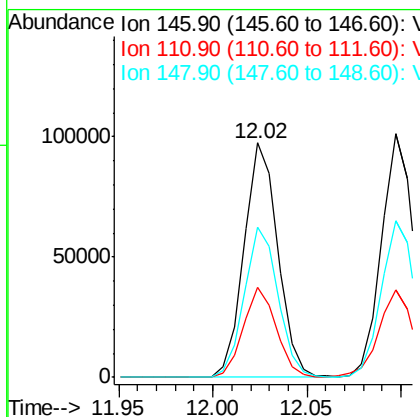
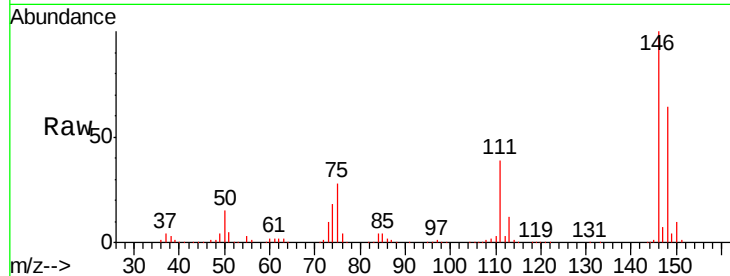
ClientSampleId :

VX1015WBSD01

Tgt Ion:	146	Resp:	121335
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.7	56.1
148	64.2	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.37 ug/l

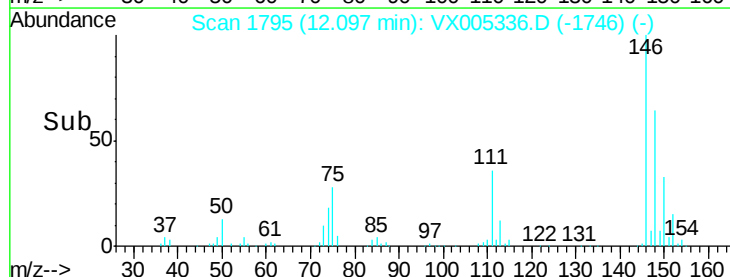
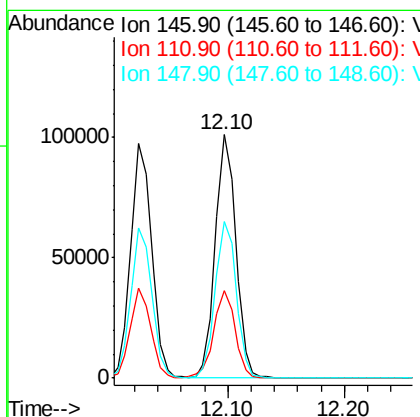
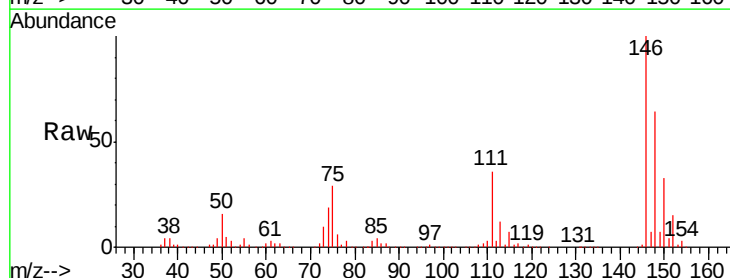
RT: 12.10 min Scan# 1795

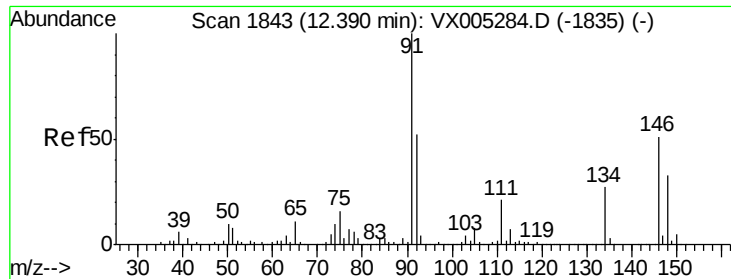
Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion:	146	Resp:	123434
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.1	54.1
148	65.9	32.0	96.0





