

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005415.D
 Acq On : 18 Oct 2018 02:53
 Operator : JC/MD
 Sample : VX1017WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:24:18 PM

Quant Time: Oct 19 03:11:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	257066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190155	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144491	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.50	113	117895	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	441802	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	11.14	95	165899	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	39678	19.74 ug/l	100
3) Chloromethane	1.32	50	54416	18.68 ug/l	99
4) Vinyl Chloride	1.41	62	56450	19.13 ug/l	98
5) Bromomethane	1.64	94	36440	22.20 ug/l	98
6) Chloroethane	1.71	64	35576	19.43 ug/l	92
7) Trichlorofluoromethane	1.92	101	80724	20.50 ug/l	97
8) Diethyl Ether	2.19	74	33606	19.99 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47223	20.78 ug/l	98
10) Methyl Iodide	2.51	142	47748	20.70 ug/l	100
11) Tert butyl alcohol	3.07	59	86410	107.37 ug/l	99
12) 1,1-Dichloroethene	2.37	96	43875	19.49 ug/l	94
13) Acrolein	2.29	56	33985	64.57 ug/l	97
14) Allyl chloride	2.73	41	93726	18.96 ug/l	96
15) Acrylonitrile	3.15	53	179919	98.65 ug/l	99
16) Acetone	2.45	43	157951	95.75 ug/l	95
17) Carbon Disulfide	2.57	76	121966	17.88 ug/l	100
18) Methyl Acetate	2.78	43	98339	20.95 ug/l	95
19) Methyl tert-butyl Ether	3.20	73	165031	20.81 ug/l	98
20) Methylene Chloride	2.85	84	52316	21.01 ug/l	# 85
21) trans-1,2-Dichloroethene	3.16	96	48058	19.26 ug/l	97
22) Diisopropyl ether	3.87	45	161705	19.48 ug/l	95
23) Vinyl Acetate	3.82	43	702813	96.85 ug/l	97
24) 1,1-Dichloroethane	3.70	63	98197	20.64 ug/l	98
25) 2-Butanone	4.70	43	230659	95.57 ug/l	98
26) 2,2-Dichloropropane	4.59	77	53514	15.04 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51333	18.93 ug/l	91
28) Bromochloromethane	5.01	49	45067	20.78 ug/l	96
29) Tetrahydrofuran	5.15	42	151072	98.13 ug/l	94
30) Chloroform	5.21	83	90956	20.59 ug/l	87
31) Cyclohexane	5.57	56	75249	19.19 ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	78696	20.48 ug/l	97
36) 1,1-Dichloropropene	5.80	75	63205	17.82 ug/l	98
37) Ethyl Acetate	4.85	43	84998	18.64 ug/l	99
38) Carbon Tetrachloride	5.79	117	66359	18.62 ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72137	18.80	ug/l	96
40) Benzene	6.14	78	195663	18.39	ug/l	100
41) Methacrylonitrile	5.06	41	47345	19.36	ug/l	98
42) 1,2-Dichloroethane	6.20	62	69366	18.47	ug/l	97
43) Isopropyl Acetate	6.46	43	120754	19.88	ug/l	98
44) Trichloroethene	7.21	130	53564	19.34	ug/l	94
45) 1,2-Dichloropropane	7.52	63	49542	18.99	ug/l	98
46) Dibromomethane	7.66	93	32770	19.03	ug/l	96
47) Bromodichloromethane	7.90	83	63809	20.03	ug/l	99
48) Methyl methacrylate	7.77	41	62806	19.93	ug/l	95
49) 1,4-Dioxane	7.75	88	29953	412.17	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	431299	102.53	ug/l	94
52) Toluene	8.79	92	120706	20.74	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	66012	19.15	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	73889	19.78	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50981	20.68	ug/l	97
56) Ethyl methacrylate	9.18	69	74872	20.84	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84484	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	207439	102.93	ug/l	96
59) 2-Hexanone	9.49	43	338697	100.10	ug/l	94
60) Dibromochloromethane	9.58	129	51948	20.39	ug/l	100
61) 1,2-Dibromoethane	9.67	107	52624	20.34	ug/l	99
64) Tetrachloroethene	9.33	164	55783	20.30	ug/l	99
65) Chlorobenzene	10.14	112	139904	19.26	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	50441	19.49	ug/l	100
67) Ethyl Benzene	10.25	91	229984	19.48	ug/l	97
68) m/p-Xylenes	10.36	106	179802	39.24	ug/l	96
69) o-Xylene	10.70	106	86861	19.65	ug/l	97
70) Styrene	10.71	104	144416	19.87	ug/l	97
71) Bromoform	10.86	173	43303	18.72	ug/l	99
73) Isopropylbenzene	11.02	105	237096	20.97	ug/l	100
74) N-amyl acetate	10.90	43	108066	19.82	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83216	19.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	76377m	20.71	ug/l	
77) Bromobenzene	11.26	156	65002	20.11	ug/l	99
78) n-propylbenzene	11.36	91	270711	20.81	ug/l	100
79) 2-Chlorotoluene	11.42	91	163179	20.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	201276	20.79	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21001	17.30	ug/l	98
82) 4-Chlorotoluene	11.51	91	192909	20.43	ug/l	100
83) tert-Butylbenzene	11.77	119	201349	20.54	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	207776	20.86	ug/l	99
85) sec-Butylbenzene	11.94	105	242682	20.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	217270	20.72	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120807	20.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122397	19.81	ug/l	98
89) n-Butylbenzene	12.39	91	183537	19.28	ug/l	97
90) Hexachloroethane	12.60	117	33532	18.56	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	121003	19.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19470	18.72	ug/l	98

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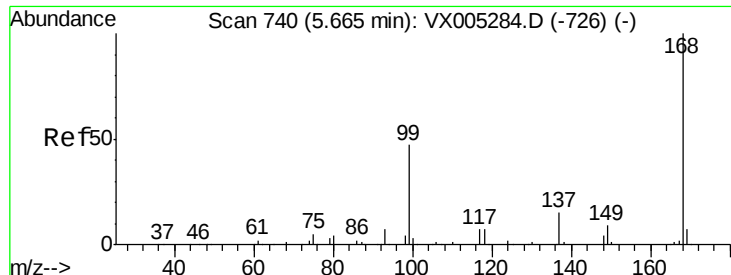
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92540	20.47	ug/l	99
94) Hexachlorobutadiene	13.79	225	46737	19.57	ug/l	98
95) Naphthalene	13.83	128	274501	20.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95991	20.75	ug/l	97

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



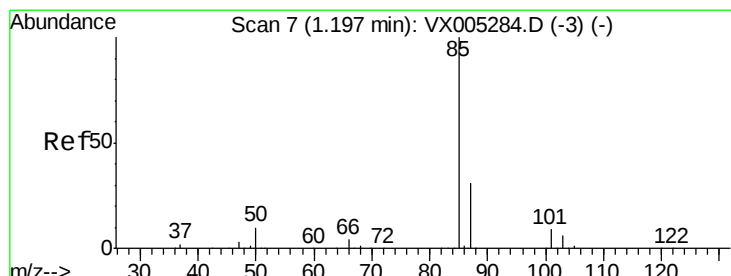
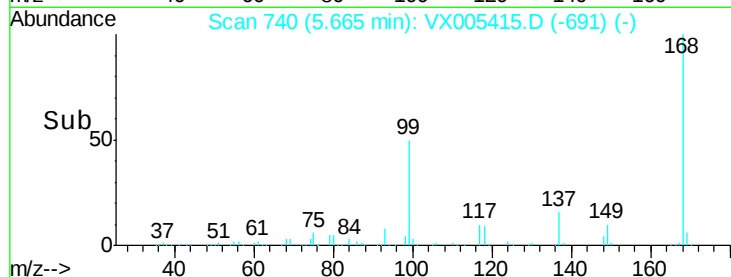
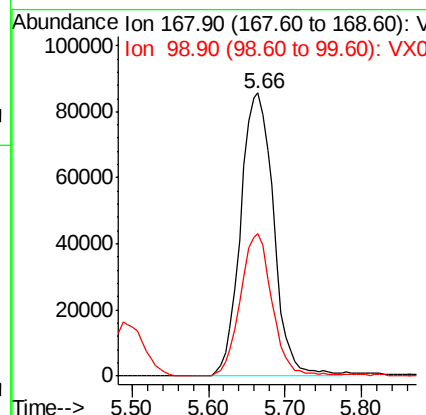
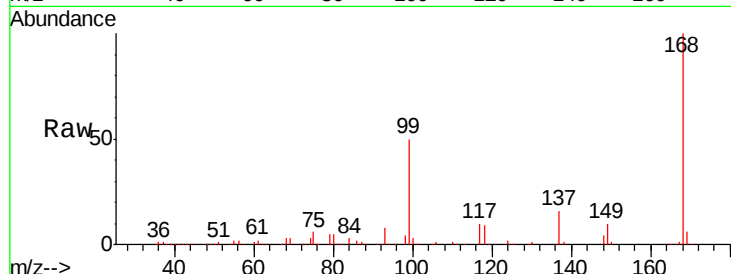
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.9	59.9

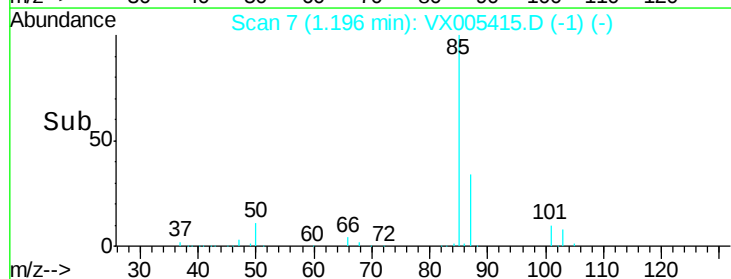
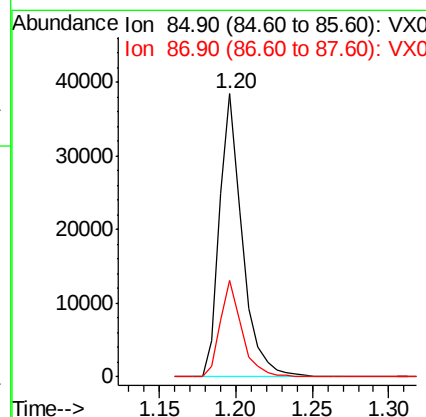
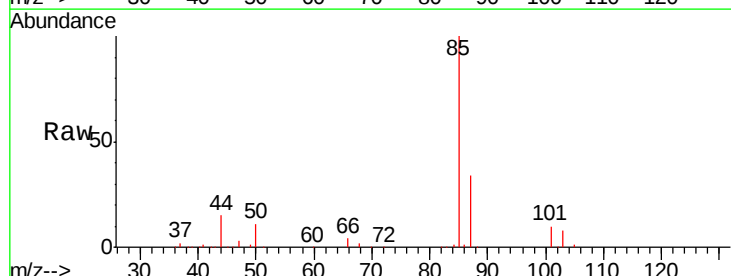
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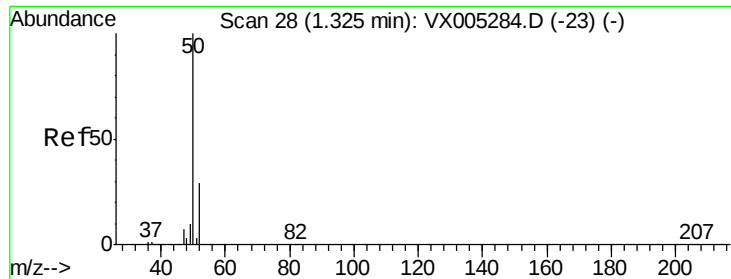
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#2
Dichlorodifluoromethane
Concen: 19.74 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.9	17.0	50.9





#3

Chloromethane

Concen: 18.68 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD02

Tgt Ion: 50 Resp: 54416

Ion Ratio Lower Upper

50 100

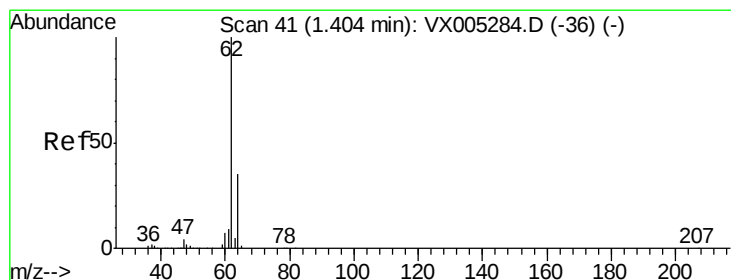
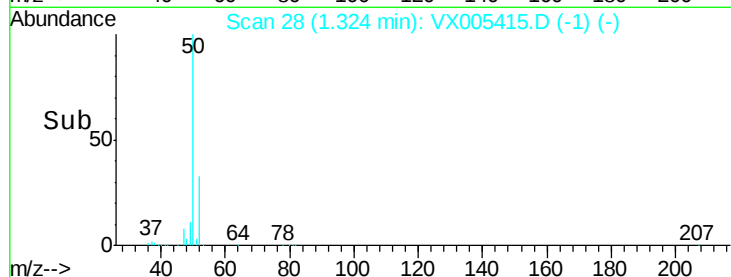
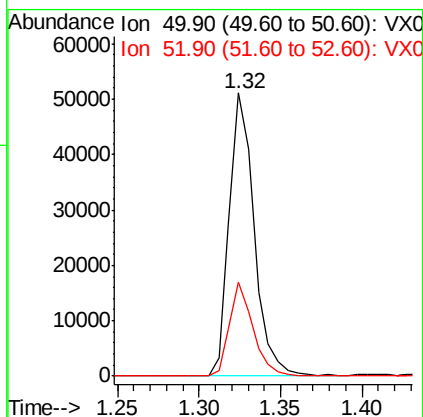
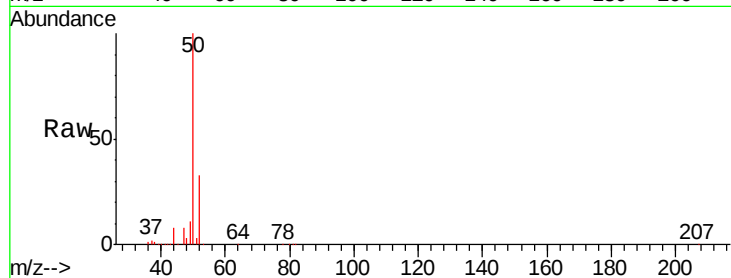
52 33.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.13 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005415.D

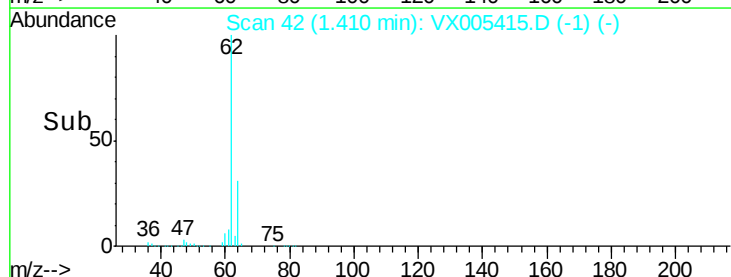
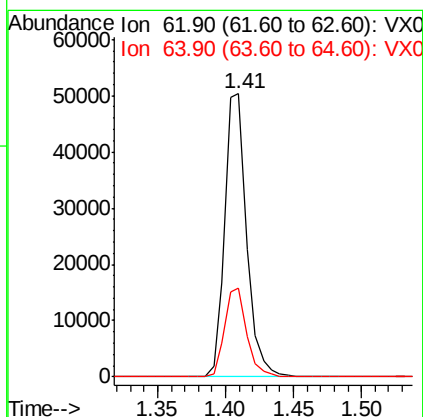
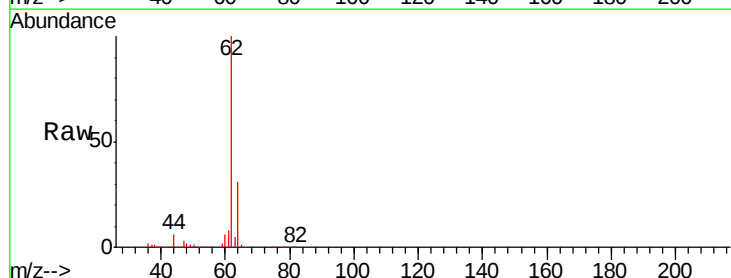
Acq: 18 Oct 2018 02:53

Tgt Ion: 62 Resp: 56450

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 22.20 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD02

Tgt Ion: 94 Resp: 36440

Ion Ratio Lower Upper

94 100

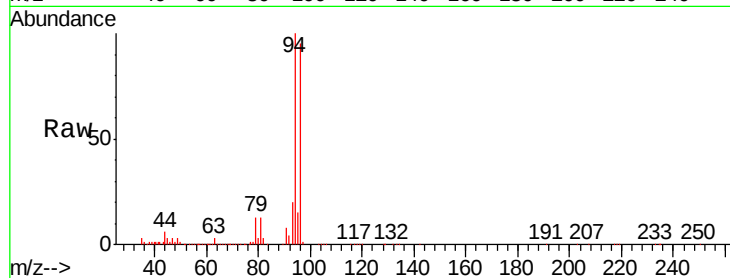
96 94.8 74.5 111.7

Manual Integrations

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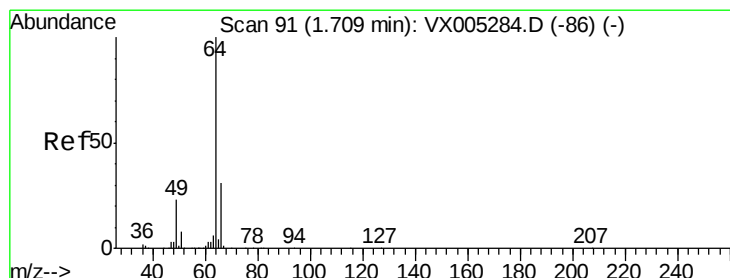
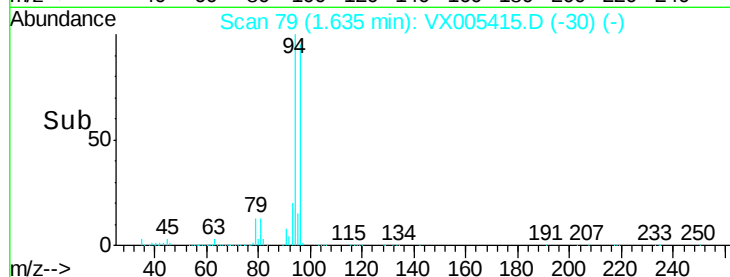
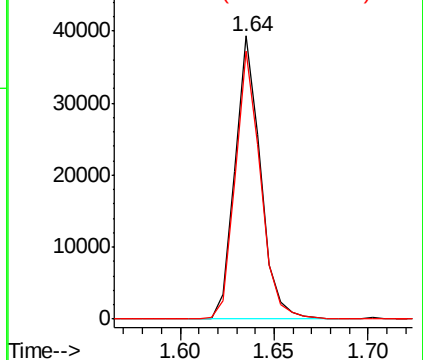
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.43 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005415.D

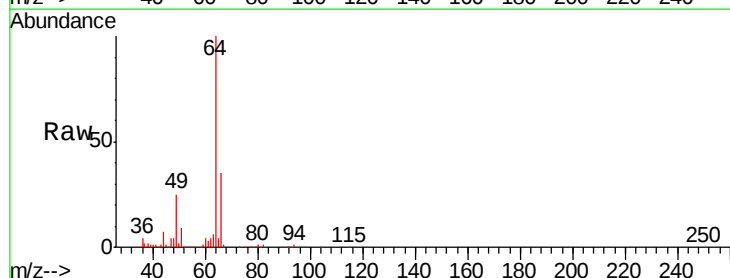
Acq: 18 Oct 2018 02:53

Tgt Ion: 64 Resp: 35576

Ion Ratio Lower Upper

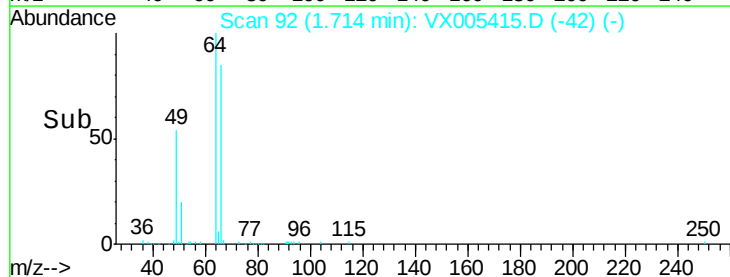
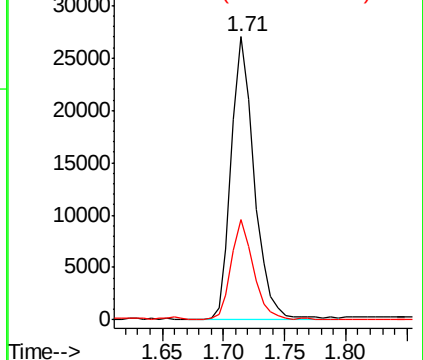
64 100

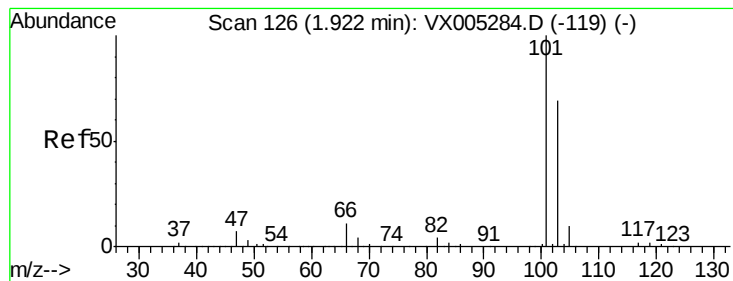
66 35.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.50 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX005415.D

