

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005995.D
 Acq On : 15 Nov 2018 01:27
 Operator : JC/MD
 Sample : VX1114WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:04:10 PM

Quant Time: Nov 15 06:34:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	175523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	152346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	66047	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	5.49	113	59077	49.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	192014	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	70304	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	18851	17.03	ug/l	90
3) Chloromethane	1.32	50	26696	18.38	ug/l	92
4) Vinyl Chloride	1.40	62	26121	17.92	ug/l	96
5) Bromomethane	1.64	94	15948	17.87	ug/l	82
6) Chloroethane	1.72	64	17198	19.77	ug/l	95
7) Trichlorofluoromethane	1.93	101	34224	17.68	ug/l	98
8) Diethyl Ether	2.19	74	14730	19.42	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20487	18.41	ug/l	98
10) Methyl Iodide	2.51	142	23509	17.43	ug/l	98
11) Tert butyl alcohol	3.07	59	40884	101.14	ug/l	99
12) 1,1-Dichloroethene	2.38	96	20312	18.72	ug/l	86
13) Acrolein	2.29	56	24496	136.52	ug/l	96
14) Allyl chloride	2.73	41	44833	18.50	ug/l	98
15) Acrylonitrile	3.15	53	84026	100.30	ug/l	97
16) Acetone	2.45	43	74444	97.98	ug/l	95
17) Carbon Disulfide	2.57	76	57729	17.84	ug/l	99
18) Methyl Acetate	2.78	43	45162	21.33	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	76503	20.66	ug/l	98
20) Methylene Chloride	2.86	84	23575	18.89	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	21243	18.56	ug/l	95
22) Diisopropyl ether	3.87	45	84535	19.92	ug/l	96
23) Vinyl Acetate	3.82	43	345053	94.81	ug/l	99
24) 1,1-Dichloroethane	3.70	63	44531	19.66	ug/l	99
25) 2-Butanone	4.70	43	115606	96.78	ug/l	99
26) 2,2-Dichloropropane	4.58	77	27892	16.79	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	25463	20.15	ug/l	98
28) Bromochloromethane	5.03	49	23469	23.19	ug/l	96
29) Tetrahydrofuran	5.16	42	75179	98.03	ug/l	98
30) Chloroform	5.21	83	47562	21.77	ug/l	96
31) Cyclohexane	5.57	56	36165	18.40	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	36237	19.88	ug/l	99
36) 1,1-Dichloropropene	5.80	75	30204	17.85	ug/l	97
37) Ethyl Acetate	4.86	43	42612	19.15	ug/l	98
38) Carbon Tetrachloride	5.79	117	29430	17.37	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29481	17.19	ug/l	99
40) Benzene	6.15	78	93054	18.86	ug/l	100
41) Methacrylonitrile	5.06	41	24038	19.99	ug/l	99
42) 1,2-Dichloroethane	6.20	62	33746	19.10	ug/l	99
43) Isopropyl Acetate	6.46	43	58823	18.24	ug/l	98
44) Trichloroethene	7.21	130	22836	18.23	ug/l	99
45) 1,2-Dichloropropane	7.52	63	22846	19.08	ug/l	98
46) Dibromomethane	7.66	93	14377	19.14	ug/l	99
47) Bromodichloromethane	7.90	83	28241	19.89	ug/l	98
48) Methyl methacrylate	7.77	41	28042	19.37	ug/l	99
49) 1,4-Dioxane	7.75	88	12335	395.39	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	195165	96.04	ug/l	100
52) Toluene	8.79	92	51563	18.70	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	29258	17.46	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	32325	18.93	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	21858	17.79	ug/l	98
56) Ethyl methacrylate	9.18	69	32625	17.75	ug/l	99
57) 1,3-Dichloropropane	9.37	76	36621	17.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	93991	99.00	ug/l	99
59) 2-Hexanone	9.49	43	152606	85.20	ug/l	100
60) Dibromochloromethane	9.59	129	21941	16.52	ug/l	99
61) 1,2-Dibromoethane	9.67	107	22634	16.66	ug/l	99
64) Tetrachloroethene	9.34	164	23364	18.01	ug/l	99
65) Chlorobenzene	10.14	112	57956	18.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	21054	19.84	ug/l	99
67) Ethyl Benzene	10.25	91	96841	19.79	ug/l	99
68) m/p-Xylenes	10.36	106	75495	40.44	ug/l	100
69) o-Xylene	10.70	106	35097	20.97	ug/l	97
70) Styrene	10.71	104	59585	21.58	ug/l	100
71) Bromoform	10.86	173	17900	20.12	ug/l #	98
73) Isopropylbenzene	11.02	105	99808	21.17	ug/l	100
74) N-amyl acetate	10.90	43	48109	18.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	34777	20.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	33935m	20.44	ug/l	
77) Bromobenzene	11.26	156	26575	20.00	ug/l	99
78) n-propylbenzene	11.36	91	113658	20.45	ug/l	99
79) 2-Chlorotoluene	11.42	91	69082	20.57	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	83913	20.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9830	18.87	ug/l	97
82) 4-Chlorotoluene	11.51	91	81344	20.55	ug/l	100
83) tert-Butylbenzene	11.77	119	81273	20.05	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	85547	19.27	ug/l	100
85) sec-Butylbenzene	11.94	105	98373	19.85	ug/l	100
86) p-Isopropyltoluene	12.07	119	87730	19.98	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	48399	18.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	49336	18.90	ug/l	98
89) n-Butylbenzene	12.39	91	73960	18.17	ug/l	99
90) Hexachloroethane	12.60	117	14201	19.37	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	48587	19.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8304	19.66	ug/l	97

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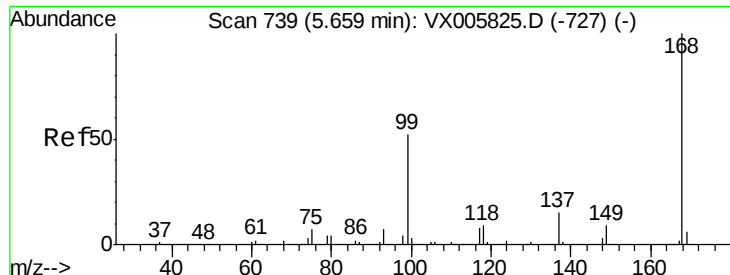
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	34575	19.22	ug/l	100
94) Hexachlorobutadiene	13.78	225	16424	17.38	ug/l	99
95) Naphthalene	13.83	128	106308	18.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35341	19.29	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion:168 Resp: 122742

Ion Ratio Lower Upper

168 100

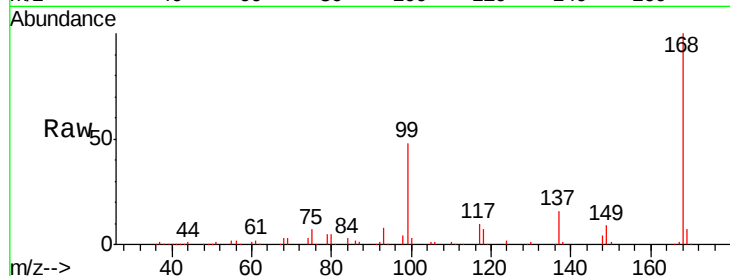
99 48.1 40.7 61.1

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

40000

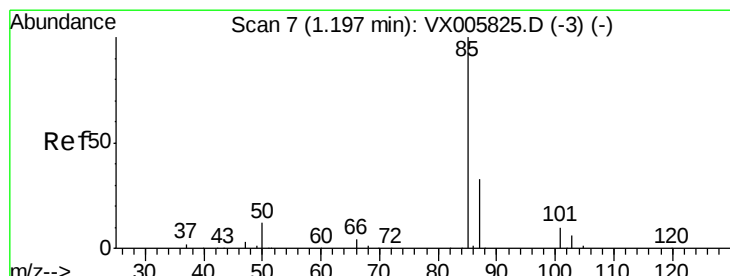
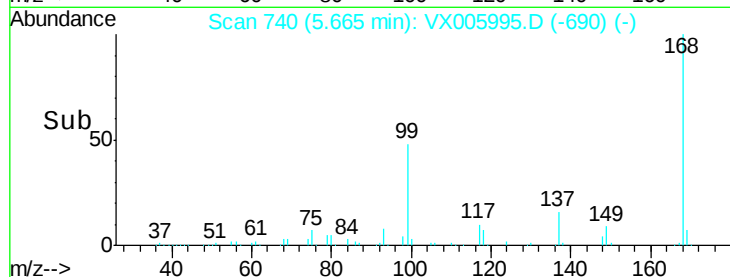
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.03 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005995.D

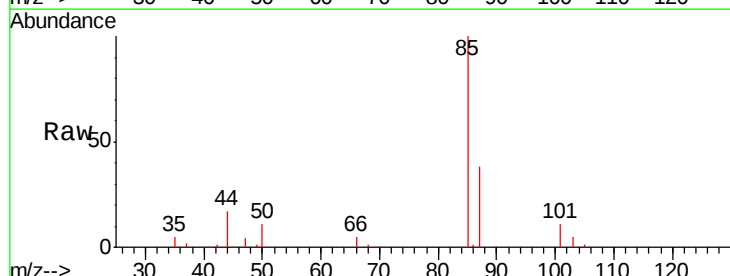
Acq: 15 Nov 2018 01:27

Tgt Ion: 85 Resp: 18851

Ion Ratio Lower Upper

85 100

87 38.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

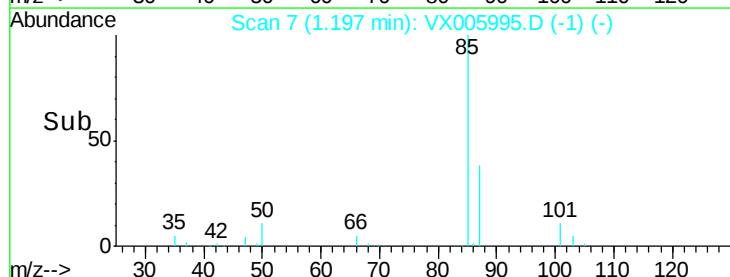
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.38 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 50 Resp: 26696

Ion Ratio Lower Upper

50 100

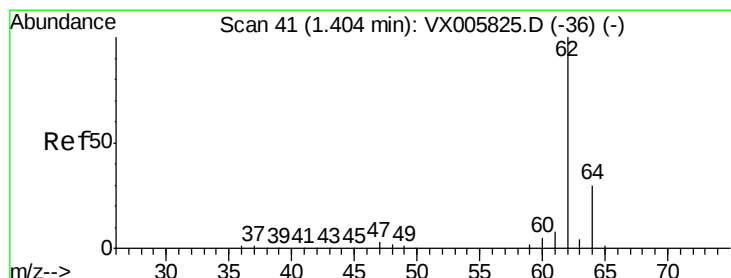
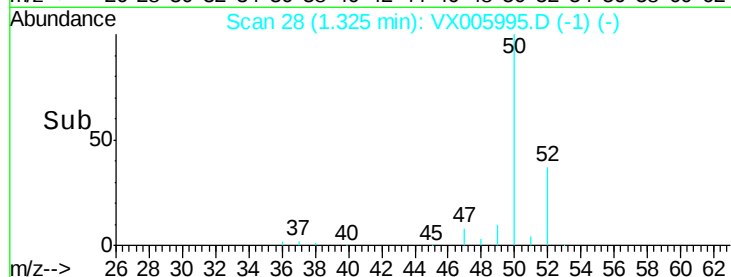
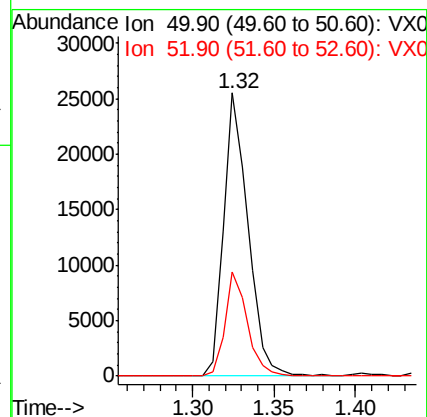
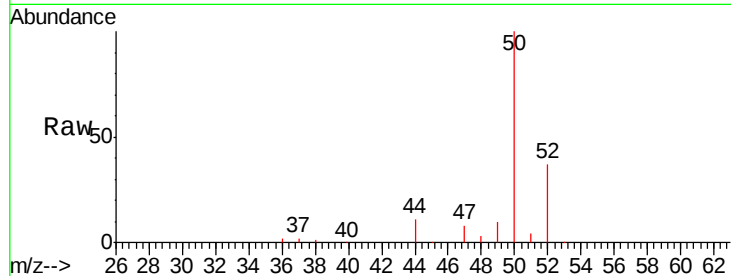
52 37.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.92 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005995.D

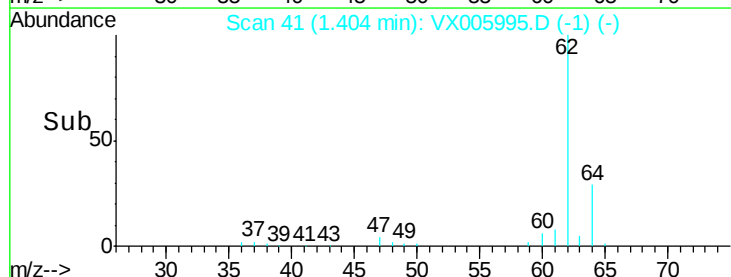
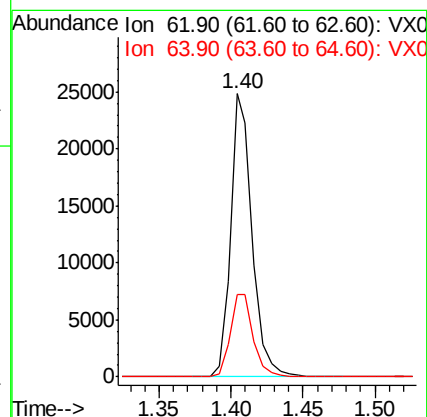
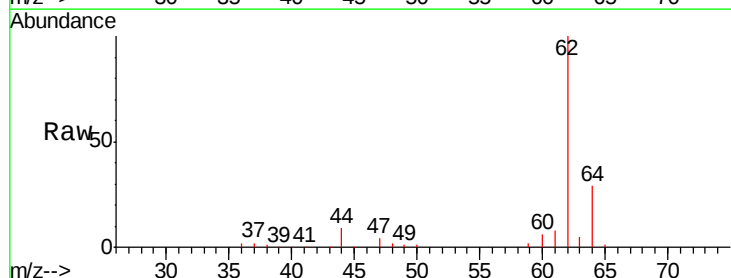
Acq: 15 Nov 2018 01:27

Tgt Ion: 62 Resp: 26121

Ion Ratio Lower Upper

62 100

64 29.2 25.3 37.9





#5

Bromomethane

Concen: 17.87 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 94 Resp: 15948

Ion Ratio Lower Upper

94 100

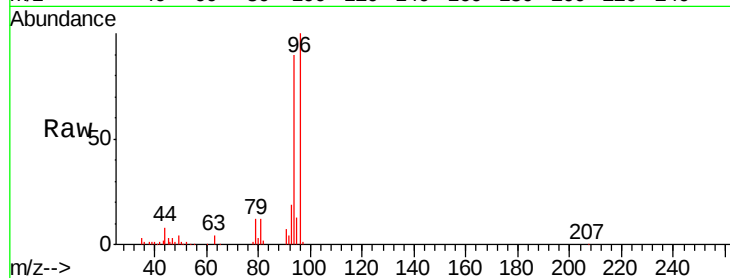
96 111.1 75.2 112.8

Manual Integrations

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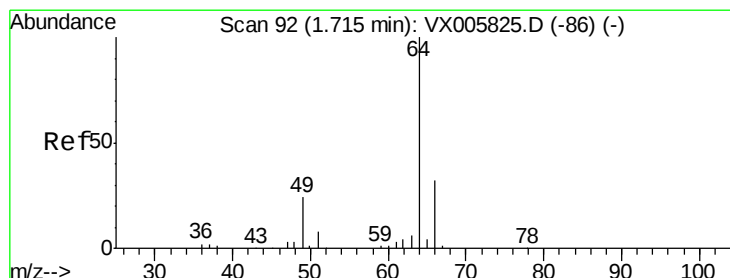
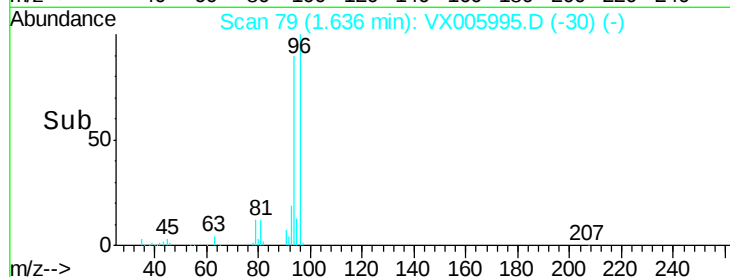
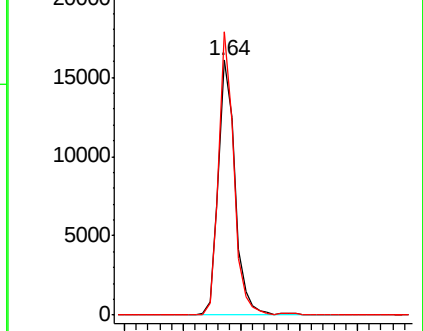
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11/15/2018 1:04:10 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.77 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005995.D

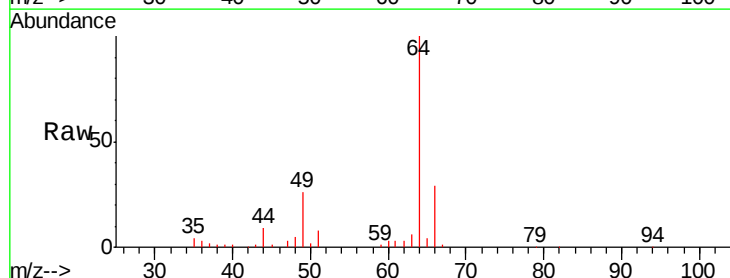
Acq: 15 Nov 2018 01:27

Tgt Ion: 64 Resp: 17198

Ion Ratio Lower Upper

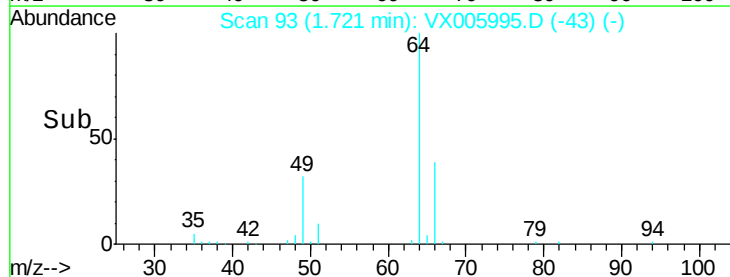
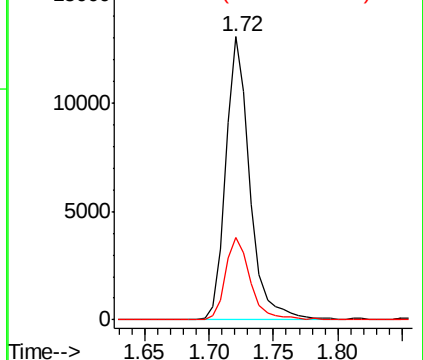
64 100

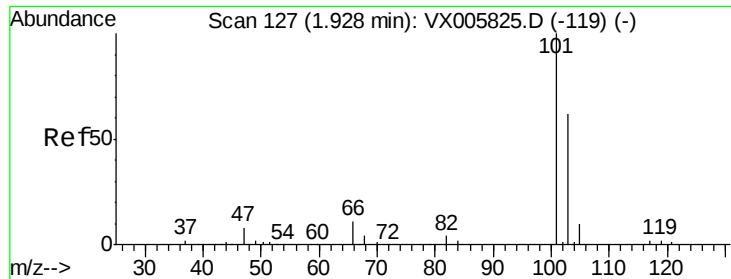
66 29.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

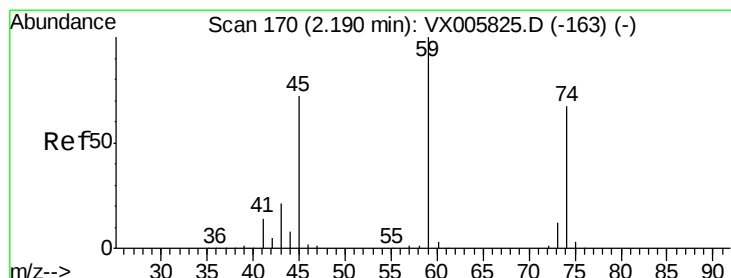
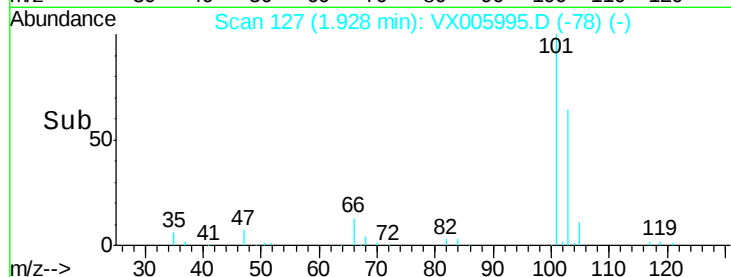
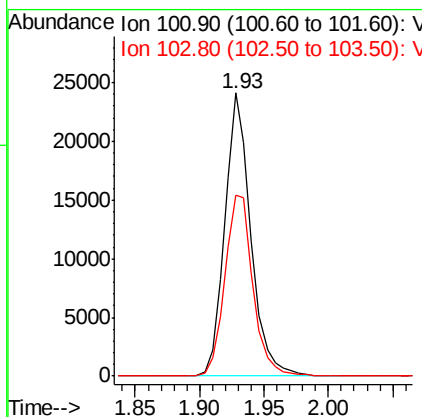
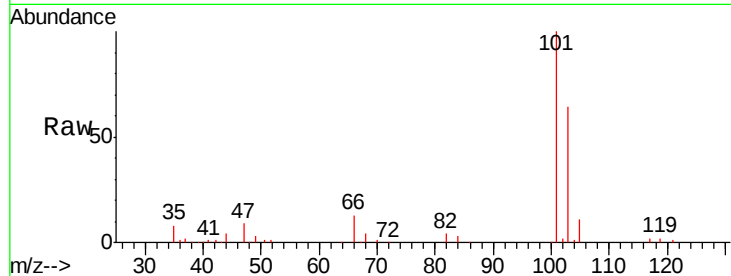
Trichlorofluoromethane
 Concen: 17.68 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
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 VX1114WBSD02

Tgt Ion: 101 Resp: 34224
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.0 75.0

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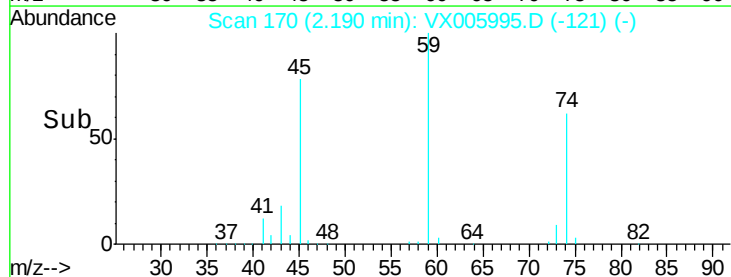
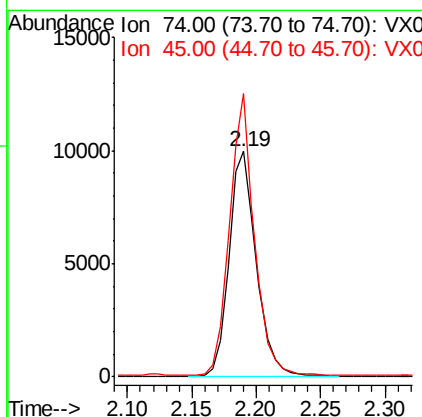
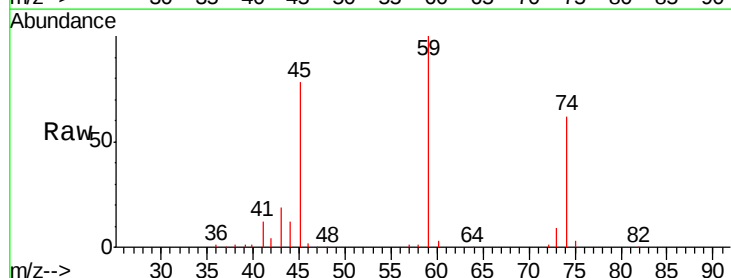
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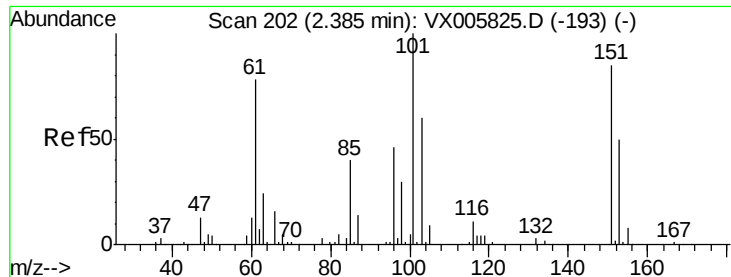


#8

Diethyl Ether
 Concen: 19.42 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 74 Resp: 14730
 Ion Ratio Lower Upper
 74 100
 45 113.6 54.1 162.3





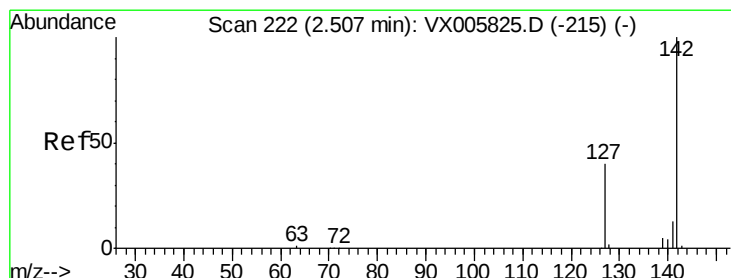
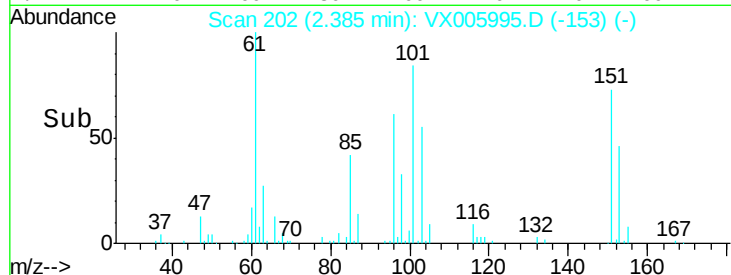
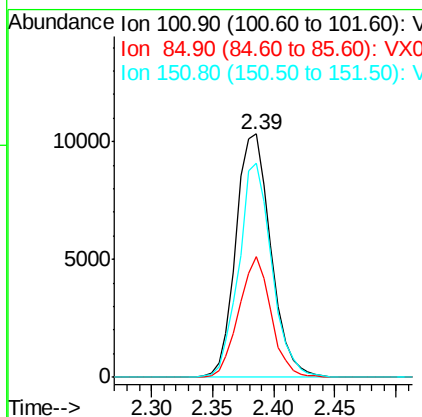
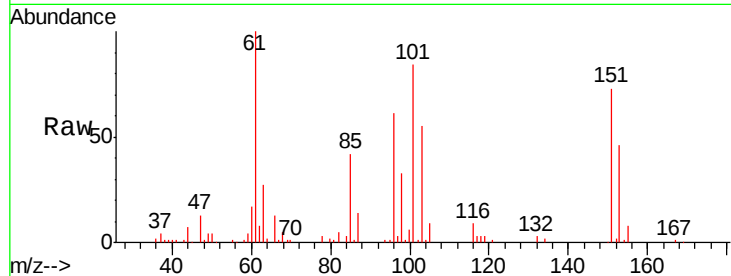
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.41 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005995.D
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Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	20487		
85	45.7	35.0	52.4	
151	83.4	66.2	99.2	

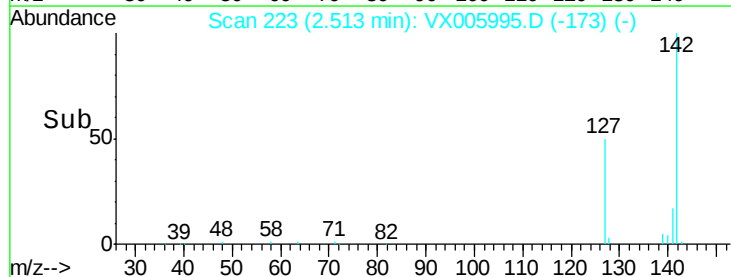
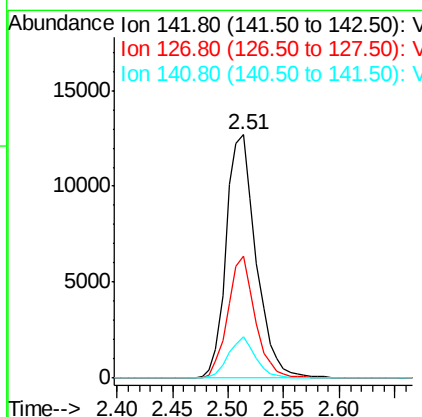
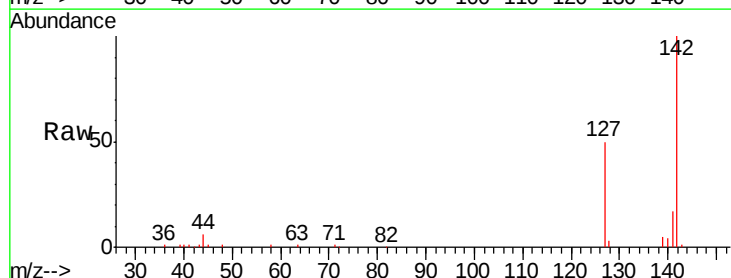
Manual Integrations
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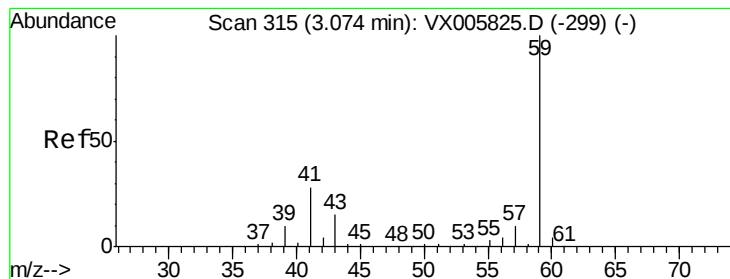
MMDadoda
 11/15/2018 1:04:10 PM



#10
 Methyl Iodide
 Concen: 17.43 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	23509		
127	45.9	36.0	54.0	
141	15.4	11.7	17.5	