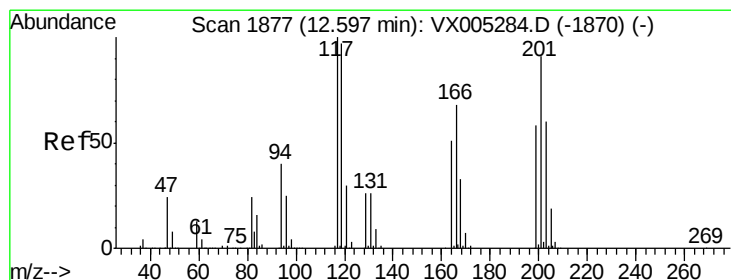
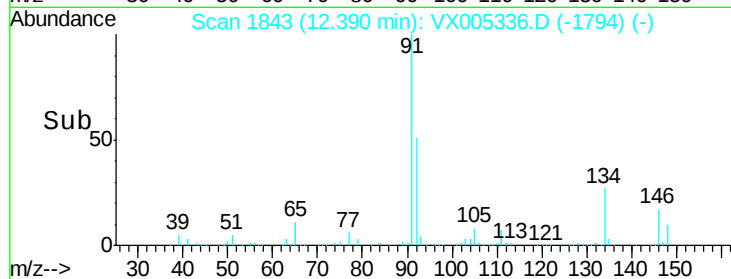
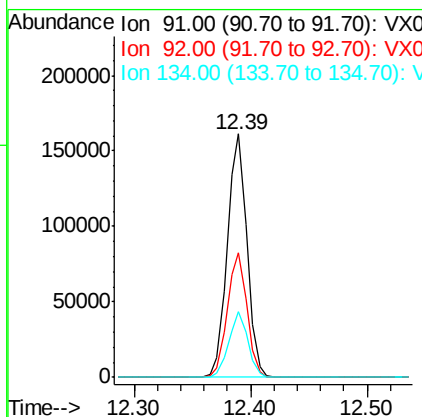
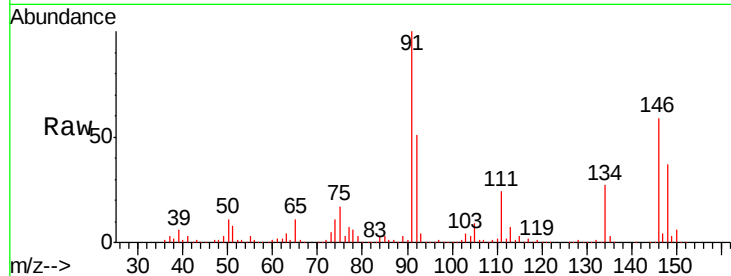
#89
n-Butylbenzene
Concen: 19.18 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	27.3	81.9
134	26.1	13.6	40.7