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Tgt Ion:101 Resp: 80724

Ion Ratio Lower Upper

101 100

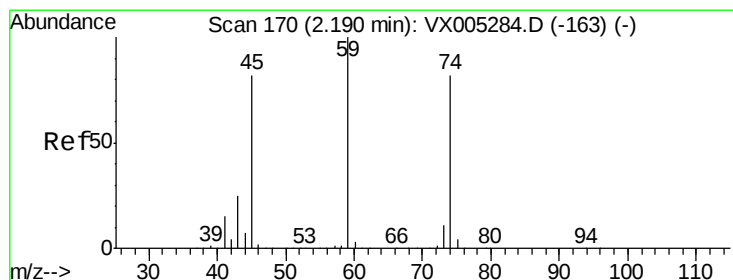
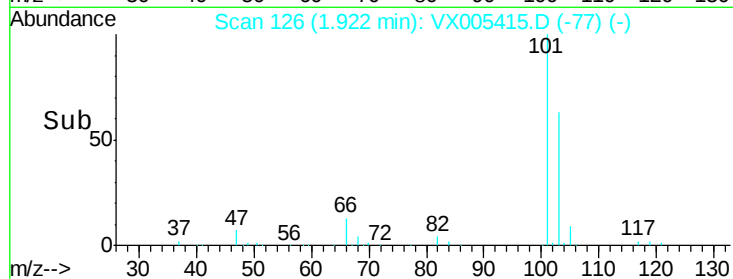
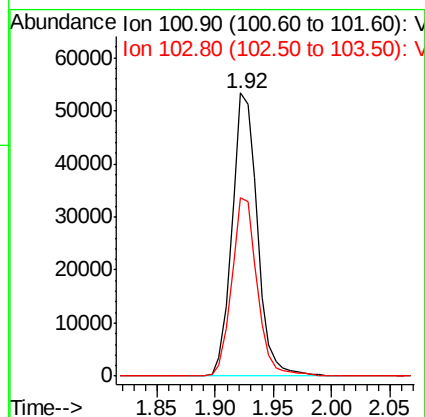
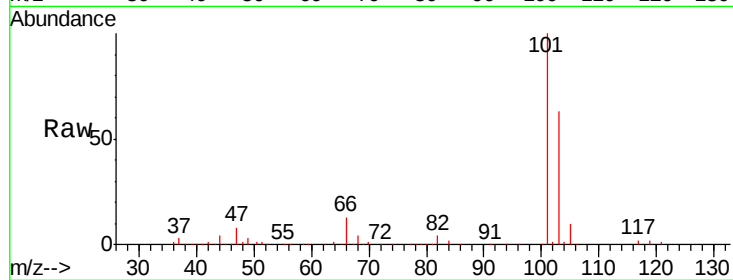
103 63.2 48.9 73.3

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#8

Diethyl Ether

Concen: 19.99 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005415.D

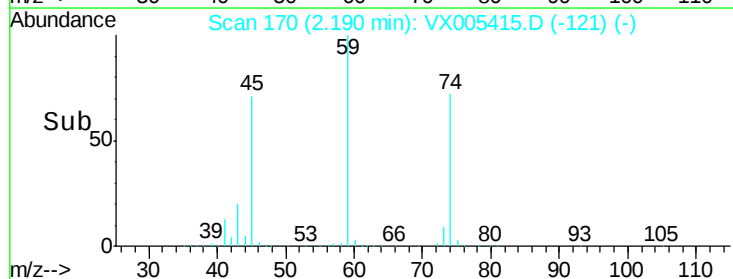
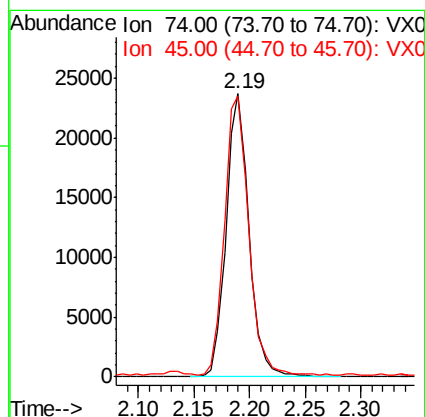
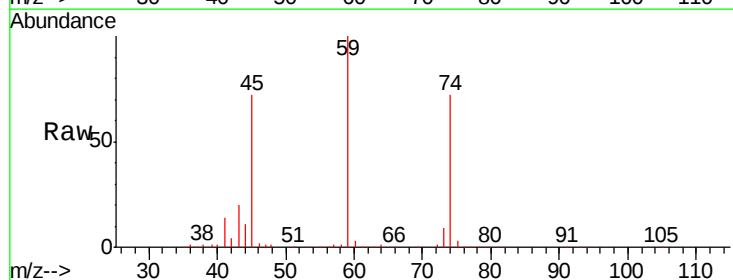
Acq: 18 Oct 2018 02:53

Tgt Ion: 74 Resp: 33606

Ion Ratio Lower Upper

74 100

45 103.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.78 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

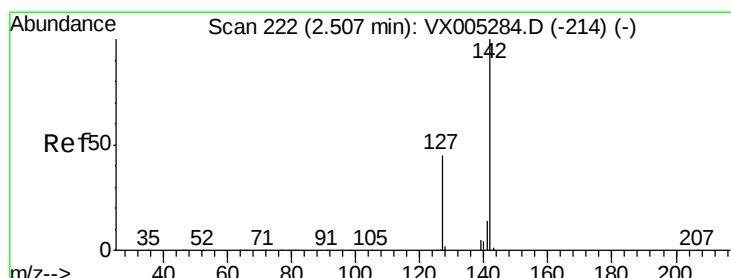
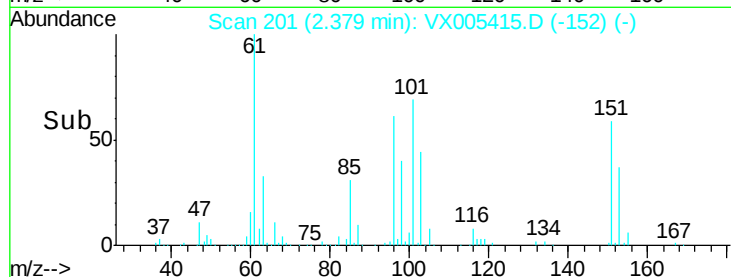
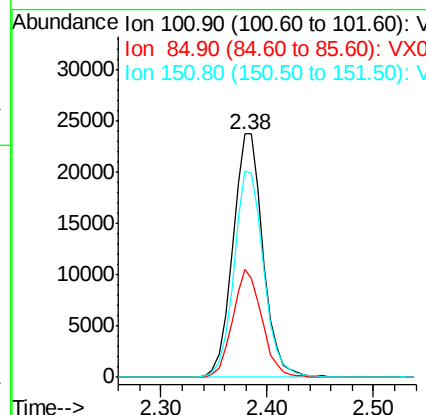
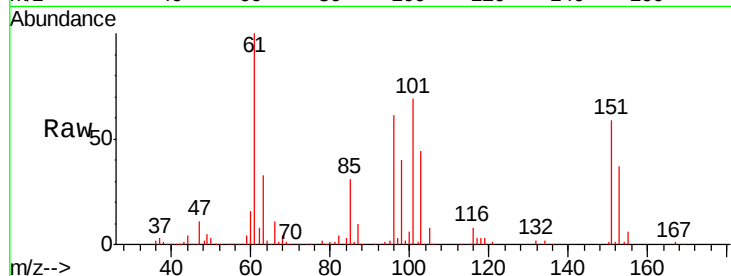
ClientSampleId :

VX1017WBSD02

Tgt Ion:	101	Resp:	47223
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.2	51.4
151	83.7	65.0	97.6

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#10

Methyl Iodide

Concen: 20.70 ug/l

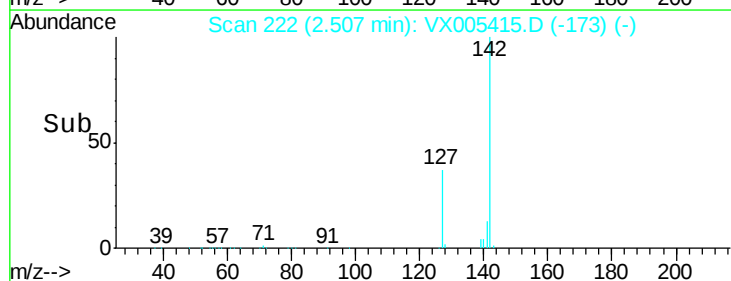
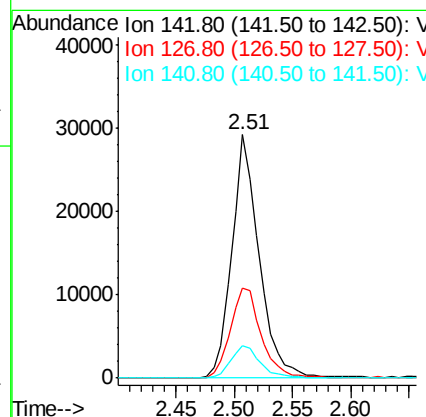
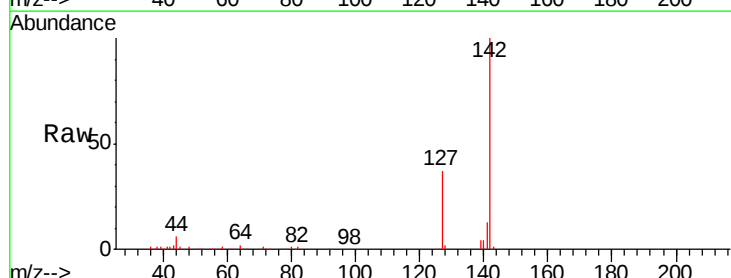
RT: 2.51 min Scan# 222

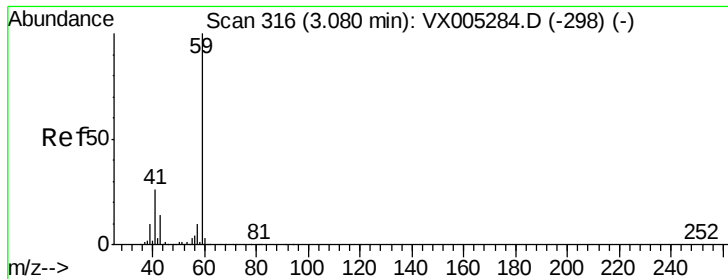
Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion:	142	Resp:	47748
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.8	50.6
141	14.5	11.4	17.0





#11

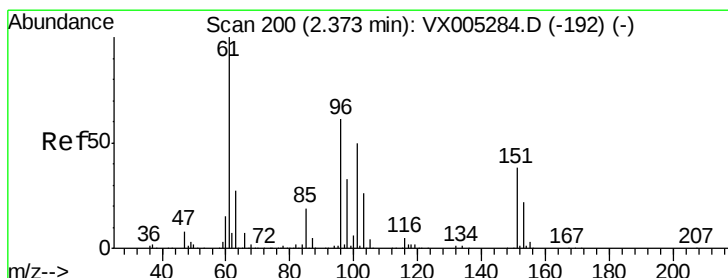
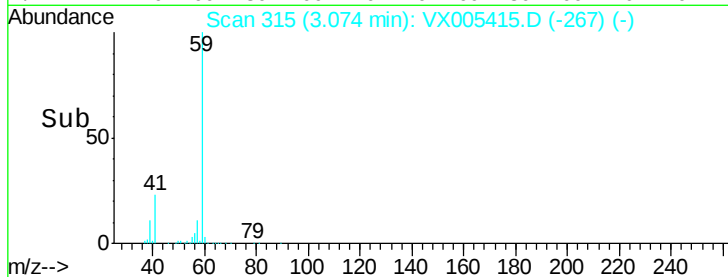
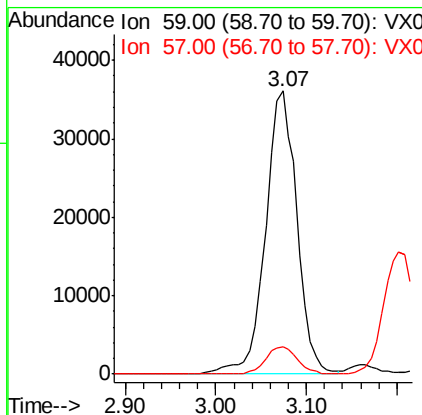
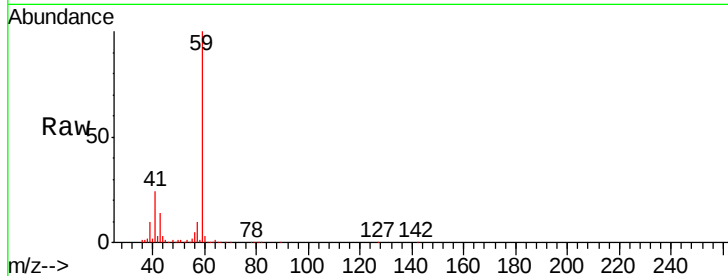
Tert butyl alcohol
Concen: 107.37 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion: 59 Resp: 86410
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
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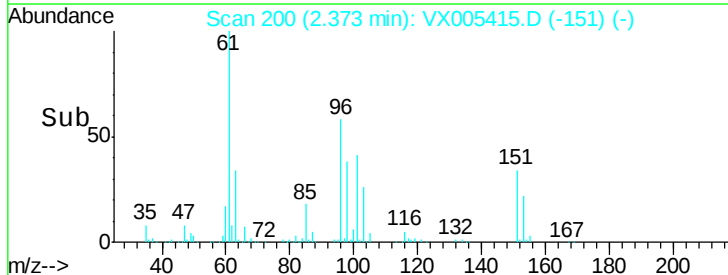
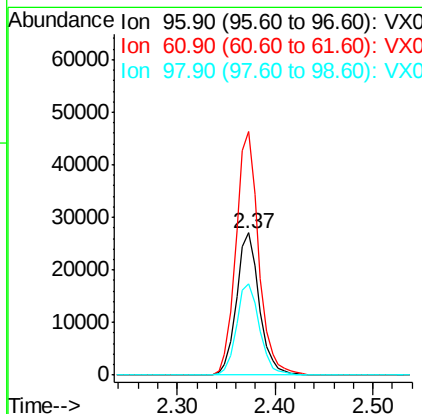
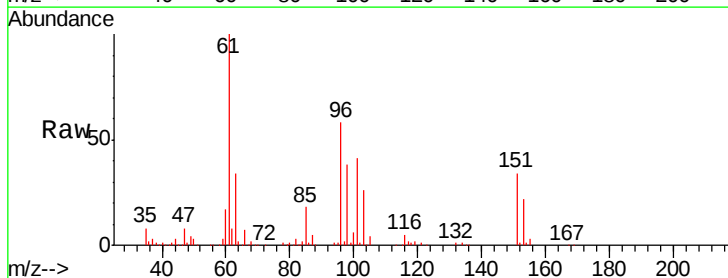
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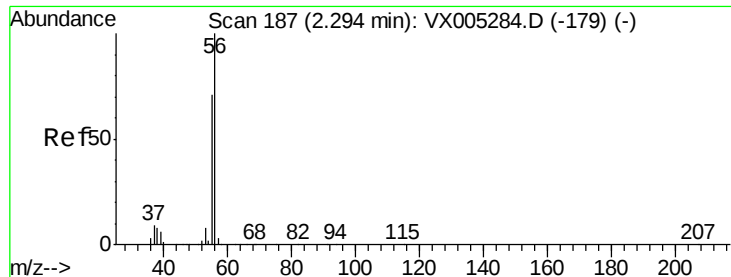


#12

1,1-Dichloroethene
Concen: 19.49 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion: 96 Resp: 43875
Ion Ratio Lower Upper
96 100
61 171.3 128.8 193.2
98 64.6 52.2 78.2





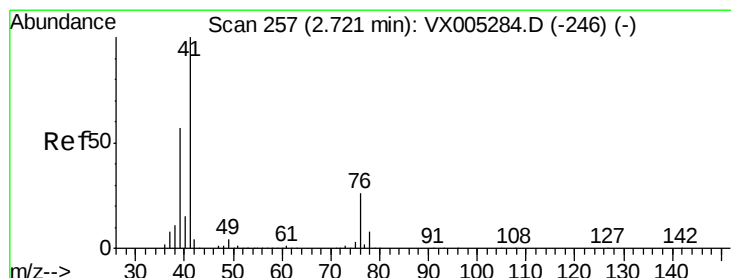
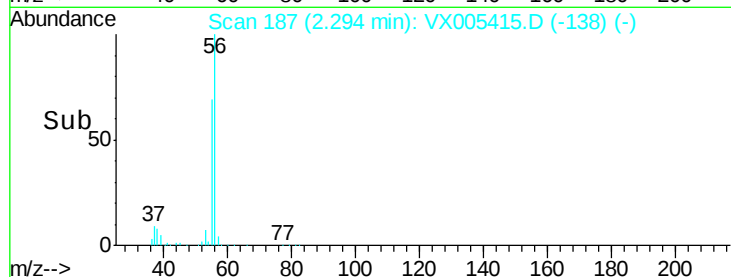
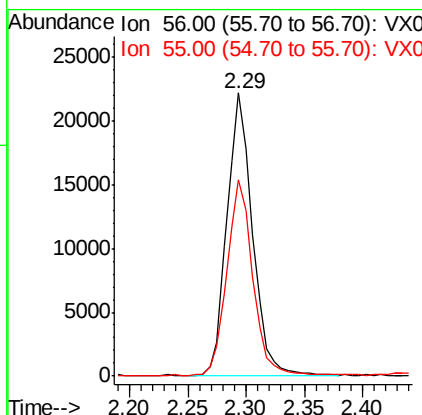
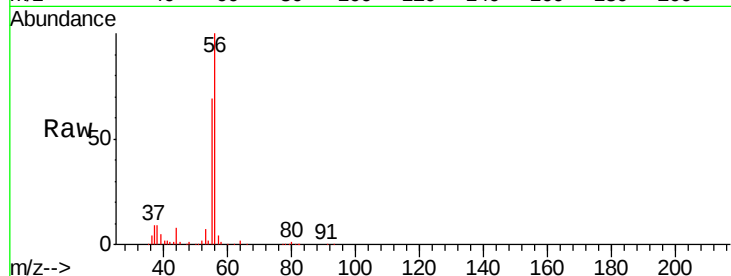
#13
Acrolein
Concen: 64.57 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.6	54.7	82.1

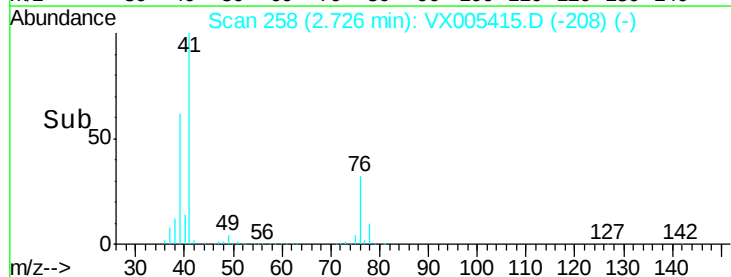
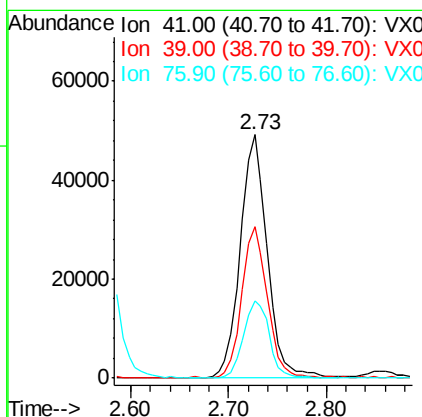
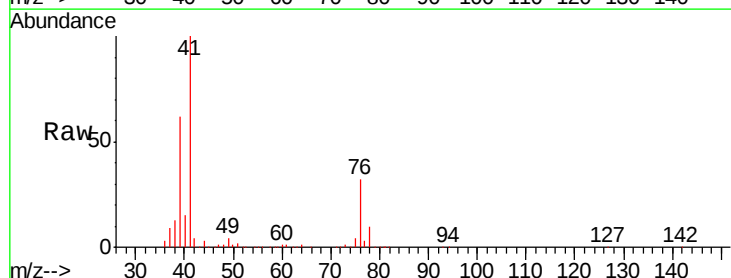
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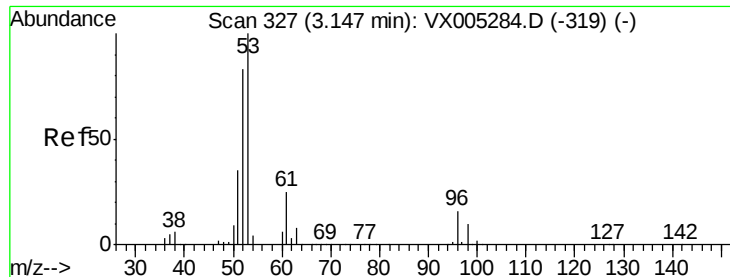
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#14
Allyl chloride
Concen: 18.96 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.6	48.9	73.3
76	30.7	26.7	40.1





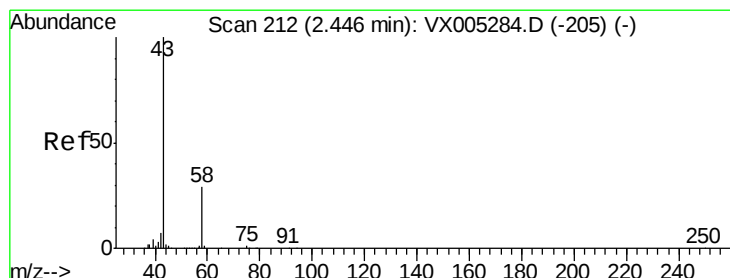
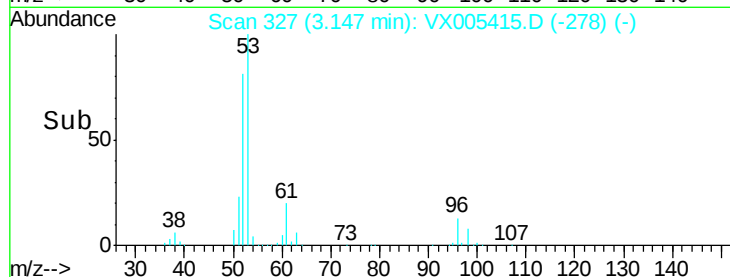
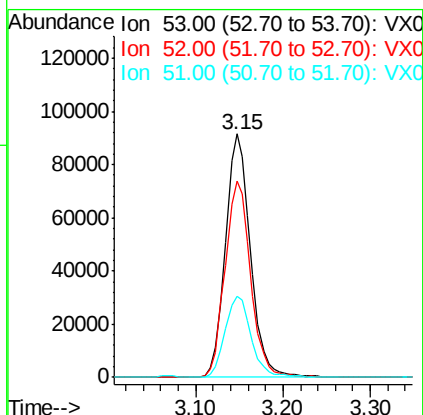
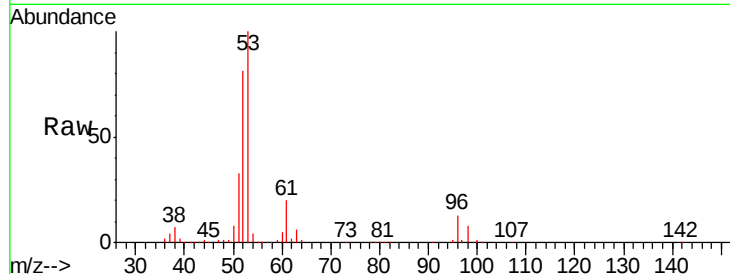
#15
 Acrylonitrile
 Concen: 98.65 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.2	97.8
51	35.2	28.2	42.2