#11

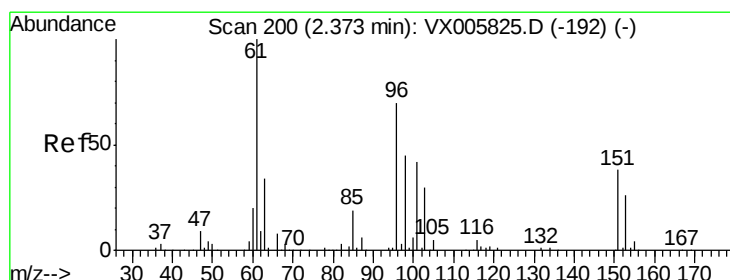
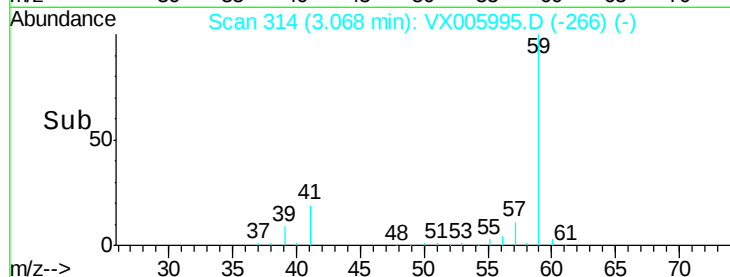
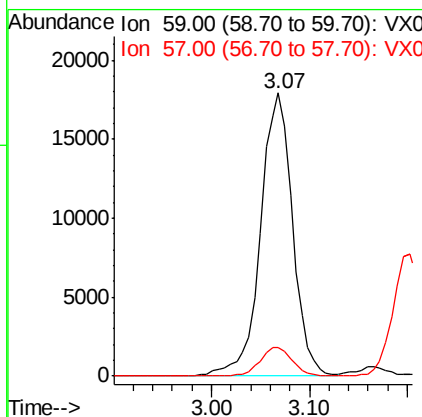
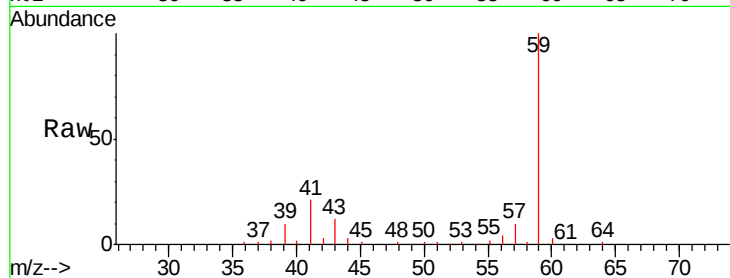
Tert butyl alcohol
Concen: 101.14 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion: 59 Resp: 40884
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

Manual Integrations
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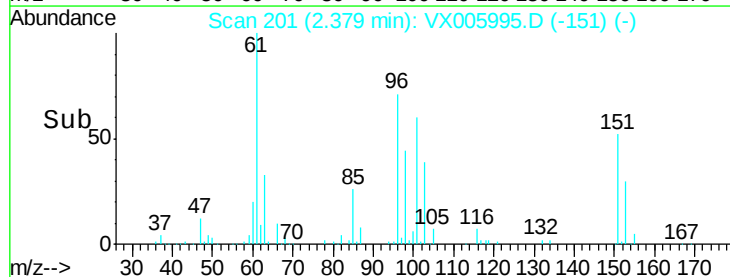
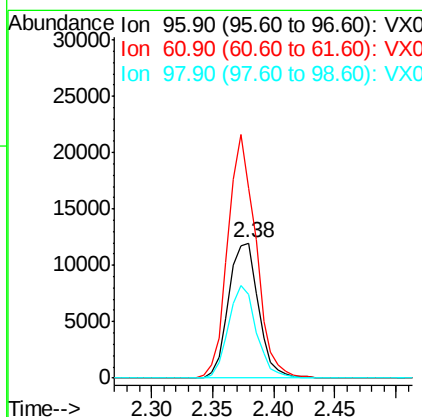
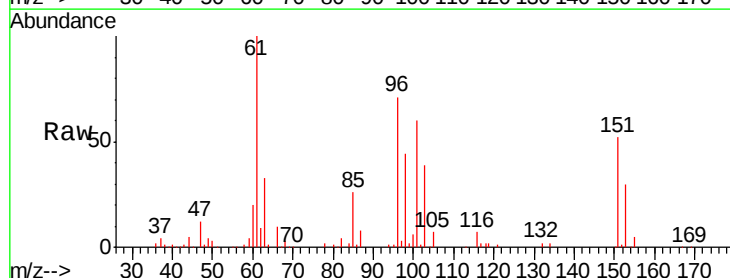
MMDadoda
11/15/2018 1:04:10 PM

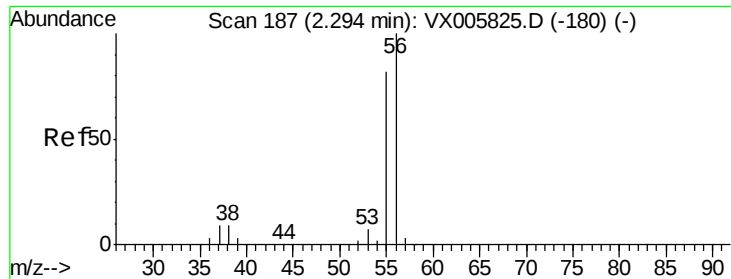


#12

1,1-Dichloroethene
Concen: 18.72 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 96 Resp: 20312
Ion Ratio Lower Upper
96 100
61 141.1 131.8 197.8
98 62.1 53.4 80.2





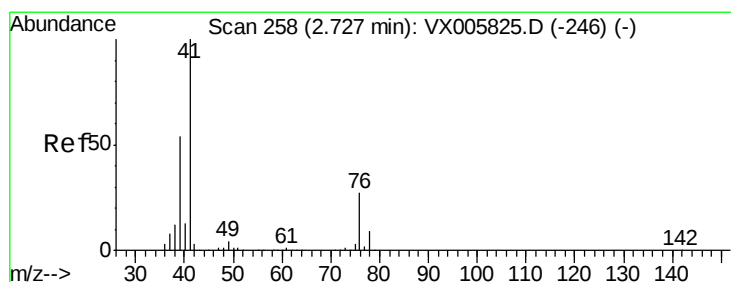
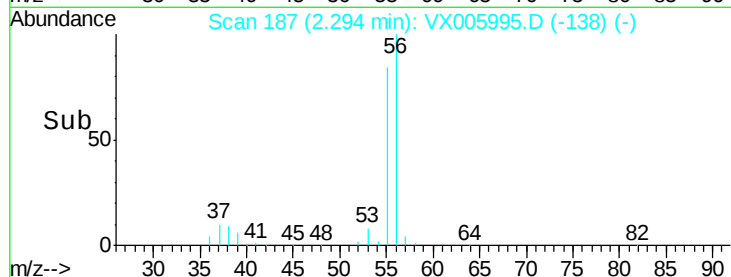
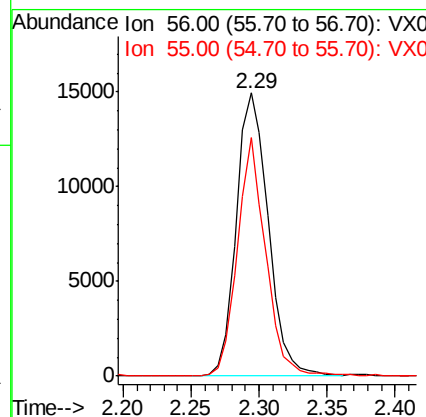
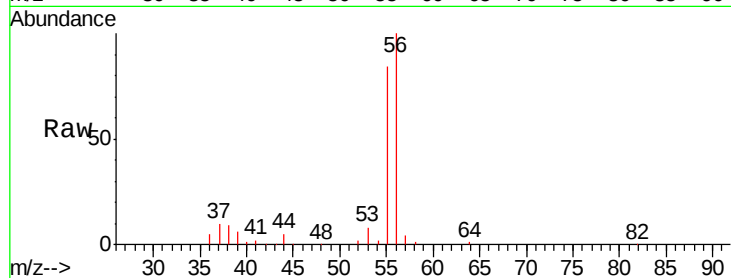
#13
Acrolein
Concen: 136.52 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
56	100		
55	74.7	57.3	85.9

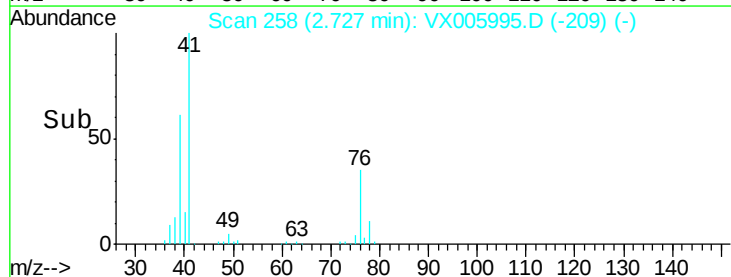
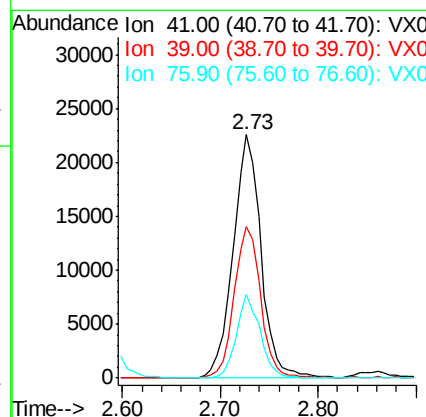
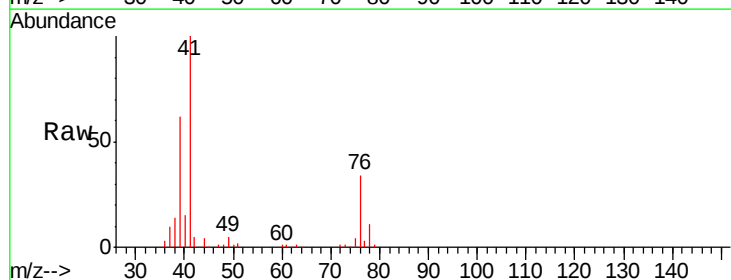
Manual Integrations
APPROVED

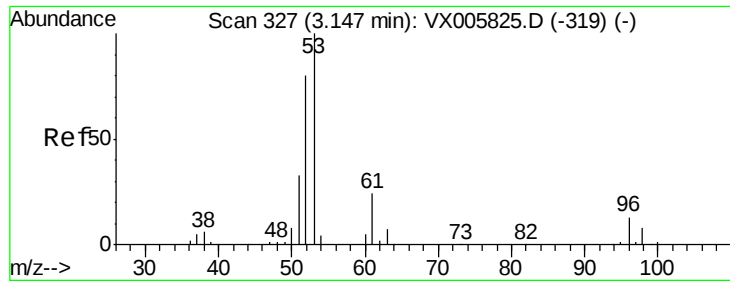
MMDadoda
11/15/2018 1:04:10 PM



#14
Allyl chloride
Concen: 18.50 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	48.2	72.4
76	29.1	21.9	32.9





#15

Acrylonitrile

Concen: 100.30 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

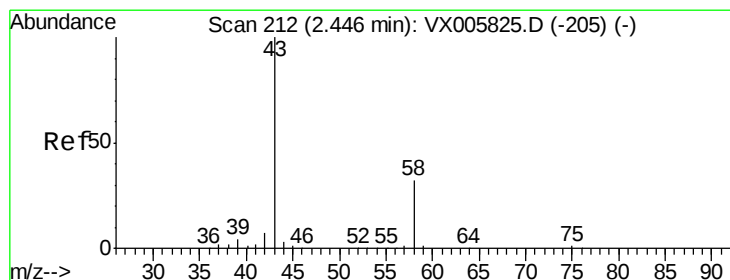
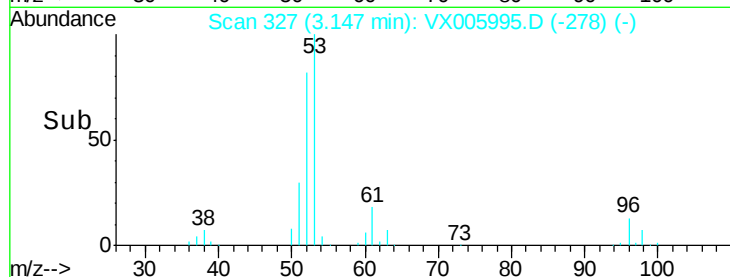
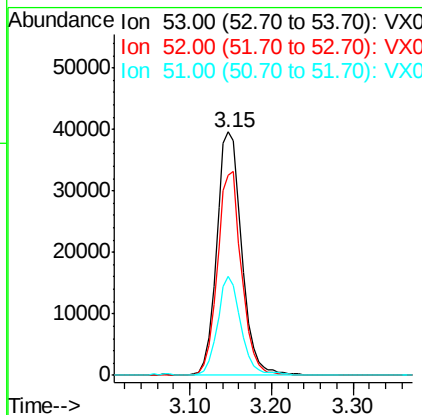
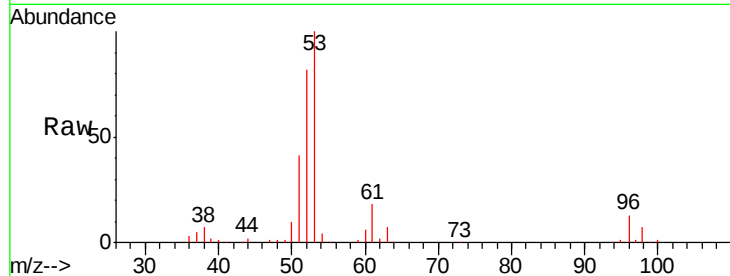
ClientSampleId :

VX1114WBSD02

Tgt Ion:	53	Resp:	84026
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.6	99.8
51	38.7	28.4	42.6

Manual Integrations
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11/15/2018 1:04:10 PM



#16

Acetone

Concen: 97.98 ug/l

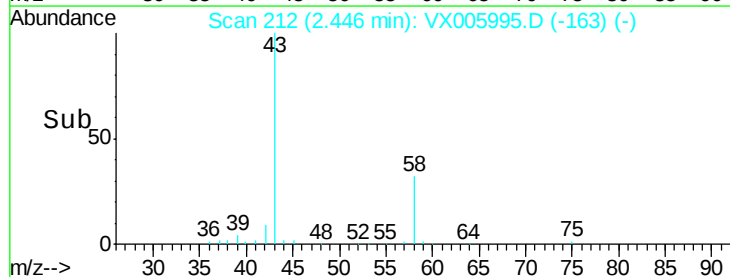
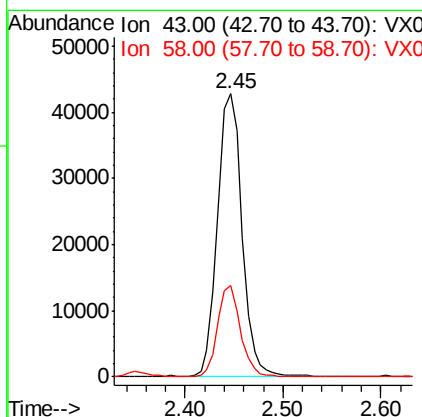
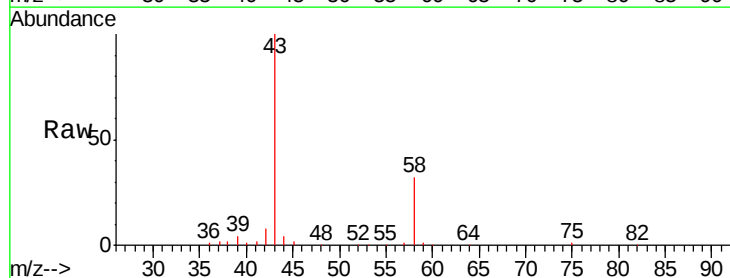
RT: 2.45 min Scan# 212

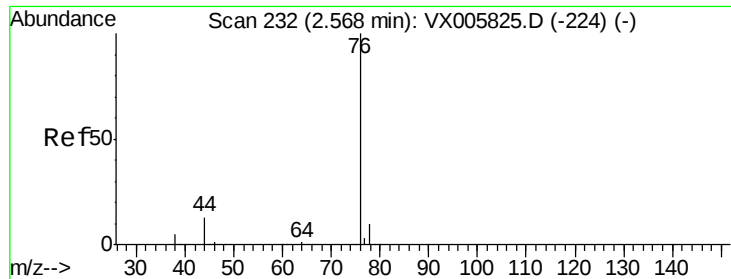
Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion:	43	Resp:	74444
Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.8	35.6





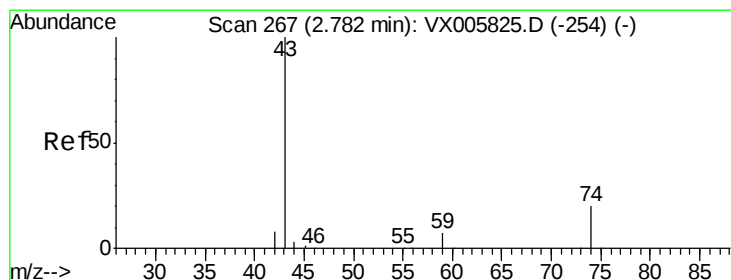
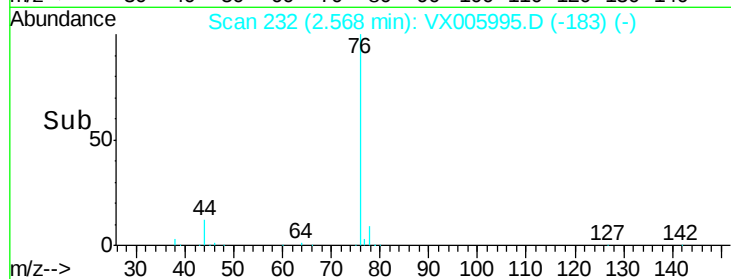
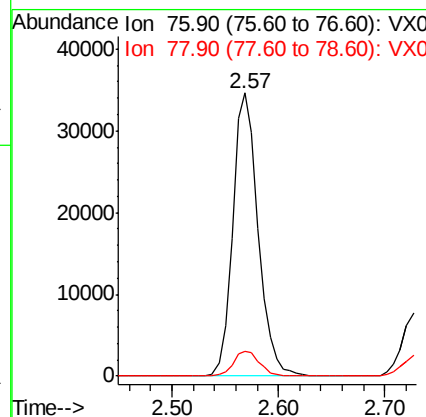
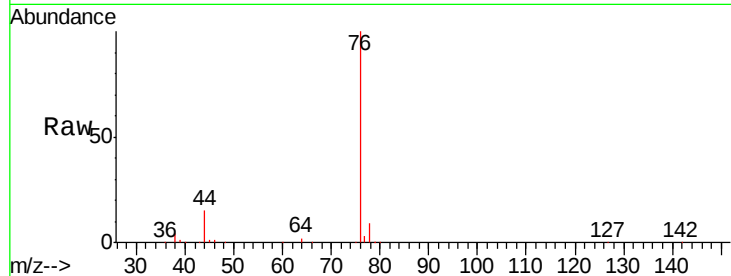
#17
Carbon Disulfide
Concen: 17.84 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion: 76 Resp: 57729
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

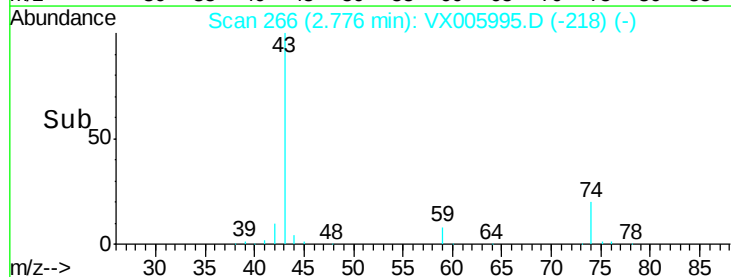
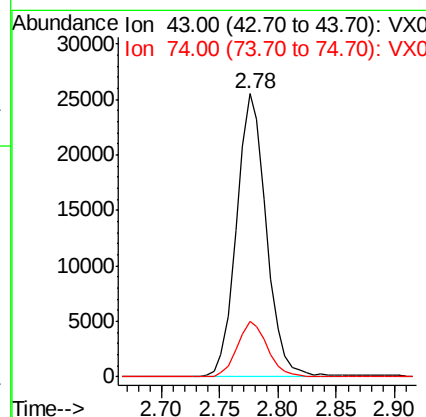
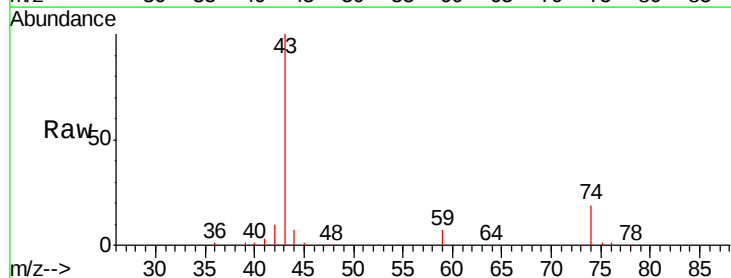
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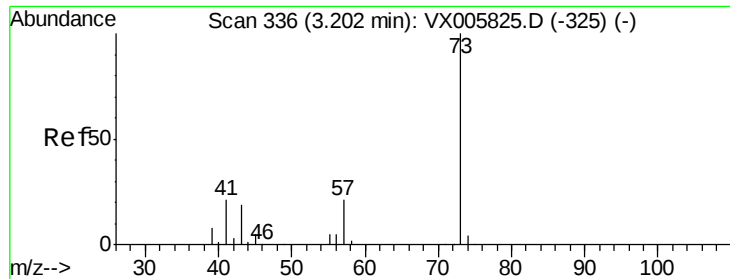
MMDadoda
11/15/2018 1:04:10 PM



#18
Methyl Acetate
Concen: 21.33 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 43 Resp: 45162
Ion Ratio Lower Upper
43 100
74 19.9 16.8 25.2





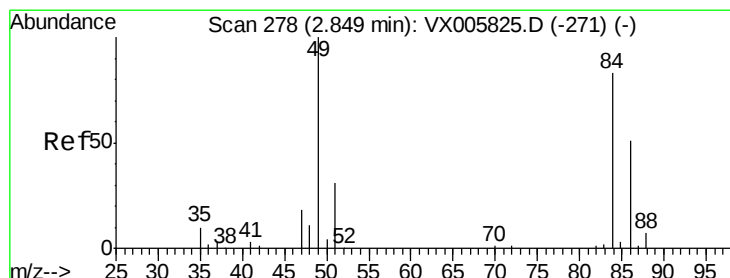
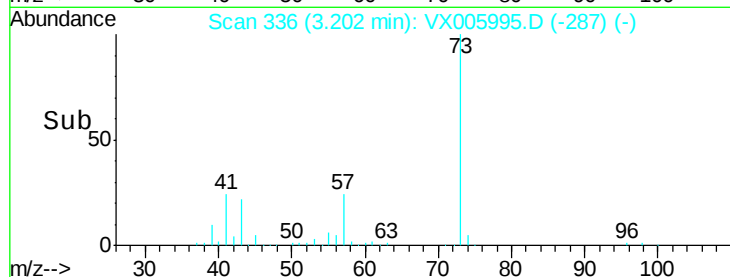
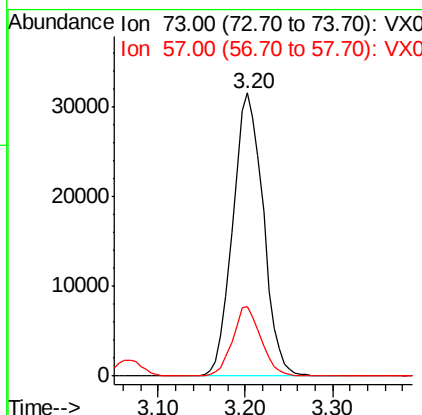
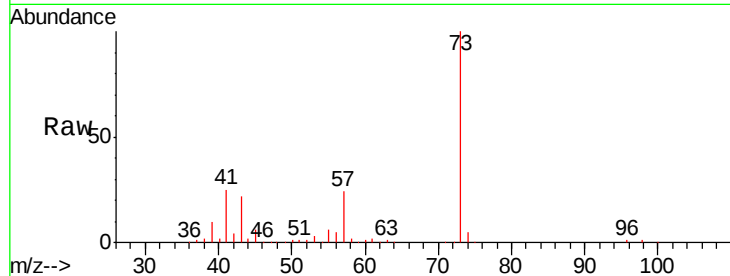
#19
Methyl tert-butyl Ether
Concen: 20.66 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion: 73 Resp: 76503
Ion Ratio Lower Upper
73 100
57 24.5 18.8 28.2

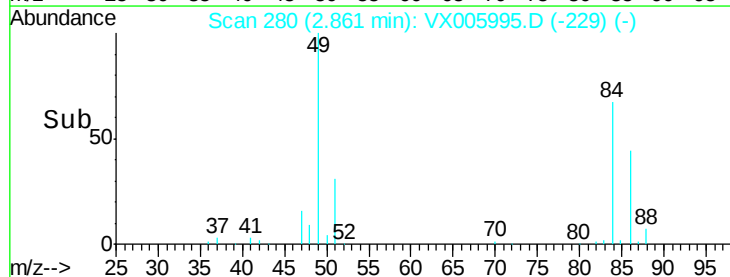
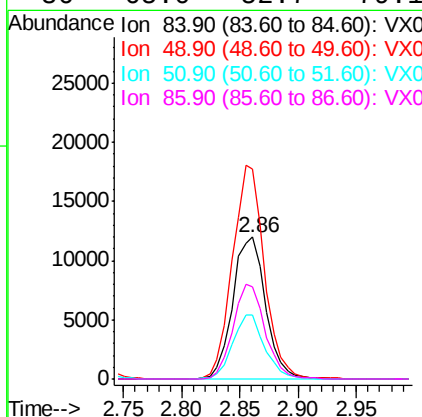
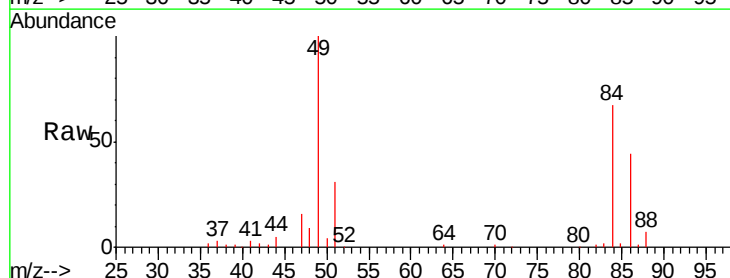
Manual Integrations
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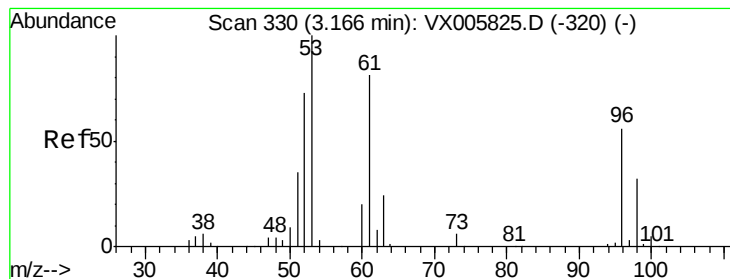
MMDadoda
11/15/2018 1:04:10 PM



#20
Methylene Chloride
Concen: 18.89 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 84 Resp: 23575
Ion Ratio Lower Upper
84 100
49 148.3 109.5 164.3
51 45.3 33.3 49.9
86 65.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.56 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 96 Resp: 21243

Ion Ratio Lower Upper

96 100

61 152.3 115.6 173.4

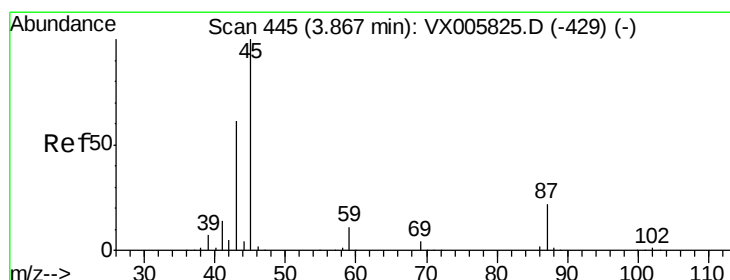
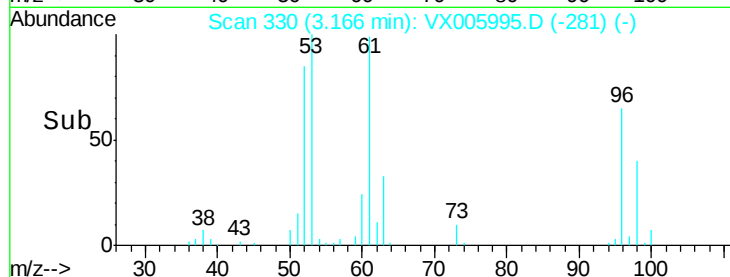
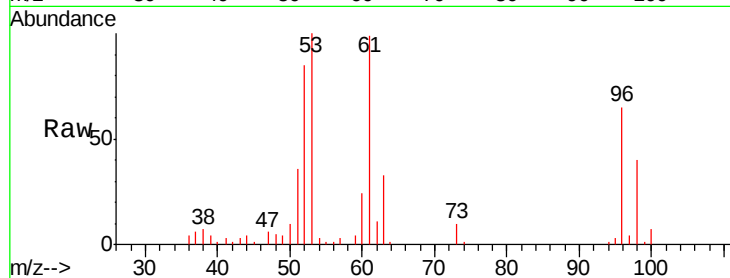
98 62.2 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.92 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion: 45 Resp: 84535

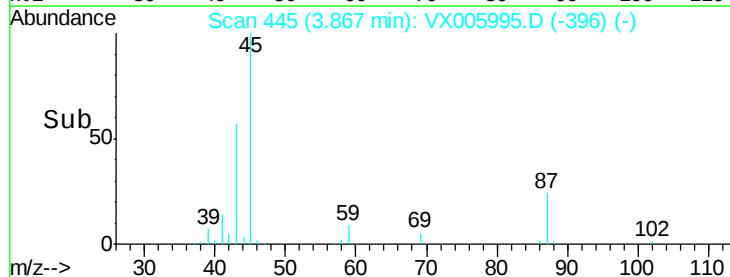
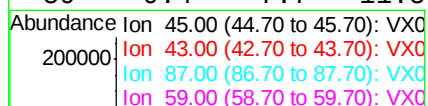
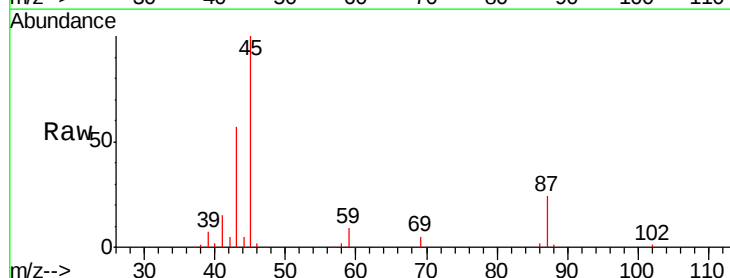
Ion Ratio Lower Upper

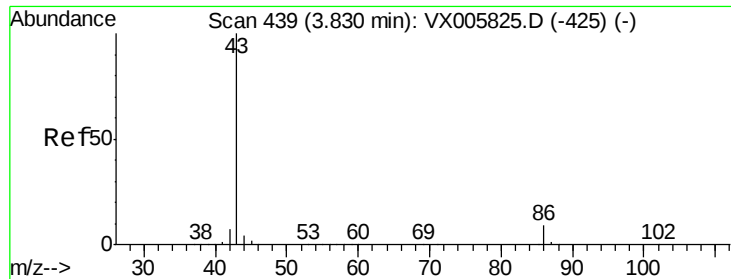
45 100

43 56.4 47.4 71.2

87 23.5 15.9 23.9

59 9.4 7.7 11.5





#23

Vinyl Acetate

Concen: 94.81 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 43 Resp: 345053