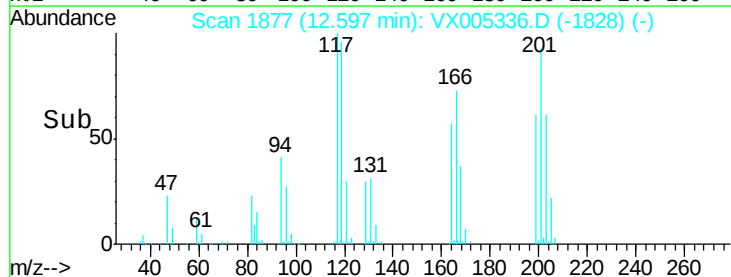
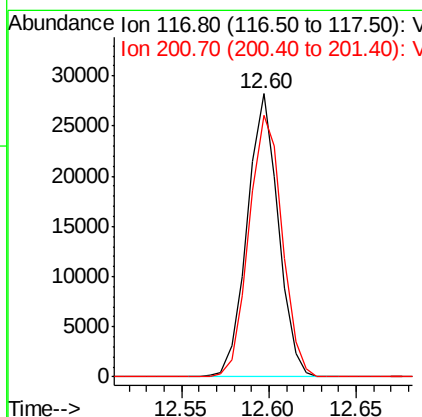
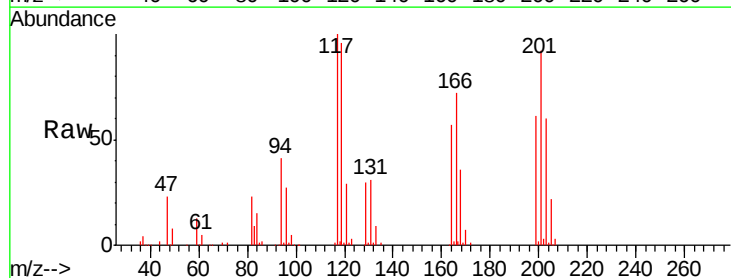
Manual Integrations
APPROVED

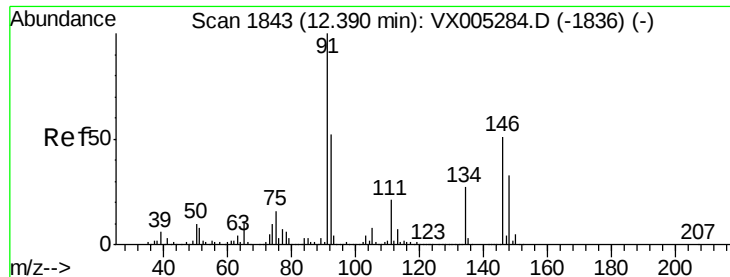
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#90
Hexachloroethane
Concen: 18.66 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.8	46.9	140.6





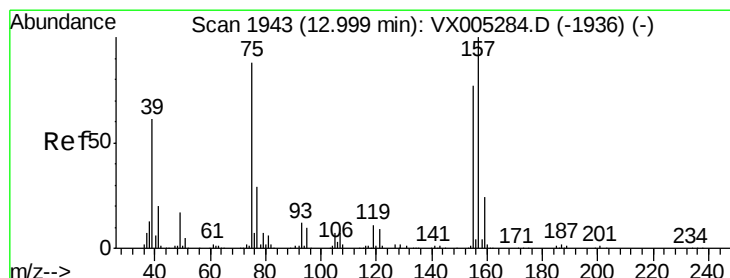
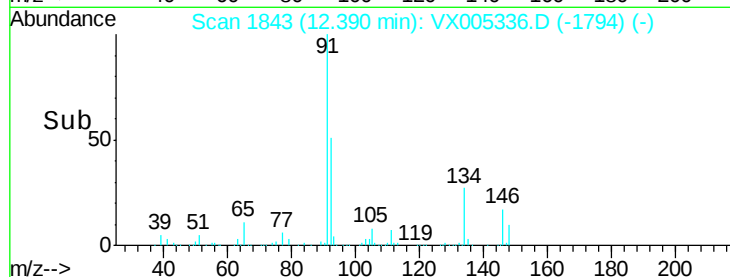
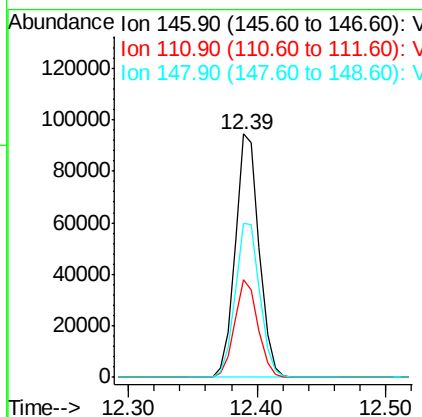
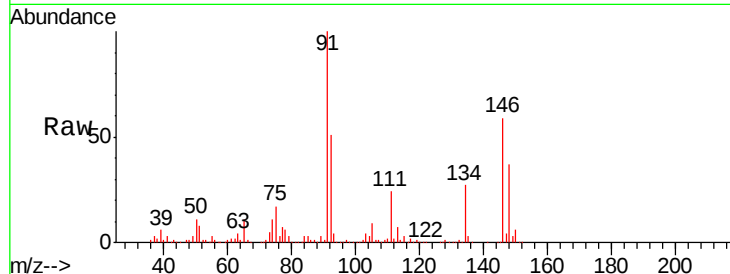
#91
1,2-Dichlorobenzene
Concen: 19.15 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.1
148	65.1	32.8	98.3