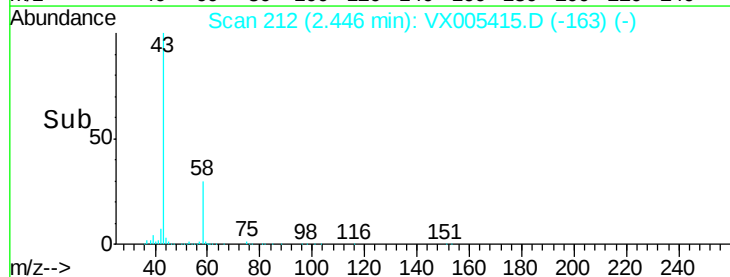
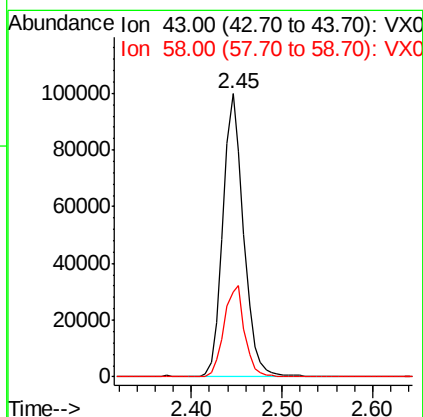
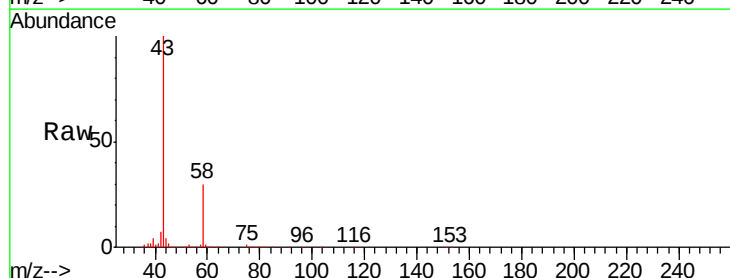
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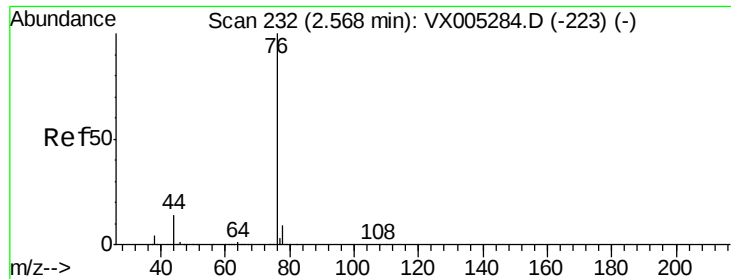
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#16
 Acetone
 Concen: 95.75 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.2	39.4





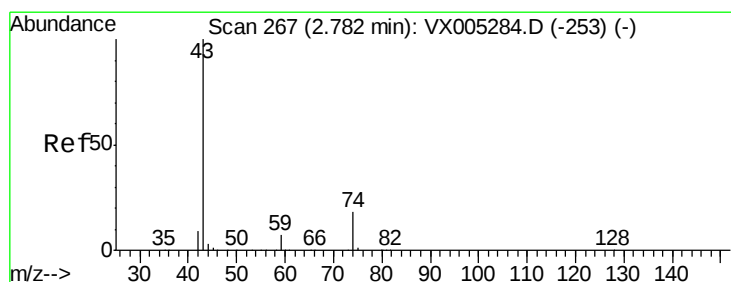
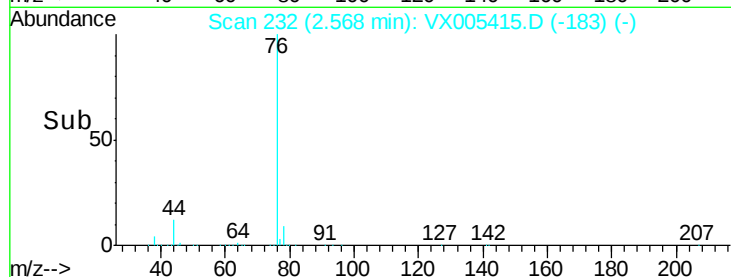
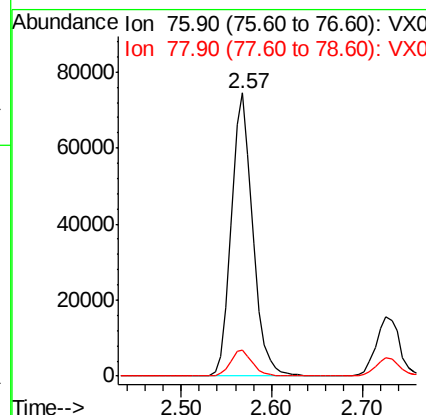
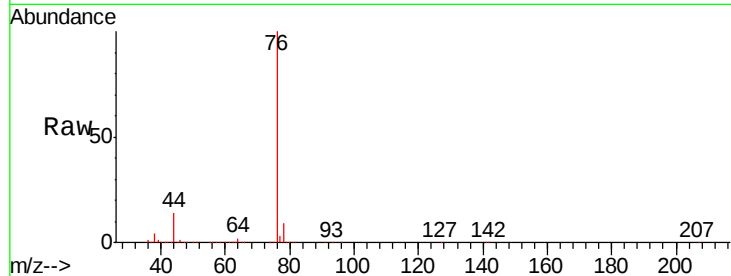
#17
Carbon Disulfide
Concen: 17.88 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

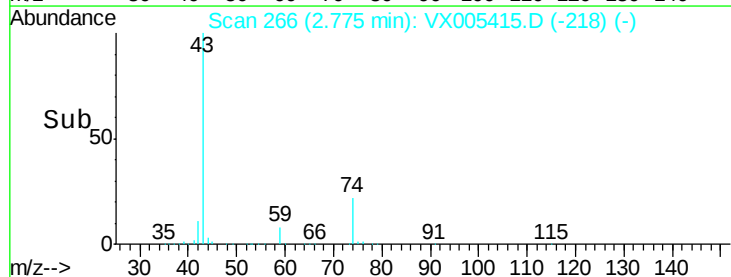
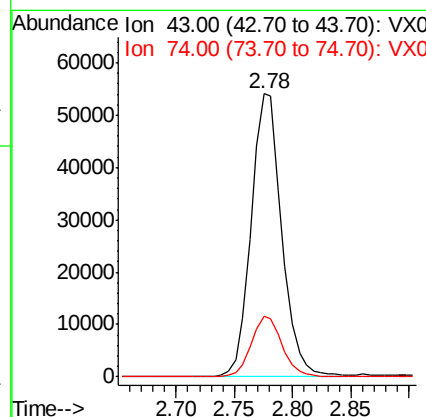
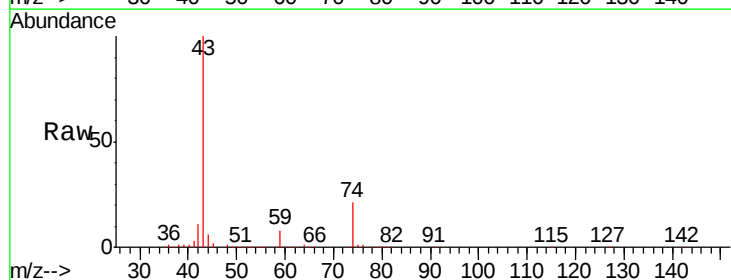
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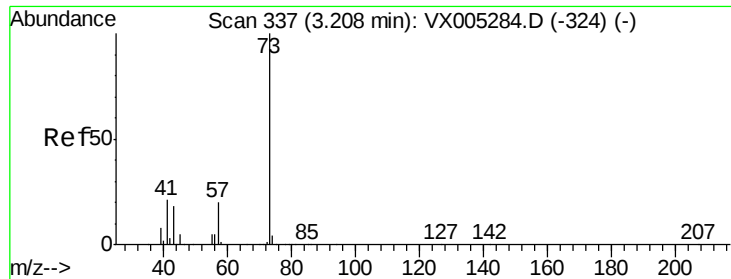
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#18
Methyl Acetate
Concen: 20.95 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	19.4	29.2





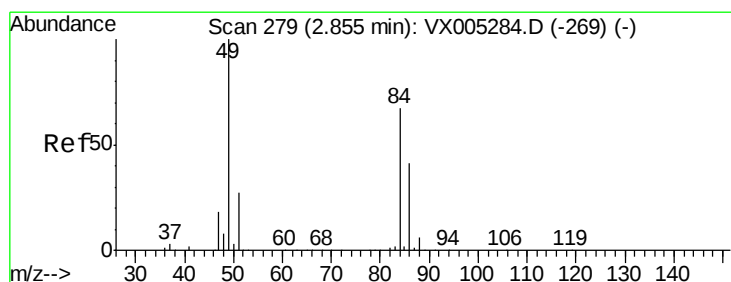
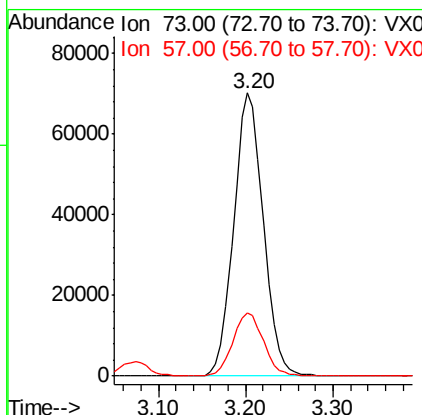
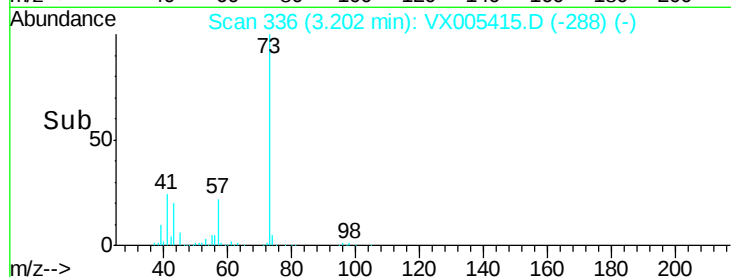
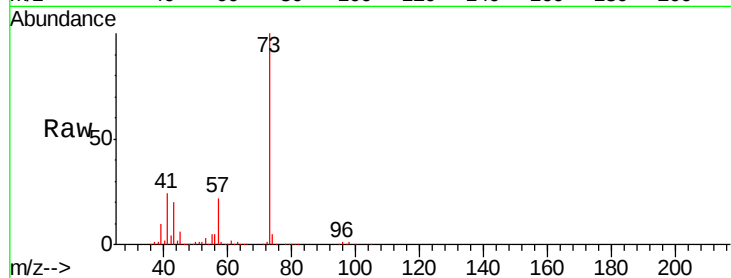
#19
Methyl tert-butyl Ether
Concen: 20.81 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion: 73 Resp: 165031
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7

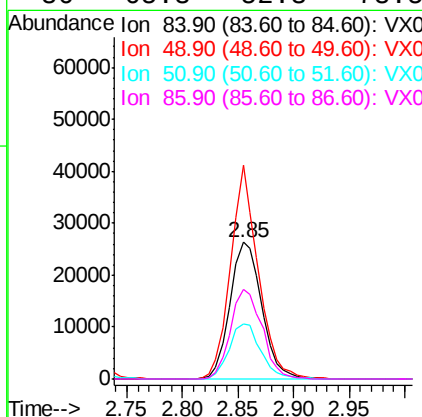
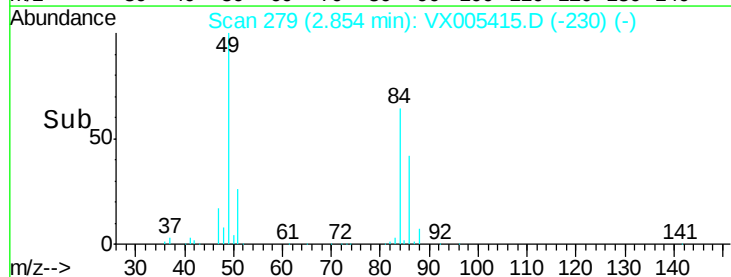
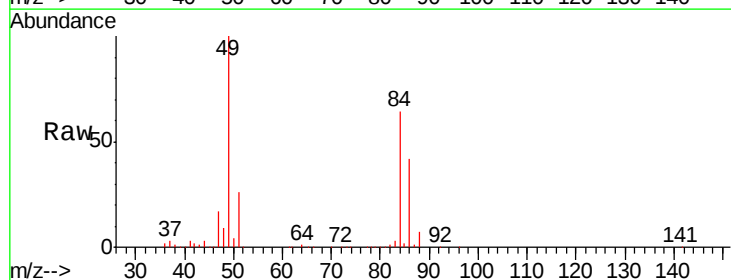
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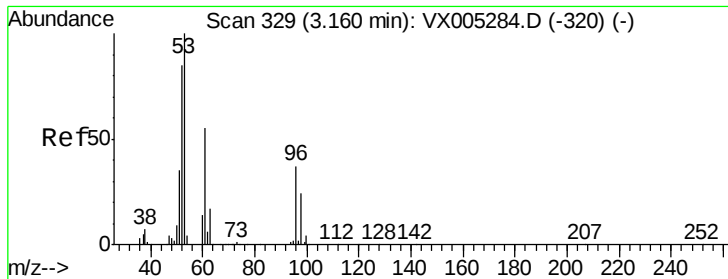
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#20
Methylene Chloride
Concen: 21.01 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion: 84 Resp: 52316
Ion Ratio Lower Upper
84 100
49 156.4 101.2 151.8#
51 40.4 29.5 44.3
86 65.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.26 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD02

Tgt Ion: 96 Resp: 48058

Ion Ratio Lower Upper

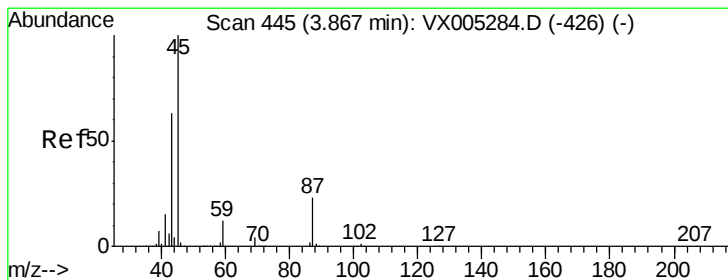
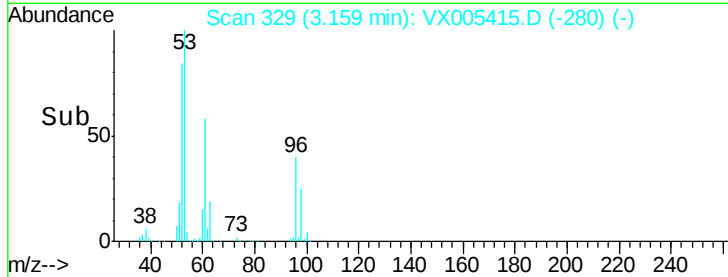
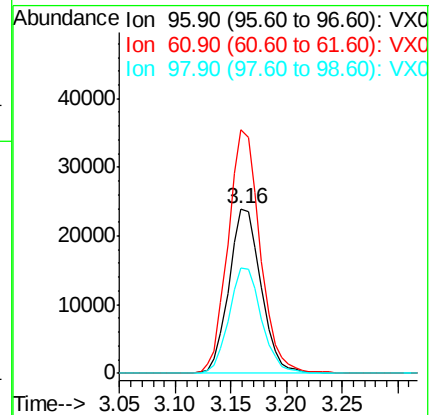
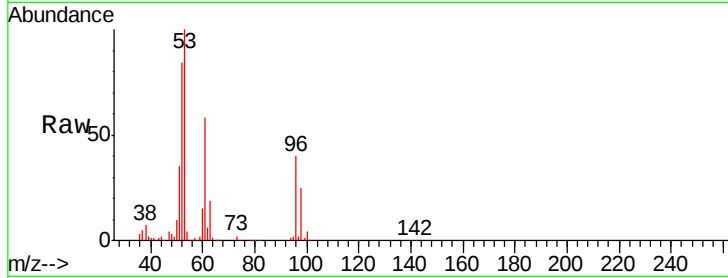
96 100

61 147.5 113.8 170.6

98 64.1 51.8 77.8

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#22

Diisopropyl ether

Concen: 19.48 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion: 45 Resp: 161705

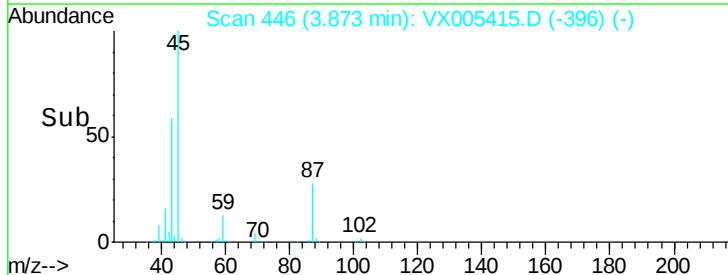
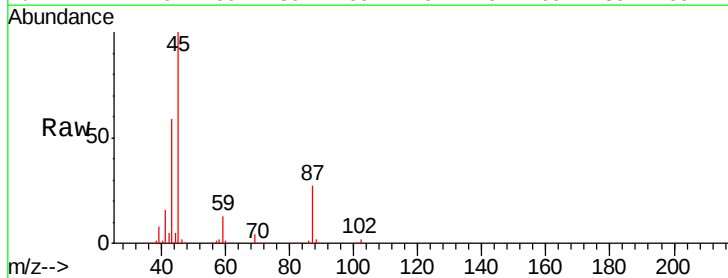
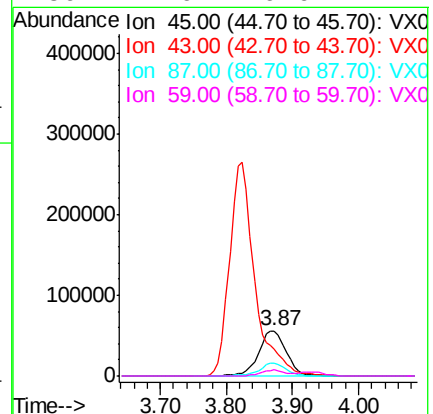
Ion Ratio Lower Upper

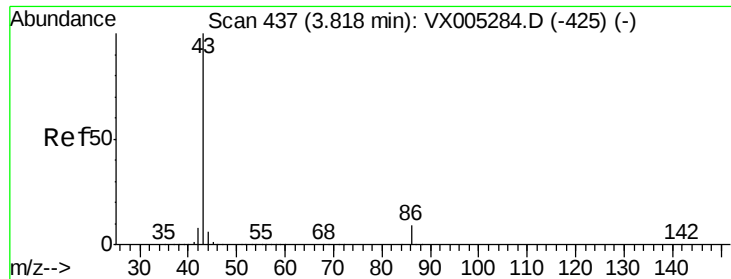
45 100

43 59.3 42.8 64.2

87 27.5 22.6 34.0

59 12.9 9.6 14.4





#23

Vinyl Acetate

Concen: 96.85 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD02

Tgt Ion: 43 Resp: 702813

Ion Ratio Lower Upper

43 100

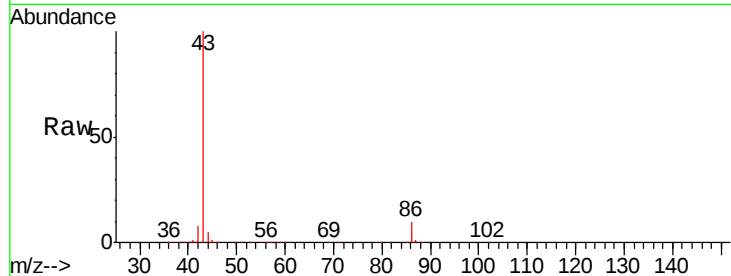
86 9.8 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

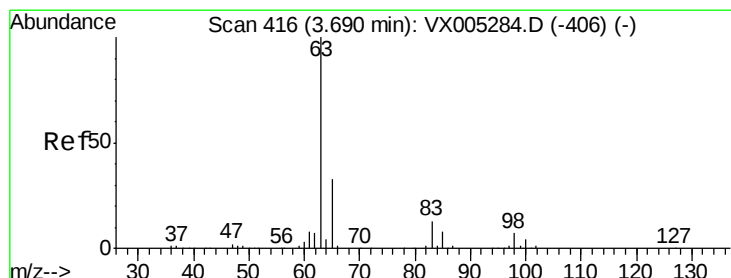
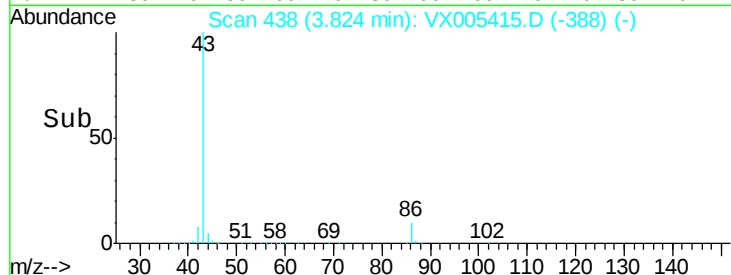
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.64 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

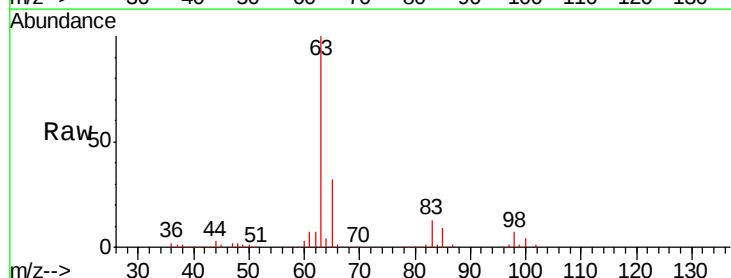
Tgt Ion: 63 Resp: 98197

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 3.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

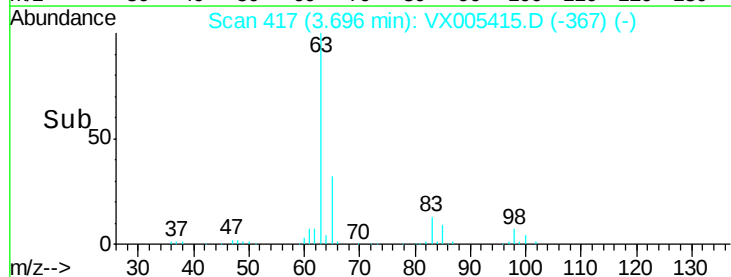
20000

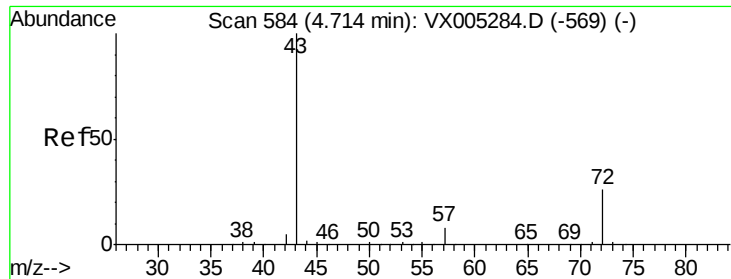
10000

0

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 95.57 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD02