Ion Ratio Lower Upper

43 100

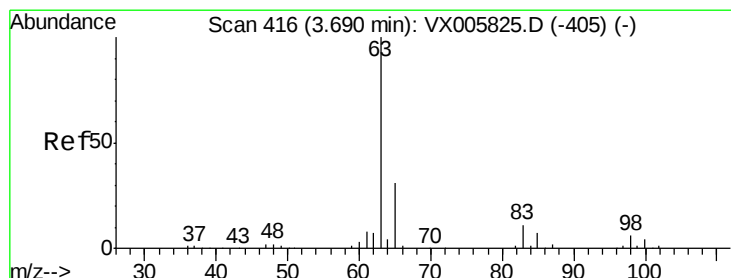
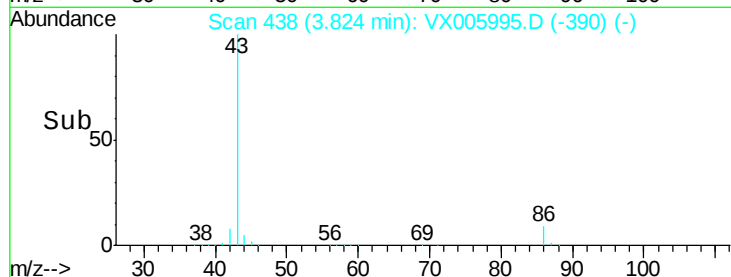
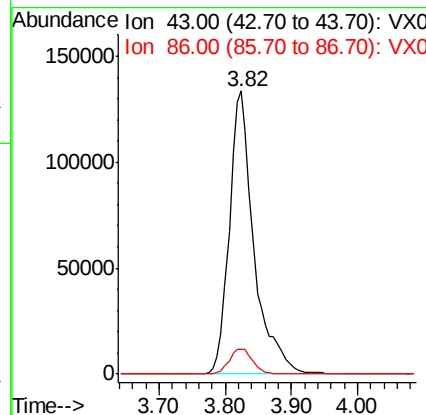
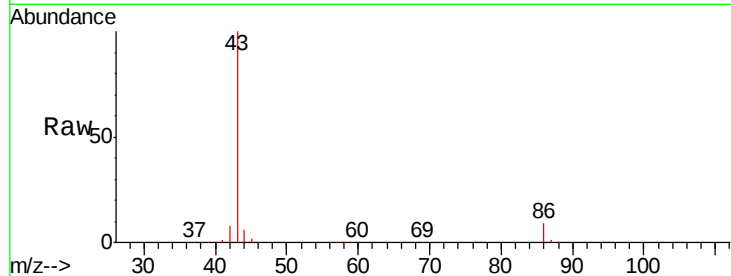
86 9.0 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.66 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

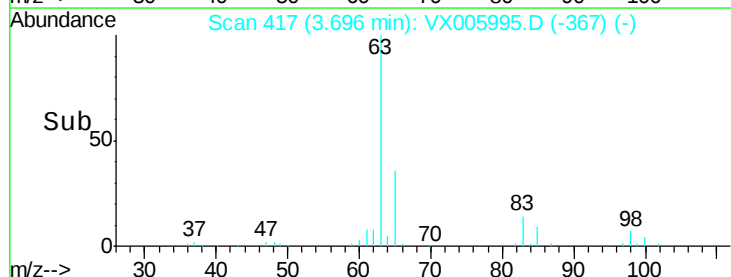
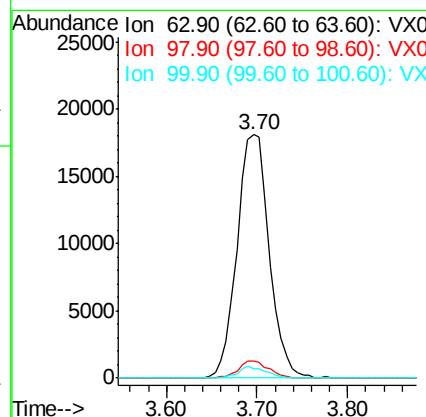
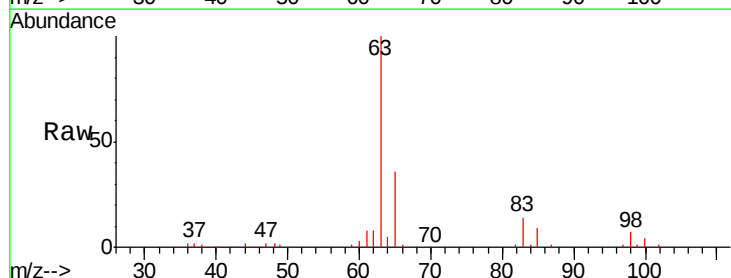
Tgt Ion: 63 Resp: 44531

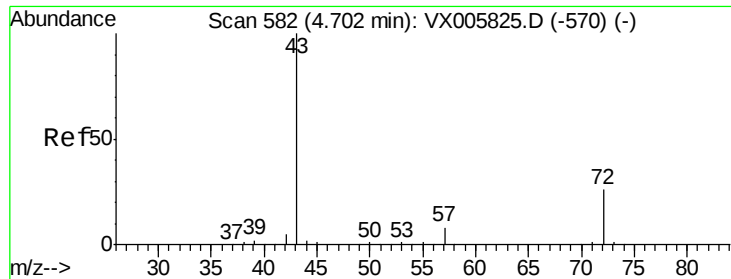
Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 96.78 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 43 Resp: 115606

Ion Ratio Lower Upper

43 100

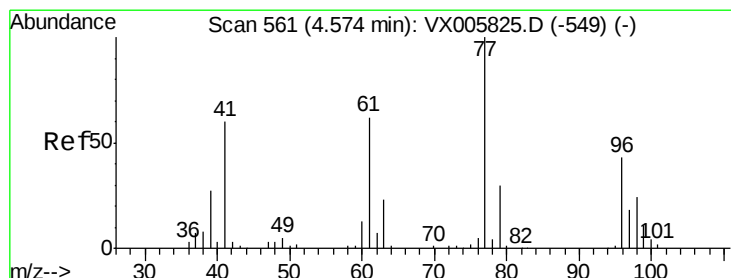
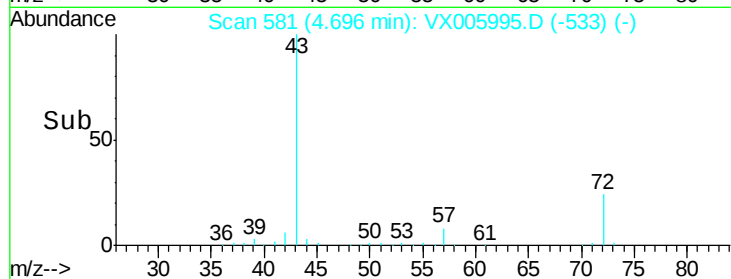
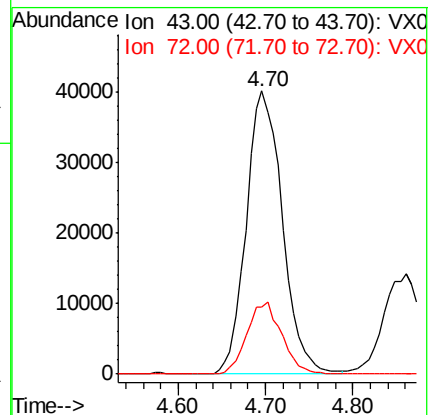
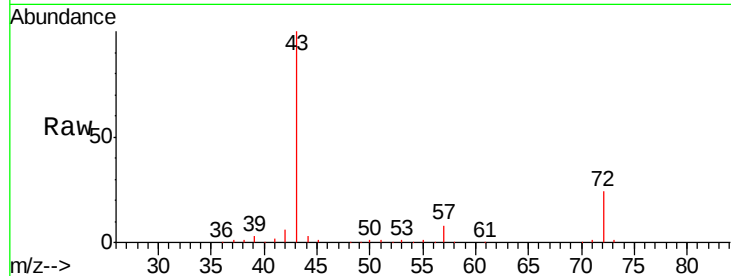
72 23.7 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/15/2018 1:04:10 PM



#26

2,2-Dichloropropane

Concen: 16.79 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005995.D

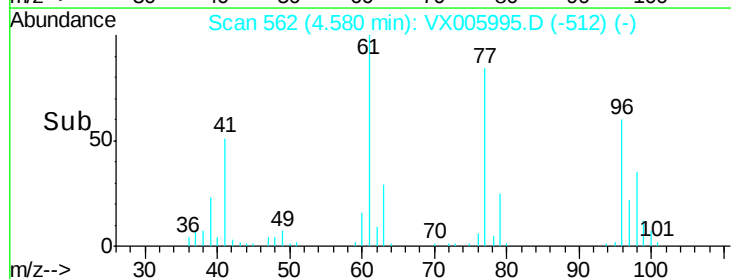
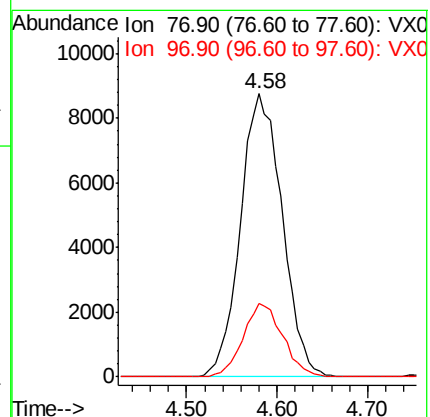
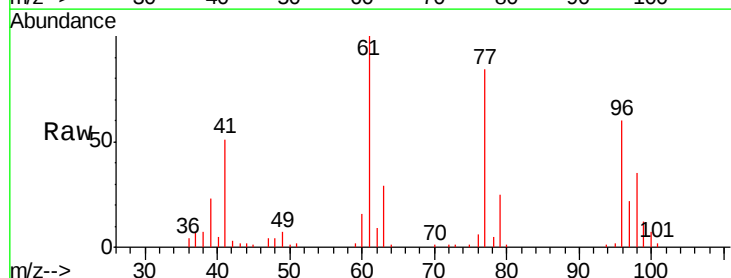
Acq: 15 Nov 2018 01:27

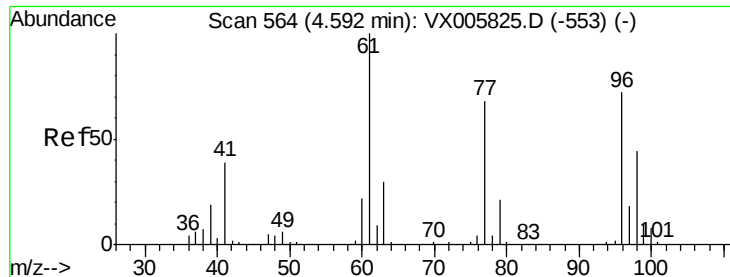
Tgt Ion: 77 Resp: 27892

Ion Ratio Lower Upper

77 100

97 24.5 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 20.15 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

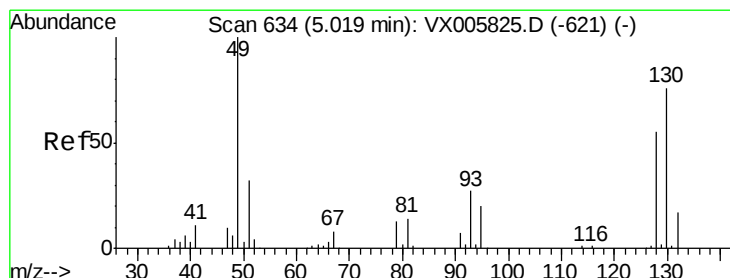
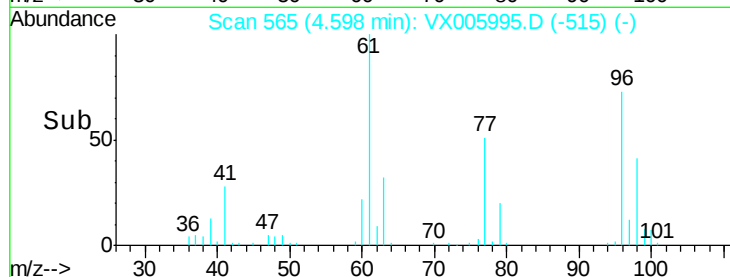
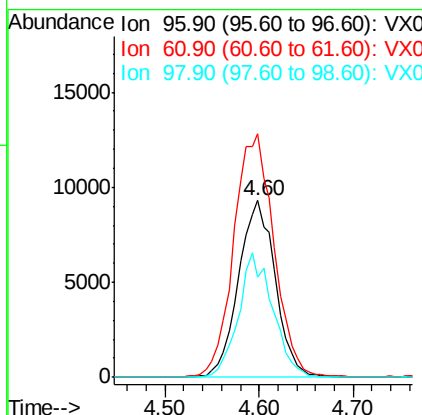
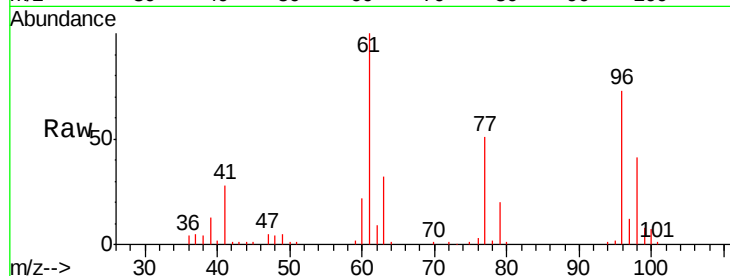
ClientSampleId :

VX1114WBSD02

Tgt Ion:	96	Resp:	25463
Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	304.6
98	65.5	0.0	127.4

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#28

Bromochloromethane

Concen: 23.19 ug/l

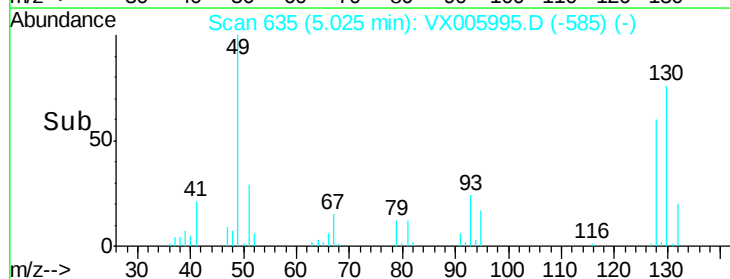
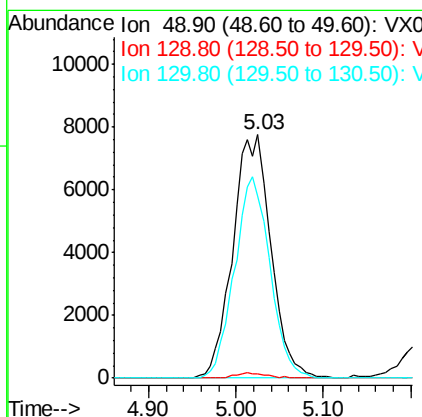
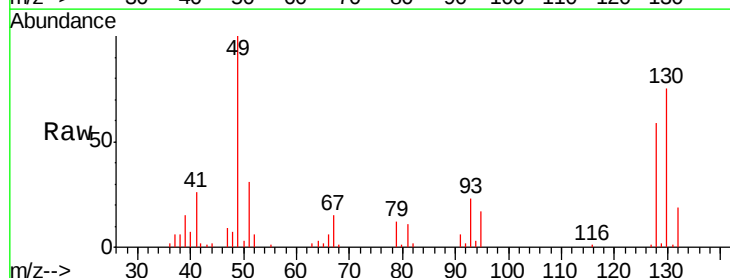
RT: 5.03 min Scan# 635

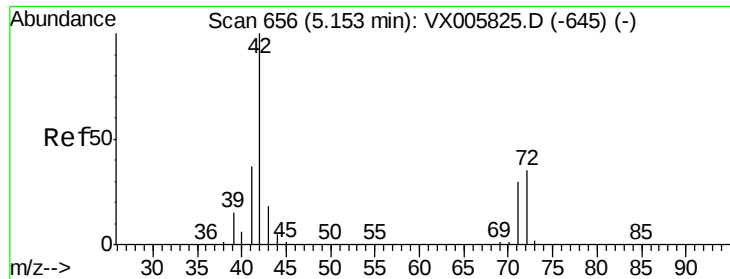
Delta R.T. 0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion:	49	Resp:	23469
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	77.1	58.9	88.3





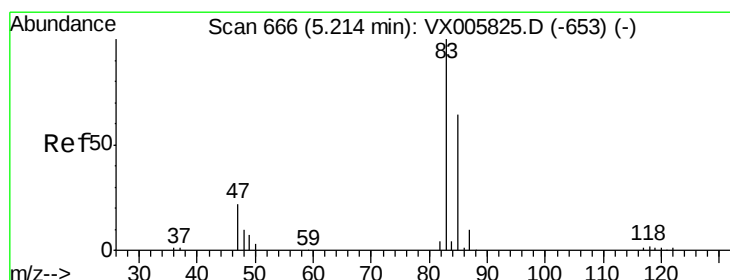
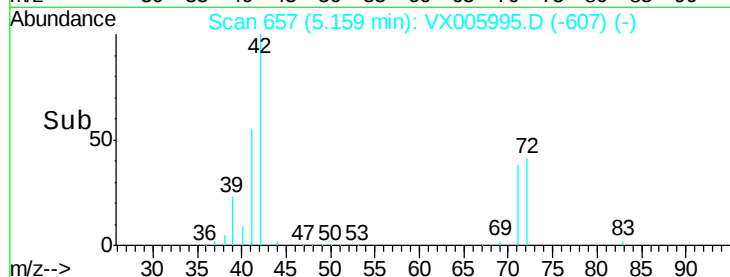
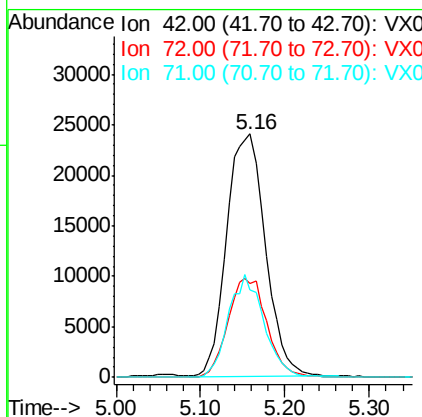
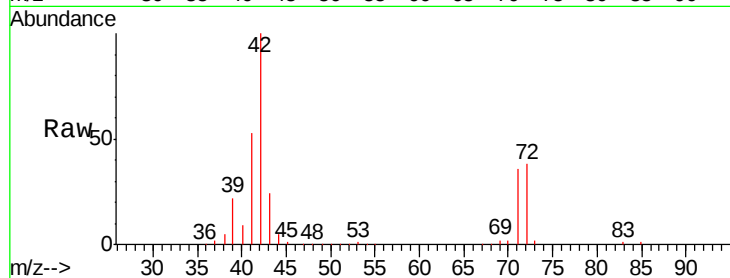
#29
Tetrahydrofuran
Concen: 98.03 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.0	48.0
71	38.8	29.8	44.8

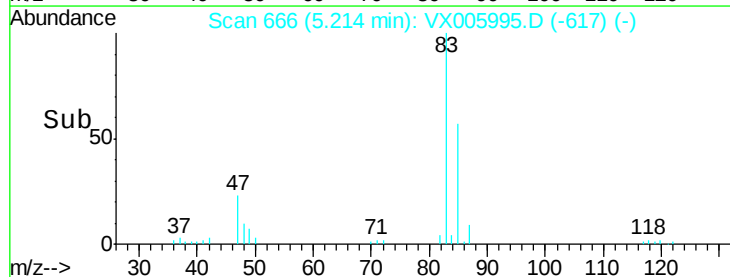
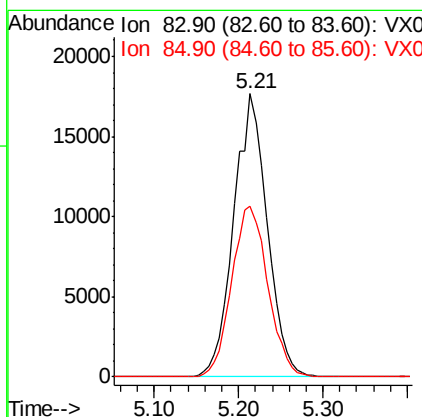
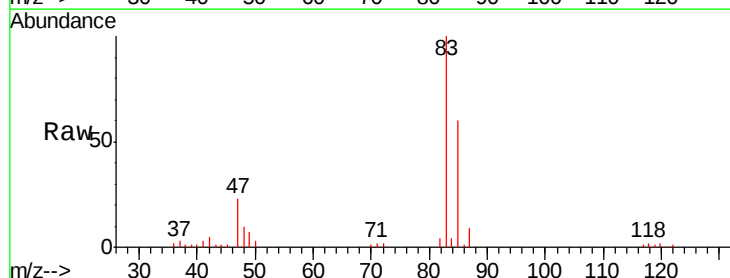
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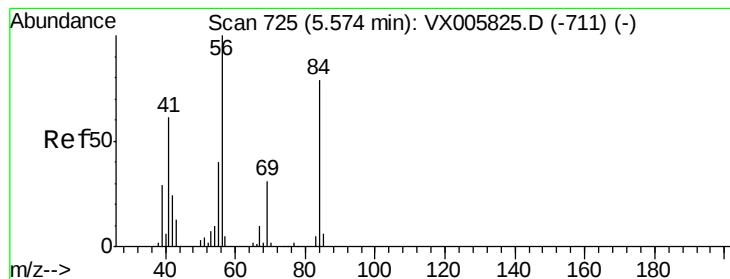
MMDadoda
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#30
Chloroform
Concen: 21.77 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.6	76.0





#31

Cyclohexane

Concen: 18.40 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

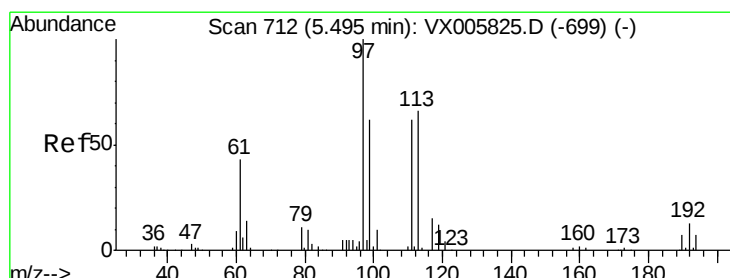
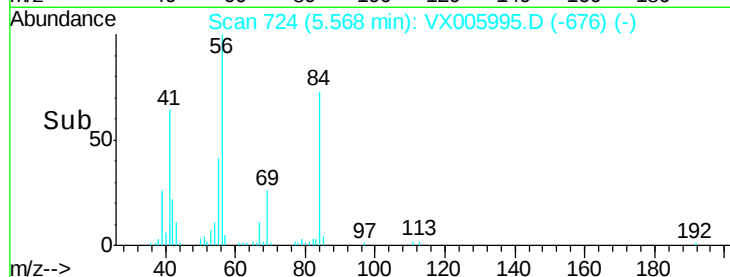
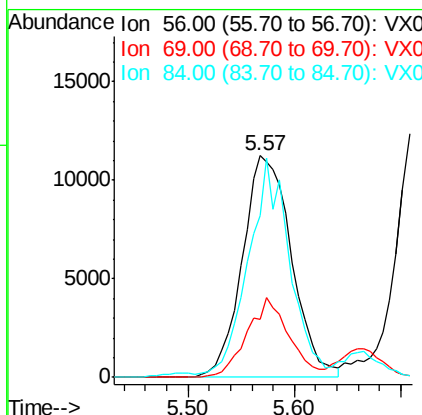
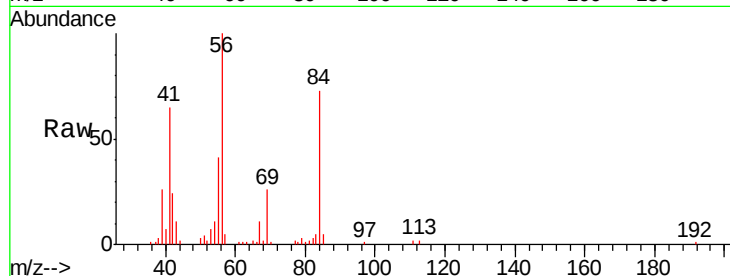
ClientSampleId :

VX1114WBSD02

Tgt Ion:	56	Resp:	36165
Ion	Ratio	Lower	Upper
56	100		
69	26.3	22.6	34.0
84	71.3	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 19.88 ug/l

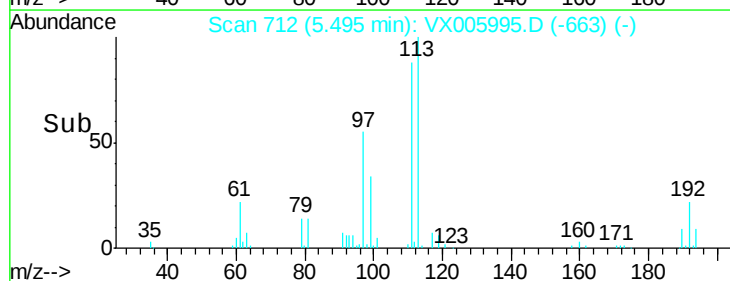
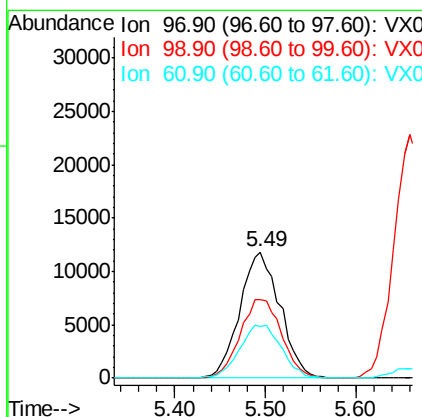
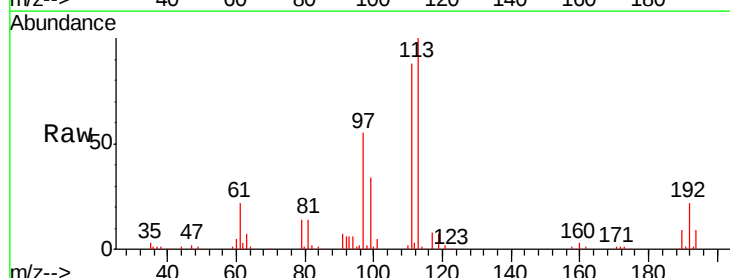
RT: 5.49 min Scan# 712

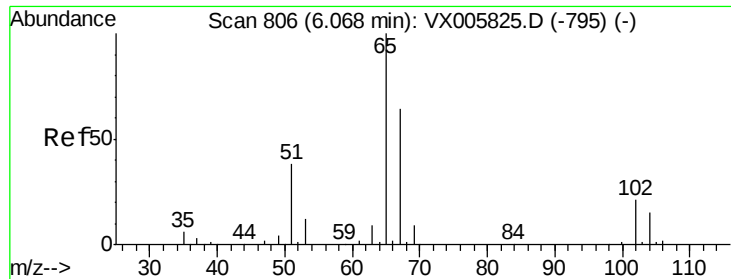
Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion:	97	Resp:	36237
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.3	78.5
61	43.7	35.2	52.8





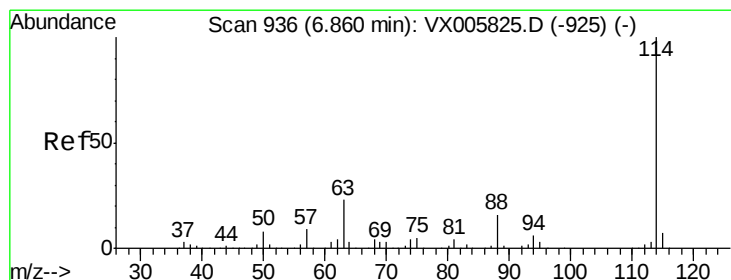
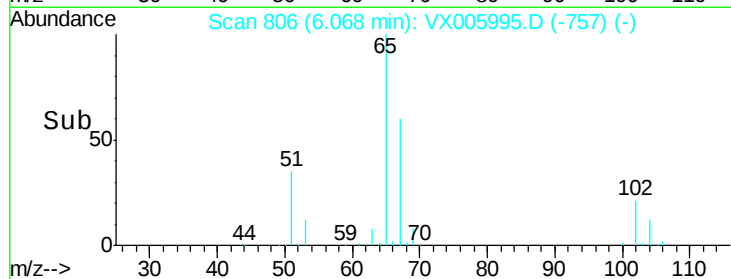
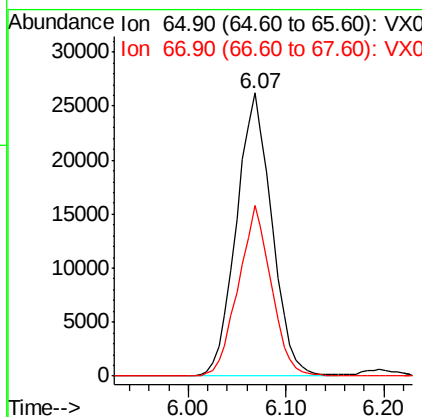
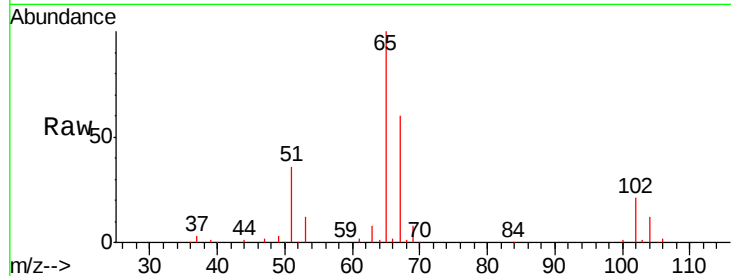
#33
 1,2-Dichloroethane-d4
 Concen: 46.81 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion: 65 Resp: 66047
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 105.0

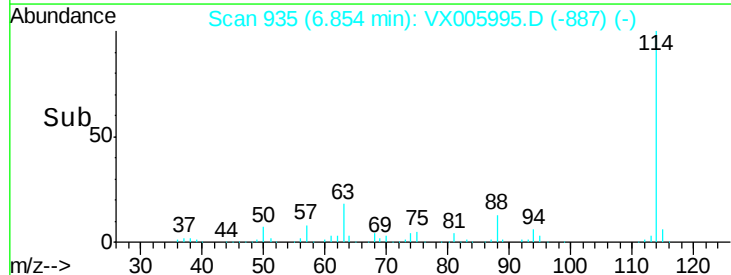
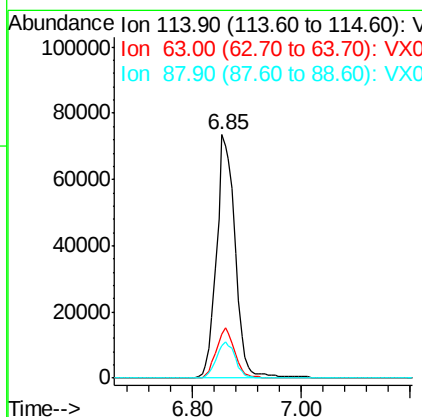
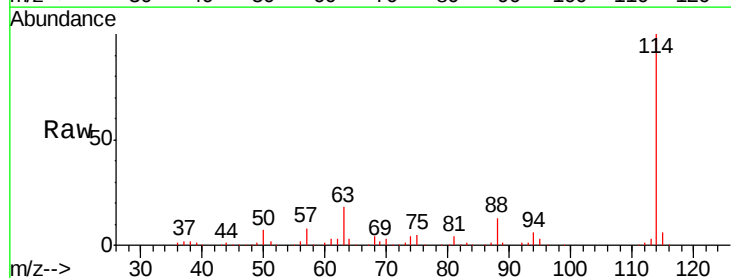
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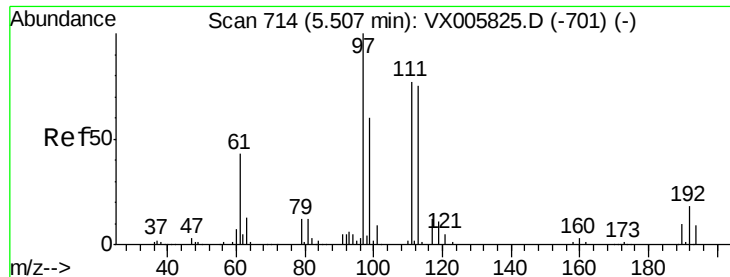
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 114 Resp: 175523
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 42.8
 88 13.4 0.0 31.2