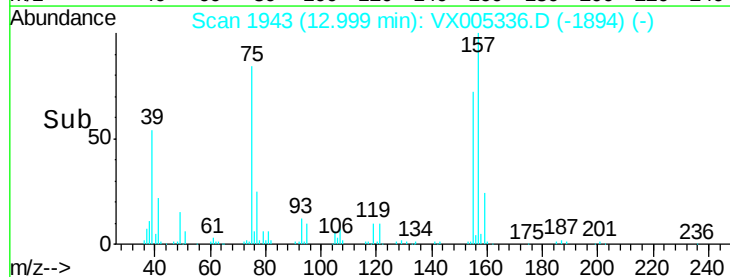
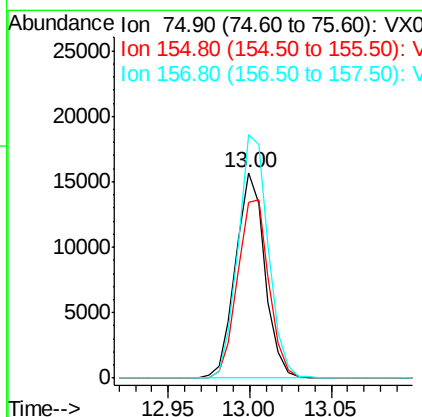
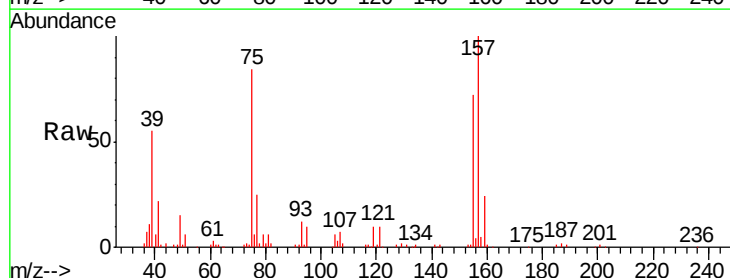
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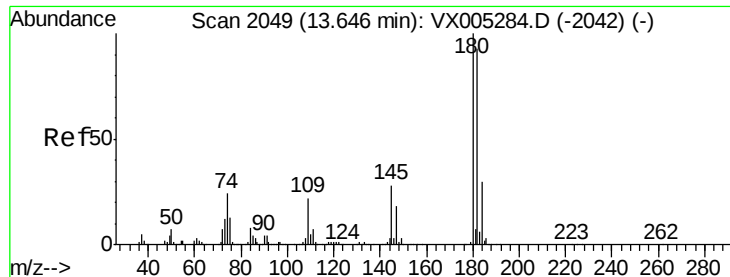
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#92
1,2-Dibromo-3-Chloropropane
Concen: 18.29 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	48.0	144.2
157	122.3	61.4	184.1