Tgt Ion: 43 Resp: 230659

Ion Ratio Lower Upper

43 100

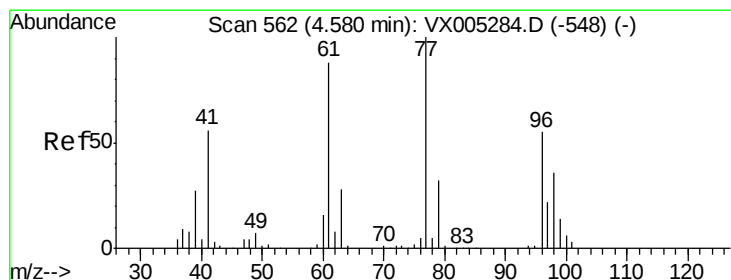
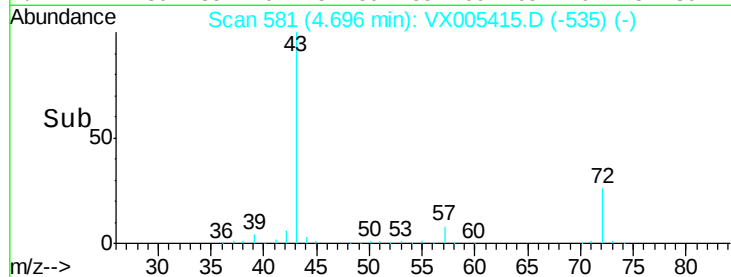
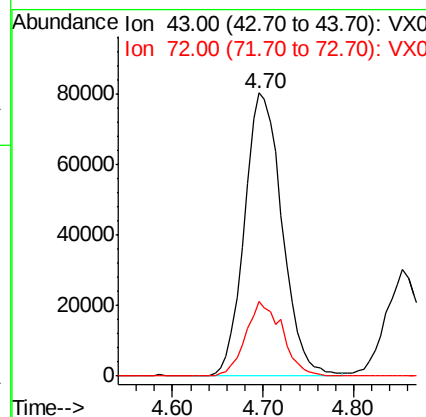
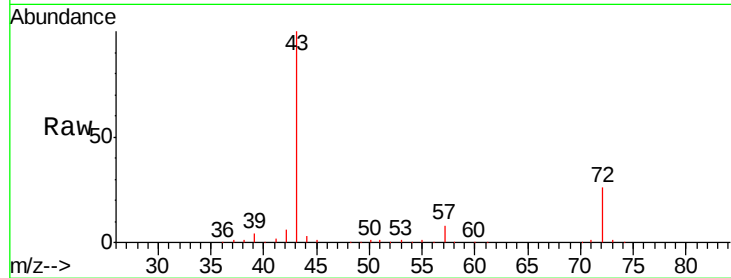
72 26.3 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.04 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005415.D

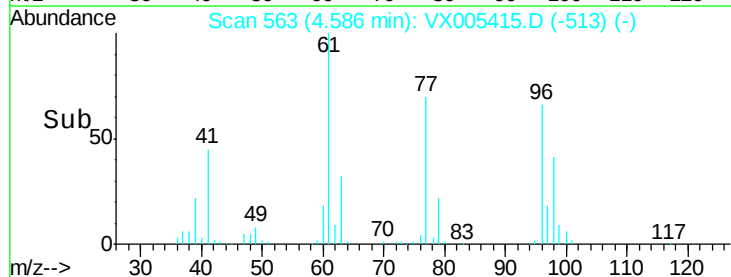
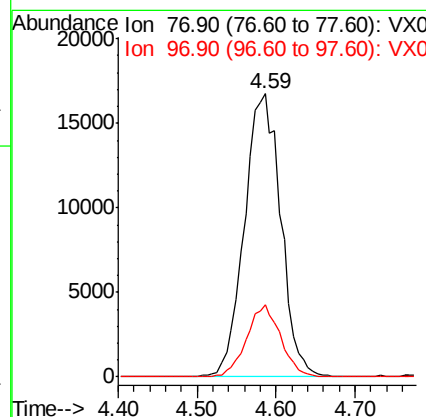
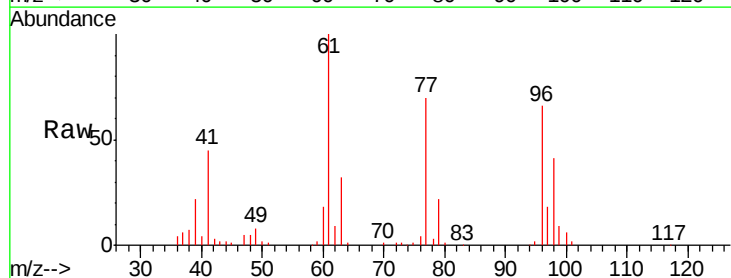
Acq: 18 Oct 2018 02:53

Tgt Ion: 77 Resp: 53514

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





#27

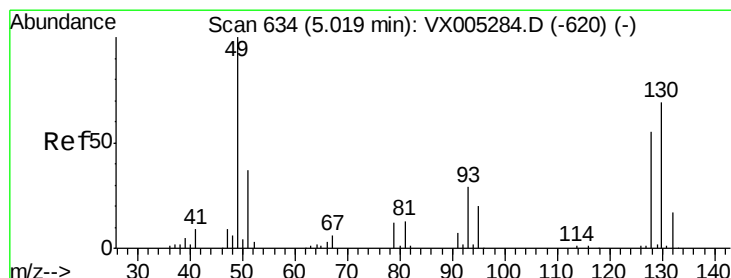
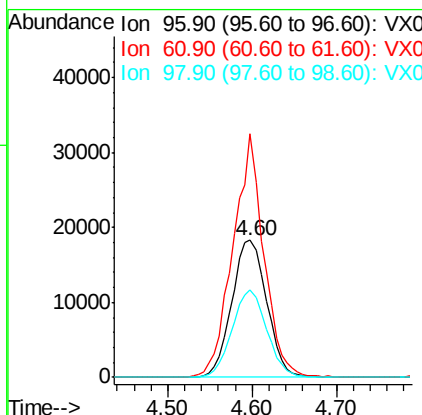
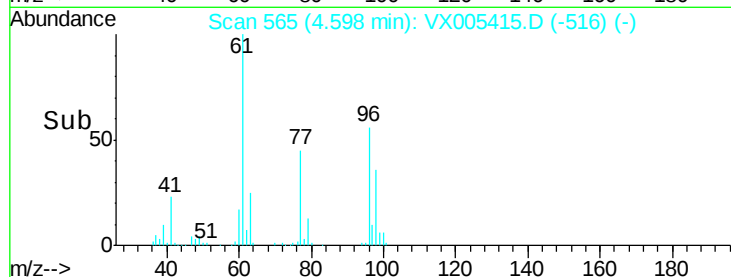
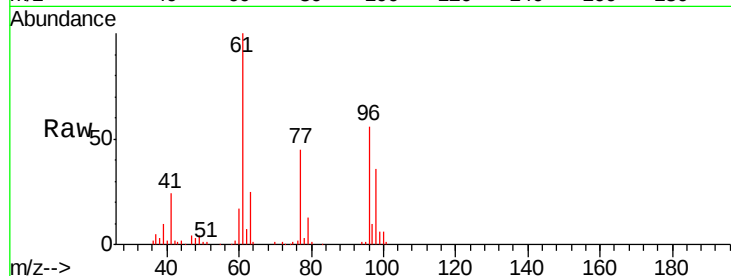
cis-1,2-Dichloroethene
Concen: 18.93 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	282.6
98	63.5	0.0	130.2

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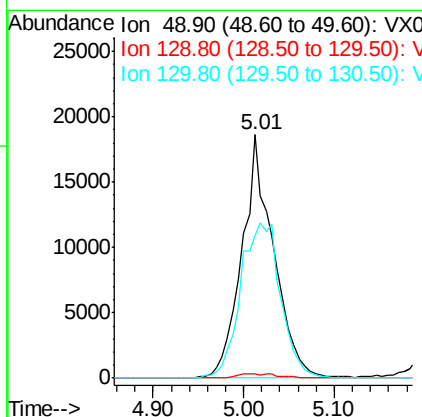
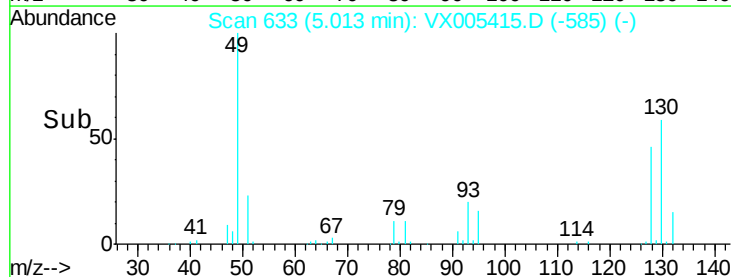
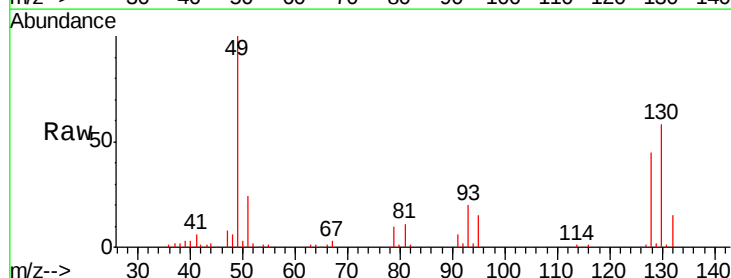
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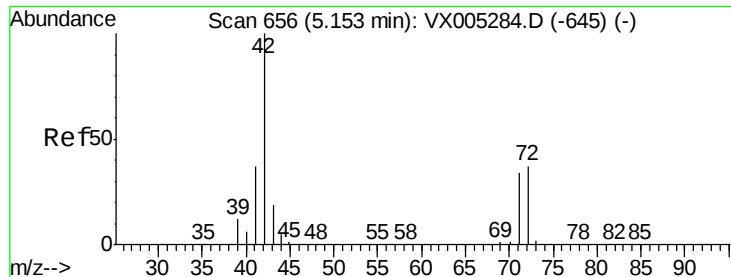


#28

Bromochloromethane
Concen: 20.78 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.2
130	80.4	67.5	101.3





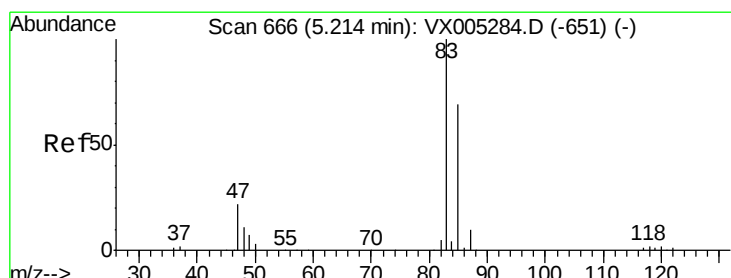
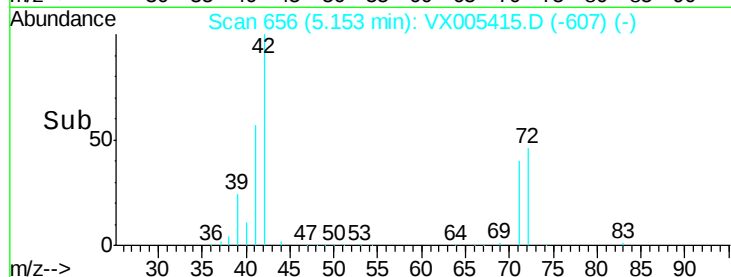
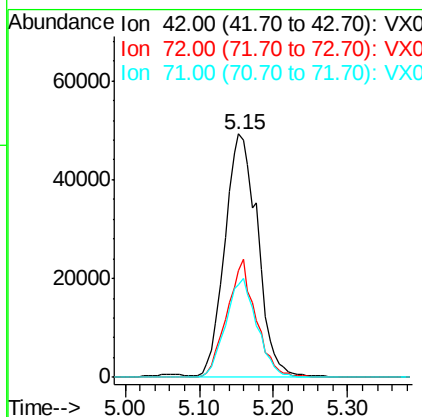
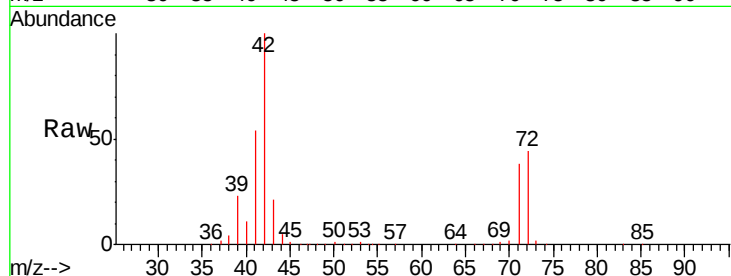
#29
Tetrahydrofuran
Concen: 98.13 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.1	37.4	56.0
71	39.1	34.5	51.7

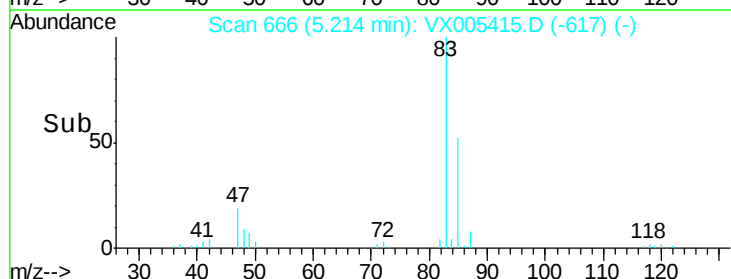
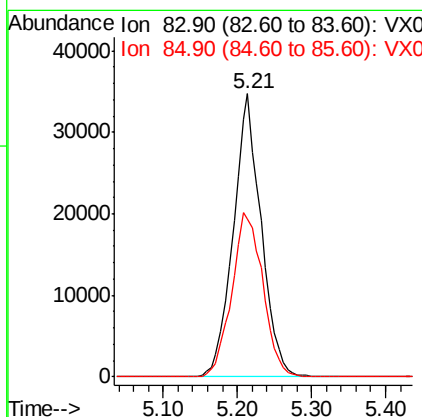
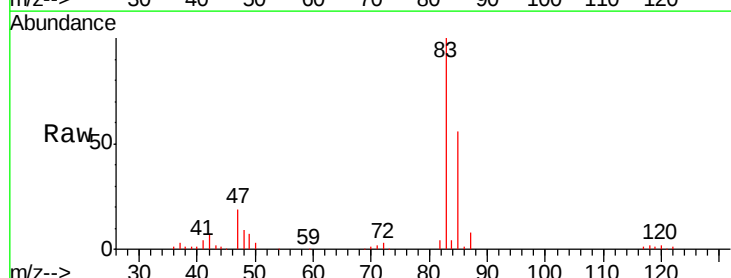
Manual Integrations
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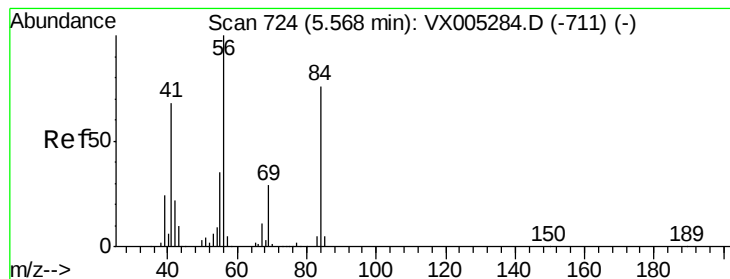
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#30
Chloroform
Concen: 20.59 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.6	52.6	79.0





#31

Cyclohexane

Concen: 19.19 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

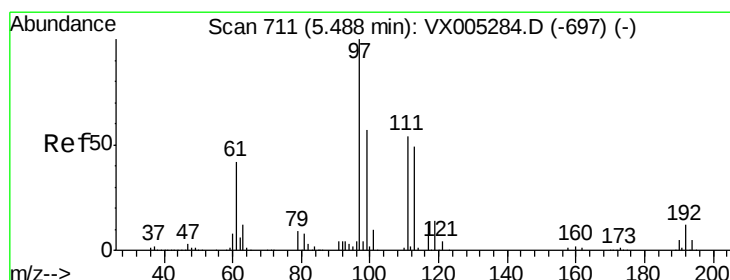
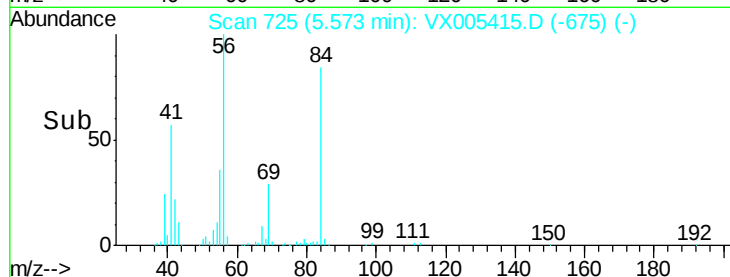
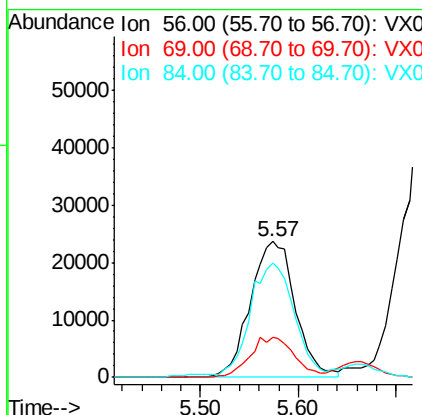
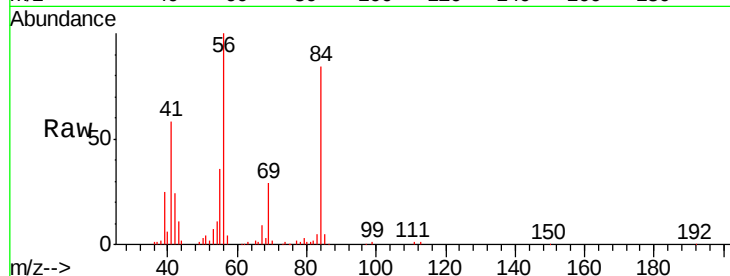
ClientSampleId :

VX1017WBSD02

Tgt Ion:	56	Resp:	75249
Ion	Ratio	Lower	Upper
56	100		
69	29.2	25.4	38.2
84	82.1	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.48 ug/l

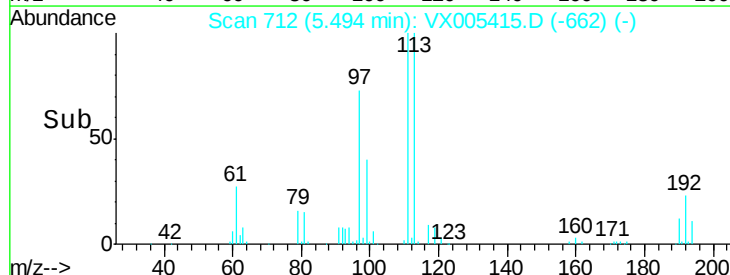
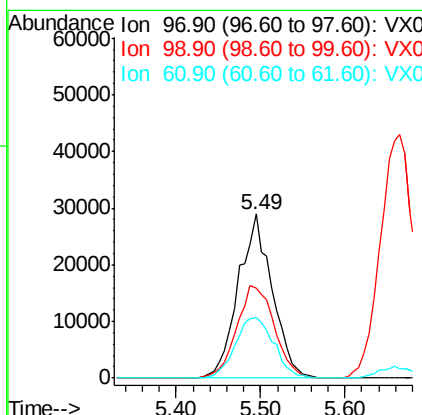
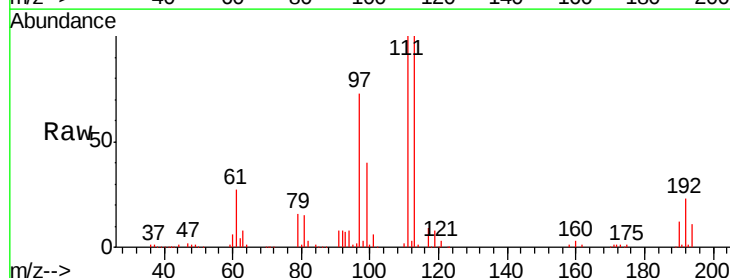
RT: 5.49 min Scan# 712

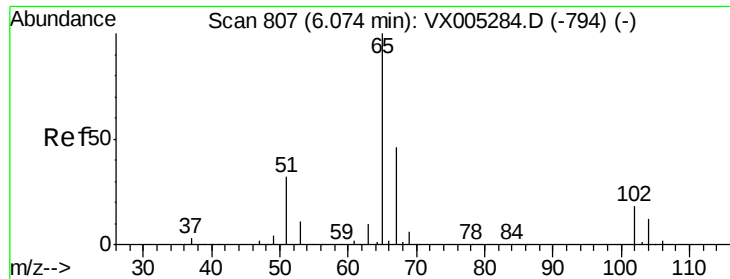
Delta R.T. 0.01 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion:	97	Resp:	78696
Ion	Ratio	Lower	Upper
97	100		
99	62.8	52.0	78.0
61	42.1	34.9	52.3