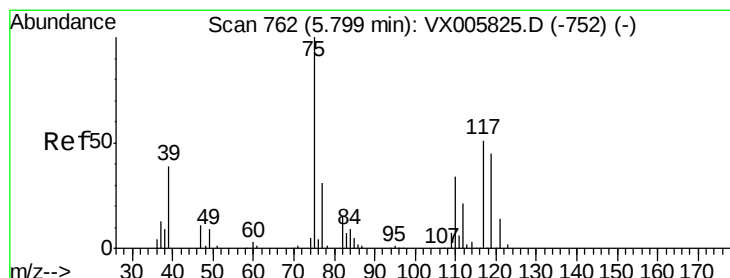
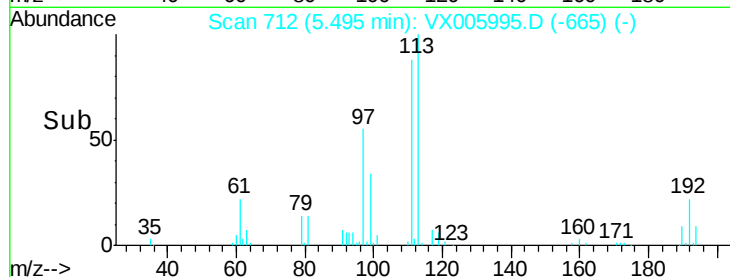
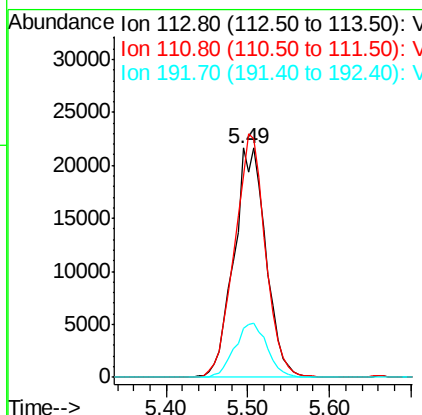
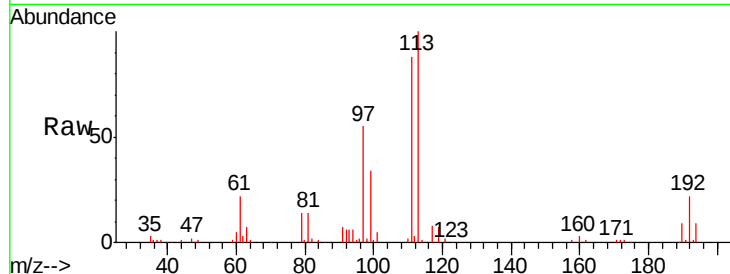
#35
 Dibromofluoromethane
 Concen: 49.49 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	59077		
111	101.7	82.3	123.5	
192	23.7	17.9	26.9	

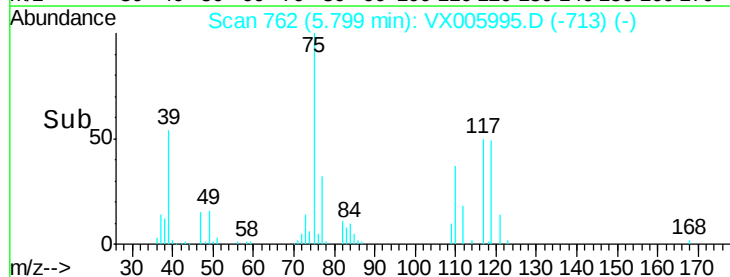
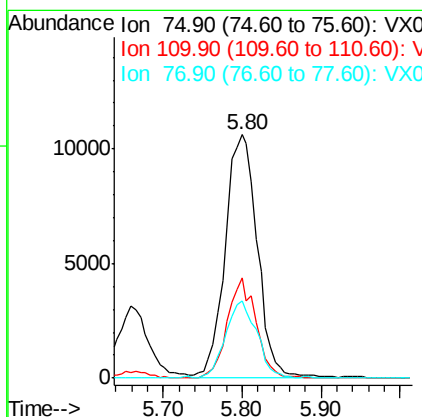
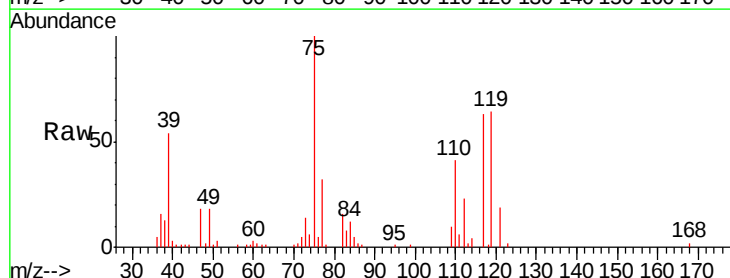
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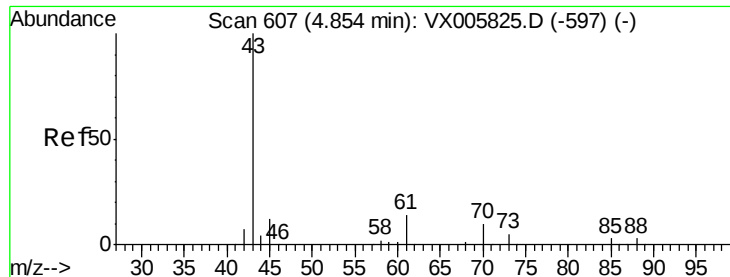
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#36
 1,1-Dichloropropene
 Concen: 17.85 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30204		
110	36.3	17.4	52.2	
77	30.7	25.8	38.6	





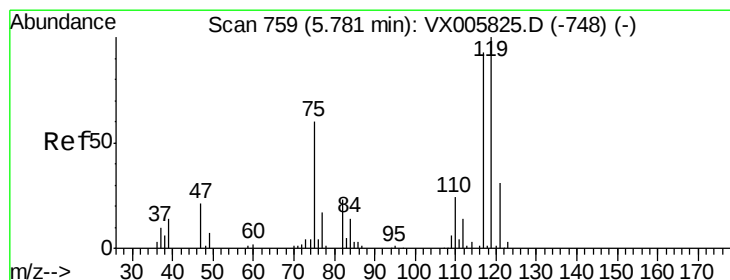
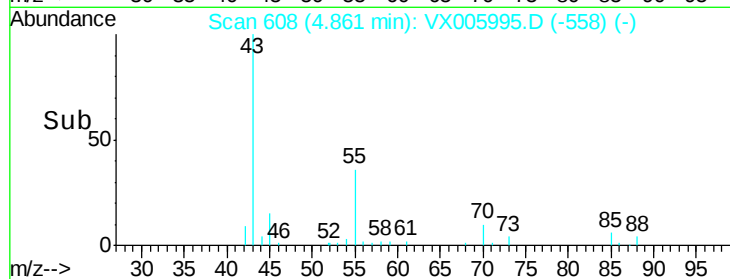
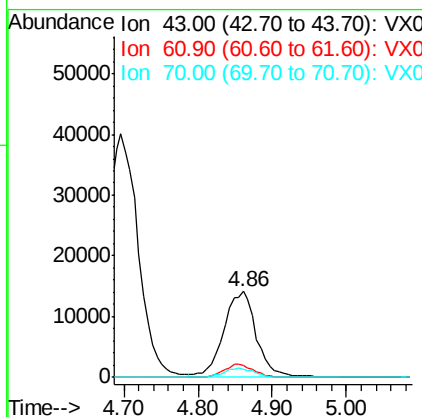
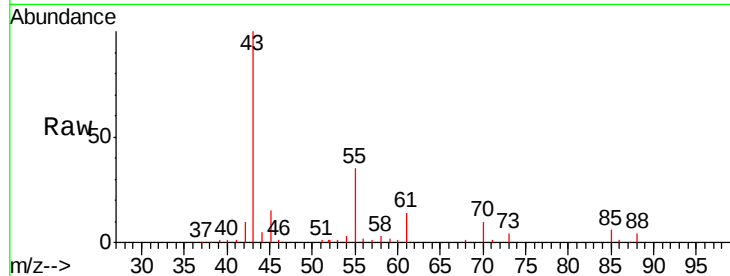
#37
Ethyl Acetate
Concen: 19.15 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion: 43 Resp: 42612
Ion Ratio Lower Upper
43 100
61 14.3 10.8 16.2
70 10.1 7.8 11.8

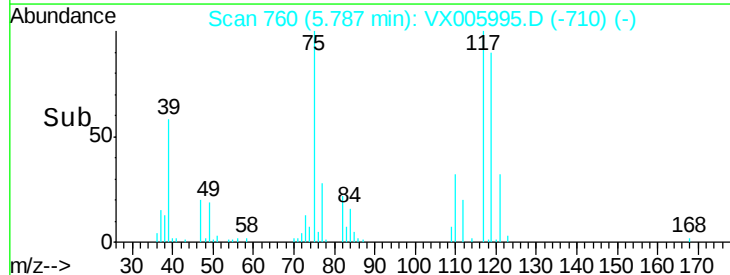
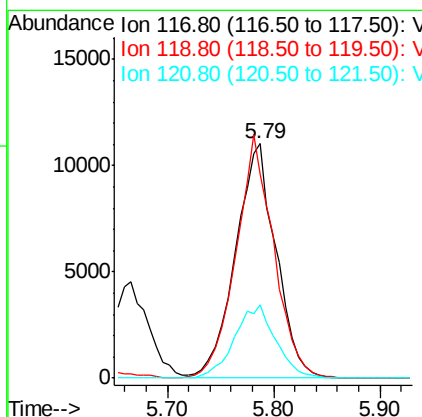
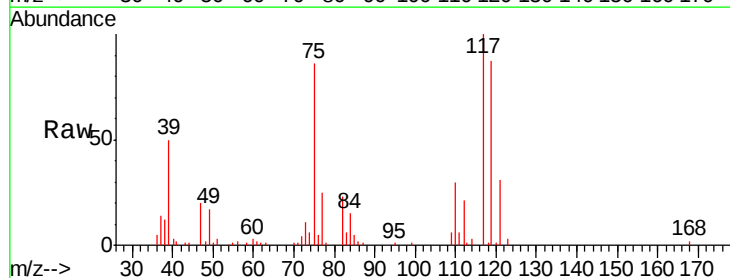
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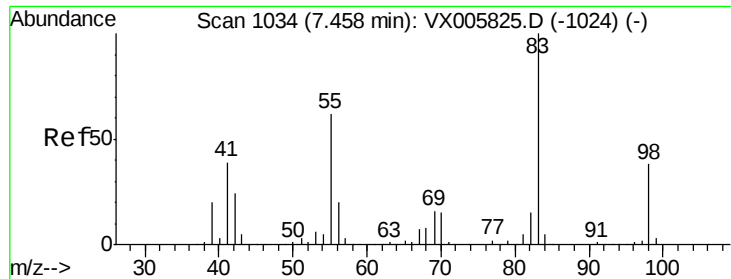
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#38
Carbon Tetrachloride
Concen: 17.37 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 117 Resp: 29430
Ion Ratio Lower Upper
117 100
119 87.2 78.1 117.1
121 31.1 24.6 36.8





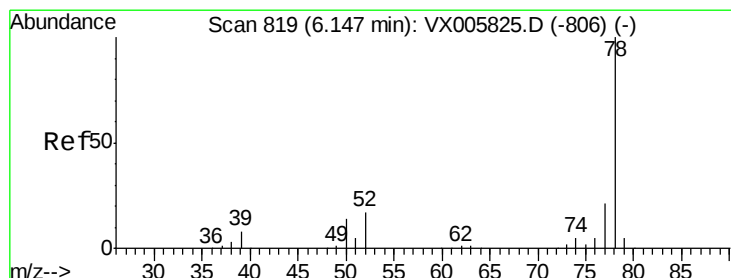
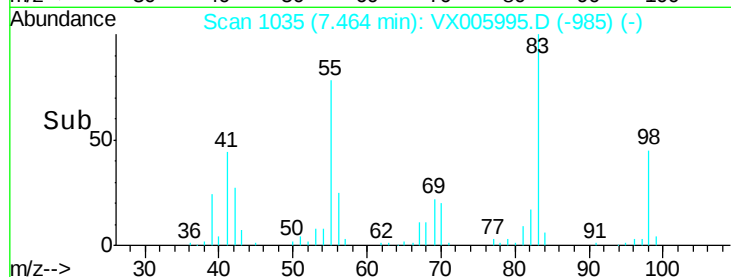
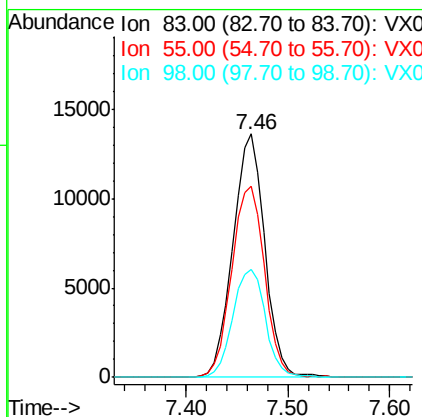
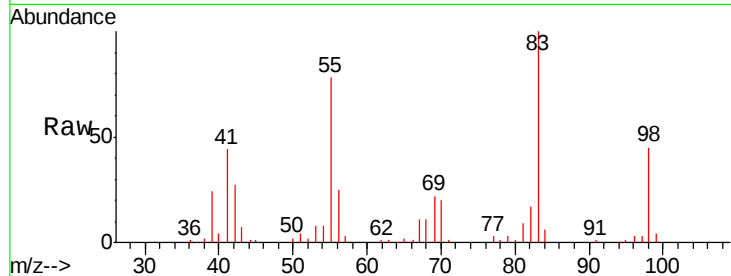
#39
Methylcyclohexane
Concen: 17.19 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.7	95.5
98	44.6	36.2	54.2

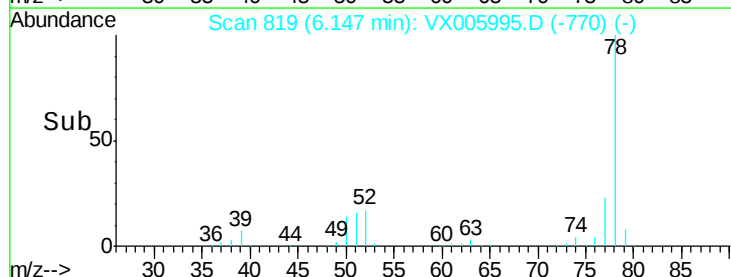
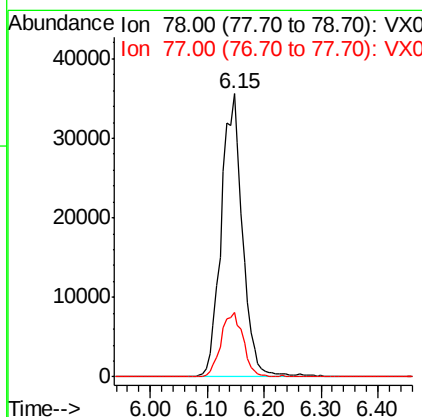
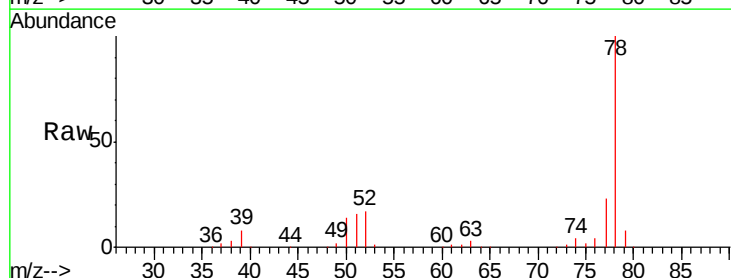
Manual Integrations
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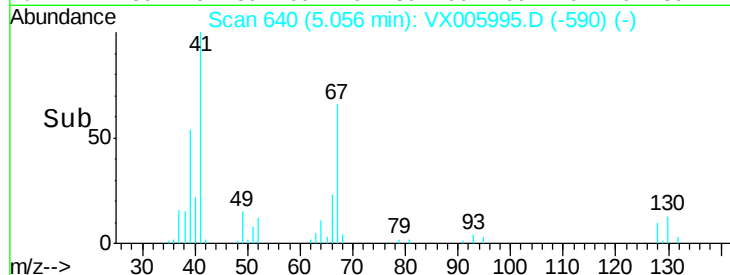
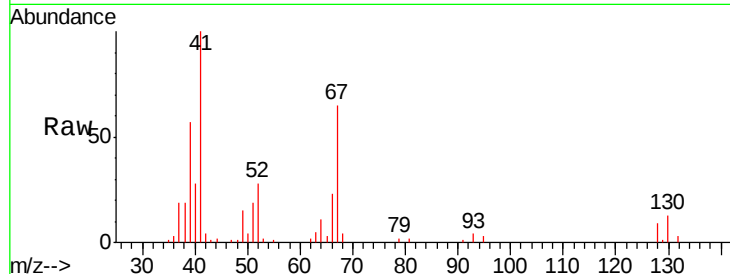
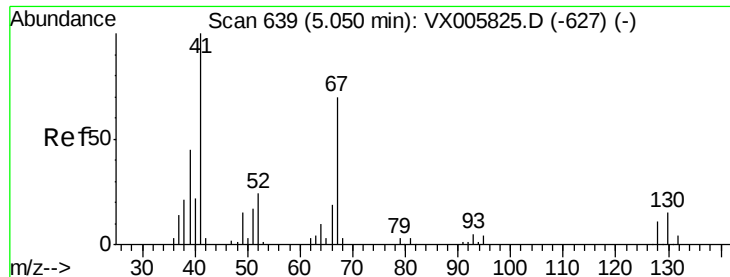
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#40
Benzene
Concen: 18.86 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

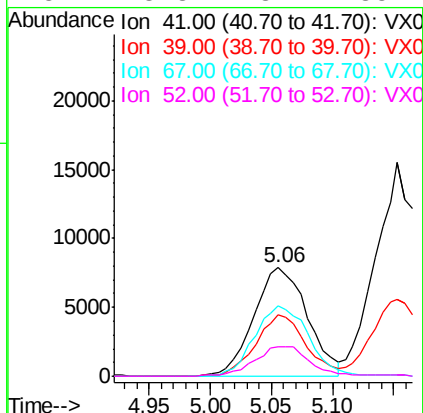
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.4	27.6





#41
Methacrylonitrile
Concen: 19.99 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

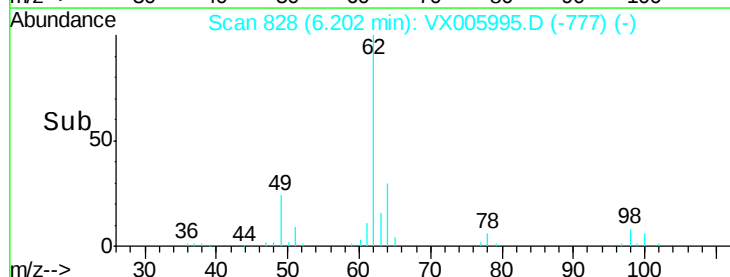
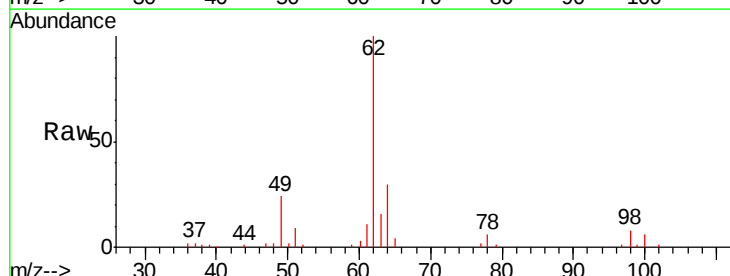
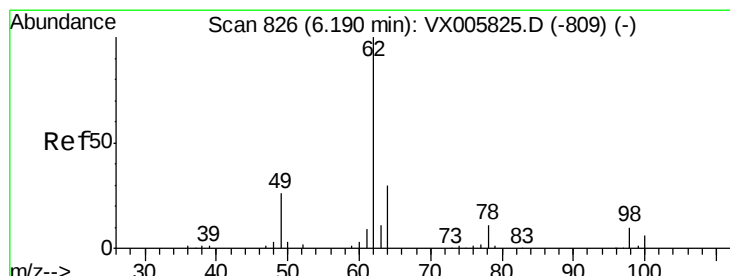
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.2	63.2	
67	66.0	53.4	80.0	
52	28.3	23.4	35.2	



Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

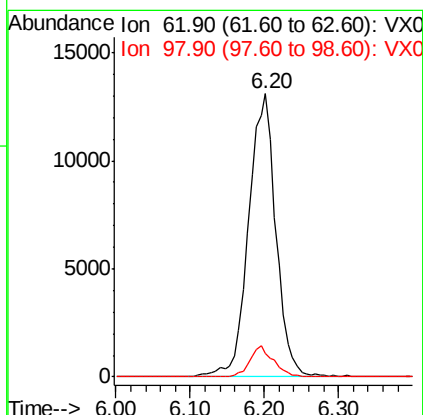
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#42
1,2-Dichloroethane
Concen: 19.10 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	17.8	





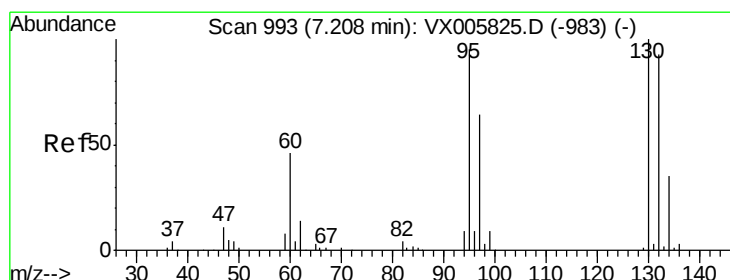
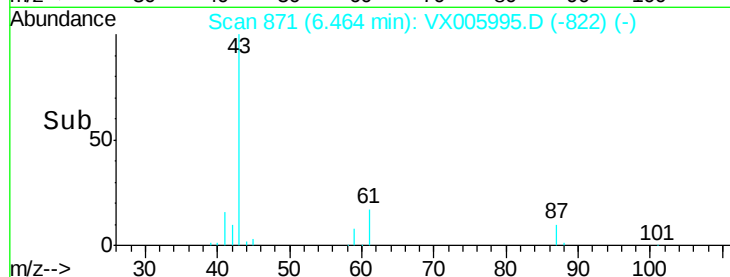
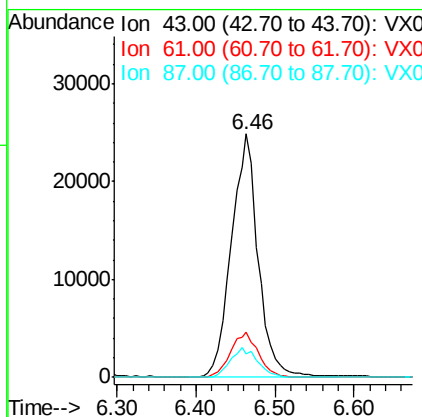
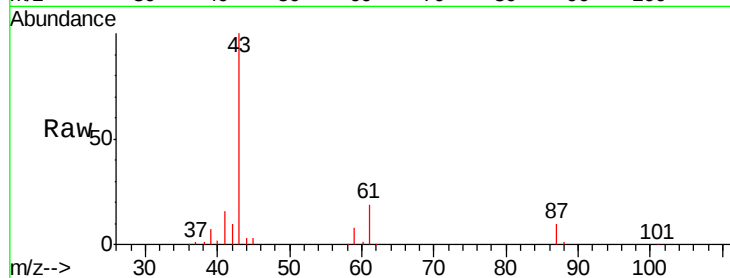
#43
Isopropyl Acetate
Concen: 18.24 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.6	22.0
87	12.2	9.6	14.4

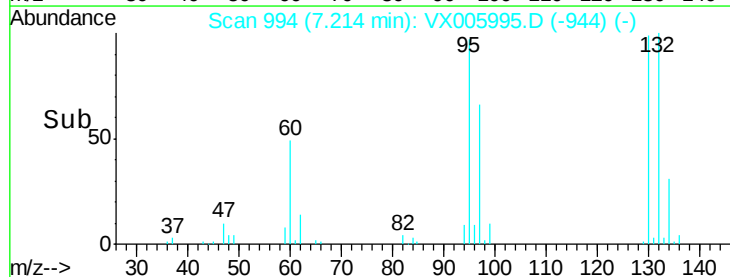
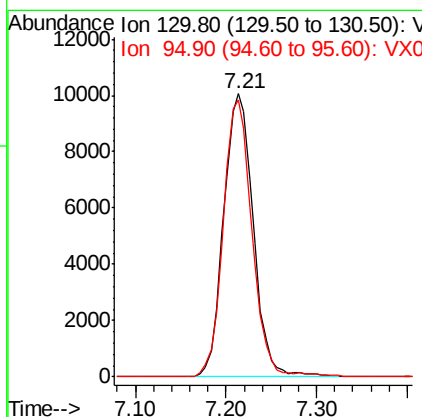
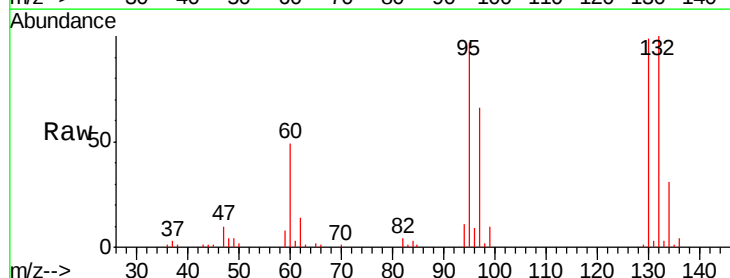
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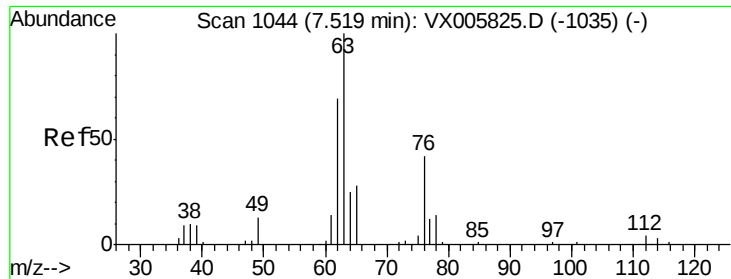
MMDadoda
11/15/2018 1:04:10 PM



#44
Trichloroethene
Concen: 18.23 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	194.2





#45

1,2-Dichloropropane

Concen: 19.08 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 63 Resp: 22846

Ion Ratio Lower Upper

63 100

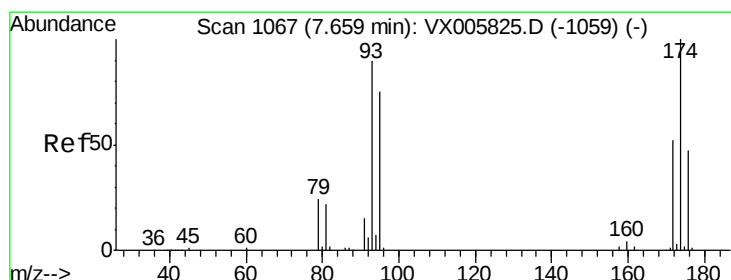
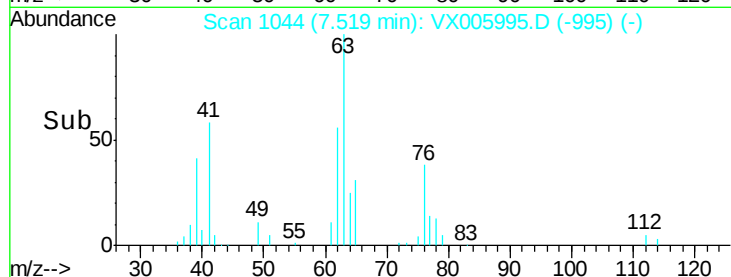
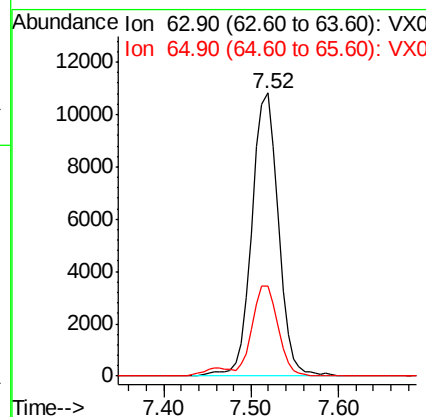
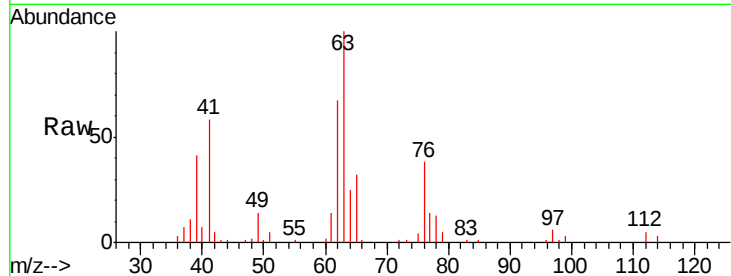
65 32.0 24.8 37.2

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#46

Dibromomethane

Concen: 19.14 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

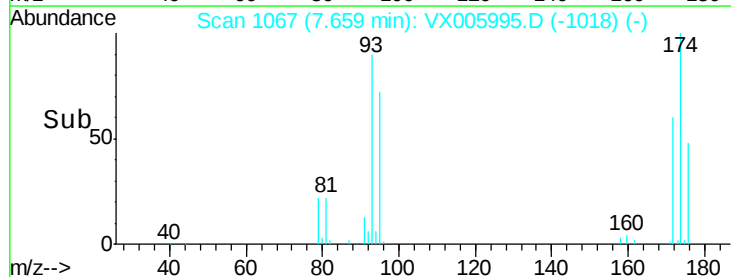
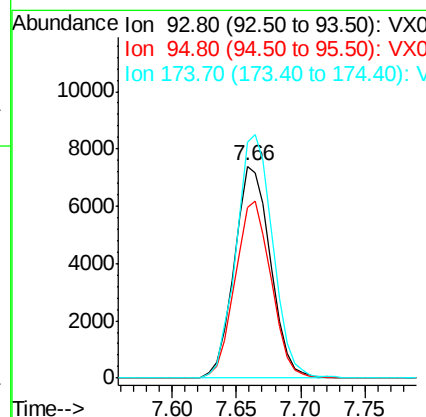
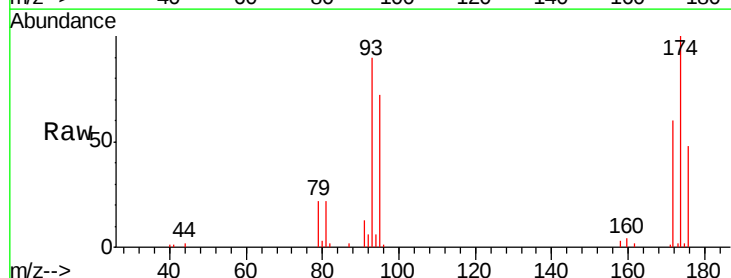
Tgt Ion: 93 Resp: 14377