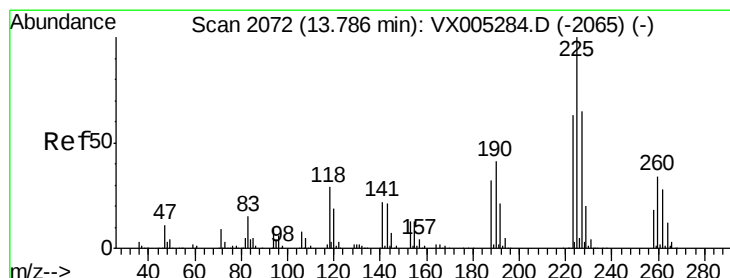
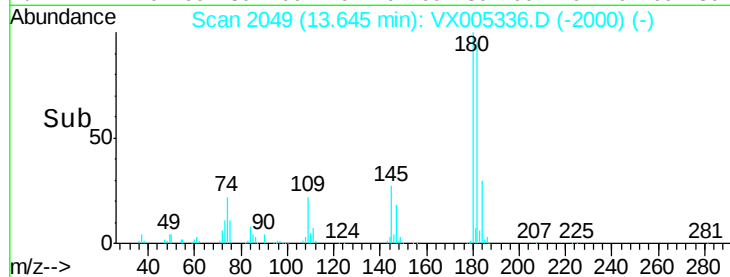
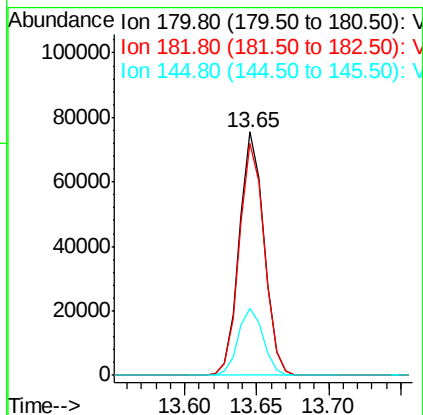
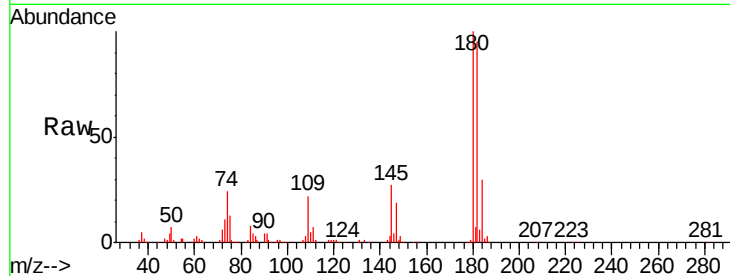
#93
 1,2,4-Trichlorobenzene
 Concen: 19.35 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.2	48.4	145.0
145	28.0	14.3	42.9

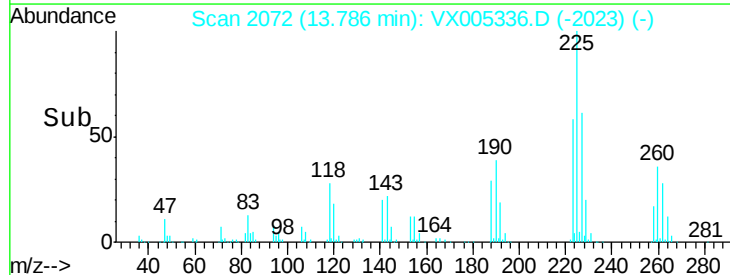
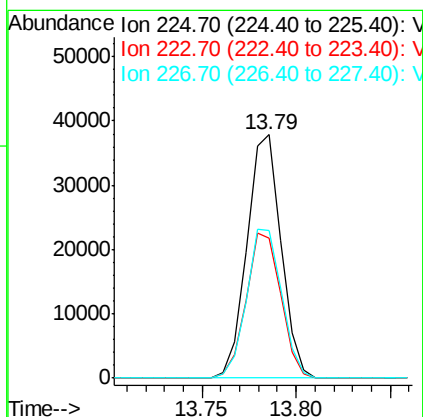
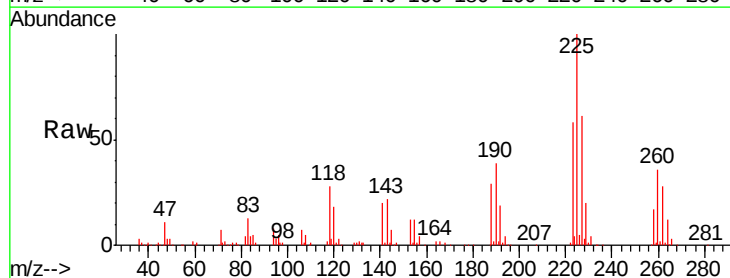
Manual Integrations
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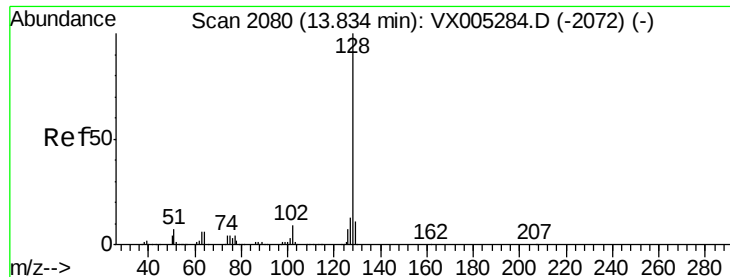
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#94
 Hexachlorobutadiene
 Concen: 19.30 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	60.6	30.1	90.5
227	63.1	30.8	92.4