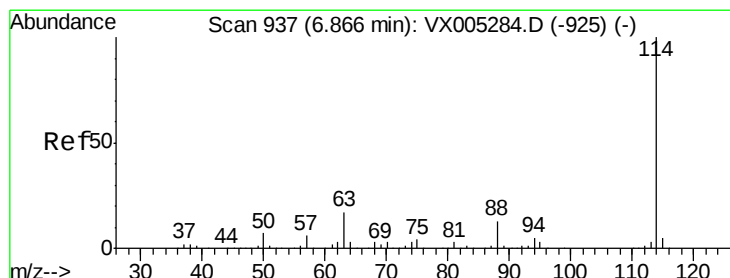
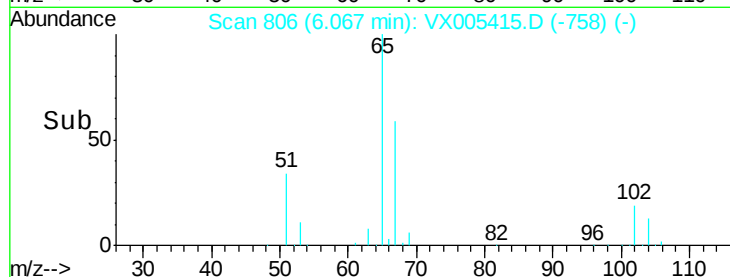
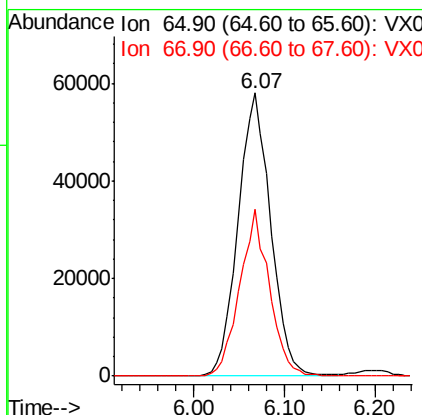
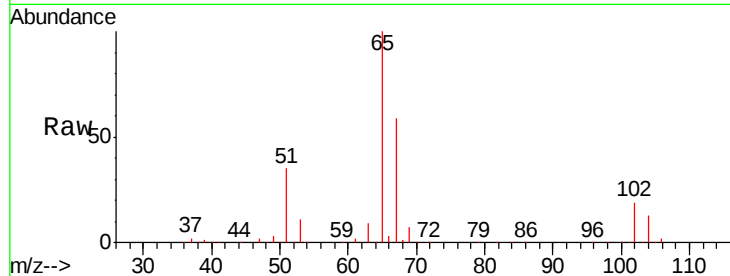
#33
 1,2-Dichloroethane-d4
 Concen: 50.64 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion: 65 Resp: 144491
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8

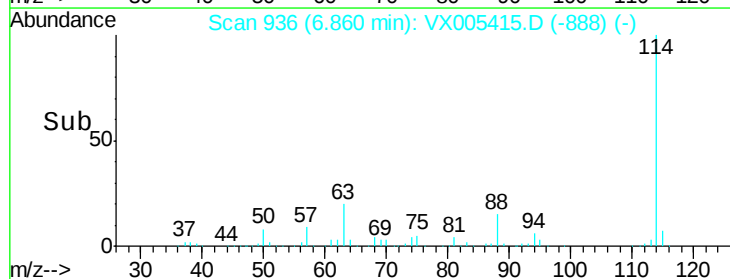
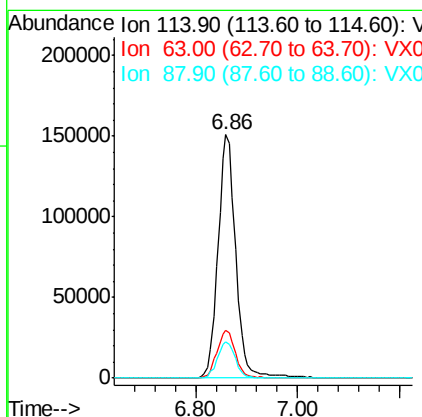
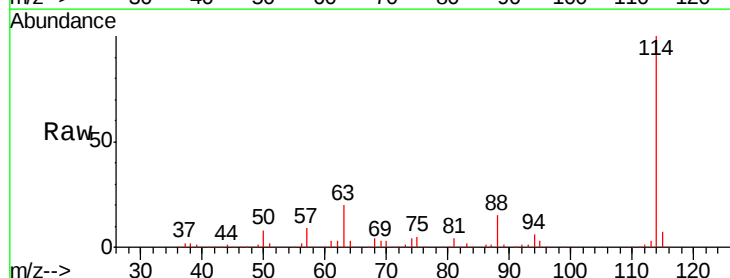
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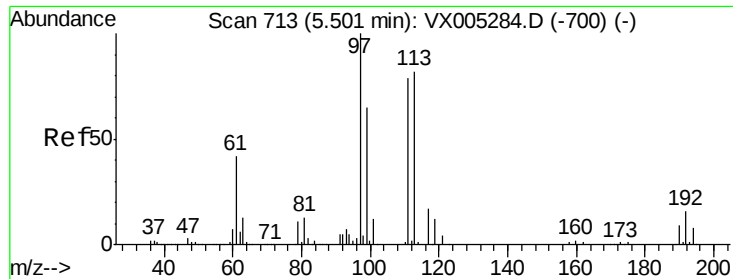
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion: 114 Resp: 366152
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.61 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

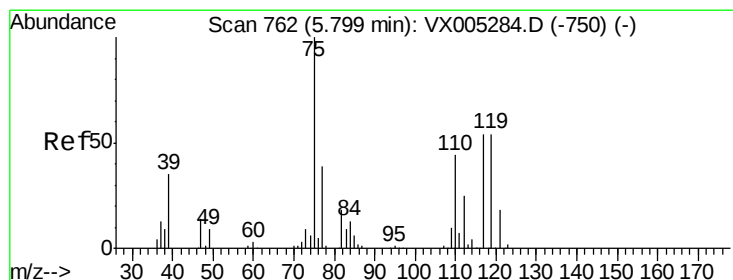
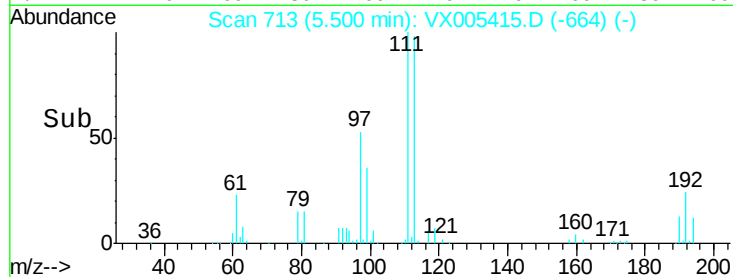
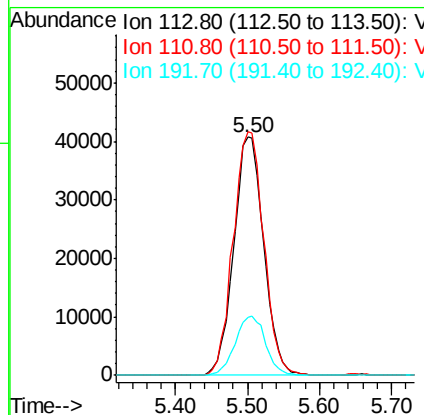
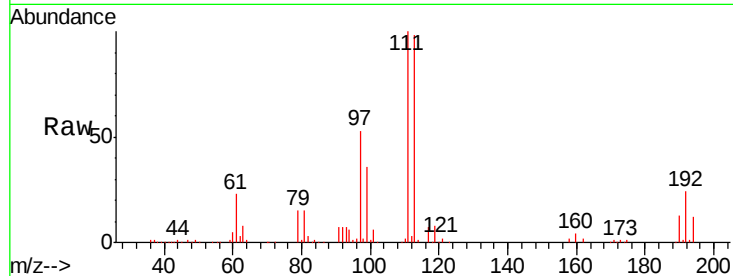
ClientSampleId :

VX1017WBSD02

Tgt Ion:	113	Resp:	117895
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.4	123.6
192	24.9	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 17.82 ug/l

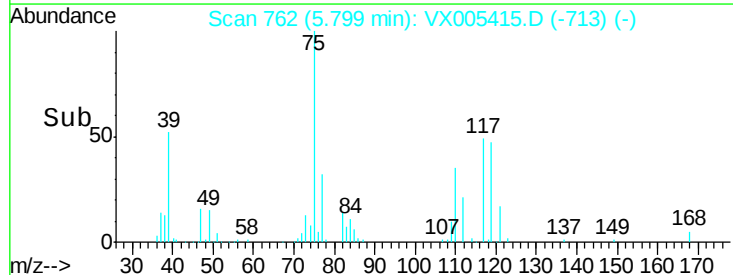
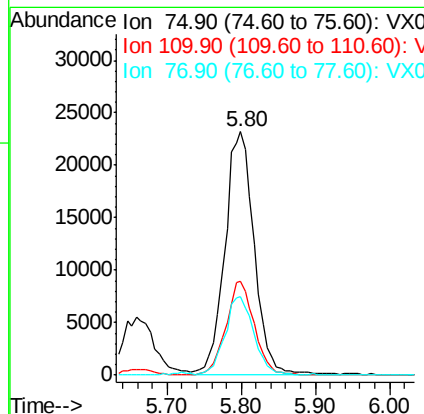
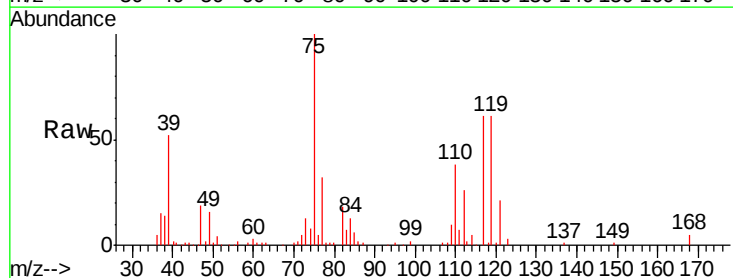
RT: 5.80 min Scan# 762

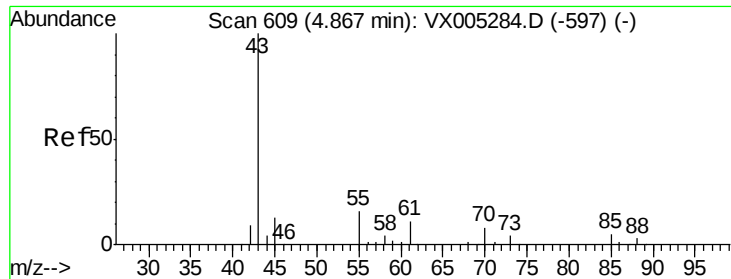
Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion:	75	Resp:	63205
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.0	54.0
77	31.5	24.6	36.8





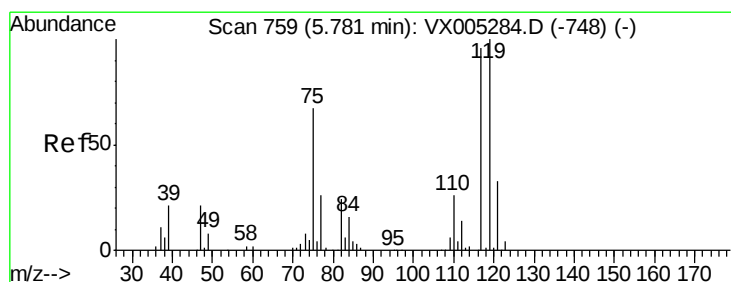
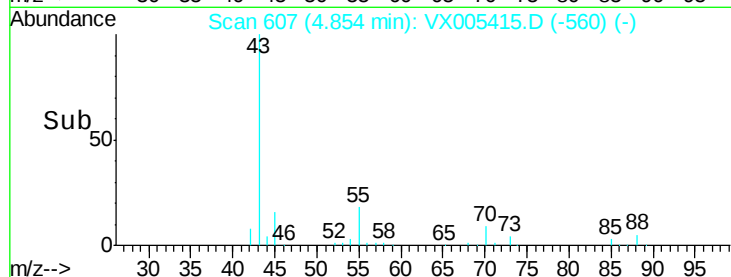
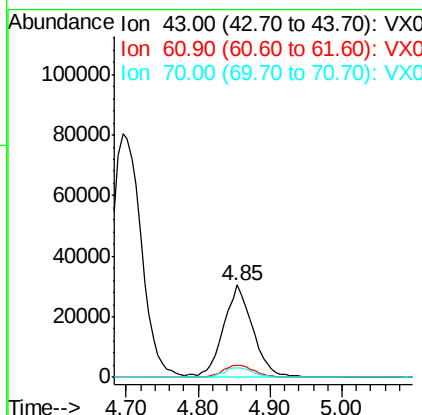
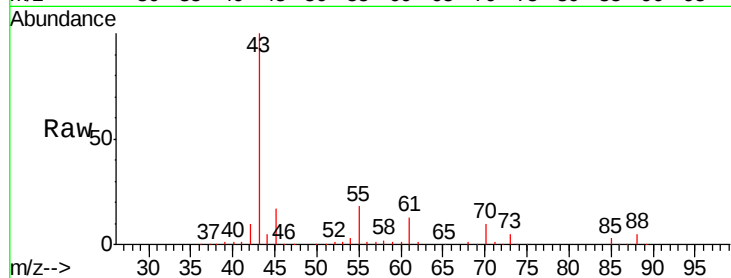
#37
Ethyl Acetate
Concen: 18.64 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	10.7	9.0	13.6

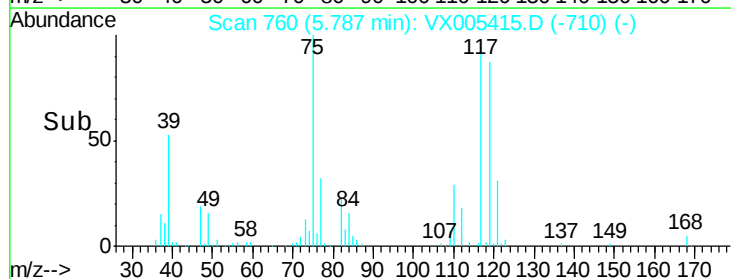
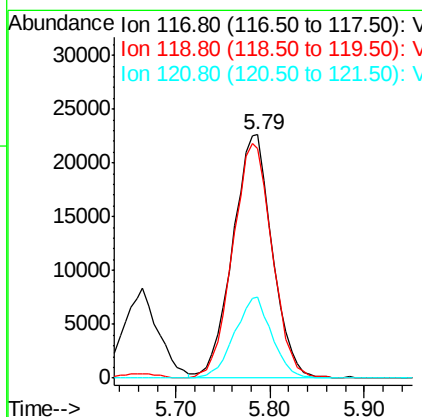
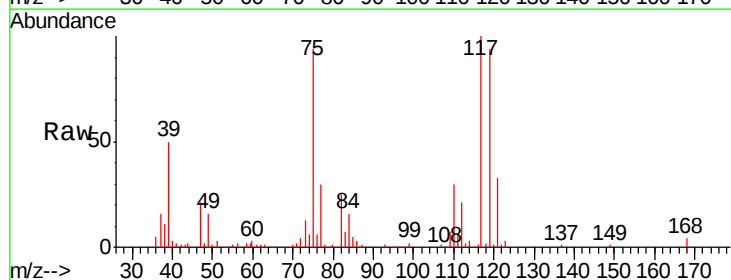
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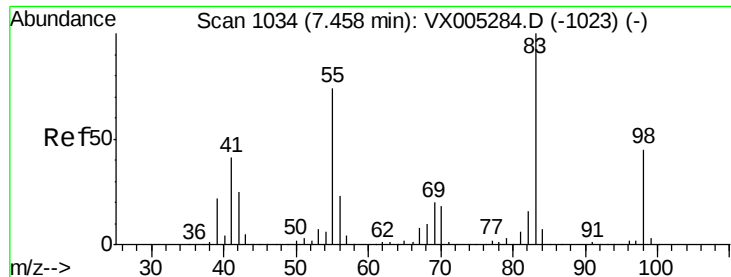
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#38
Carbon Tetrachloride
Concen: 18.62 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.8	118.2
121	33.4	24.9	37.3





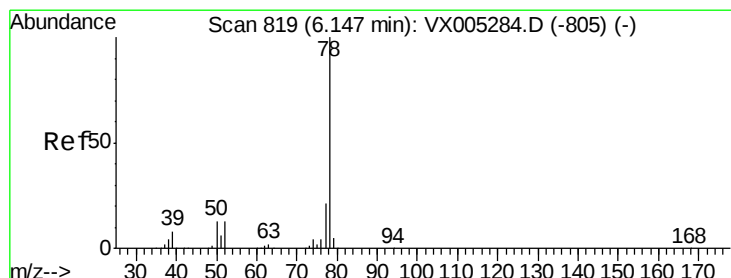
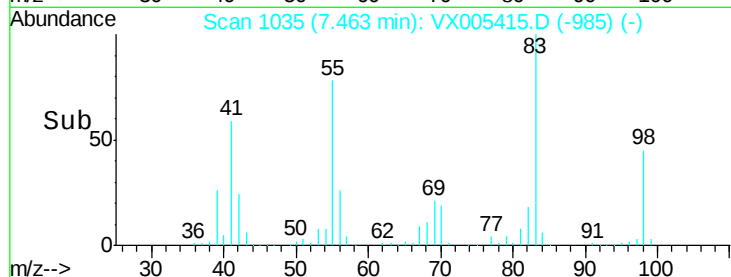
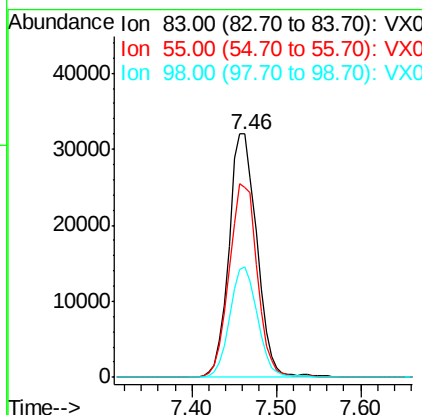
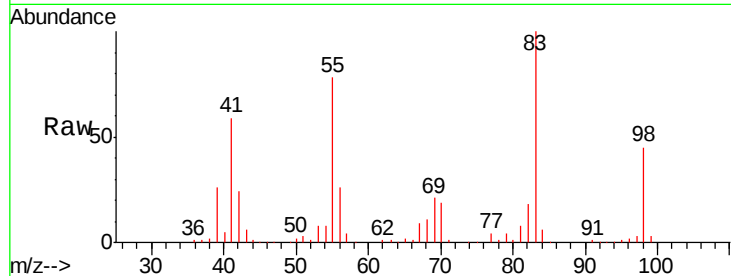
#39
Methylcyclohexane
Concen: 18.80 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.0	91.4
98	45.2	39.6	59.4

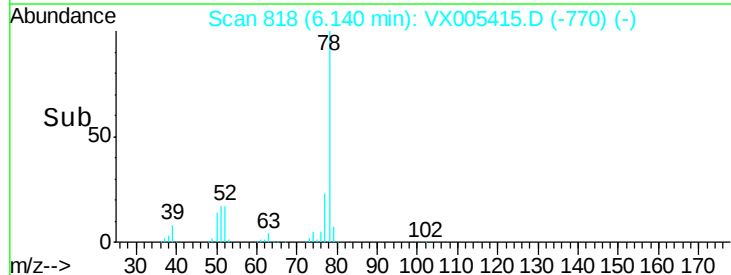
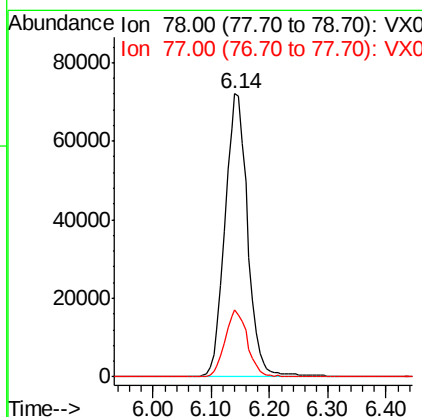
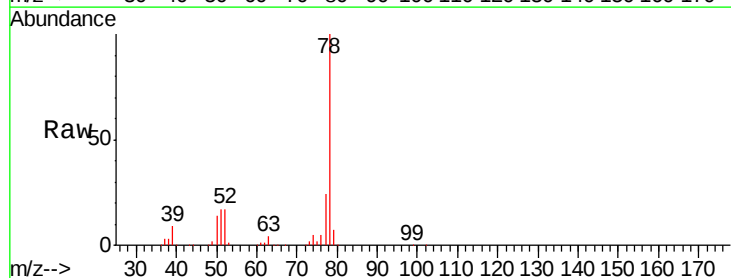
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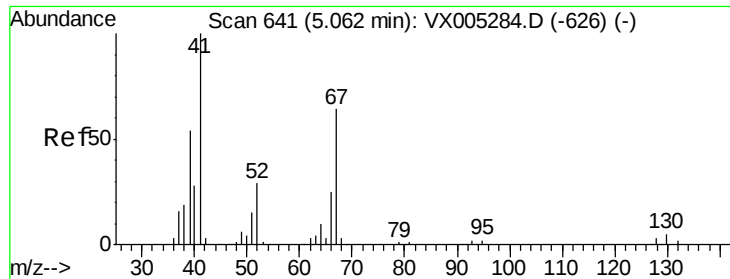
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#40
Benzene
Concen: 18.39 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 19.36 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

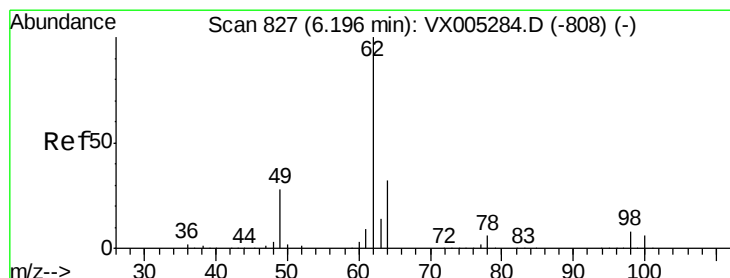
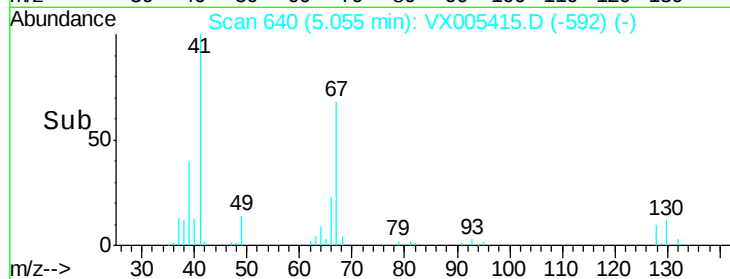
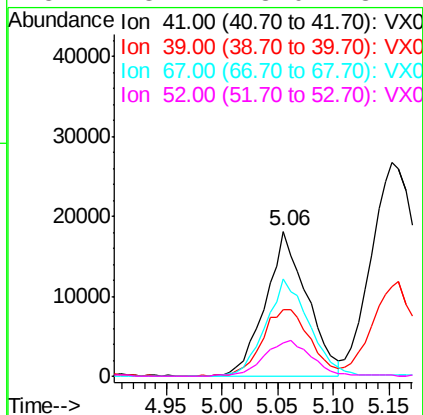
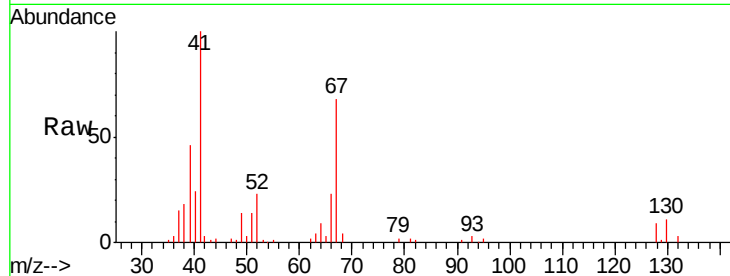
ClientSampleId :