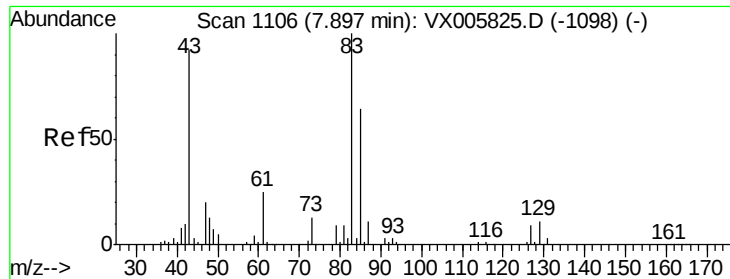
Ion Ratio Lower Upper

93 100

95 83.6 67.4 101.0

174 116.6 91.5 137.3





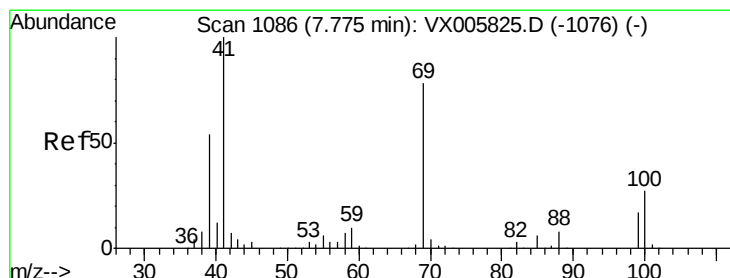
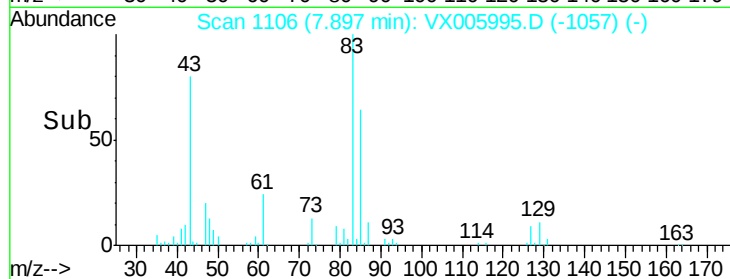
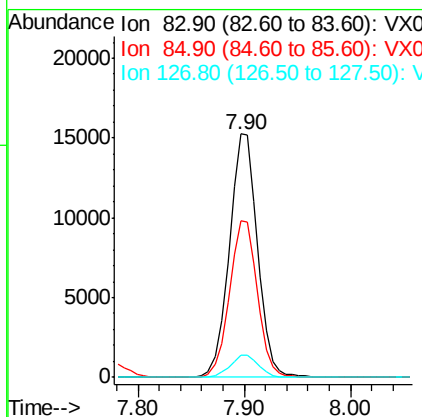
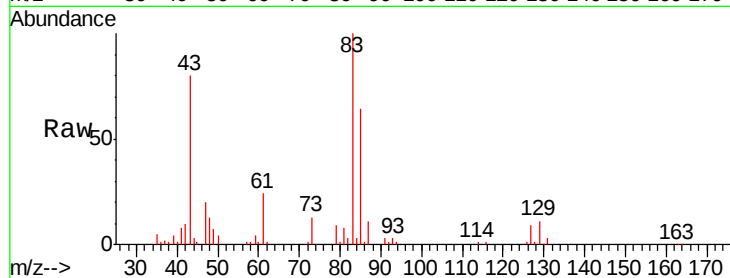
#47
Bromodichloromethane
Concen: 19.89 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.2	75.4
127	8.9	6.9	10.3

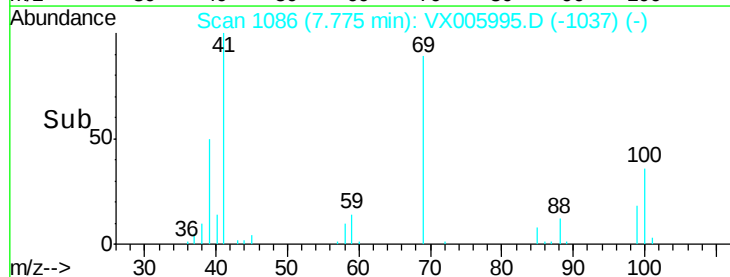
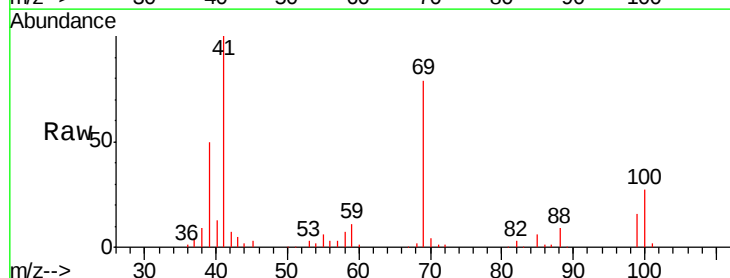
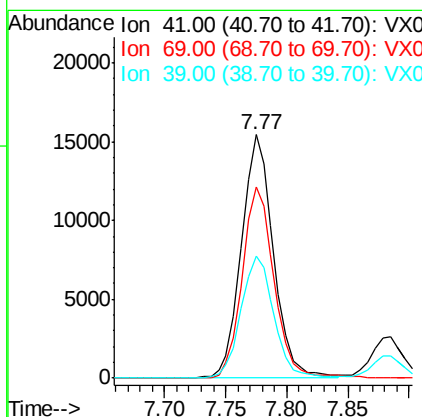
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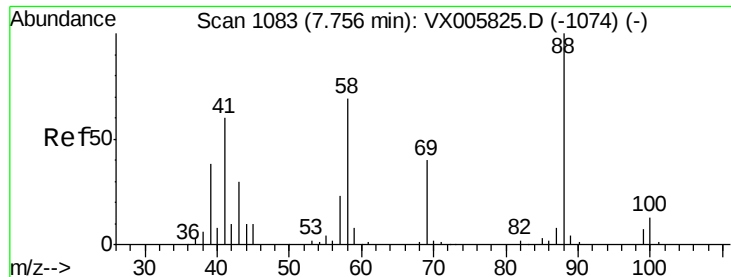
MMDadoda
11/15/2018 1:04:10 PM



#48
Methyl methacrylate
Concen: 19.37 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.3	63.2	94.8
39	51.6	42.2	63.2





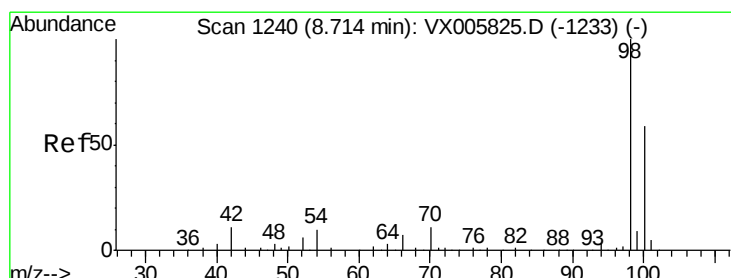
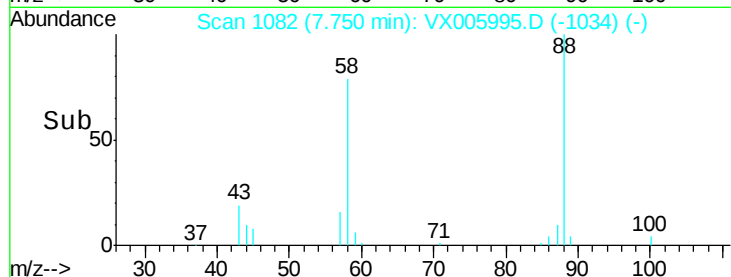
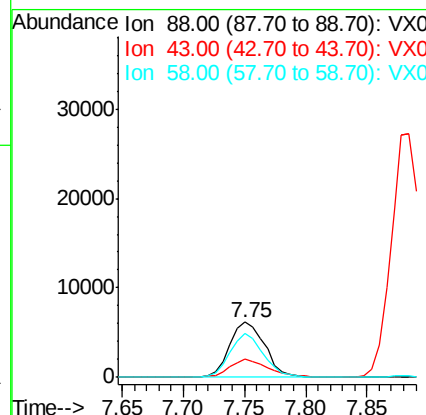
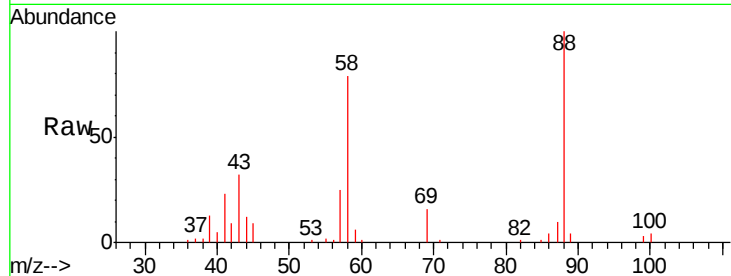
#49
1,4-Dioxane
Concen: 395.39 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.1	27.4	41.0
58	75.7	59.4	89.2

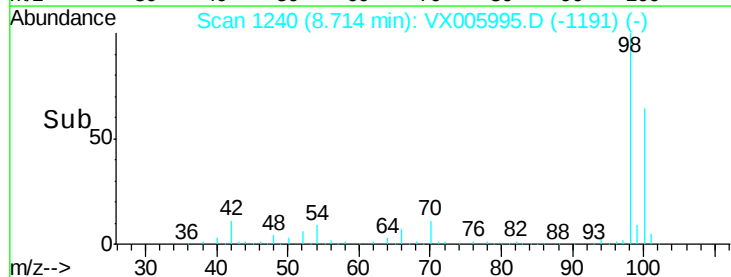
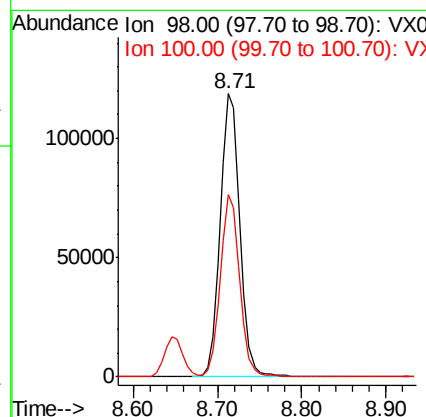
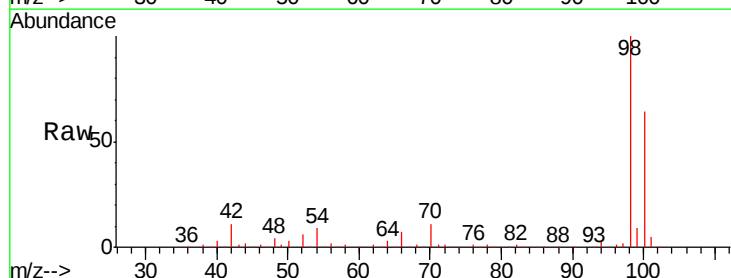
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#50
Toluene-d8
Concen: 48.38 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.3	76.9





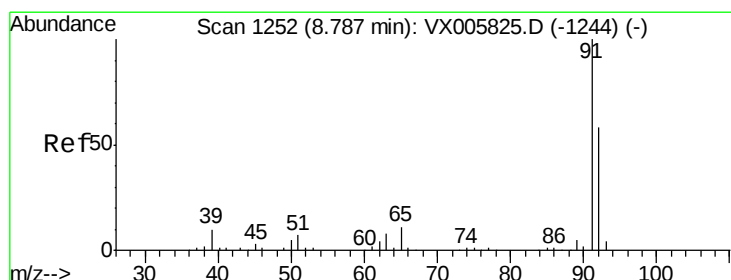
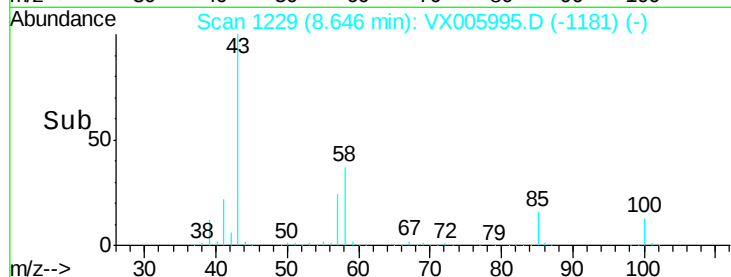
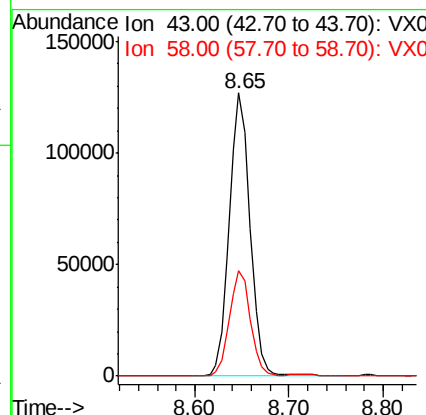
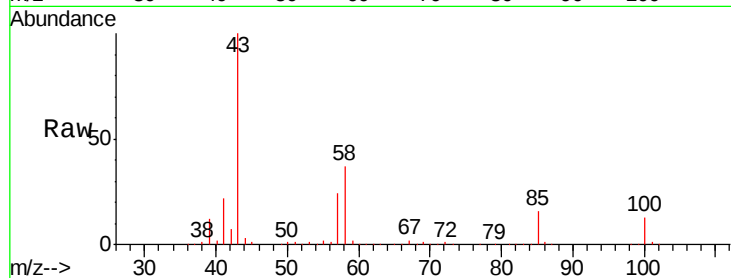
#51
4-Methyl-2-Pentanone
Concen: 96.04 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion: 43 Resp: 195165
Ion Ratio Lower Upper
43 100
58 37.3 29.7 44.5

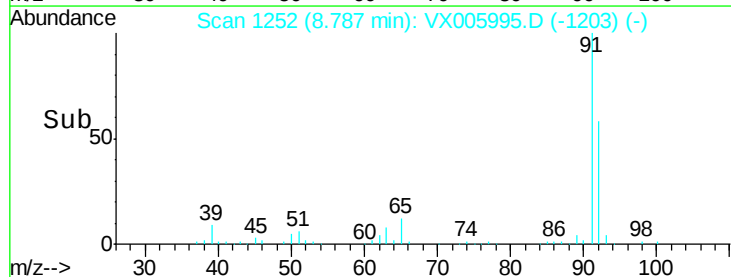
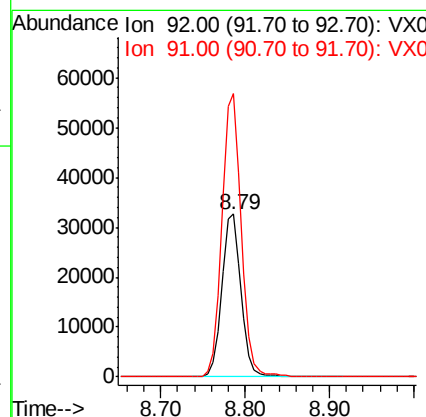
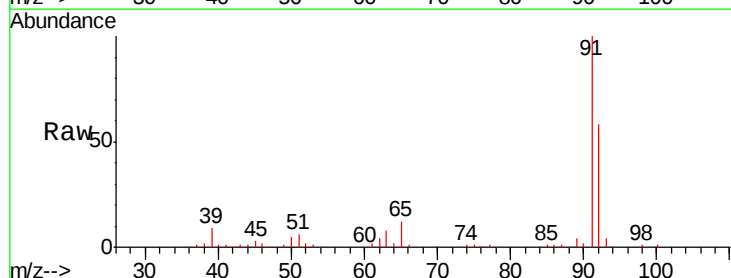
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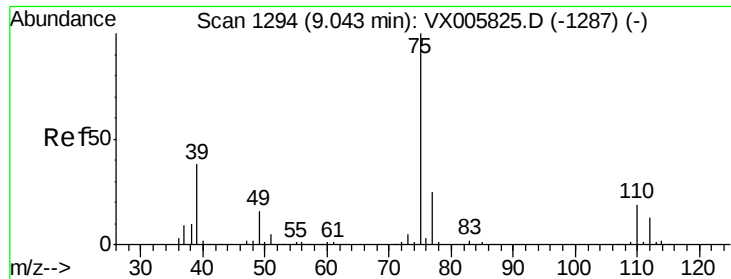
MMDadoda
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#52
Toluene
Concen: 18.70 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 92 Resp: 51563
Ion Ratio Lower Upper
92 100
91 175.1 140.4 210.6





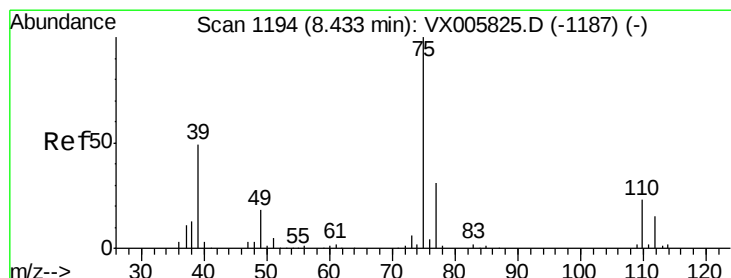
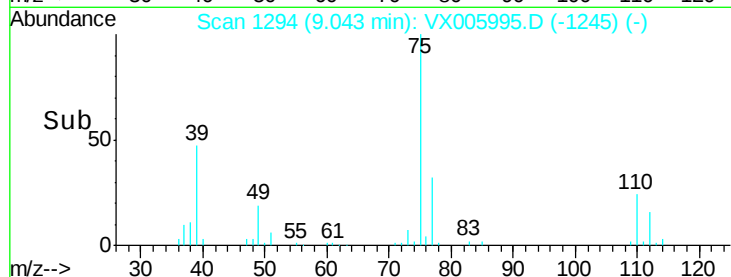
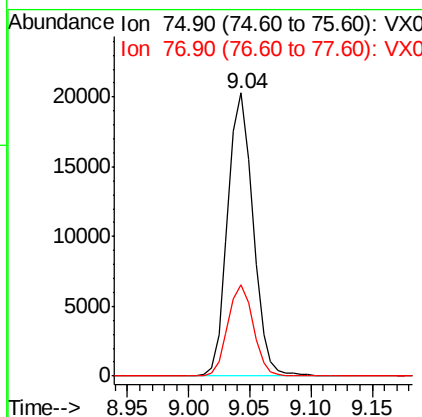
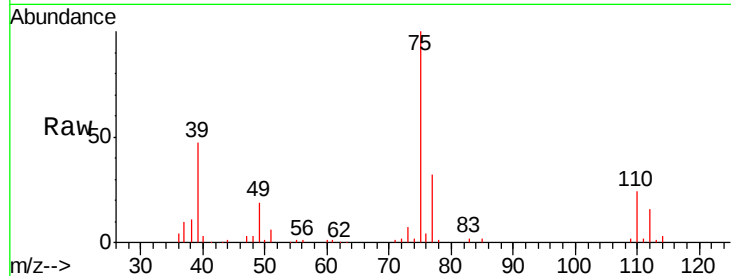
#53
 t-1,3-Dichloropropene
 Concen: 17.46 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion: 75 Resp: 29258
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2

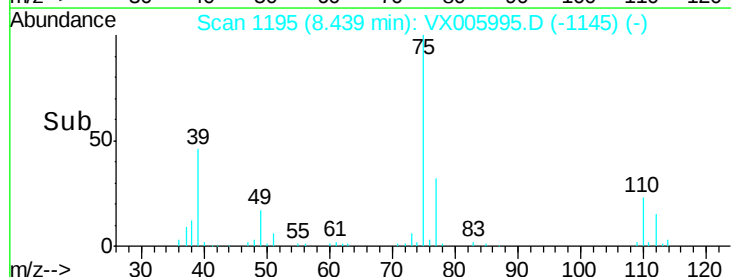
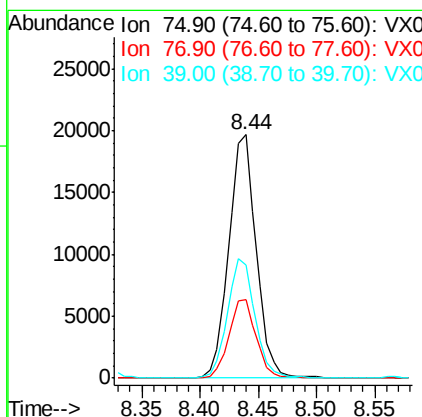
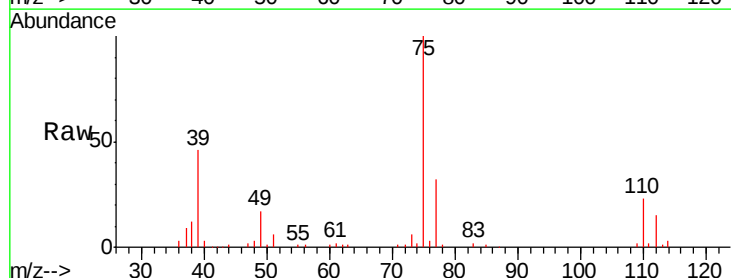
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#54
 cis-1,3-Dichloropropene
 Concen: 18.93 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 75 Resp: 32325
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8
 39 46.2 38.2 57.2





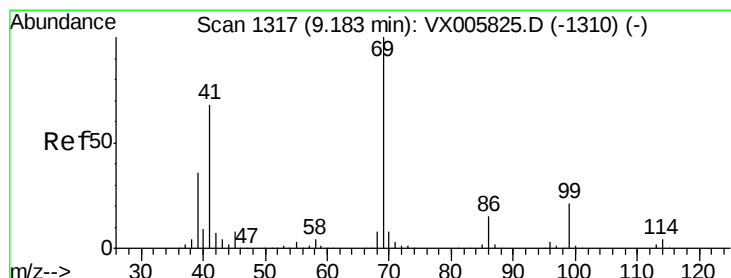
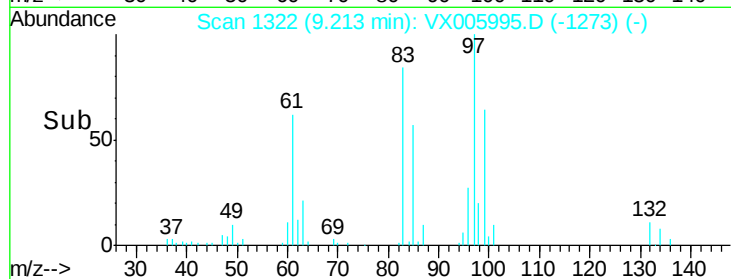
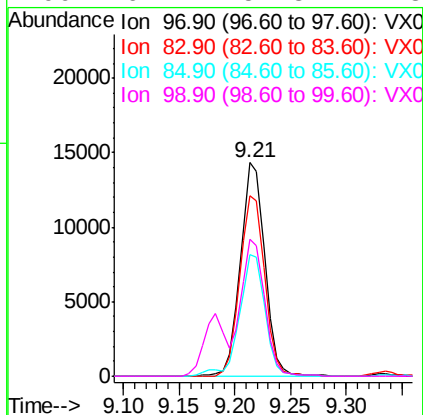
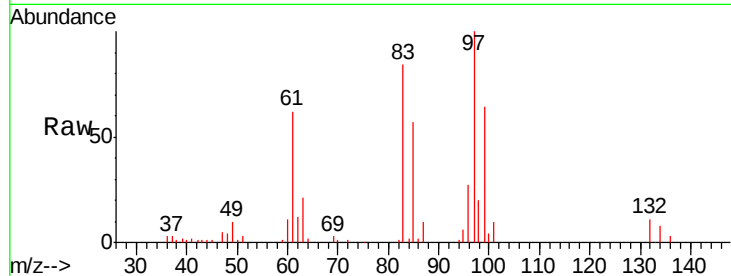
#55
 1,1,2-Trichloroethane
 Concen: 17.79 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.7	106.1
85	57.0	45.8	68.6
99	64.2	51.8	77.8

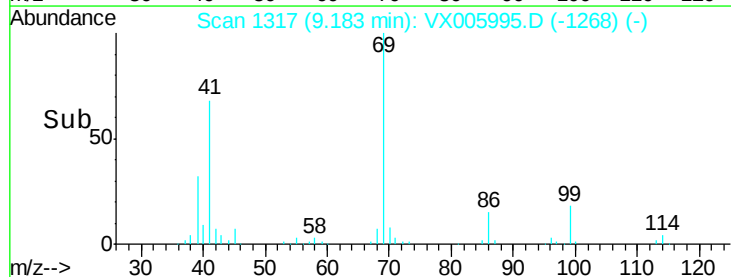
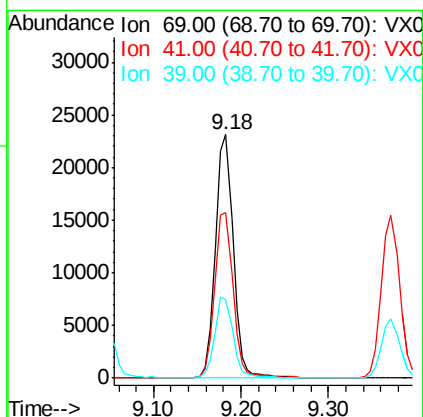
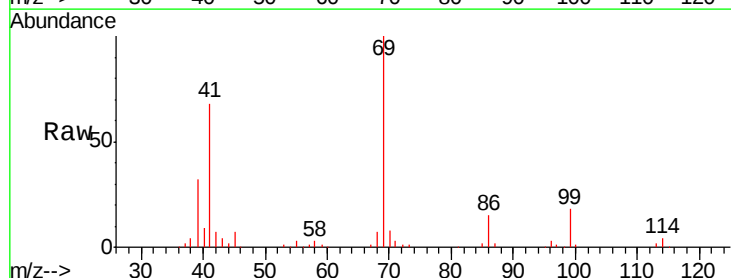
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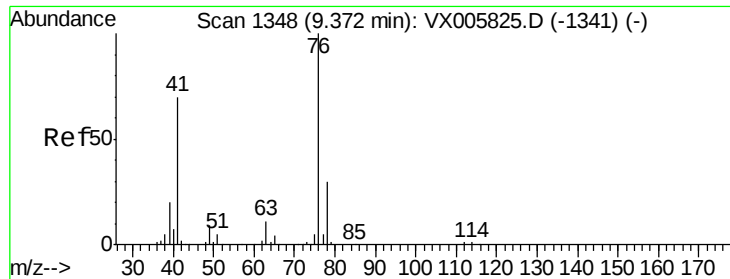
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#56
 Ethyl methacrylate
 Concen: 17.75 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	57.0	85.6
39	35.0	28.3	42.5





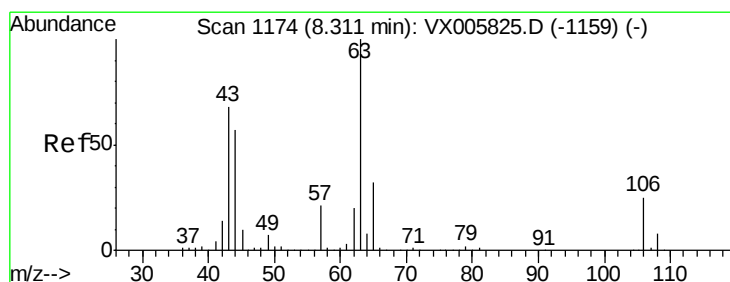
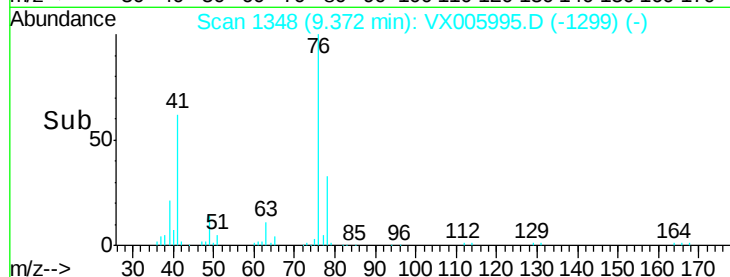
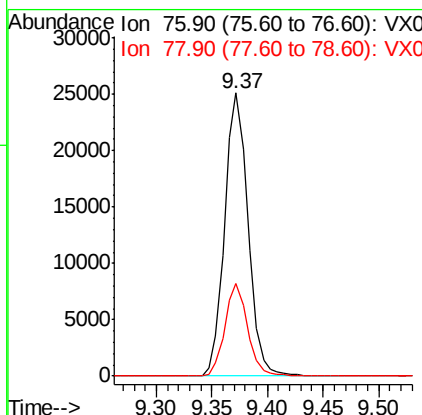
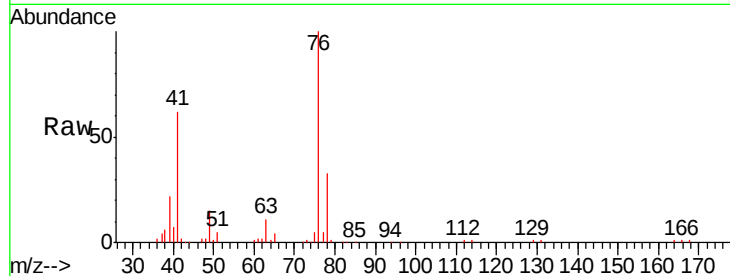
#57
 1,3-Dichloropropane
 Concen: 17.74 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion: 76 Resp: 36621
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.3 37.9

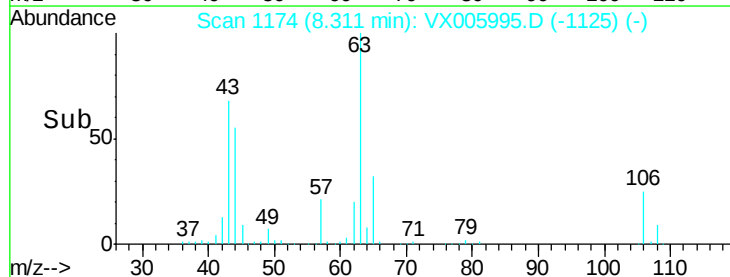
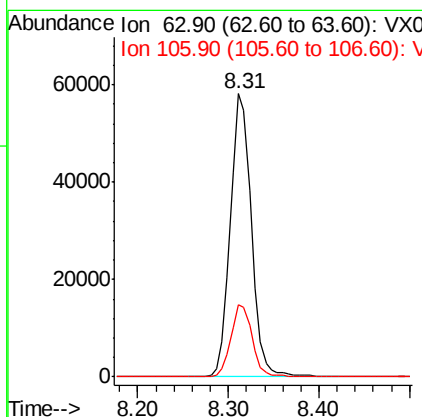
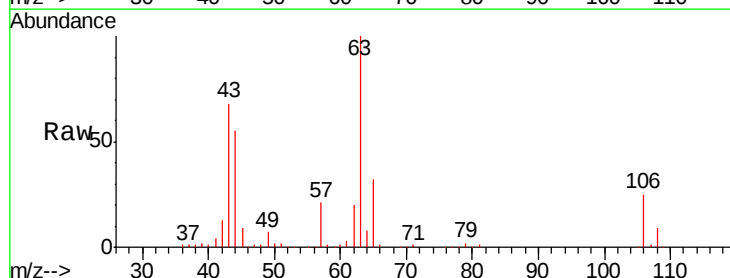
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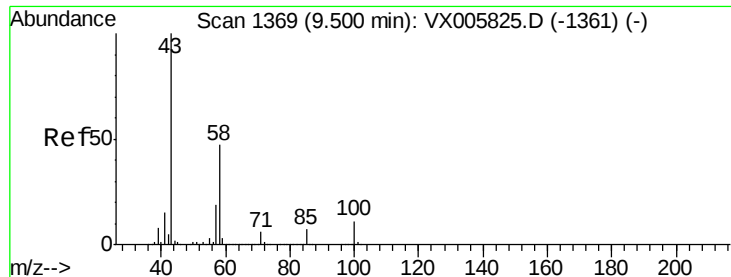
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.00 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion: 63 Resp: 93991
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.3 31.9