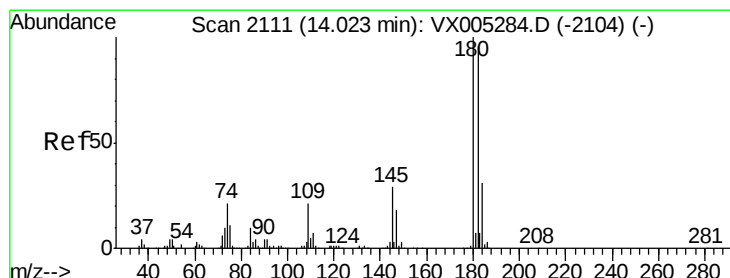
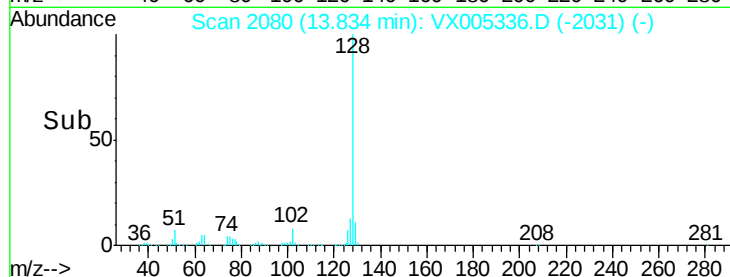
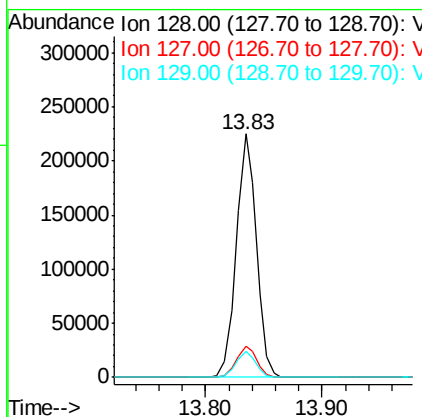
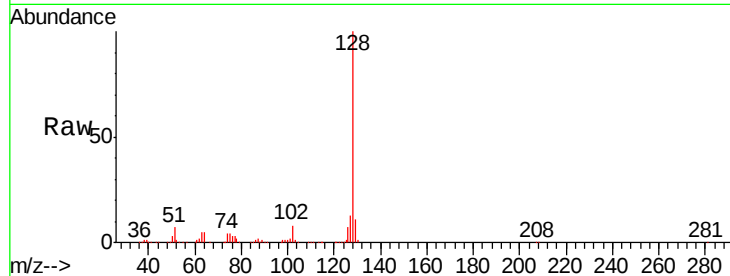
#95
Naphthalene
Concen: 19.99 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.73 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.5	145.6
145	30.2	14.9	44.9