VX1017WBSD02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.4	63.6	
67	70.6	59.2	88.8	
52	28.1	23.0	34.4	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.47 ug/l

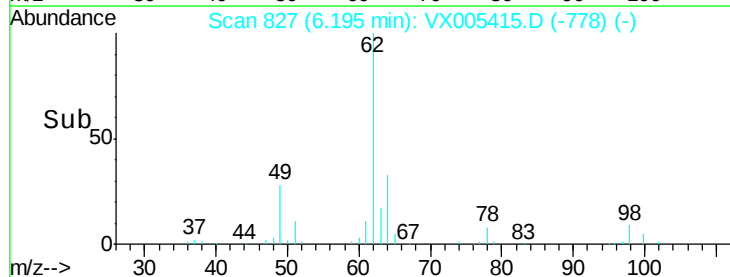
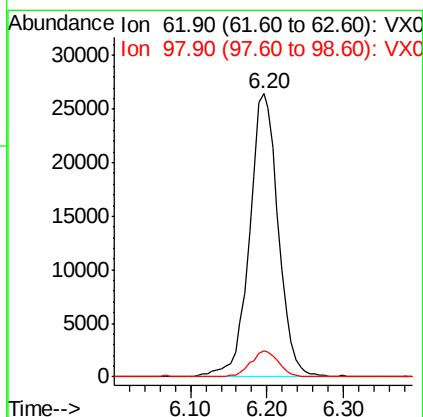
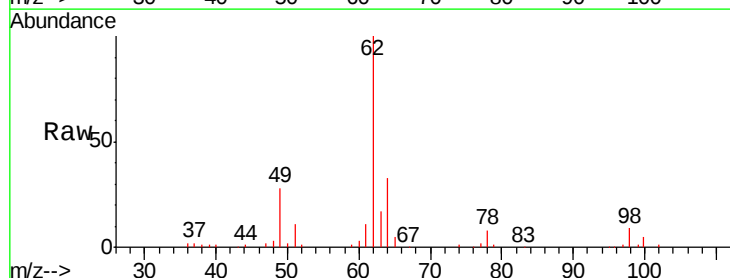
RT: 6.20 min Scan# 827

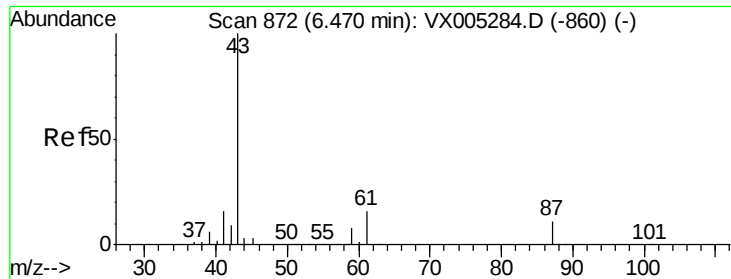
Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	20.6	





#43

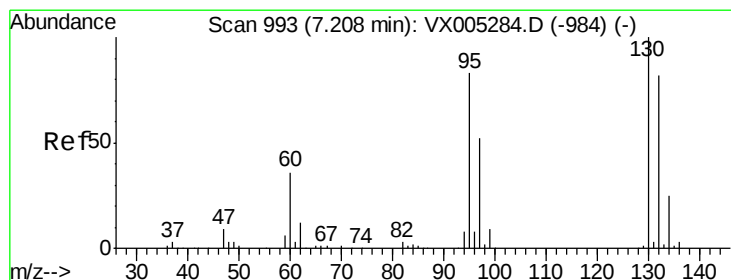
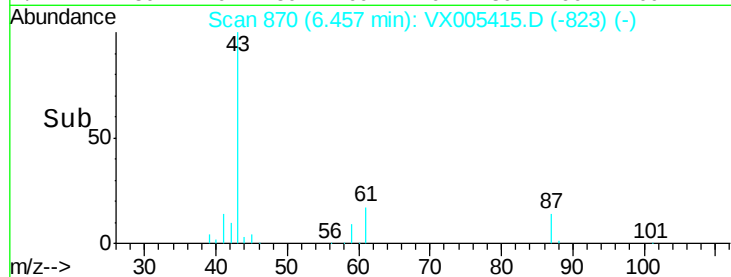
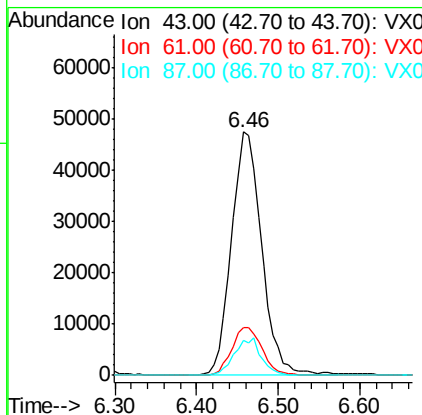
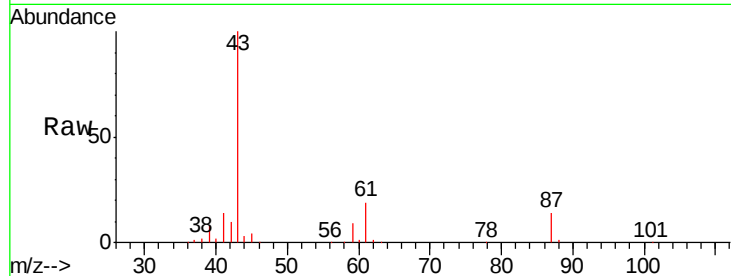
Isopropyl Acetate
 Concen: 19.88 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	17.0	25.4
87	13.9	11.4	17.2

Manual Integrations
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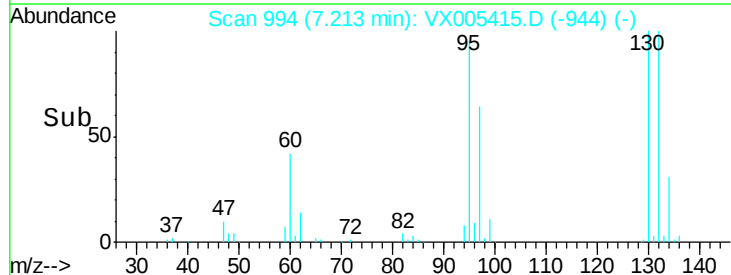
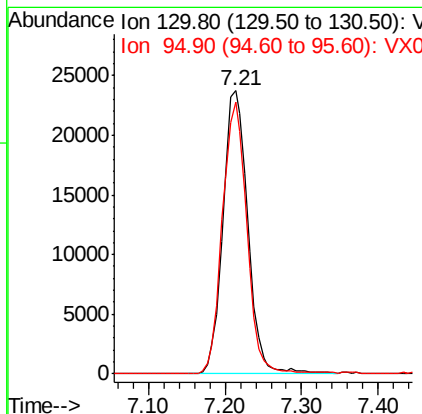
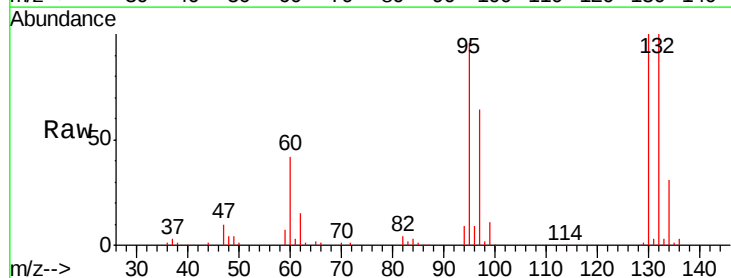
MMDadoda
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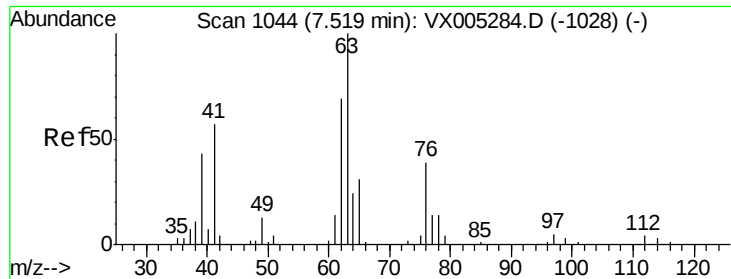


#44

Trichloroethene
 Concen: 19.34 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	181.6





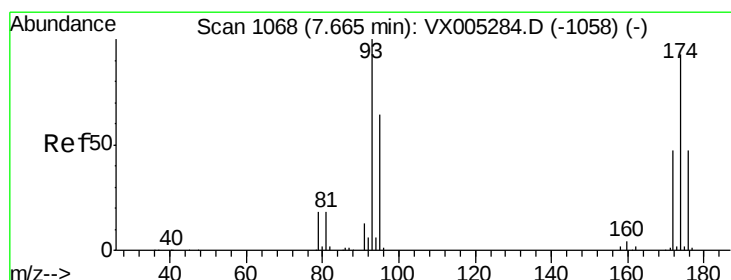
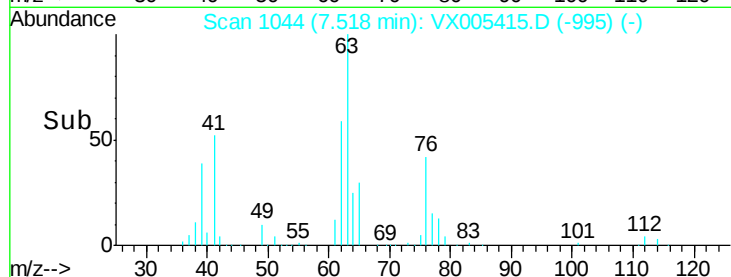
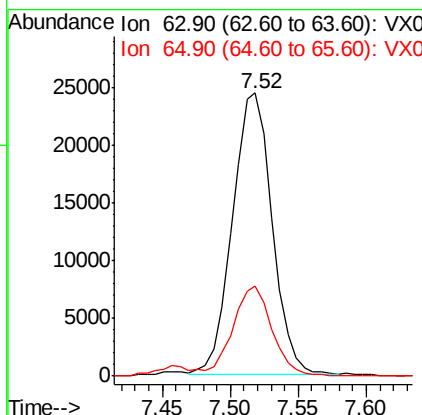
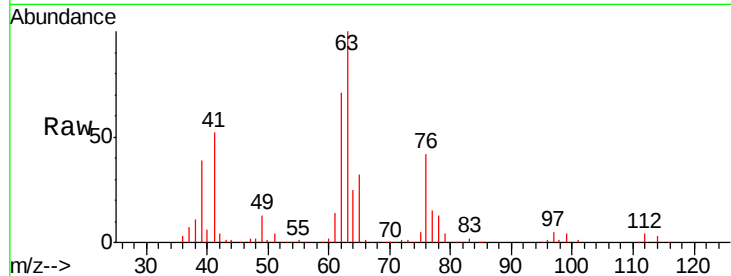
#45
 1,2-Dichloropropane
 Concen: 18.99 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion: 63 Resp: 49542
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5

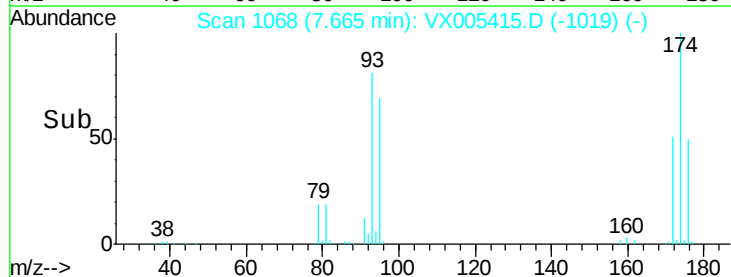
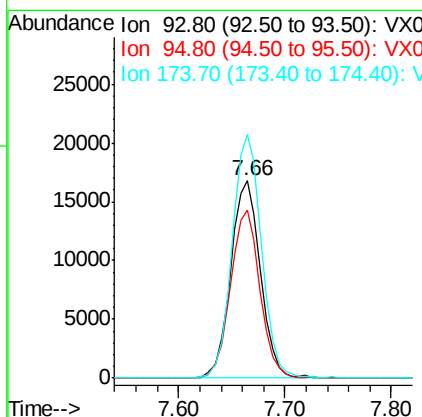
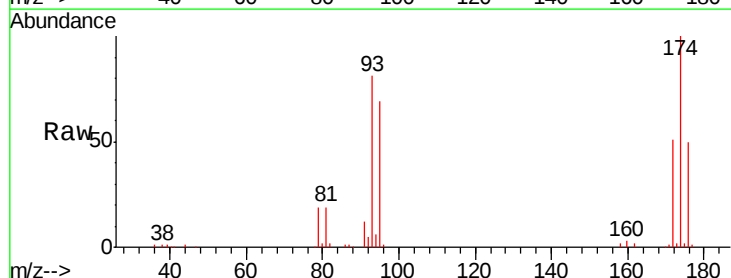
Manual Integrations
 APPROVED

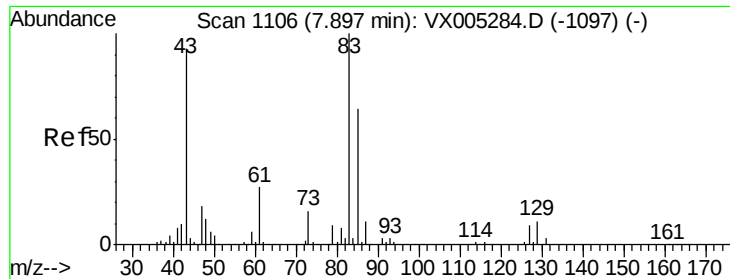
MMDadoda
 10/19/2018 12:24:18 PM



#46
 Dibromomethane
 Concen: 19.03 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion: 93 Resp: 32770
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.5 98.3
 174 122.2 94.2 141.4





#47

Bromodichloromethane

Concen: 20.03 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

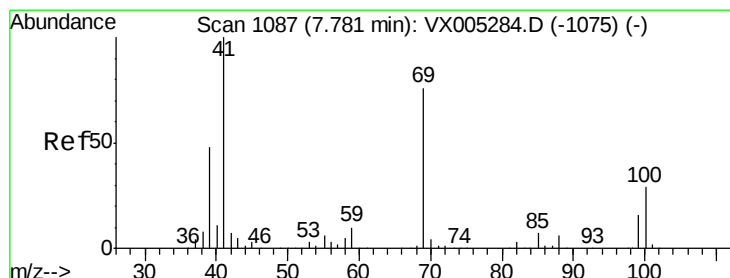
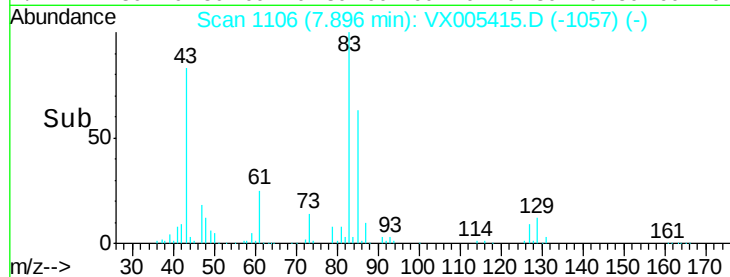
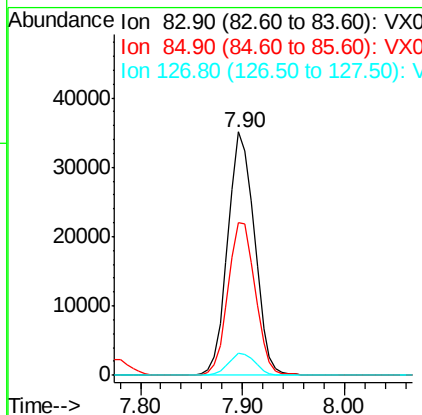
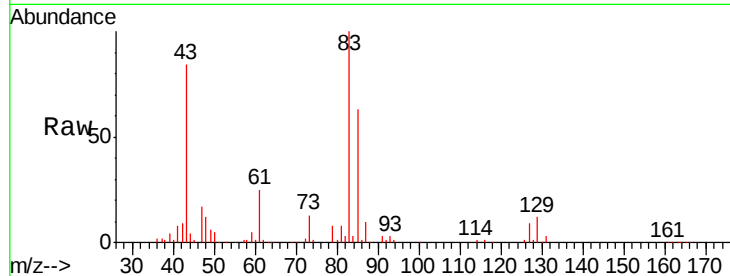
ClientSampleId :

VX1017WBSD02

Tgt Ion:	83	Resp:	63809
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3
127	9.0	7.3	10.9

Manual Integrations
APPROVED

MMDadoda
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#48

Methyl methacrylate

Concen: 19.93 ug/l

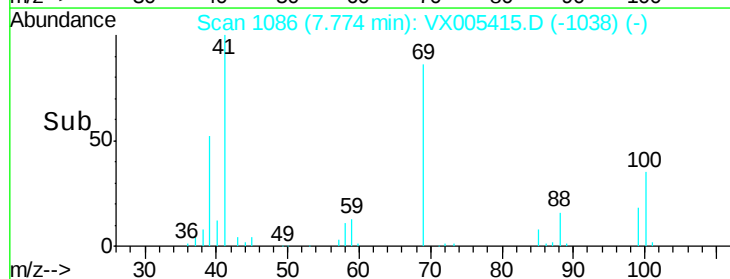
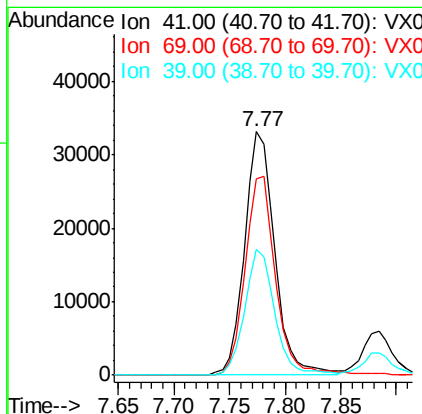
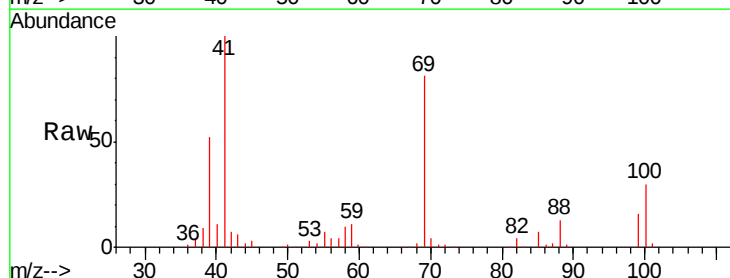
RT: 7.77 min Scan# 1086

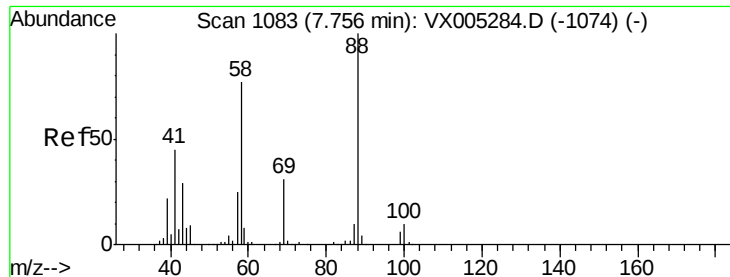
Delta R.T. -0.01 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion:	41	Resp:	62806
Ion	Ratio	Lower	Upper
41	100		
69	82.4	70.2	105.4
39	50.5	42.7	64.1





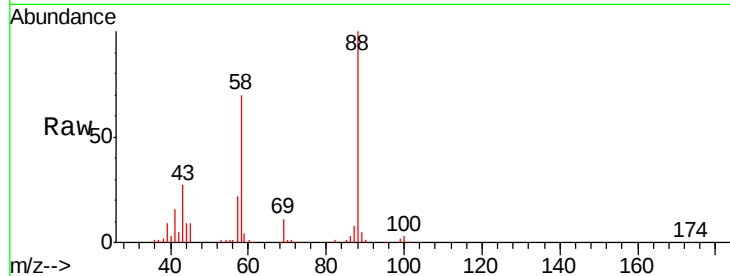
#49
1,4-Dioxane
Concen: 412.17 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.2	24.7	37.1
58	71.8	55.3	82.9

Manual Integrations
APPROVED

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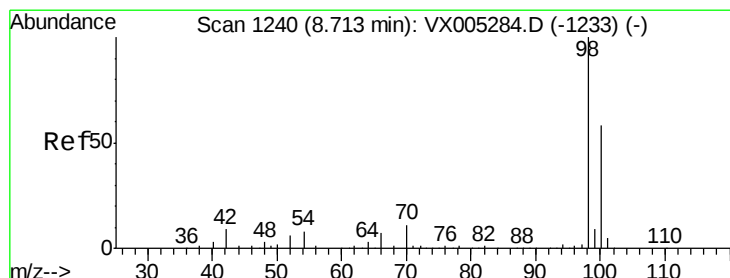
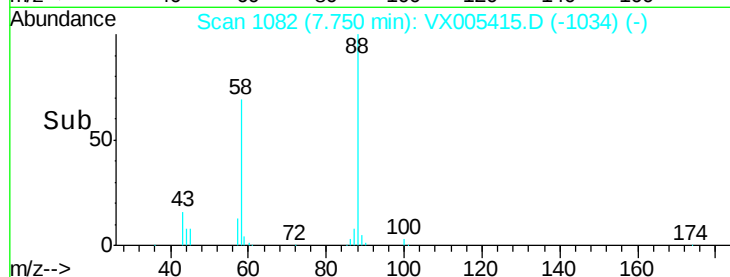
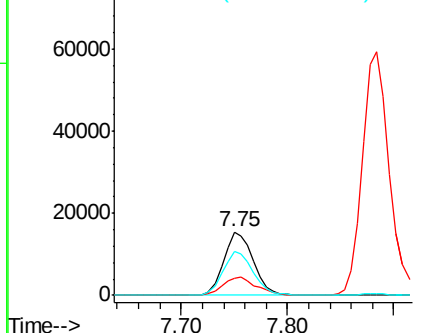


Abundance

Ion 88.00 (87.70 to 88.70): VX0

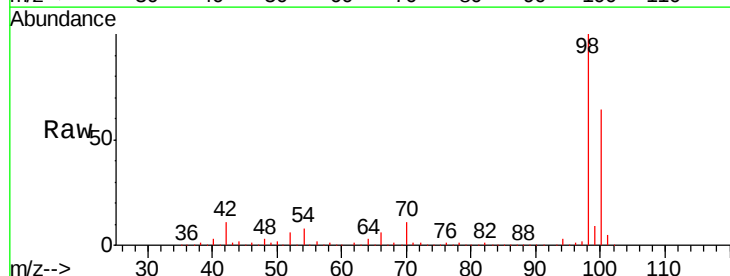
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 53.07 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