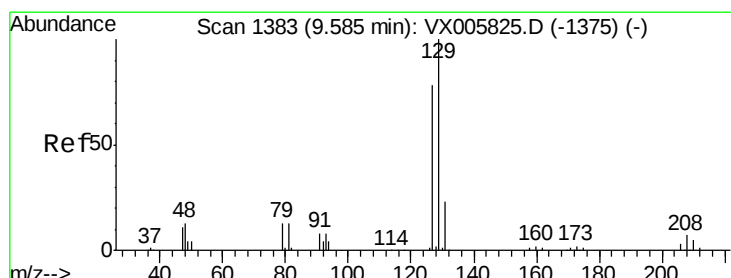
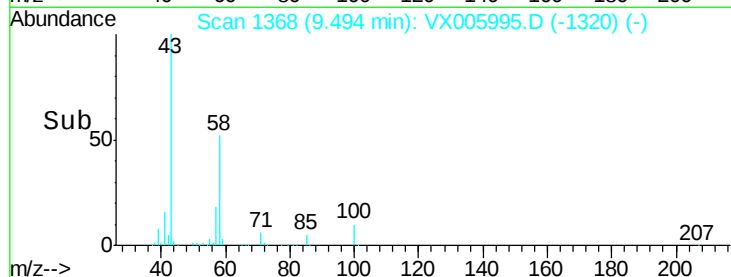
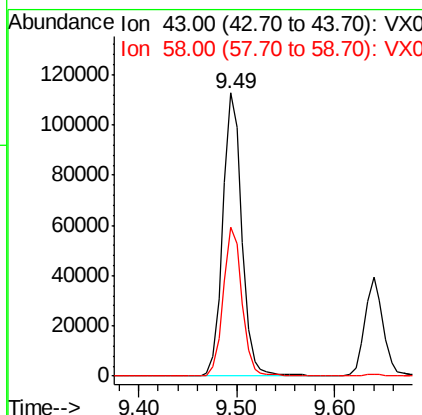
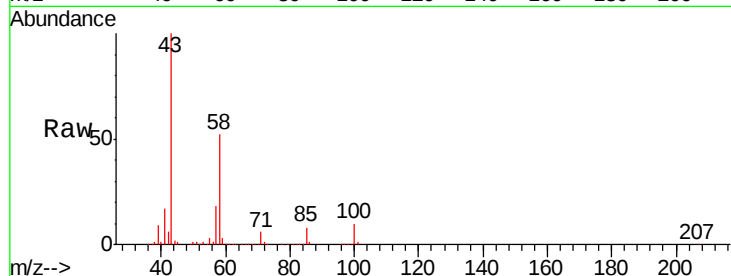
#59
2-Hexanone
Concen: 85.20 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion: 43 Resp: 152606
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8

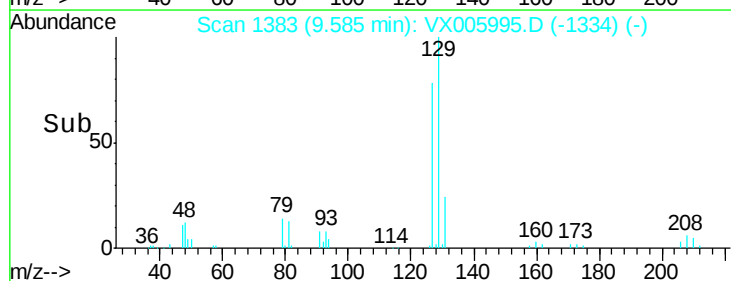
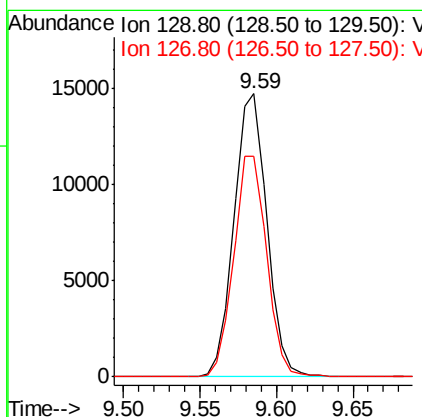
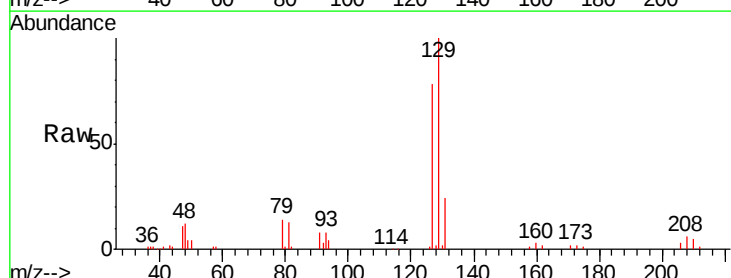
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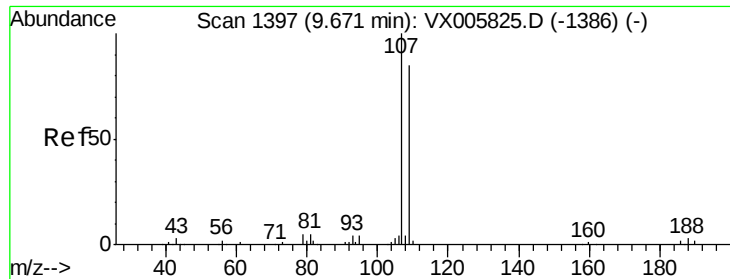
MMDadoda
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#60
Dibromochloromethane
Concen: 16.52 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 129 Resp: 21941
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 16.66 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 107 Resp: 22634

Ion Ratio Lower Upper

107 100

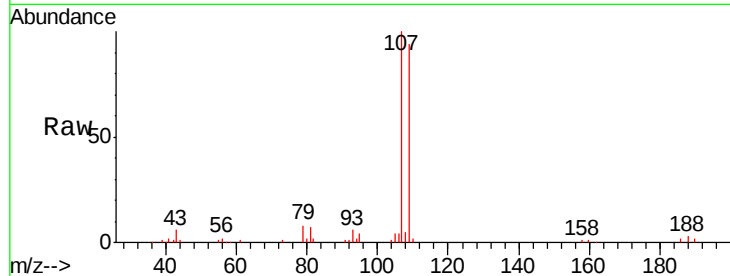
109 94.1 75.7 113.5

Manual Integrations

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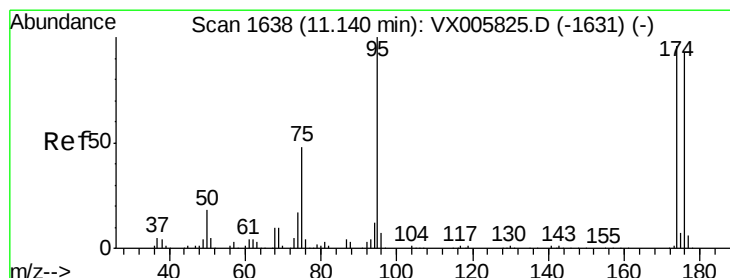
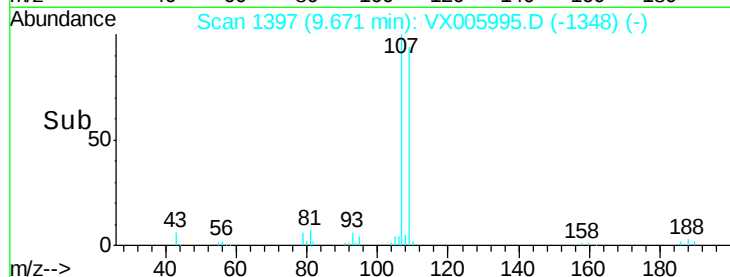
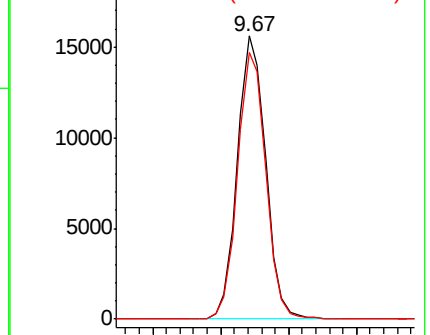
MMDadoda

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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: 49.27 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

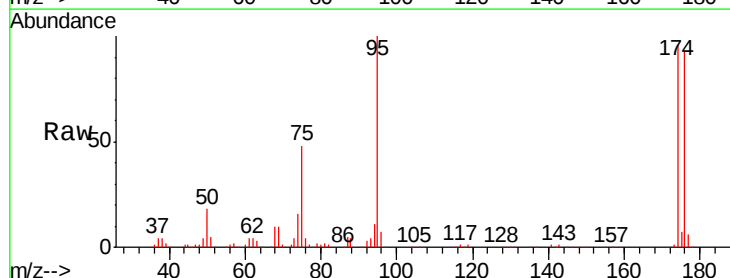
Tgt Ion: 95 Resp: 70304

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.4

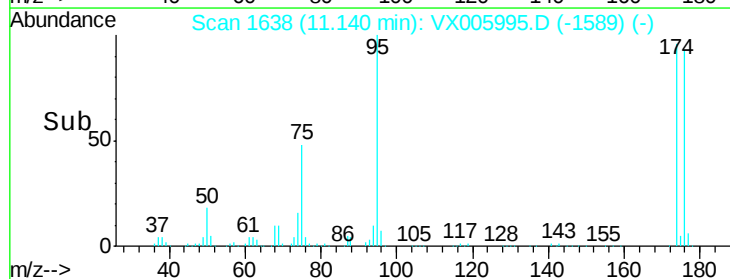
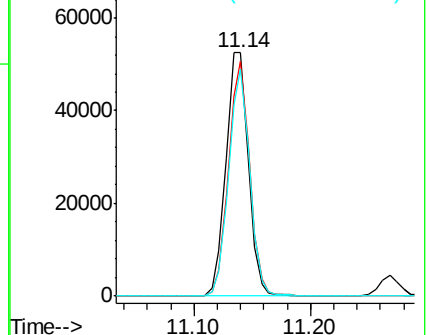
176 87.8 0.0 177.4



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: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

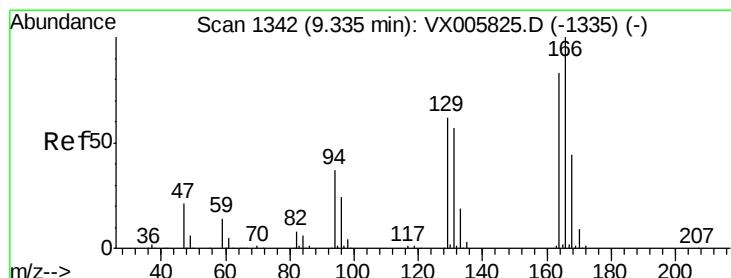
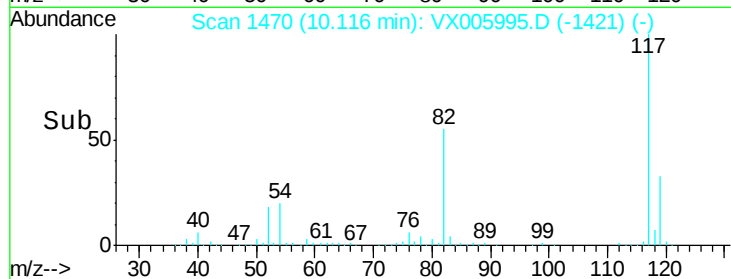
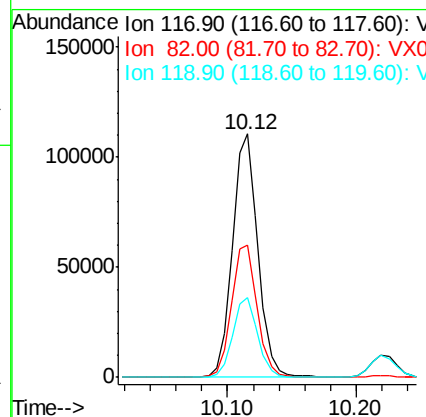
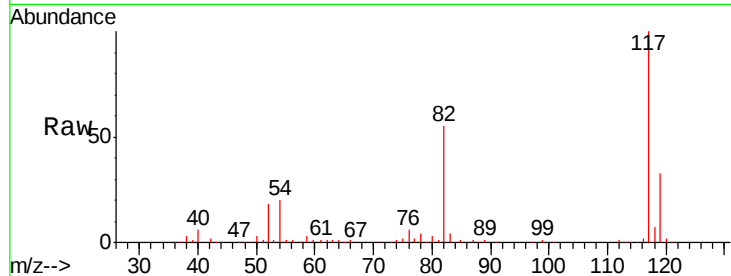
ClientSampleId :

VX1114WBSD02

Tgt Ion:	117	Resp:	152346
Ion Ratio	Lower	Upper	
117	100		
82	54.5	44.1	66.1
119	32.6	26.2	39.2

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#64

Tetrachloroethene

Concen: 18.01 ug/l

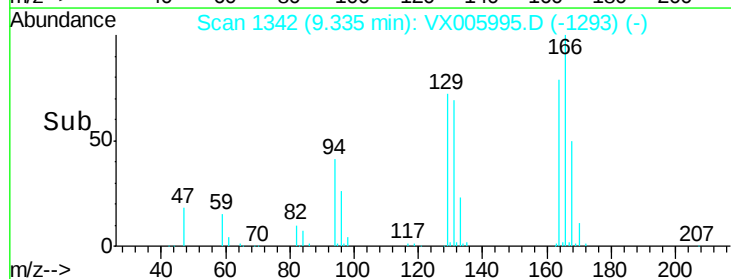
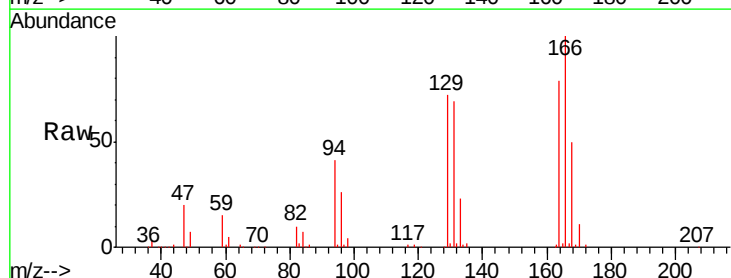
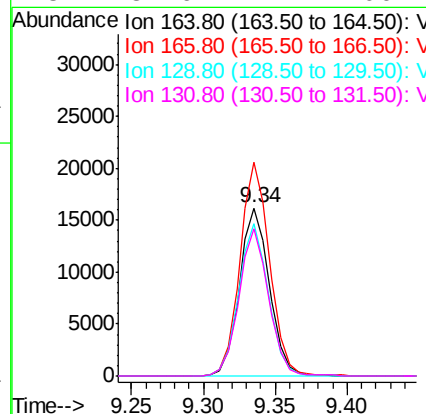
RT: 9.34 min Scan# 1342

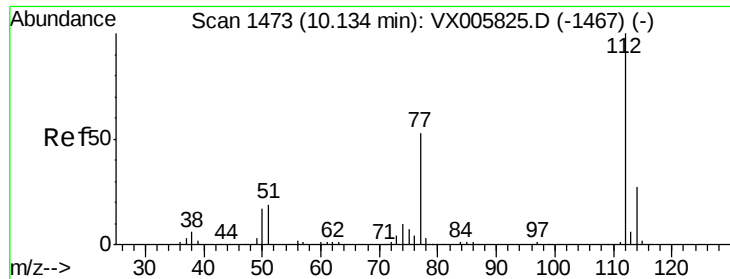
Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion:	164	Resp:	23364
Ion Ratio	Lower	Upper	
164	100		
166	126.9	101.9	152.9
129	90.8	72.6	109.0
131	87.6	71.1	106.7





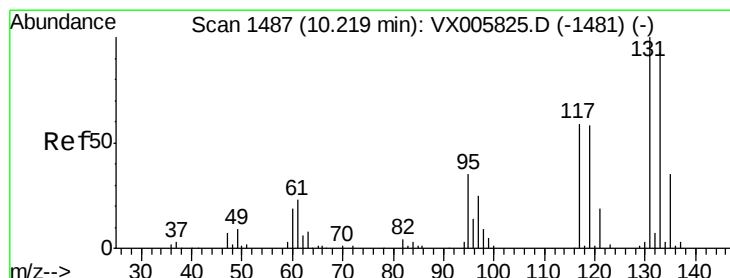
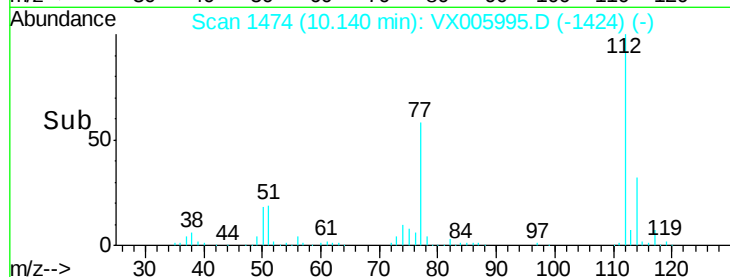
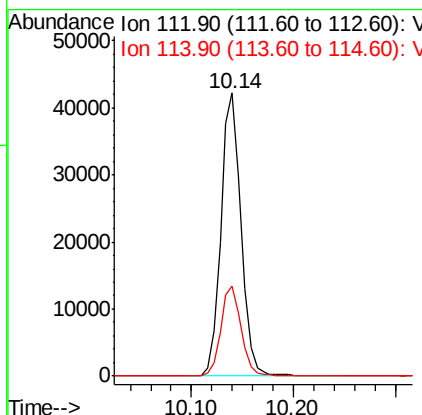
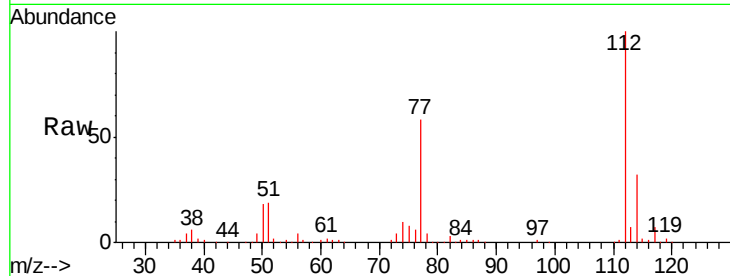
#65
Chlorobenzene
Concen: 18.99 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion:112 Resp: 57956
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

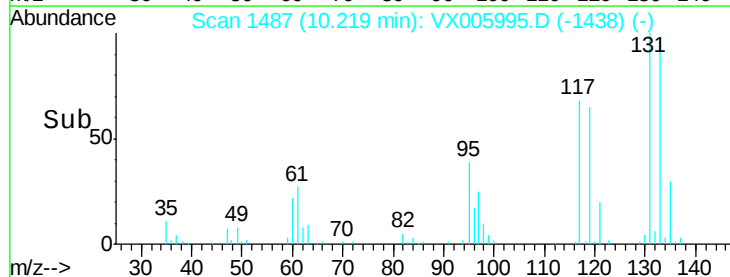
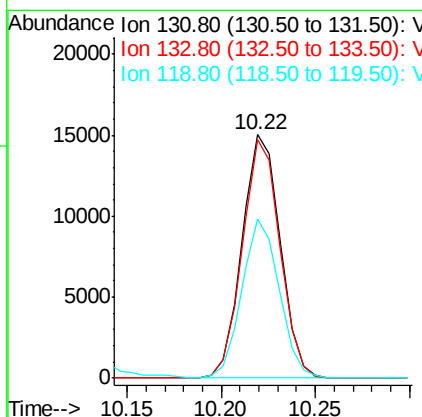
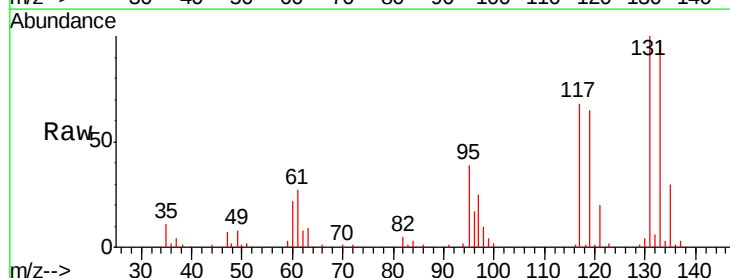
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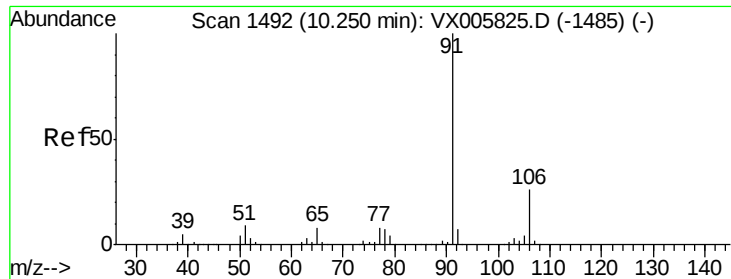
MMDadoda
11/15/2018 1:04:10 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.84 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion:131 Resp: 21054
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 64.1 31.8 95.3





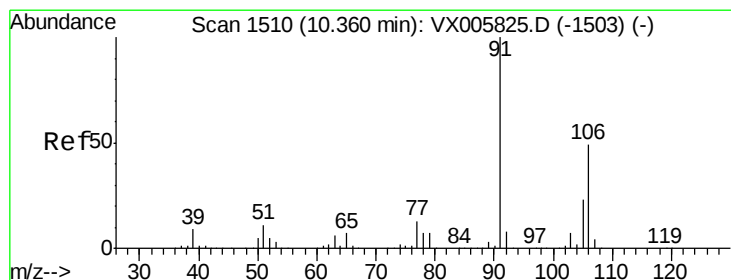
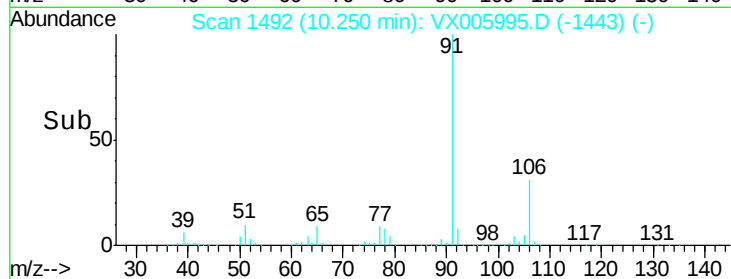
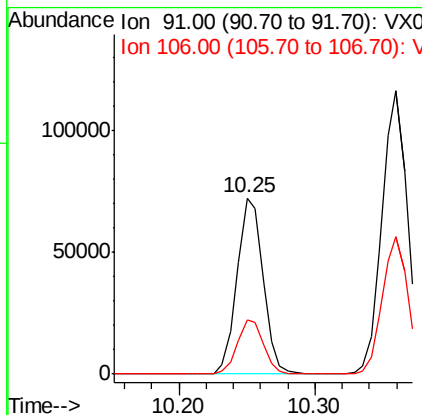
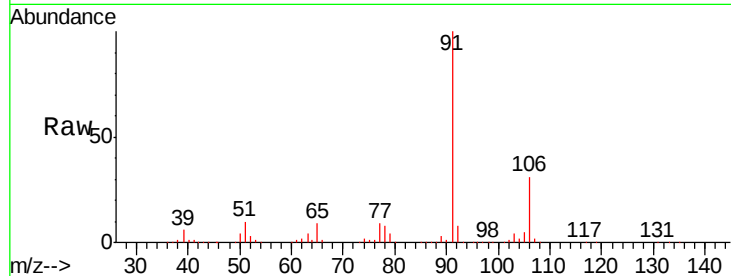
#67
Ethyl Benzene
Concen: 19.79 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion: 91 Resp: 96841
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

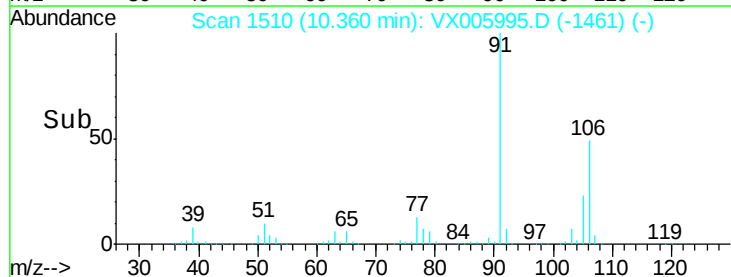
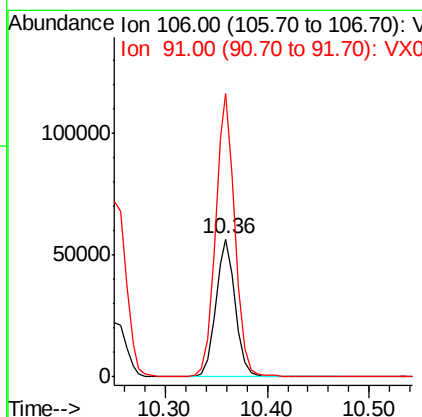
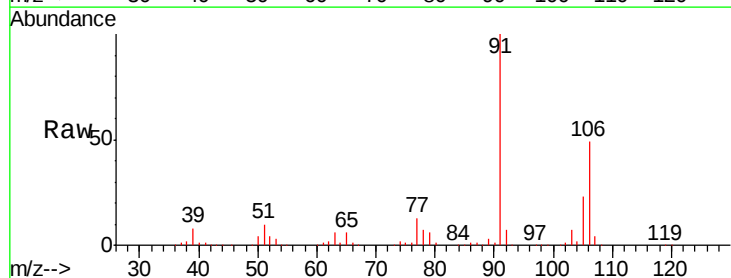
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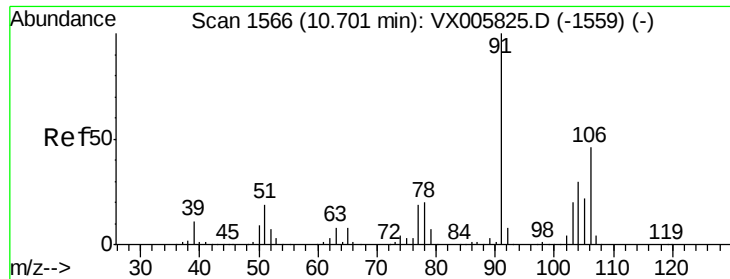
MMDadoda
11/15/2018 1:04:10 PM



#68
m/p-Xylenes
Concen: 40.44 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion: 106 Resp: 75495
Ion Ratio Lower Upper
106 100
91 205.6 164.2 246.4





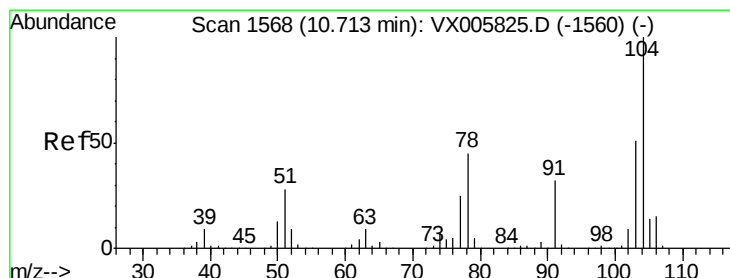
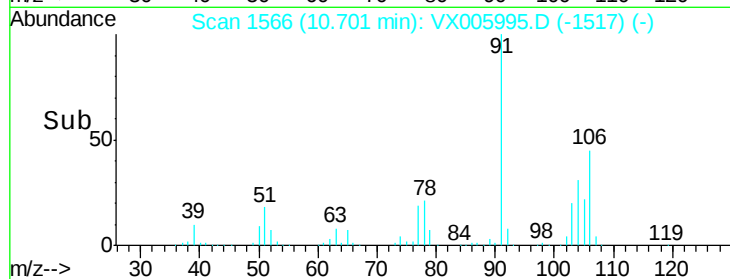
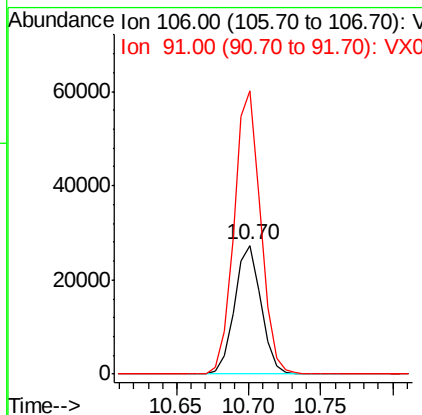
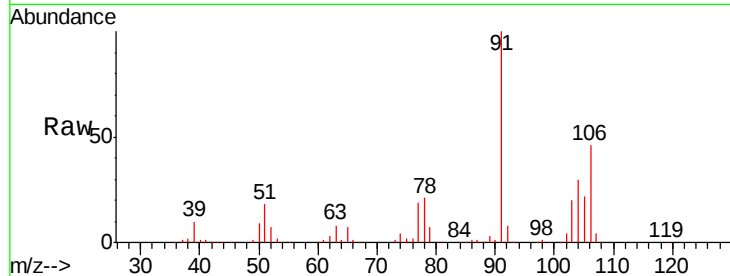
#69
o-Xylene
Concen: 20.97 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion:106 Resp: 35097
Ion Ratio Lower Upper
106 100
91 221.4 108.5 325.5

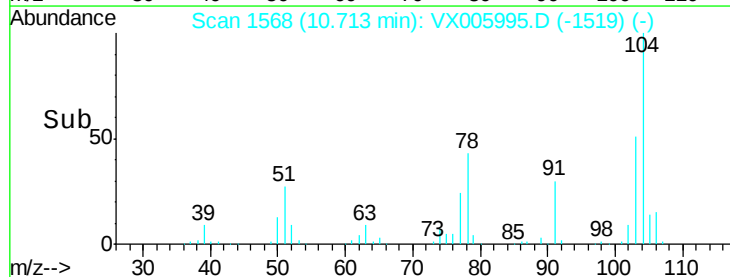
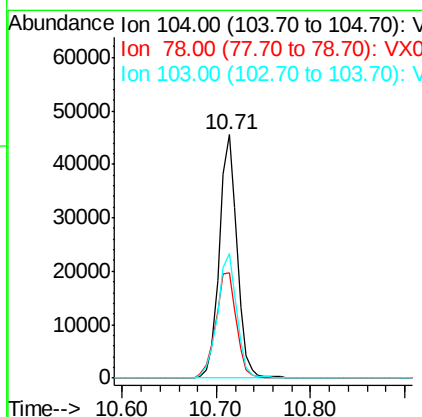
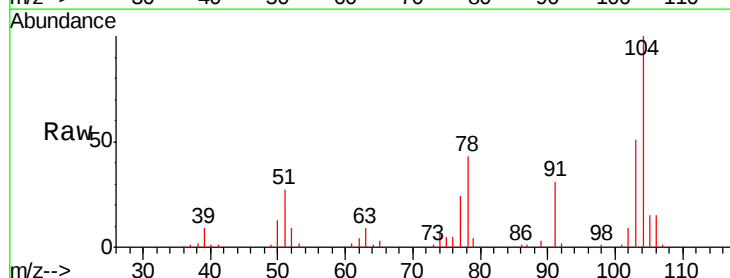
Manual Integrations
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11/15/2018 1:04:10 PM



#70
Styrene
Concen: 21.58 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion:104 Resp: 59585
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 55.9 44.9 67.3