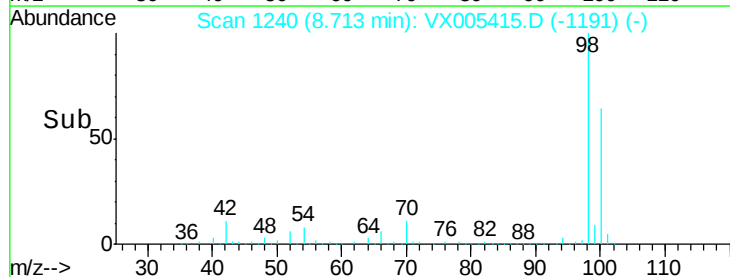
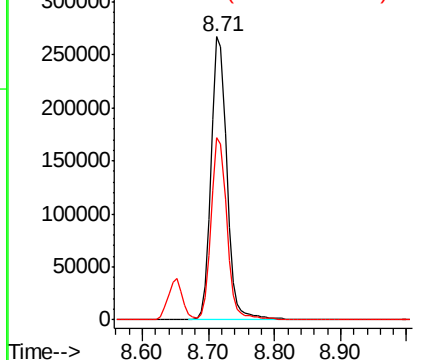
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.9	79.3

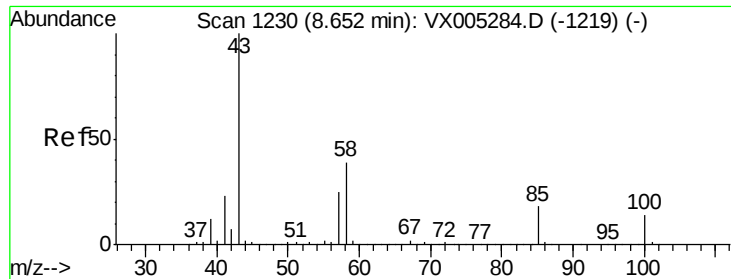


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





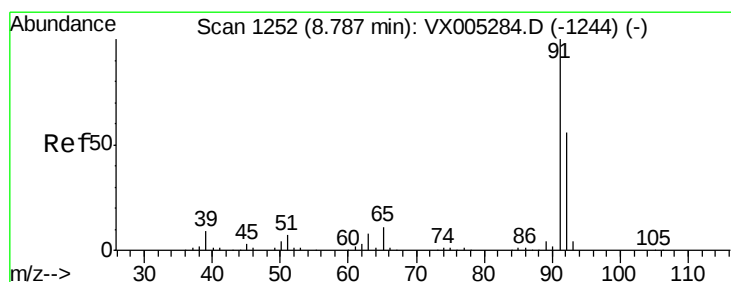
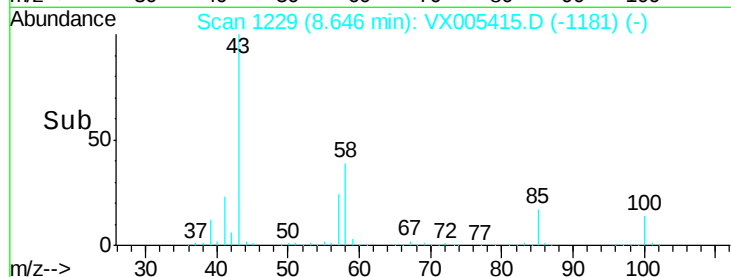
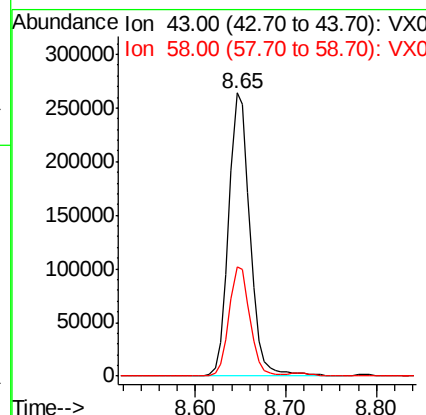
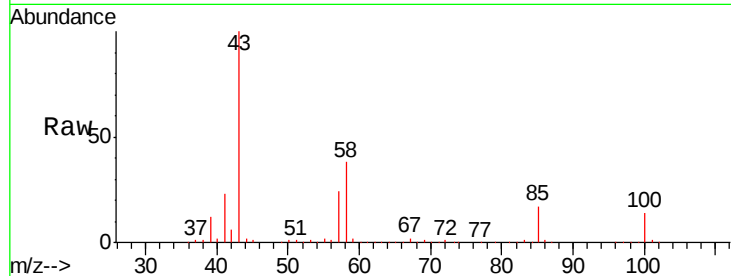
#51
4-Methyl-2-Pentanone
Concen: 102.53 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion: 43 Resp: 431299
Ion Ratio Lower Upper
43 100
58 37.8 33.1 49.7

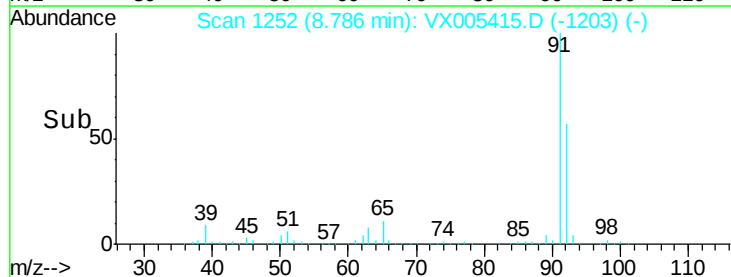
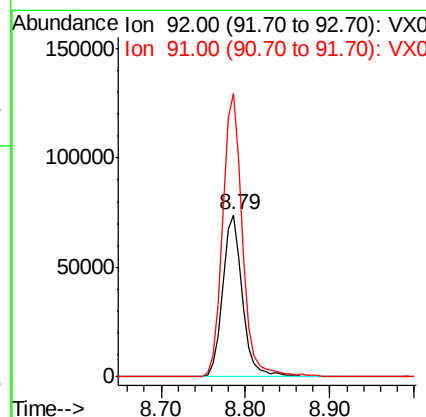
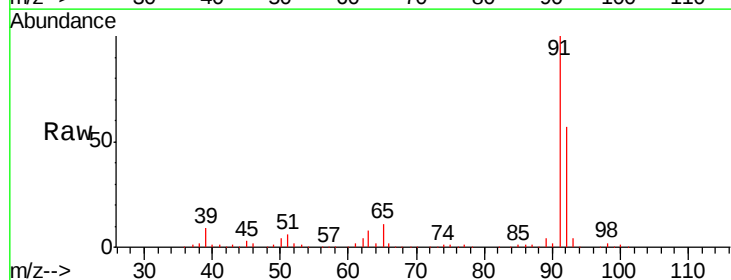
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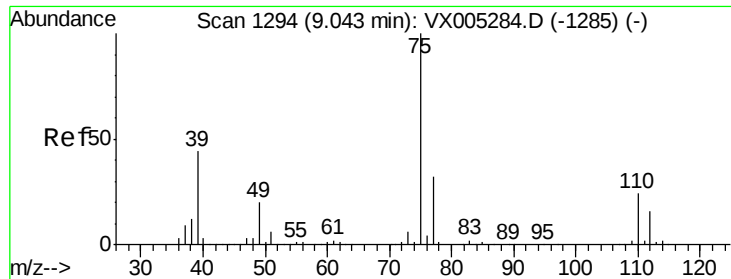
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#52
Toluene
Concen: 20.74 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion: 92 Resp: 120706
Ion Ratio Lower Upper
92 100
91 175.4 136.4 204.6





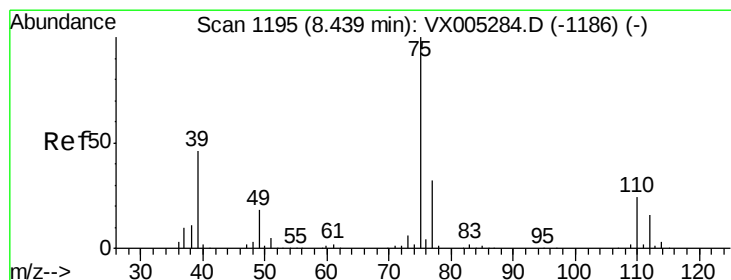
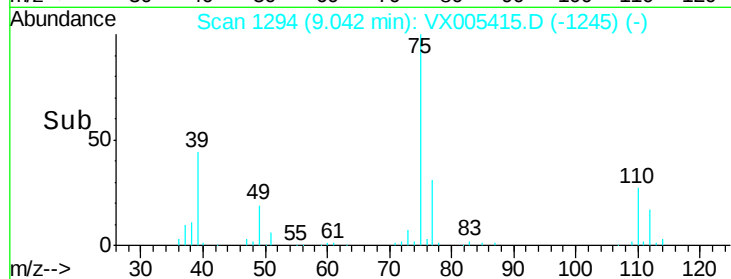
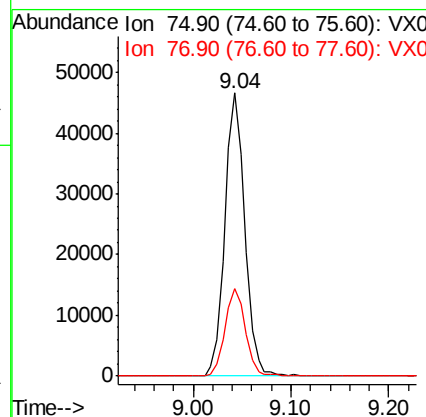
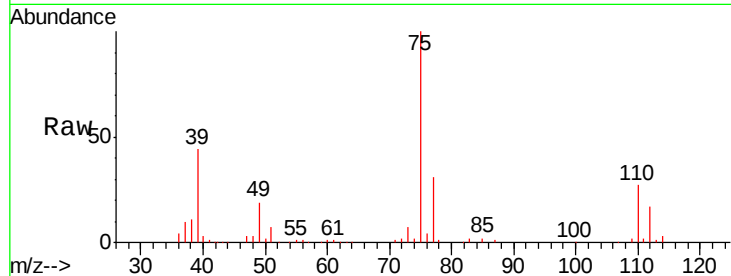
#53
t-1,3-Dichloropropene
Concen: 19.15 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion: 75 Resp: 66012
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0

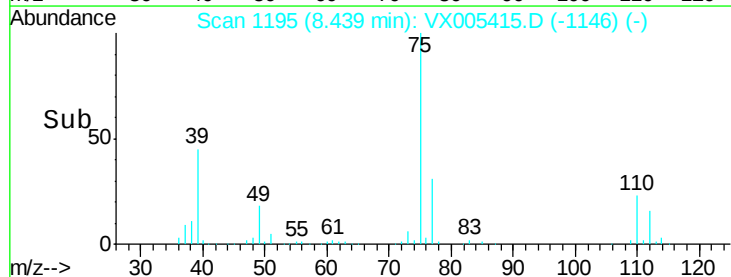
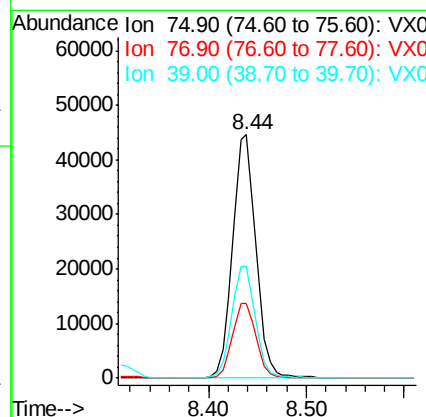
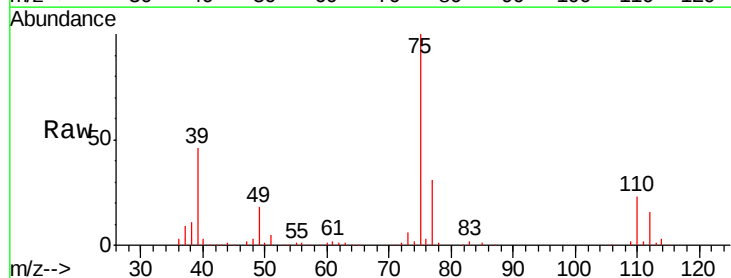
Manual Integrations
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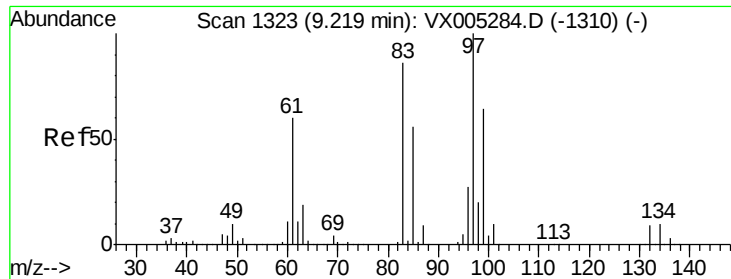
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#54
cis-1,3-Dichloropropene
Concen: 19.78 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion: 75 Resp: 73889
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2
39 45.5 36.4 54.6





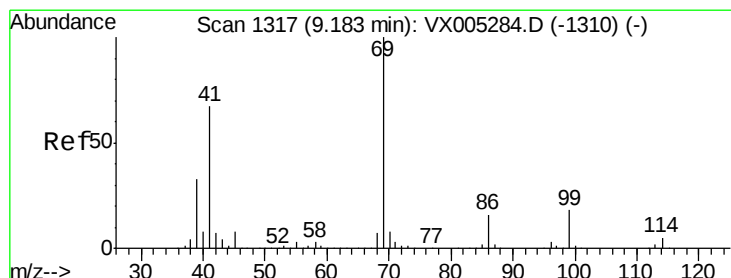
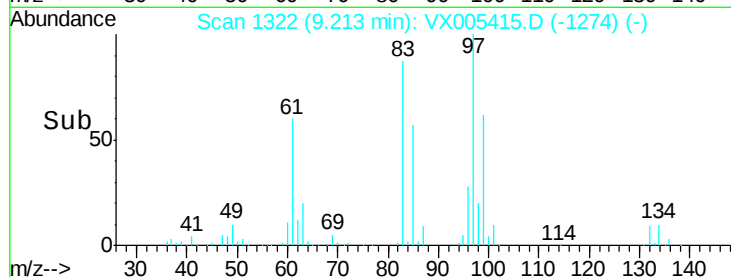
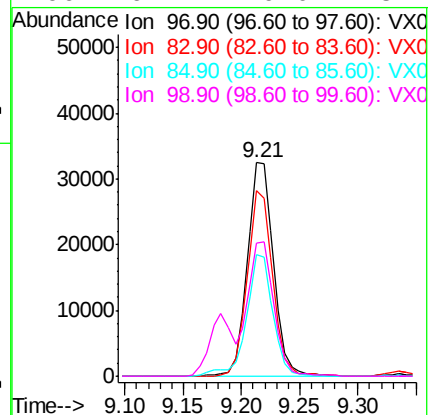
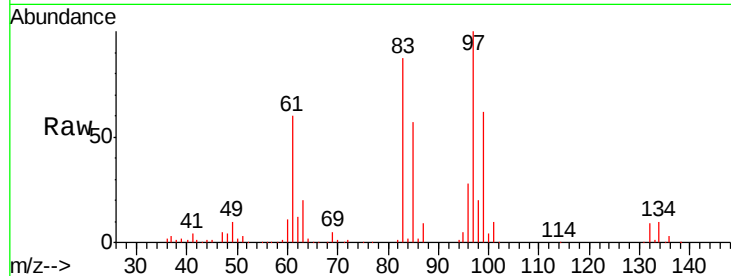
#55
 1,1,2-Trichloroethane
 Concen: 20.68 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.4	99.6
85	56.8	43.3	64.9
99	62.4	49.0	73.4

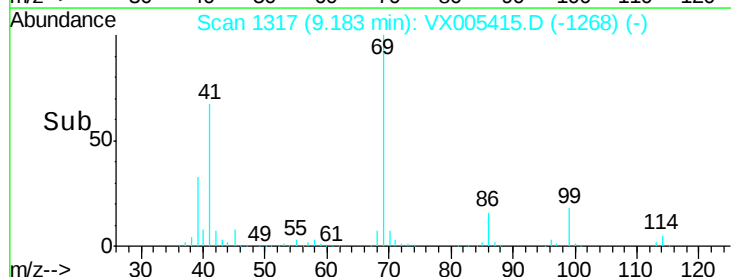
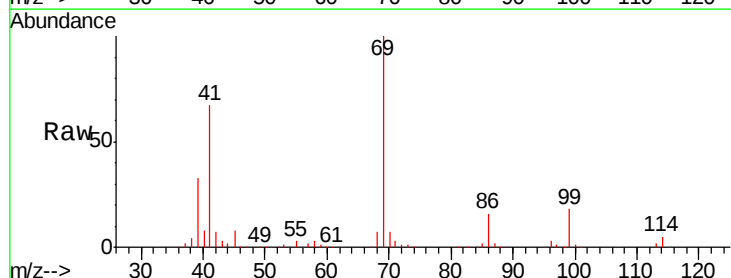
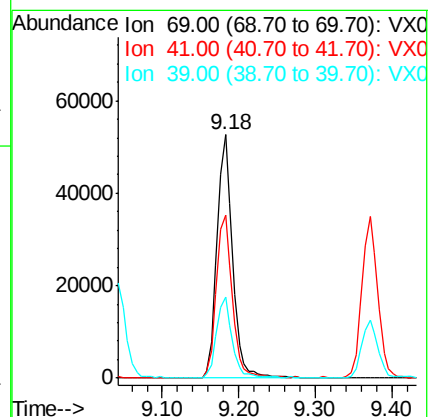
Manual Integrations
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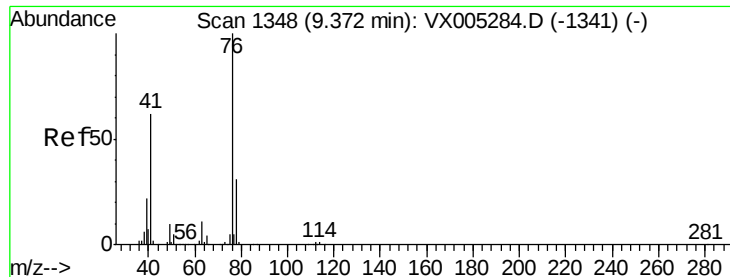
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#56
 Ethyl methacrylate
 Concen: 20.84 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	51.0	76.4
39	33.5	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.53 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD02

Tgt Ion: 76 Resp: 84484

Ion Ratio Lower Upper

76 100

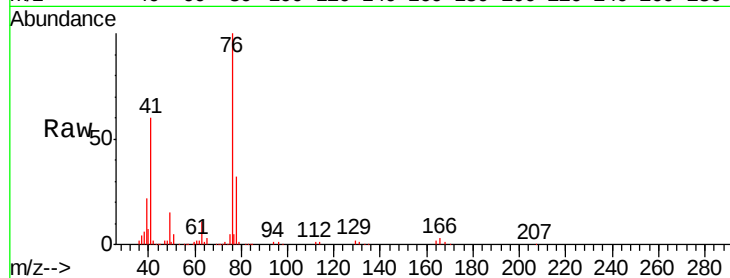
78 32.2 25.5 38.3

Manual Integrations

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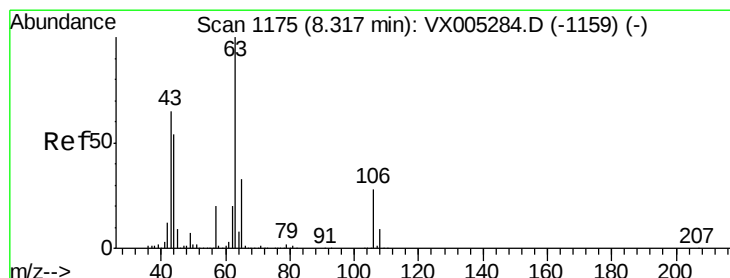
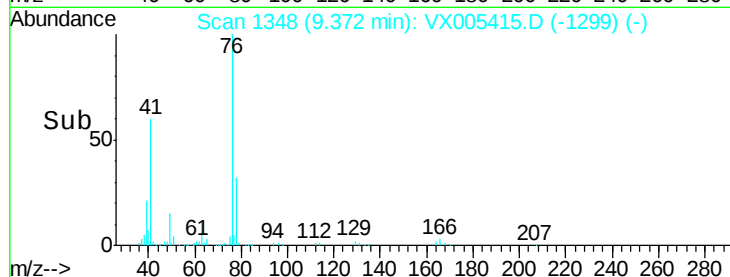
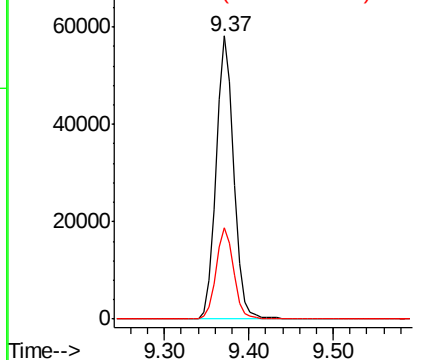
MMDadoda

10/19/2018 12:24:18 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.93 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005415.D

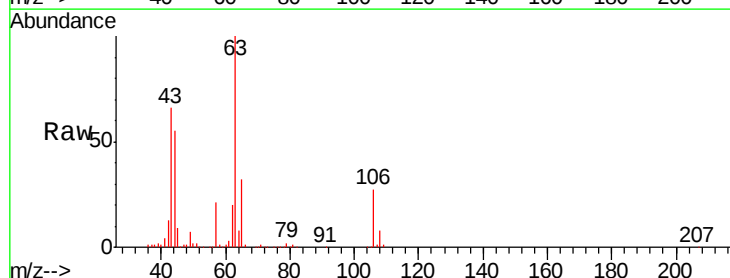
Acq: 18 Oct 2018 02:53

Tgt Ion: 63 Resp: 207439

Ion Ratio Lower Upper

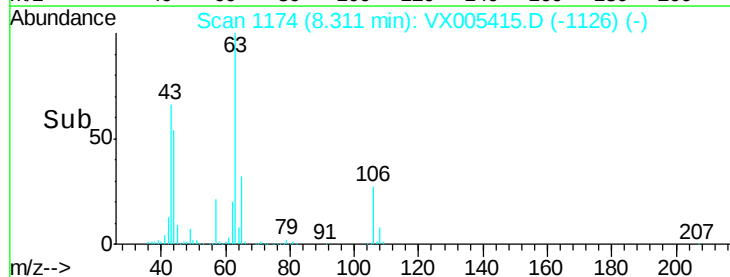
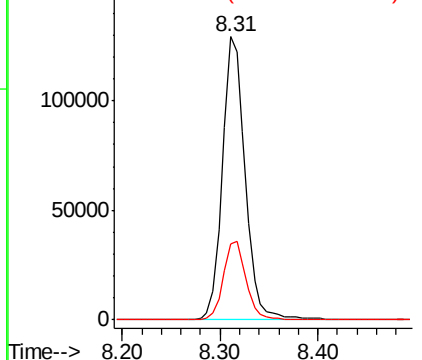
63 100