#71

Bromoform

Concen: 20.12 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

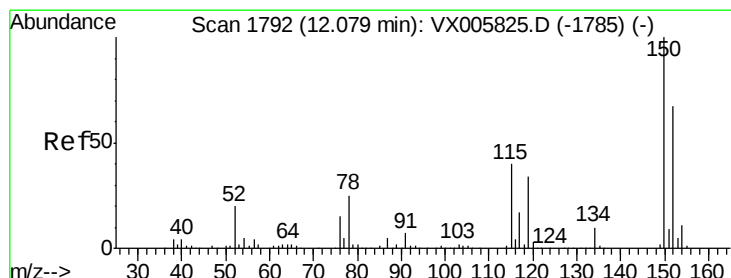
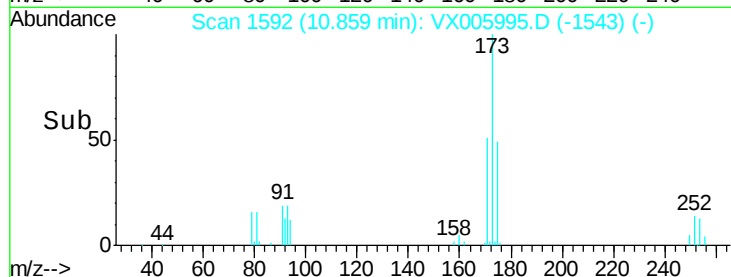
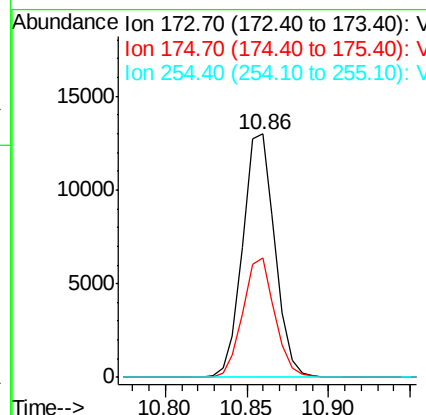
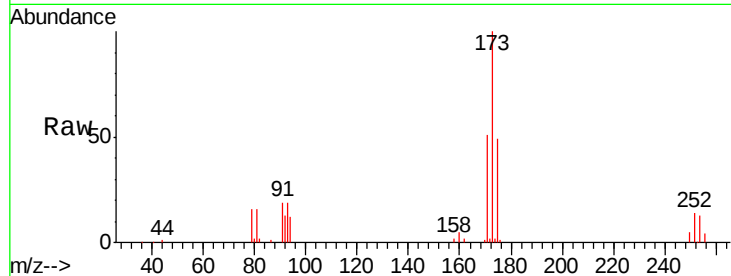
ClientSampleId :

VX1114WBSD02

Tgt Ion:173 Resp: 17900
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.8 74.3
 254 0.0 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

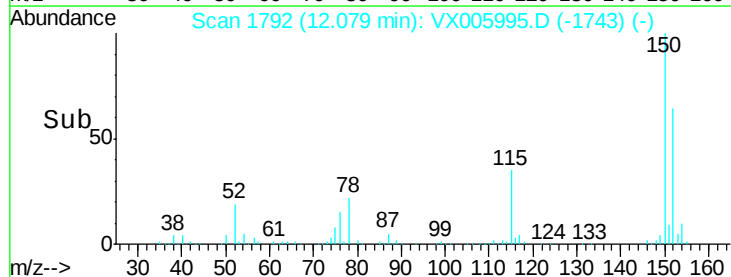
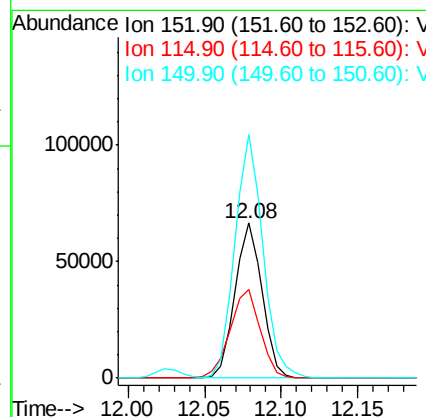
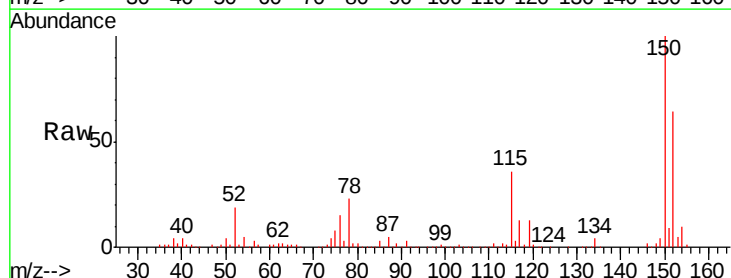
RT: 12.08 min Scan# 1792

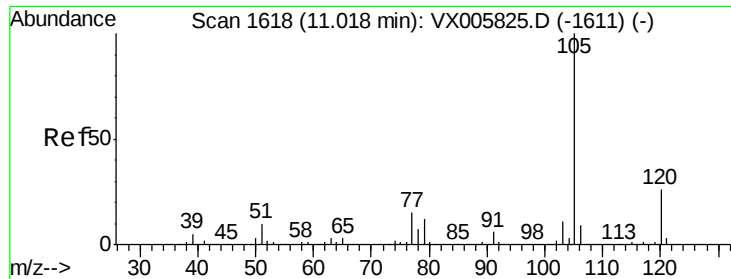
Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion:152 Resp: 81534
 Ion Ratio Lower Upper
 152 100
 115 63.8 39.4 118.1
 150 162.9 0.0 346.4





#73

Isopropylbenzene

Concen: 21.17 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 105 Resp: 99808

Ion Ratio Lower Upper

105 100

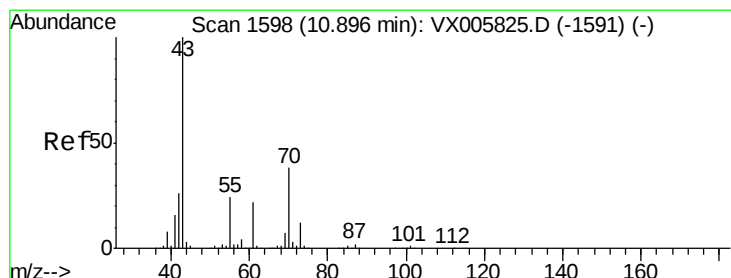
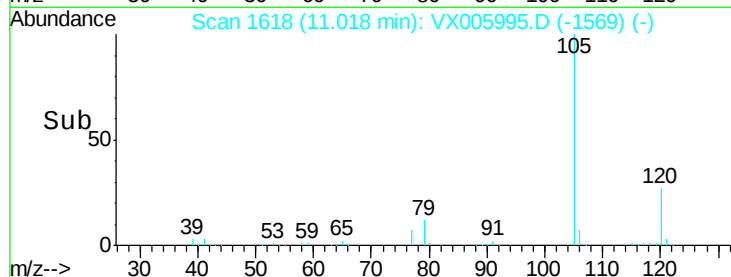
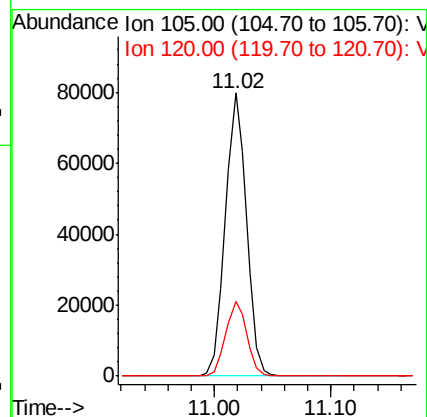
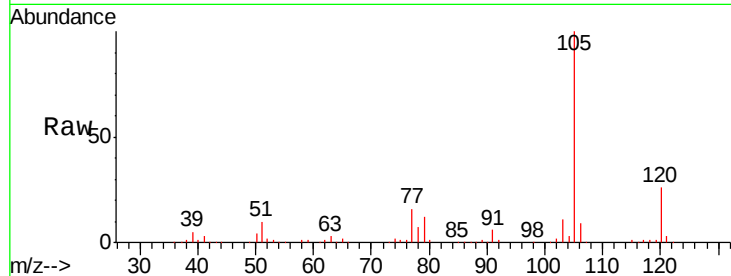
120 26.3 13.1 39.3

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#74

N-ethyl acetate

Concen: 18.98 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion: 43 Resp: 48109

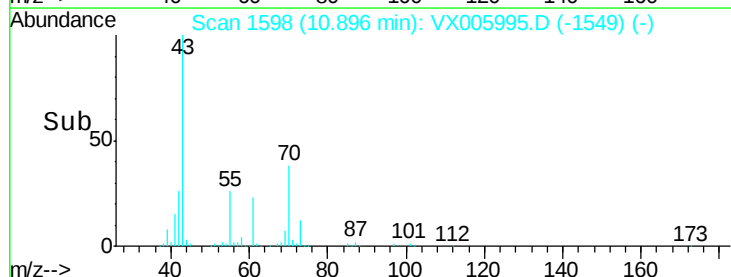
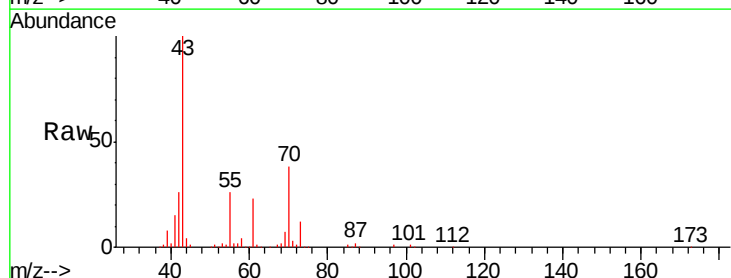
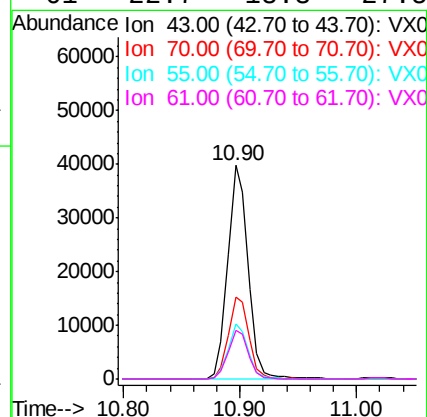
Ion Ratio Lower Upper

43 100

70 38.8 31.6 47.4

55 25.1 19.7 29.5

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.10 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

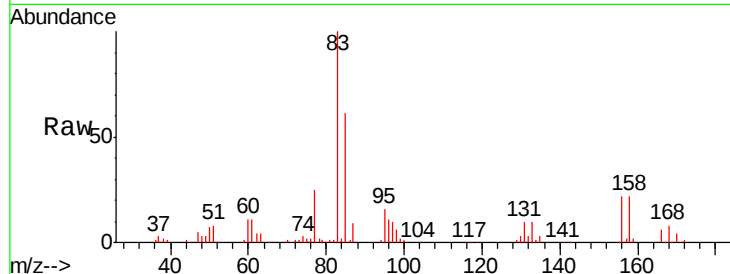
ClientSampleId :

VX1114WBSD02

Tgt Ion:	83	Resp:	34777
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.9
85	63.4	32.0	96.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX005995.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX005995.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX005995.D (-1610) (-)

Time-->

11.27

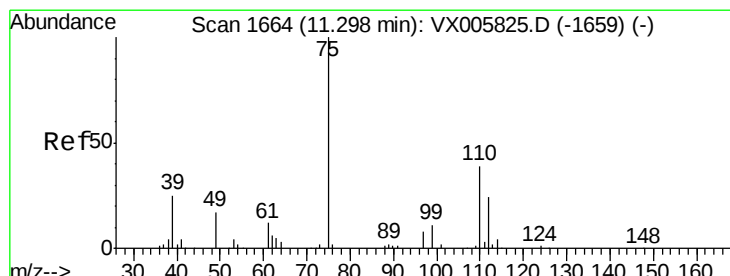
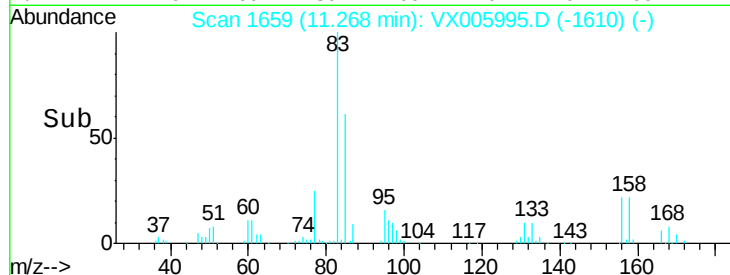
30000

20000

10000

0

11.20 11.25 11.30 11.35



#76

1,2,3-Trichloropropane

Concen: 20.44 ug/l m

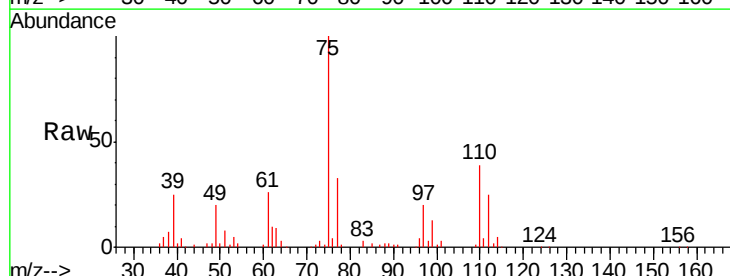
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion:	75	Resp:	33935
Ion	Ratio	Lower	Upper
75	100		
77	38.5	20.5	61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005995.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX005995.D (-1615) (-)

Time-->

11.30

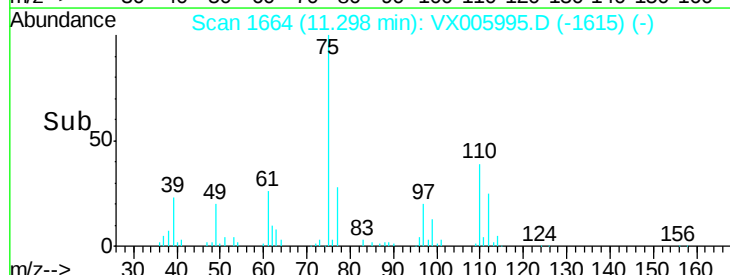
30000

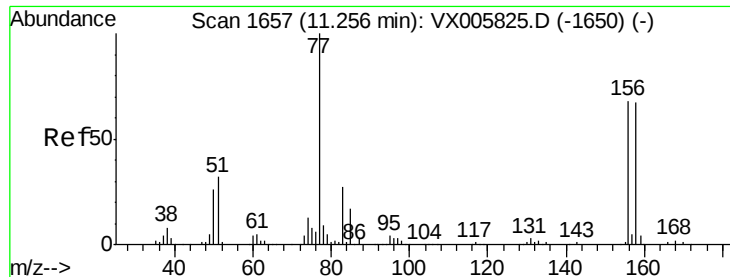
20000

10000

0

11.26 11.28 11.30 11.32





#77

Bromobenzene

Concen: 20.00 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

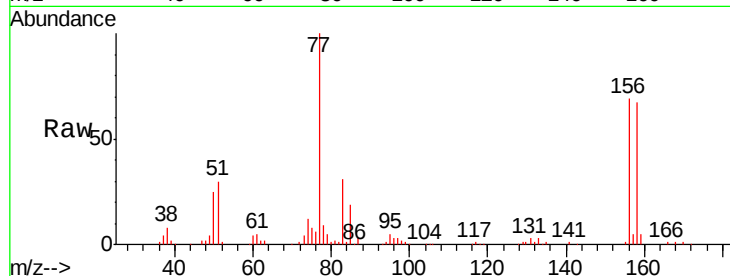
ClientSampleId :

VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	148.8	74.8	224.4
158	97.5	49.1	147.3

Manual Integrations
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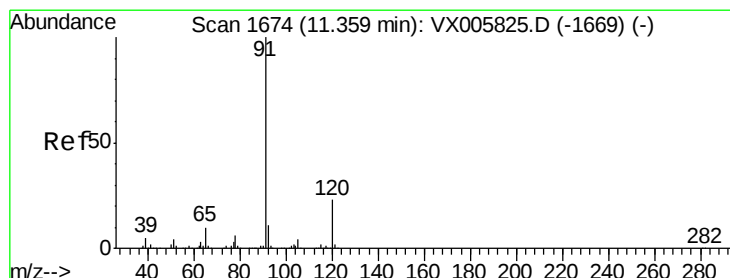
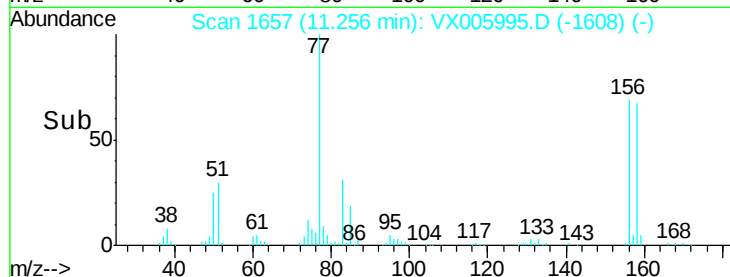
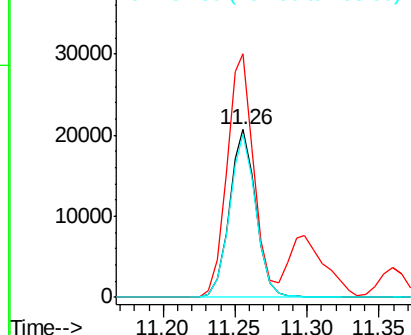


Abundance

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



#78

n-propylbenzene

Concen: 20.45 ug/l

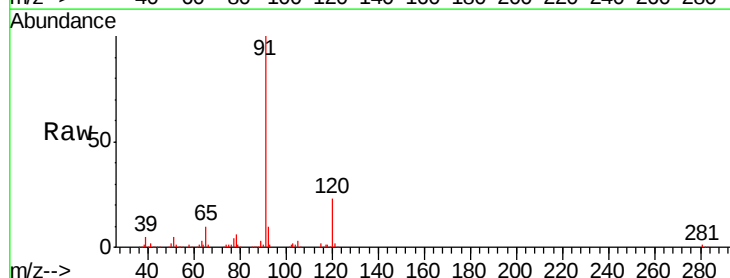
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

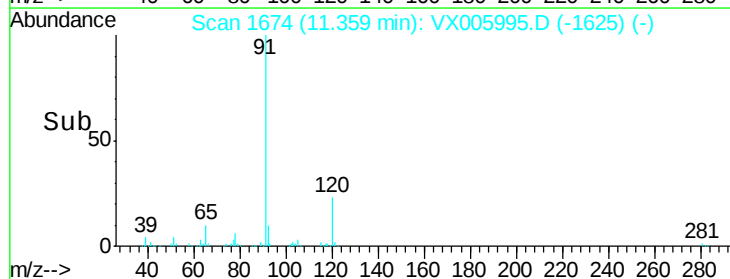
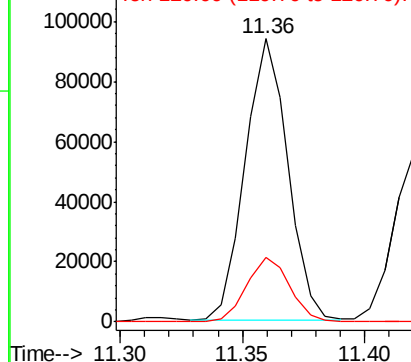
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5

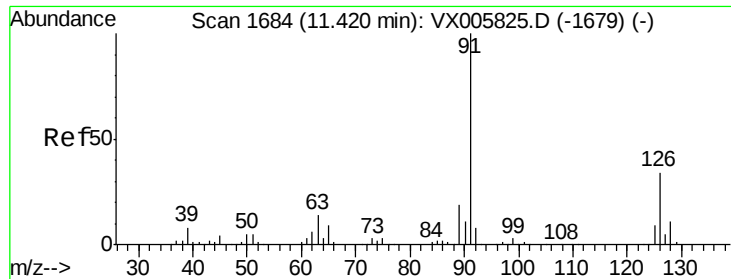


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.57 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD02

Tgt Ion: 91 Resp: 69082

Ion Ratio Lower Upper

91 100

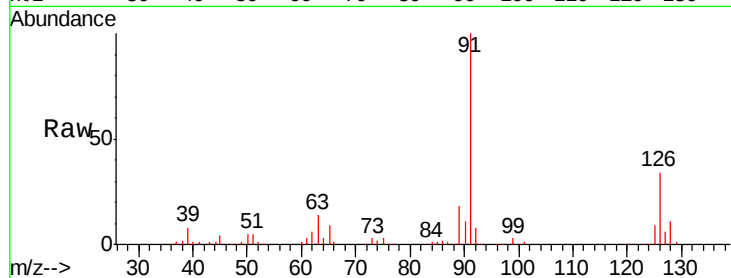
126 34.5 17.3 52.0

Manual Integrations

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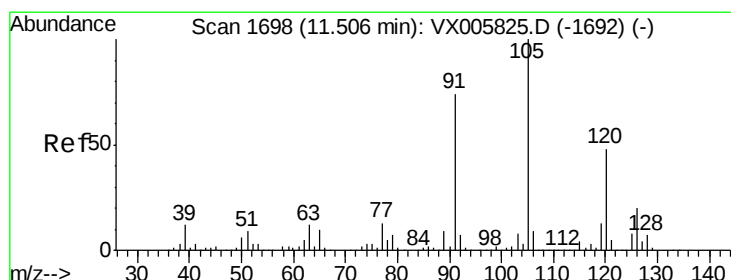
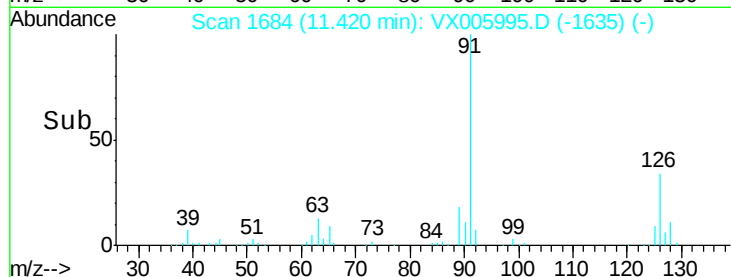
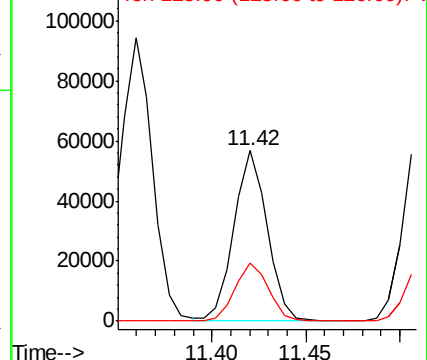
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.94 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005995.D

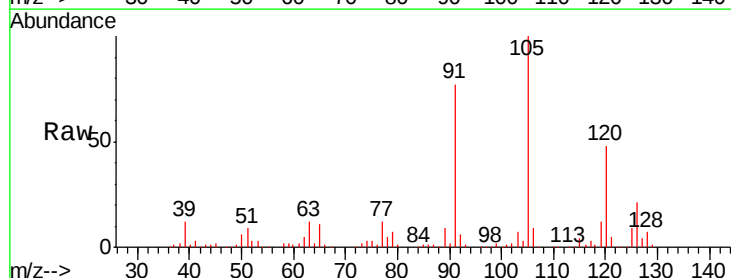
Acq: 15 Nov 2018 01:27

Tgt Ion: 105 Resp: 83913

Ion Ratio Lower Upper

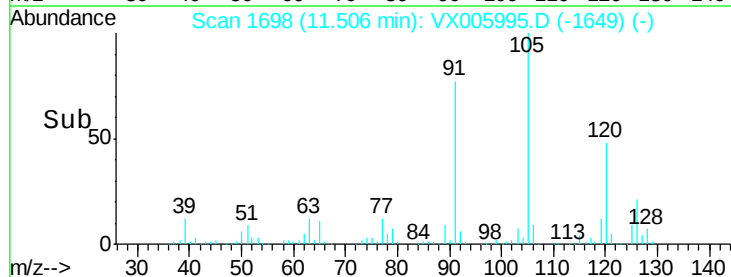
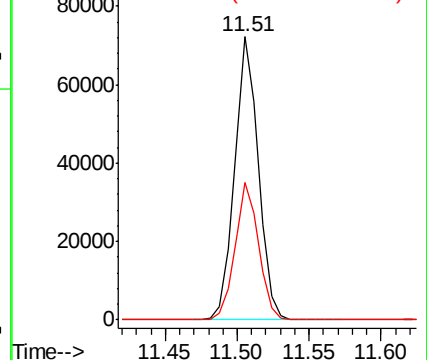
105 100

120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.87 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

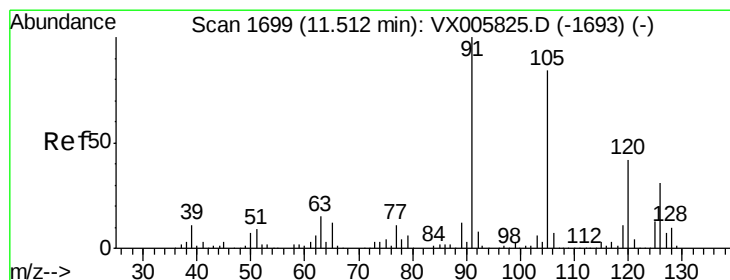
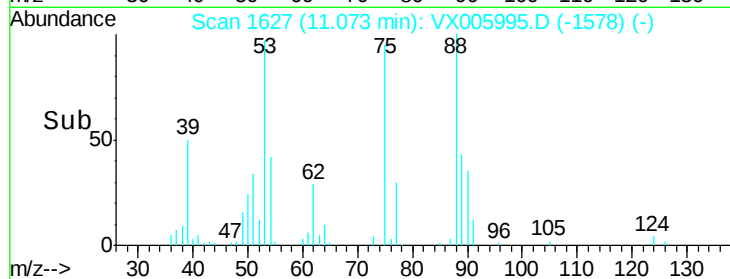
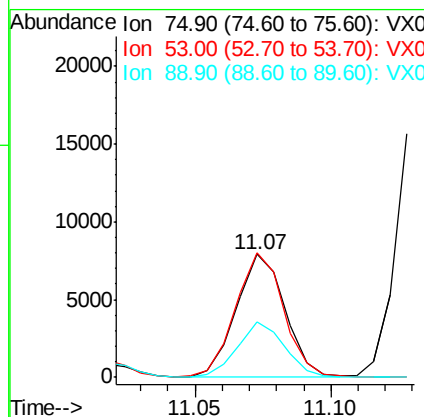
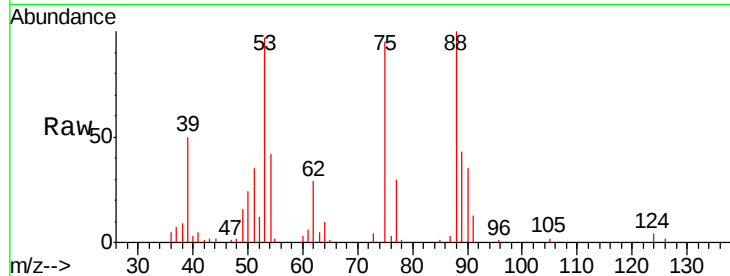
ClientSampleId :

VX1114WBSD02

Tgt Ion:	75	Resp:	9830
Ion Ratio	Lower	Upper	
75	100		
53	100.2	80.2	120.2
89	44.1	39.8	59.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.55 ug/l

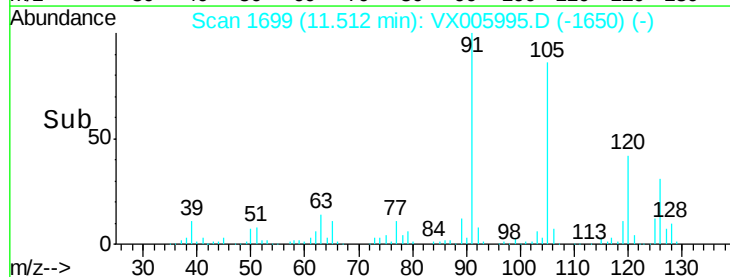
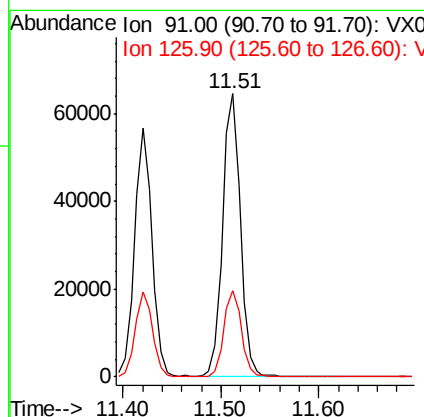
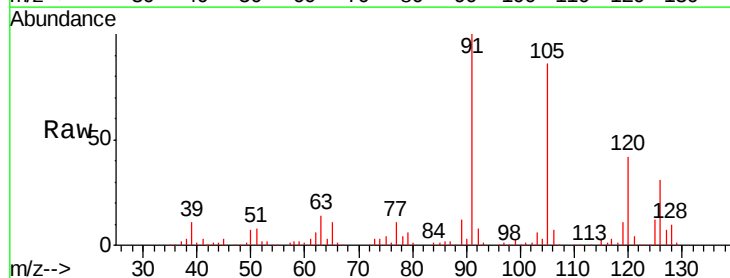
RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion:	91	Resp:	81344
Ion Ratio	Lower	Upper	
91	100		
126	30.2	15.2	45.6





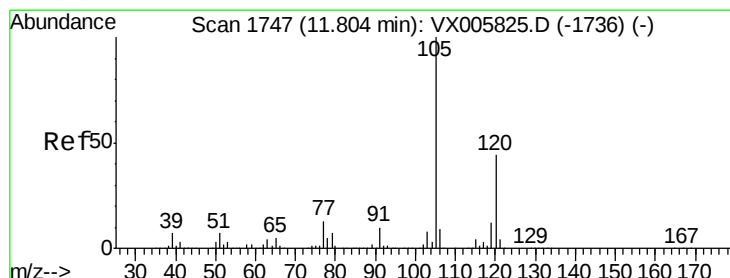
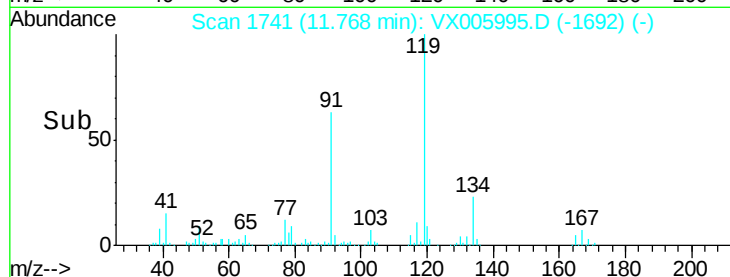
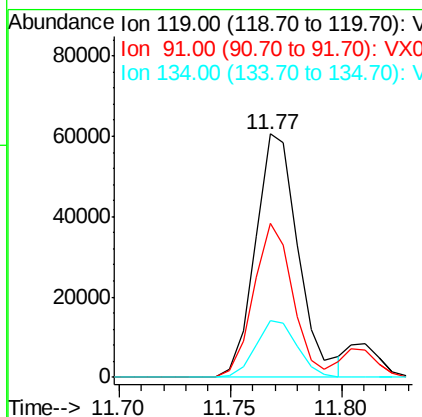
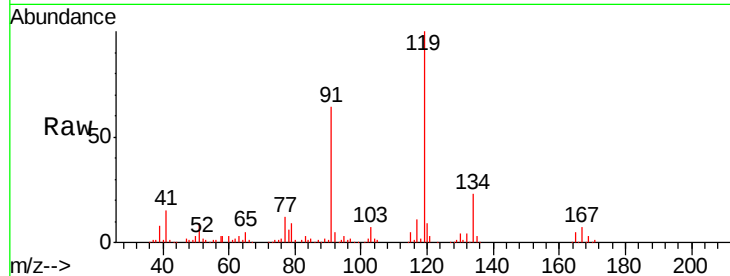
#83
 tert-Butylbenzene
 Concen: 20.05 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	81273		
91	57.9	28.5	85.5	
134	22.7	11.3	33.8	

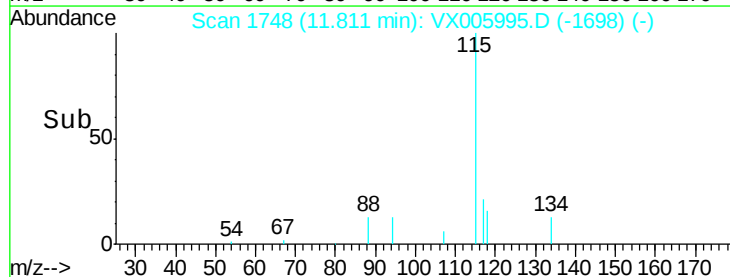
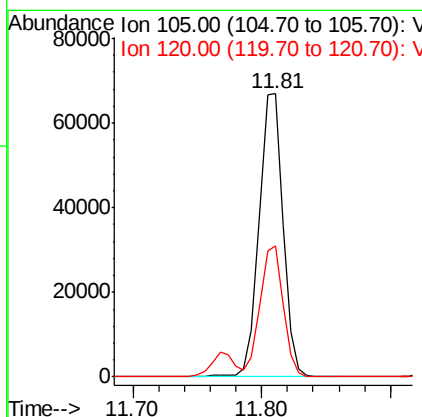
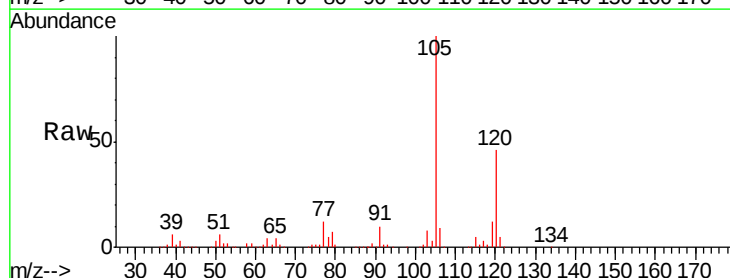
Manual Integrations
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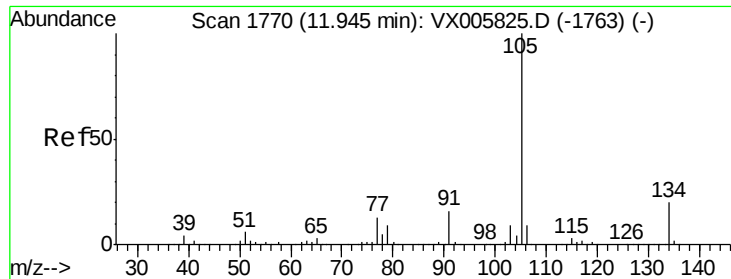
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 11/15/2018 1:04:10 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.27 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	85547		
120	44.8	22.4	67.0	





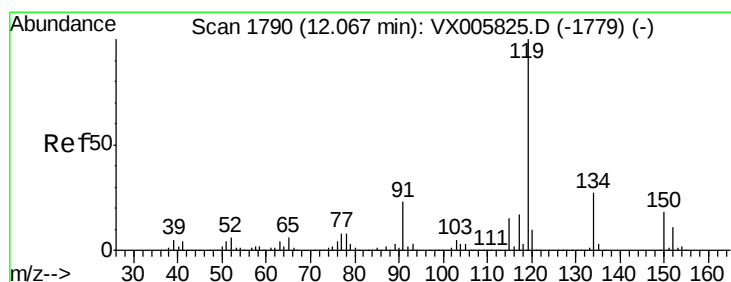
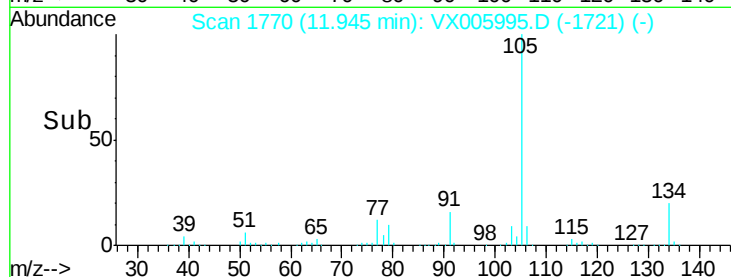
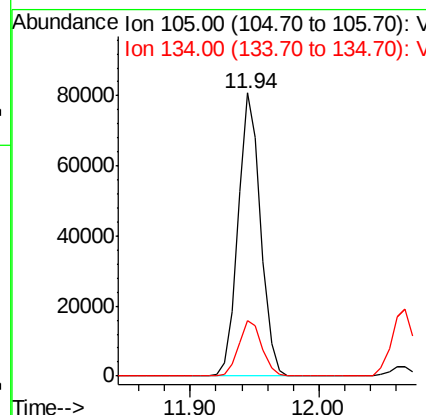
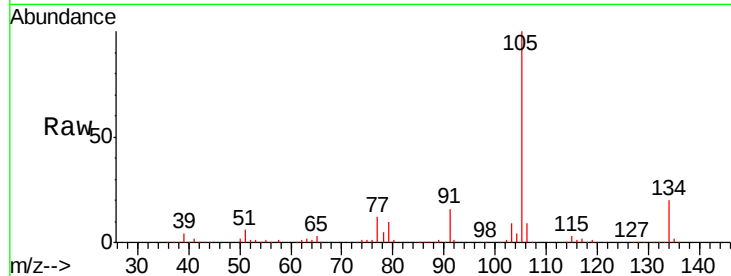
#85
 sec-Butylbenzene
 Concen: 19.85 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion:105 Resp: 98373
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

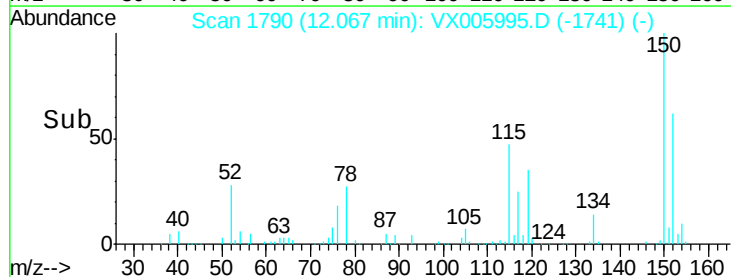
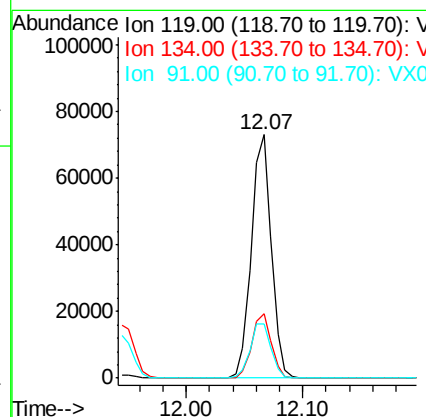
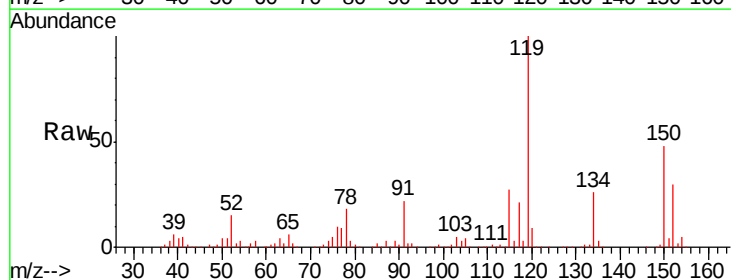
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 19.98 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion:119 Resp: 87730
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.5 11.4 34.2





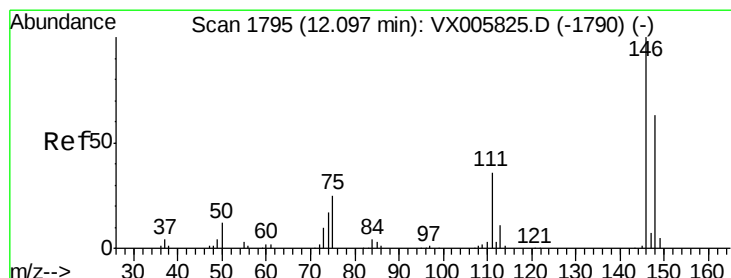
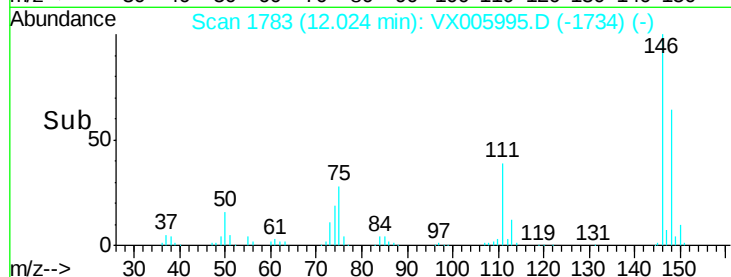
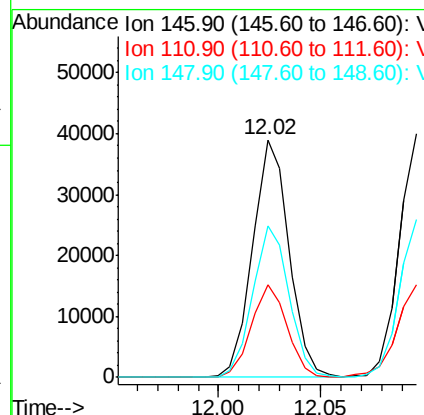
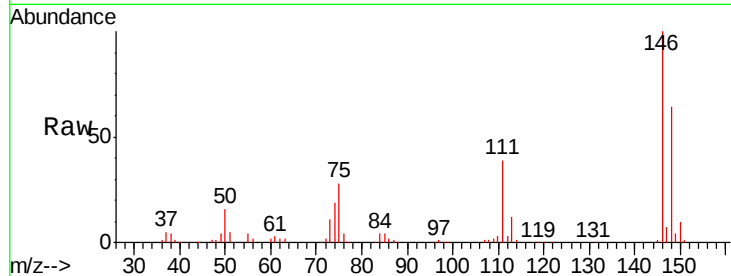
#87
 1,3-Dichlorobenzene
 Concen: 18.98 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	63.7	31.9	95.9

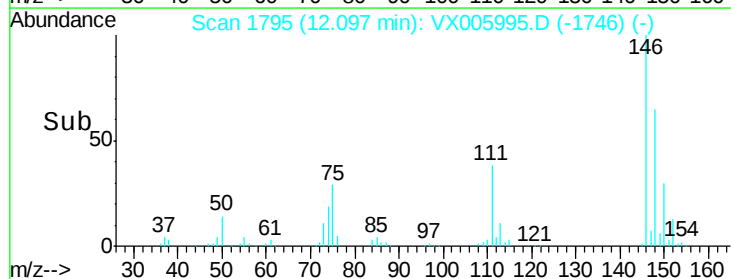
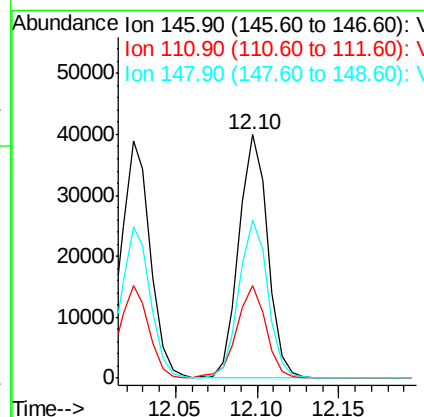
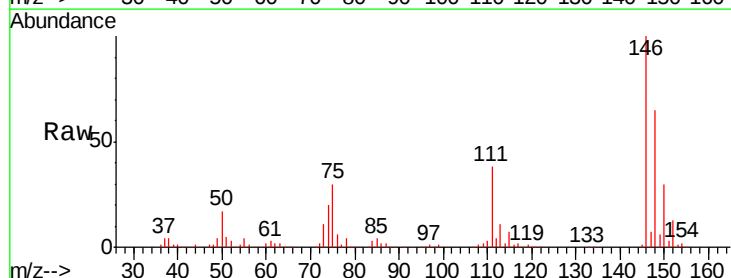
Manual Integrations
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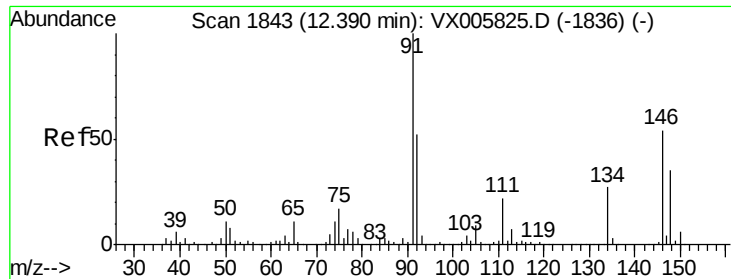
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#88
 1,4-Dichlorobenzene
 Concen: 18.90 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.8
148	65.3	32.1	96.3





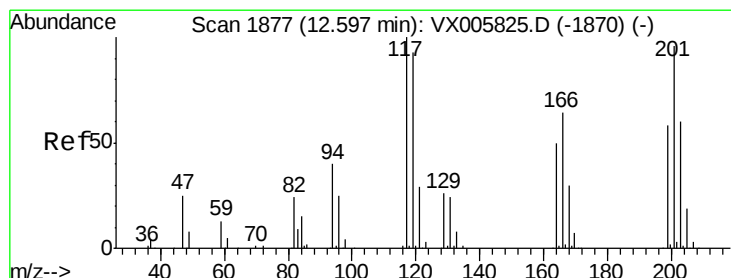
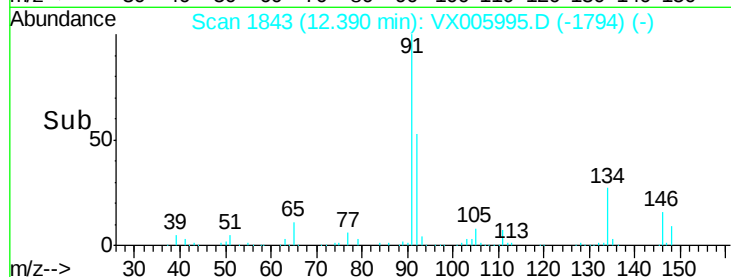
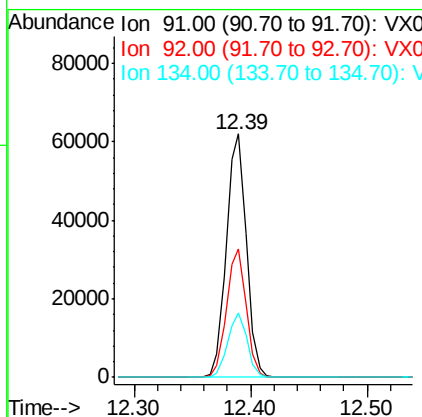
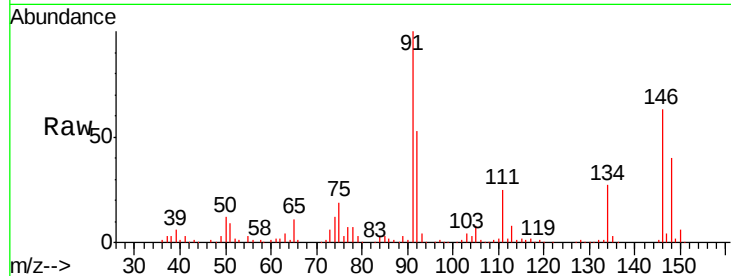
#89
n-Butylbenzene
Concen: 18.17 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.2
134	25.7	13.1	39.3

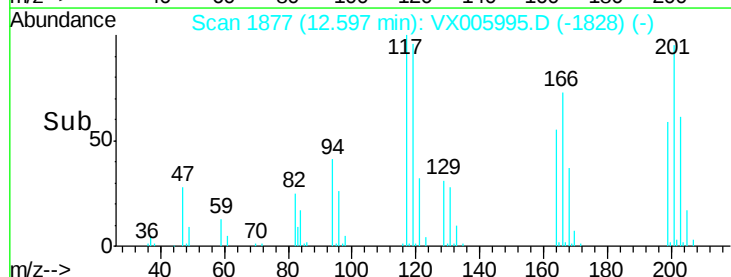
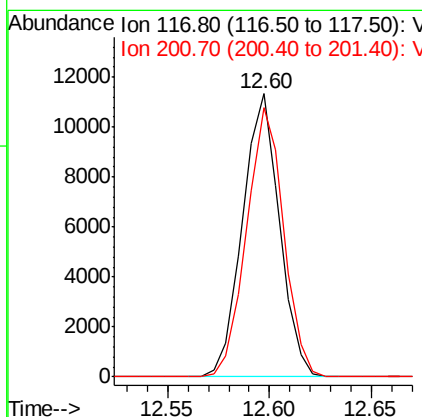
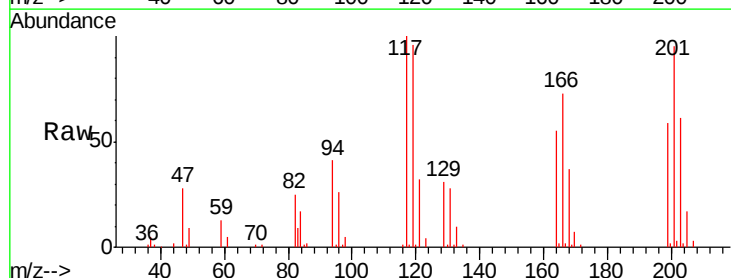
Manual Integrations
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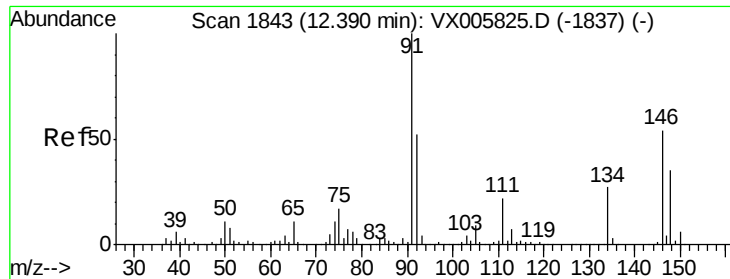
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#90
Hexachloroethane
Concen: 19.37 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005995.D
Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.0	47.9	143.6





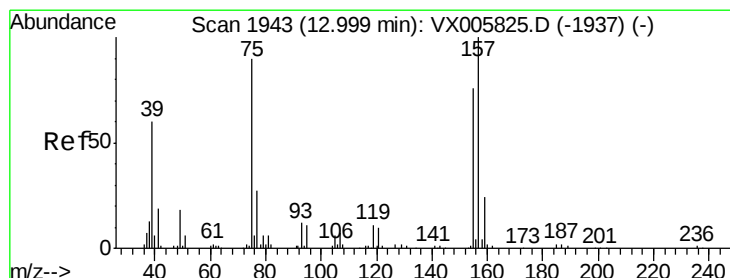
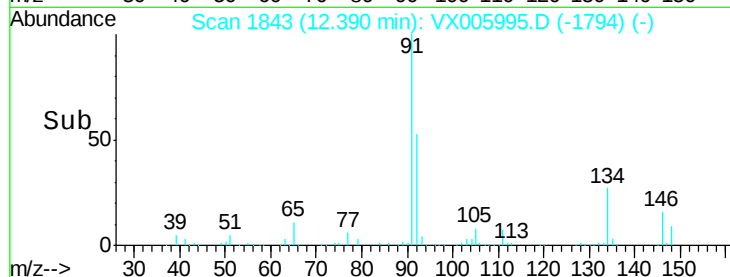
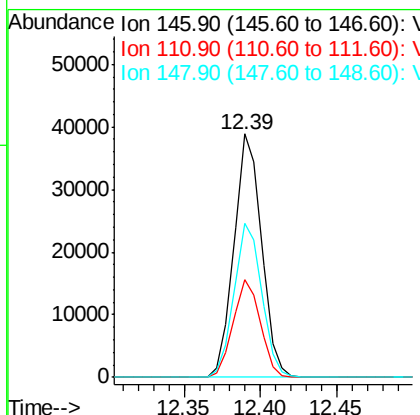
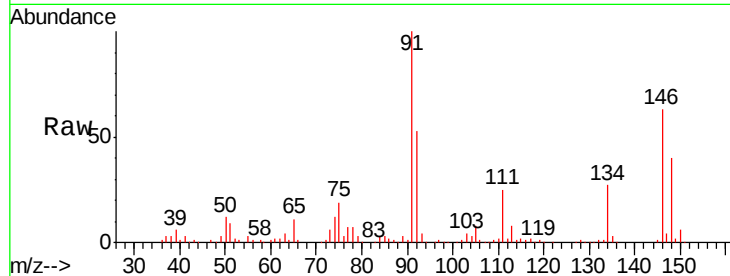
#91
 1,2-Dichlorobenzene
 Concen: 19.02 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	63.4	32.2	96.6

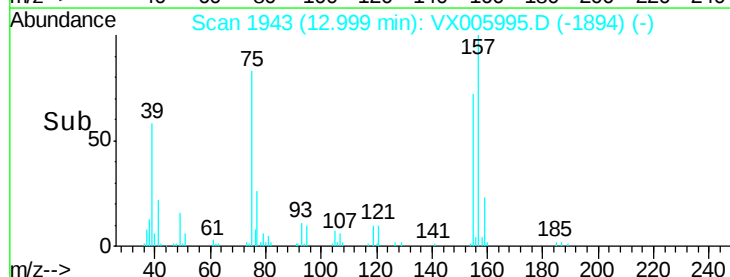
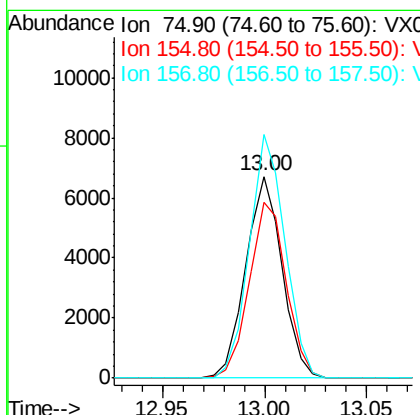
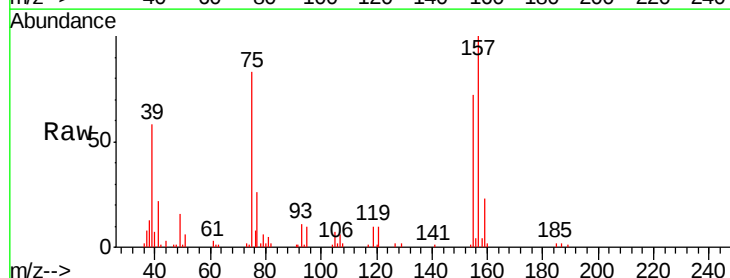
Manual Integrations
 APPROVED

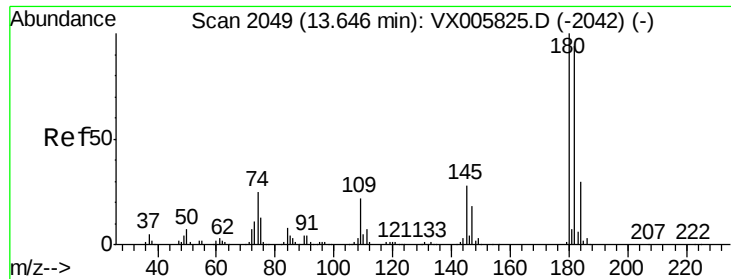
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 11/15/2018 1:04:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.66 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	45.4	136.1
157	118.4	57.4	172.0





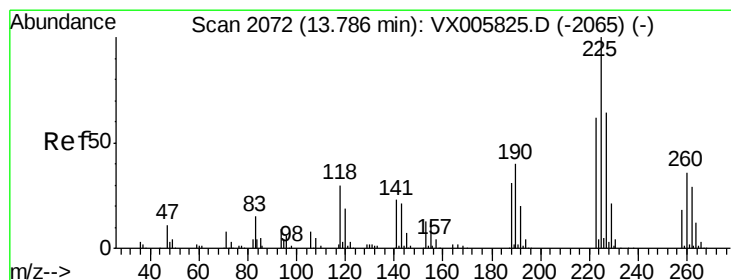
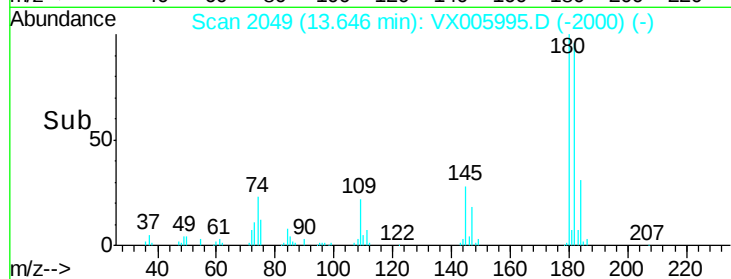
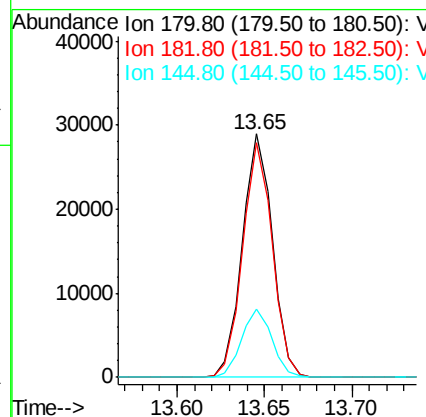
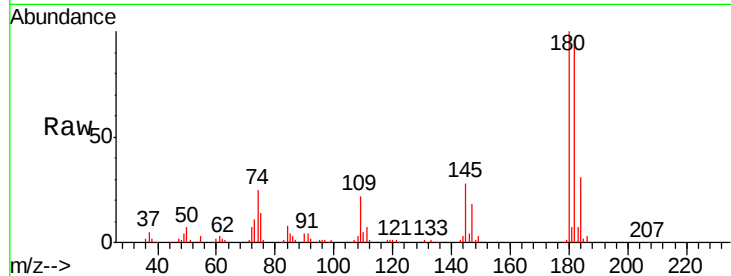
#93
 1,2,4-Trichlorobenzene
 Concen: 19.22 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	34575		
182	95.2	47.6	142.8	
145	28.3	14.1	42.2	

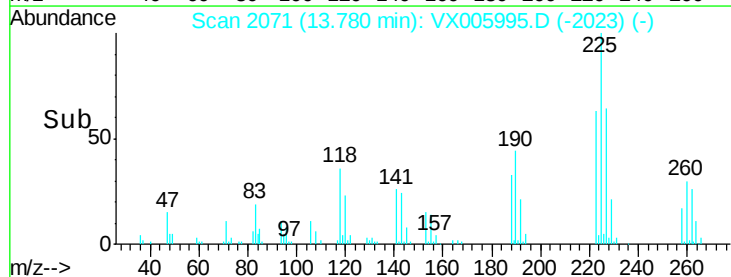
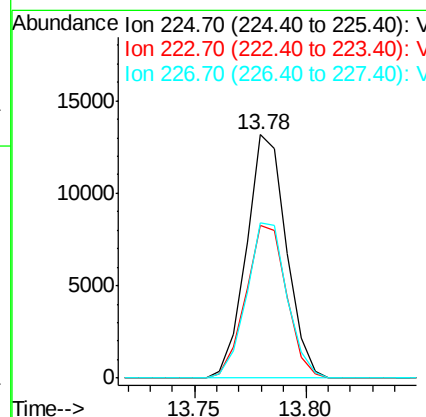
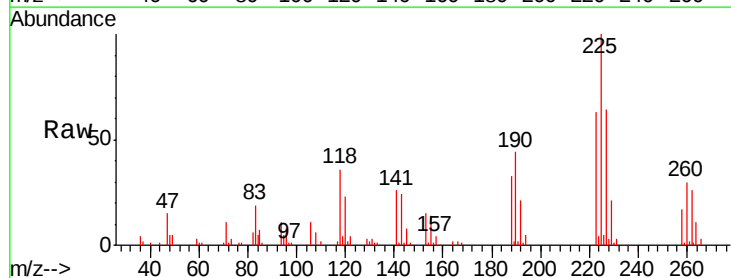
Manual Integrations
 APPROVED

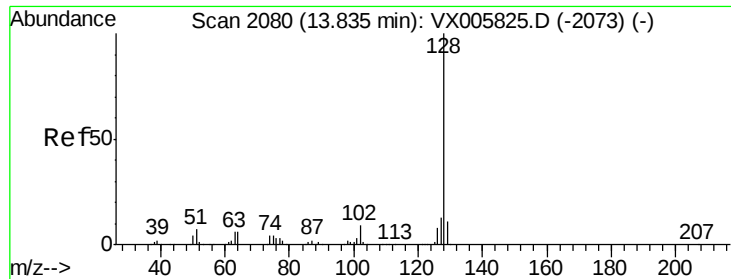
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#94
 Hexachlorobutadiene
 Concen: 17.38 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005995.D
 Acq: 15 Nov 2018 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16424		
223	64.2	31.7	95.1	
227	64.6	32.3	96.9	





#95

Naphthalene

Concen: 18.87 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Instrument :

MSVOA_X

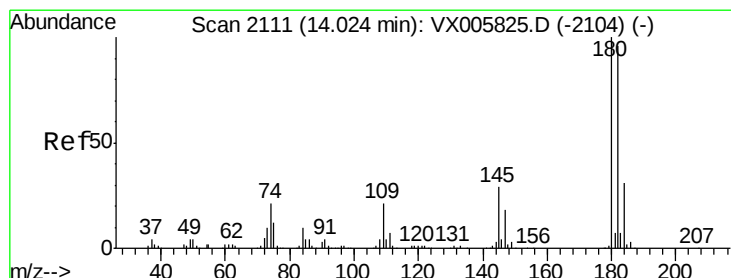
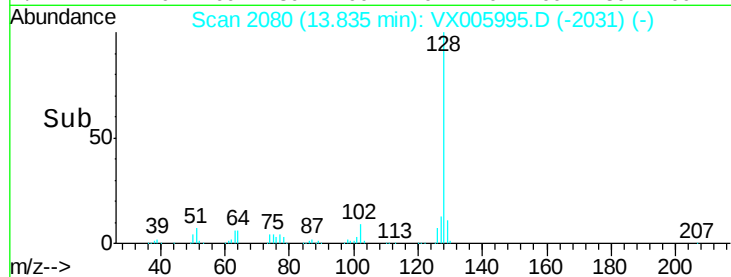
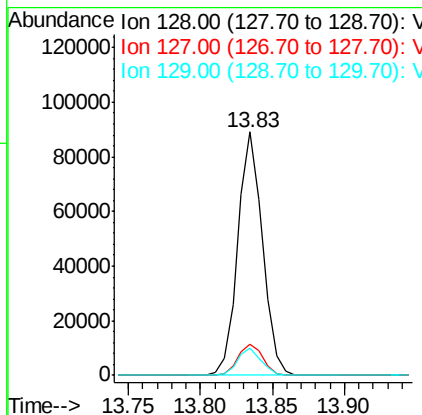
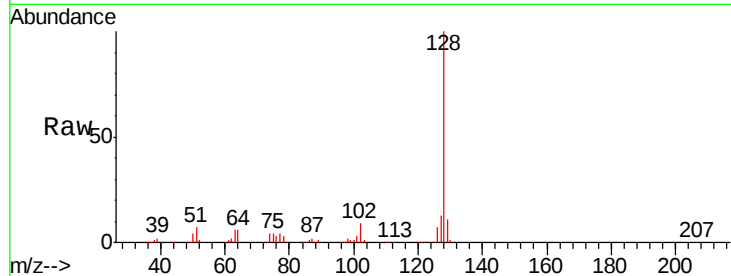
ClientSampleId :

VX1114WBSD02

Tgt Ion:	128	Resp:	106308
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/15/2018 1:04:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.29 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005995.D

Acq: 15 Nov 2018 01:27

Tgt Ion:	180	Resp:	35341
Ion Ratio		Lower	Upper
180	100		
182	97.8	48.0	144.2
145	30.6	15.1	45.3