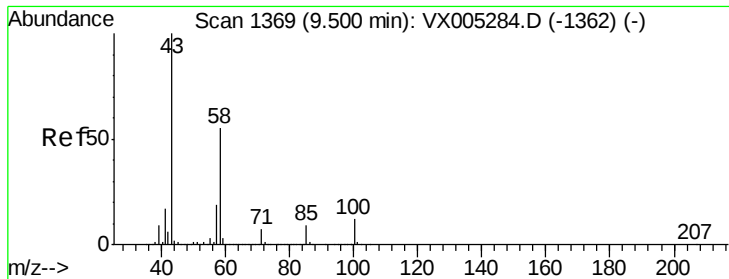
106 28.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





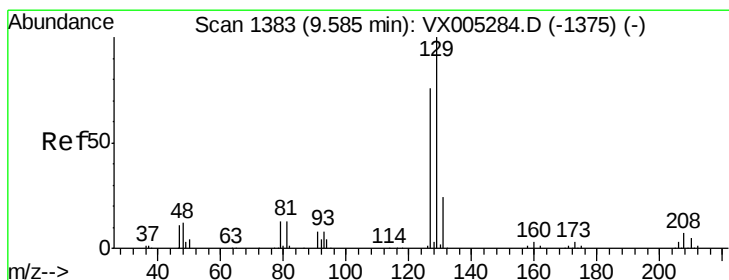
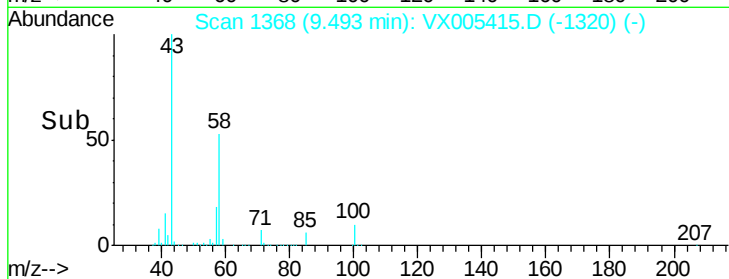
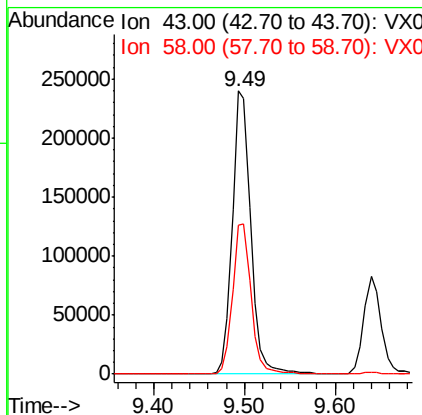
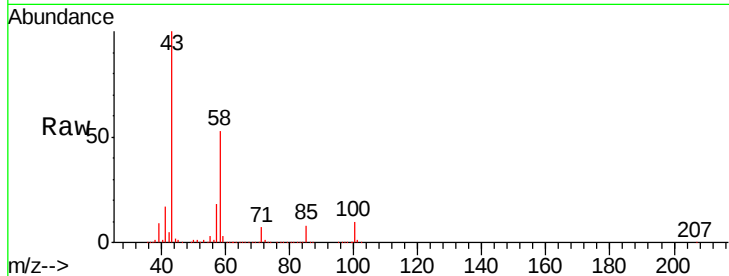
#59
2-Hexanone
Concen: 100.10 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion: 43 Resp: 338697
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0

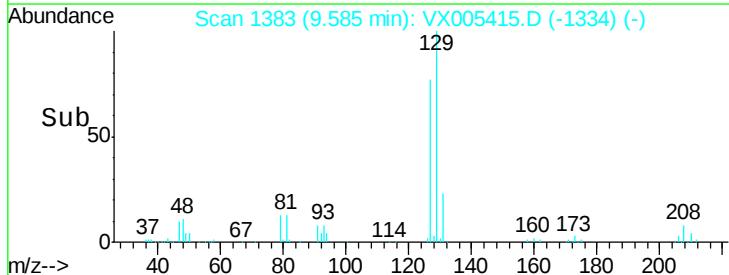
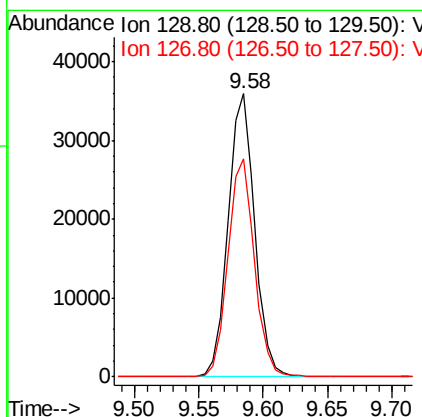
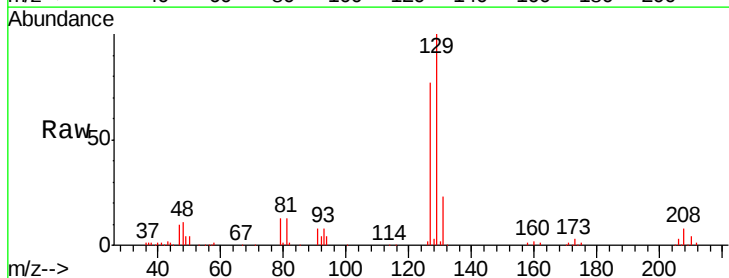
Manual Integrations
APPROVED

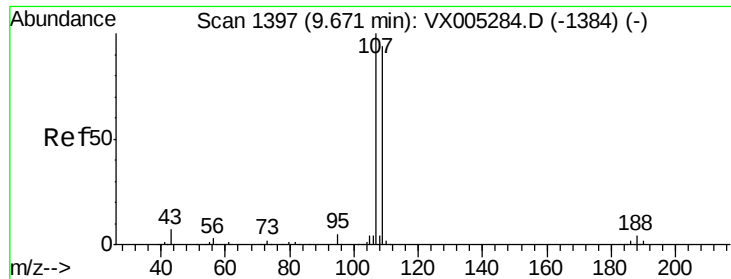
MMDadoda
10/19/2018 12:24:18 PM



#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion: 129 Resp: 51948
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.34 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD02

Tgt Ion: 107 Resp: 52624

Ion Ratio Lower Upper

107 100

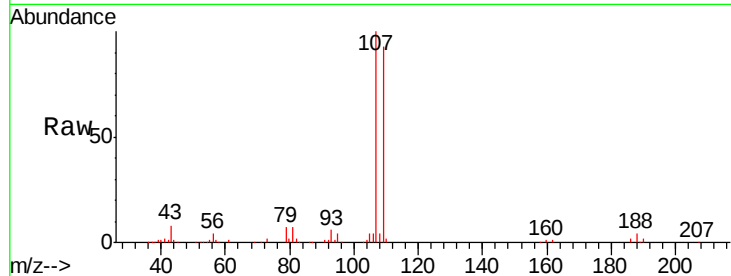
109 93.9 76.0 114.0

Manual Integrations

APPROVED

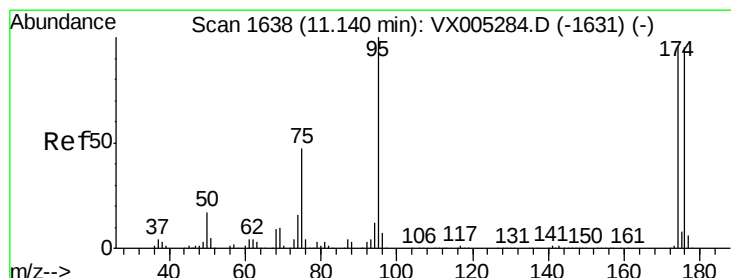
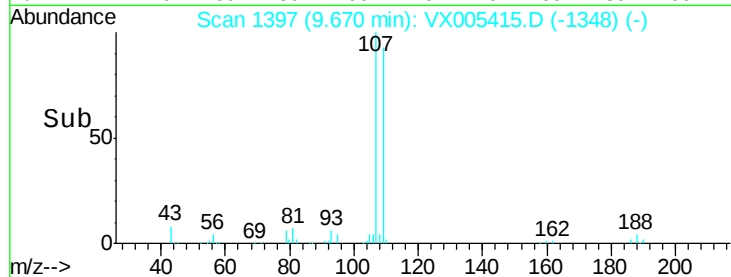
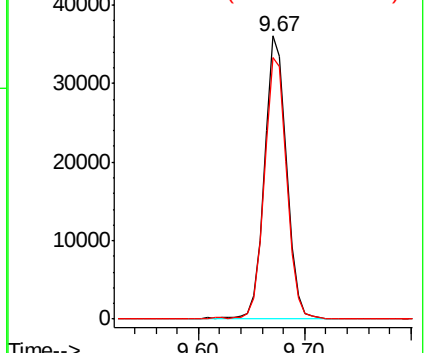
MMDadoda

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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: 53.04 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

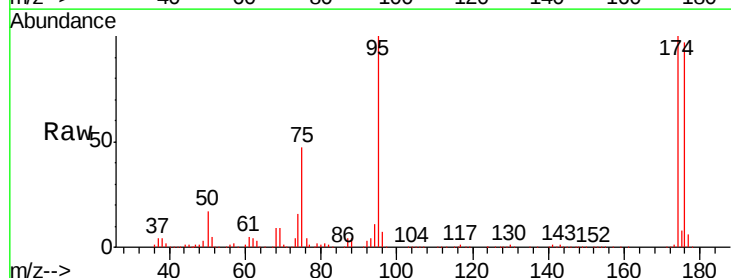
Tgt Ion: 95 Resp: 165899

Ion Ratio Lower Upper

95 100

174 93.5 0.0 185.2

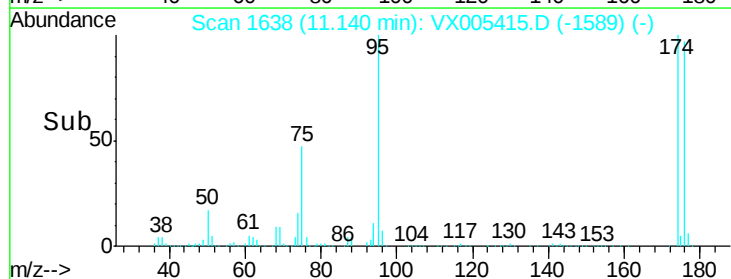
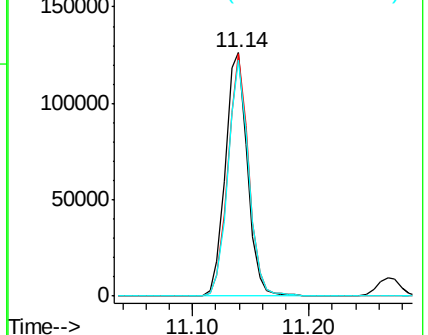
176 91.4 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





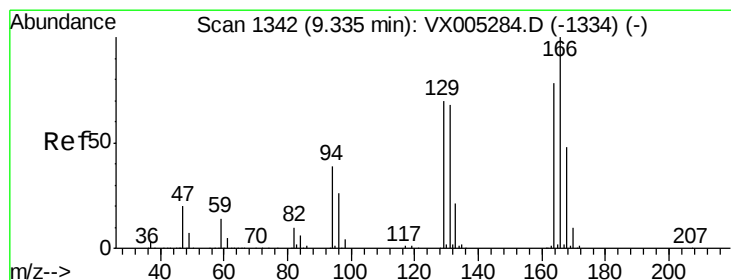
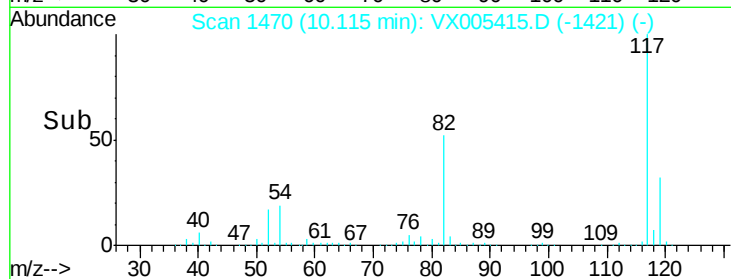
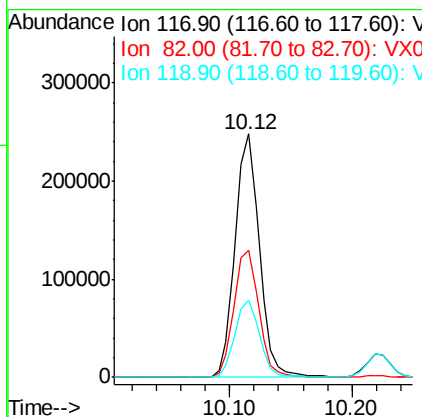
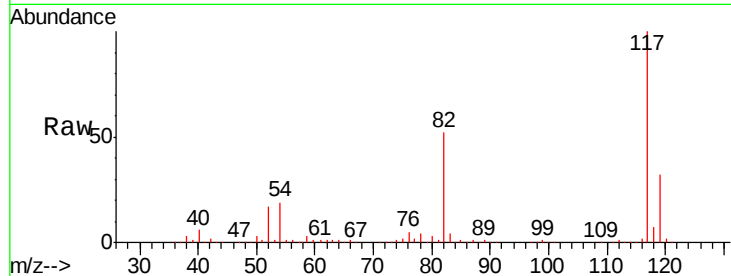
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	341417		
82	52.1	47.8	71.6	
119	31.6	29.3	43.9	

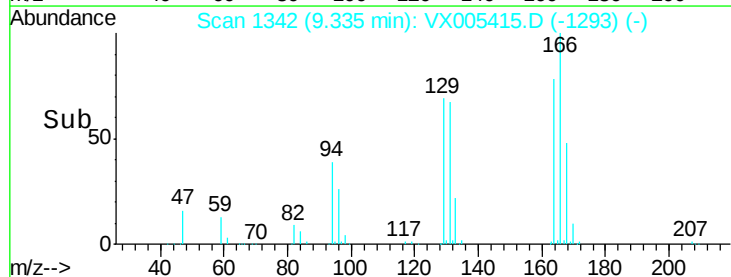
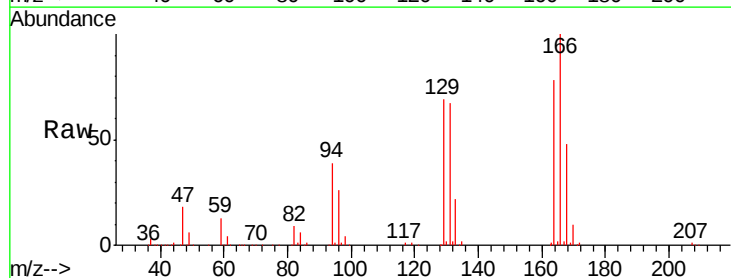
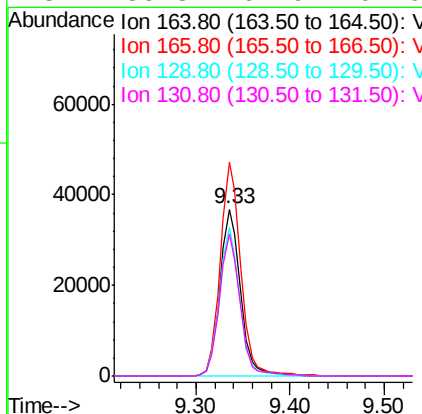
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#64
Tetrachloroethene
Concen: 20.30 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55783		
166	128.2	102.8	154.2	
129	88.9	69.4	104.0	
131	85.3	67.9	101.9	





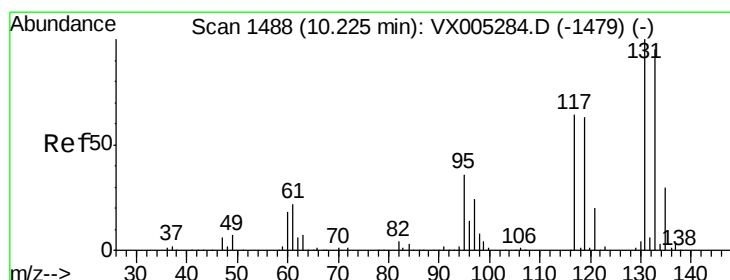
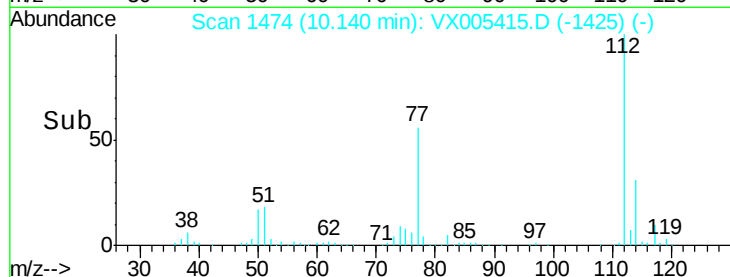
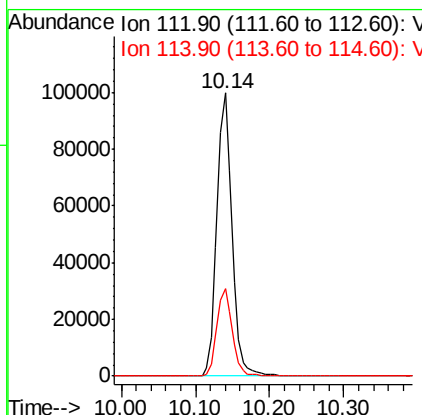
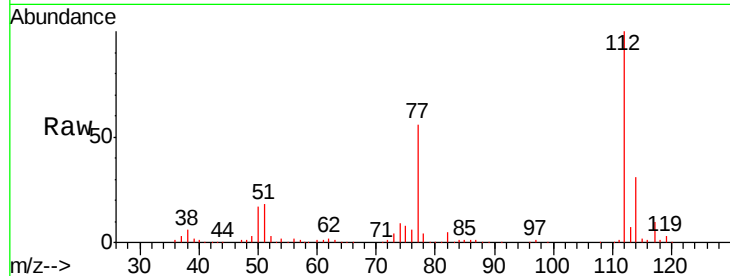
#65
Chlorobenzene
Concen: 19.26 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion:112 Resp: 139904
Ion Ratio Lower Upper
112 100
114 30.9 27.8 41.8

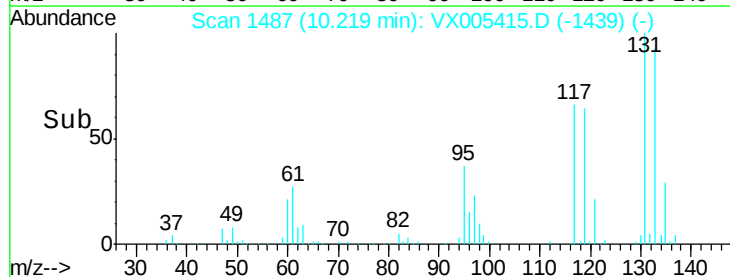
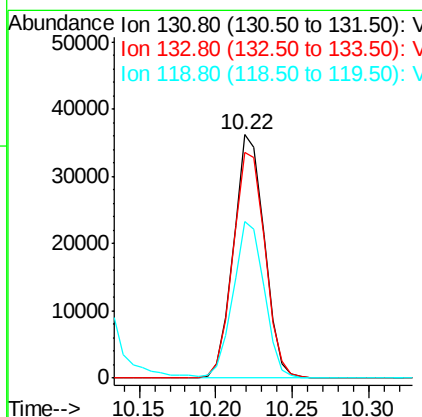
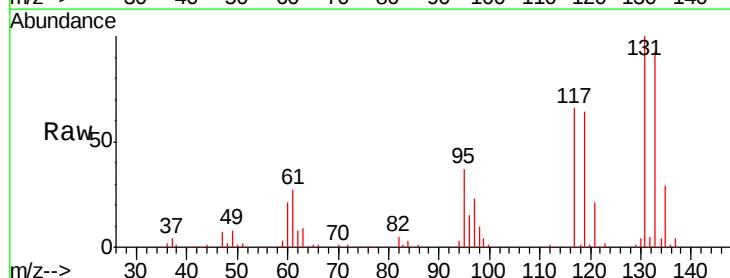
Manual Integrations
APPROVED

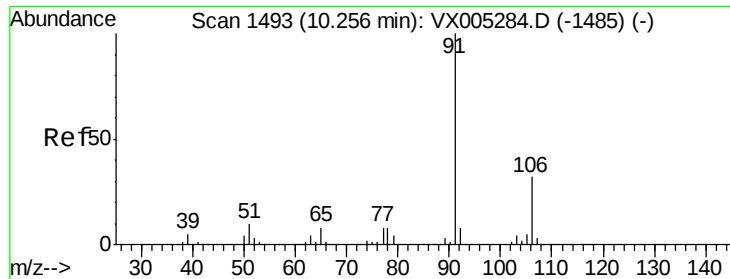
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.49 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion:131 Resp: 50441
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.4
119 65.2 32.9 98.6





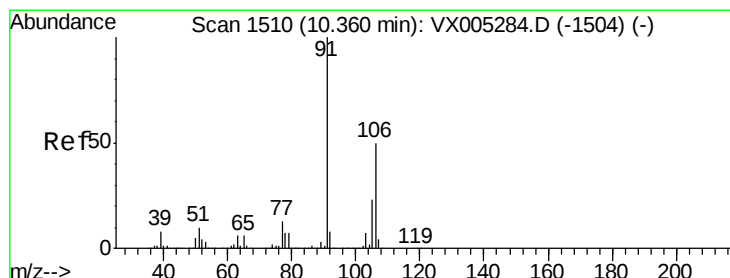
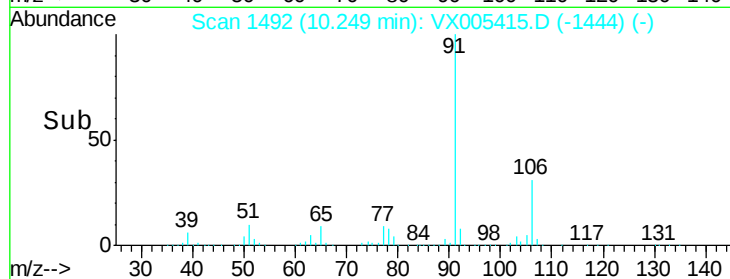
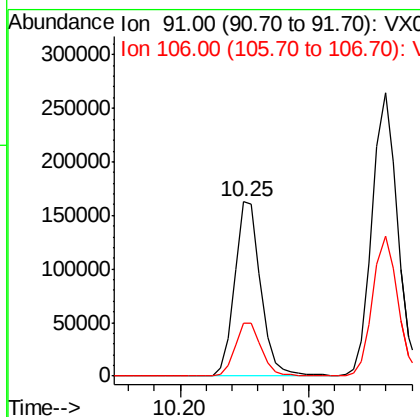
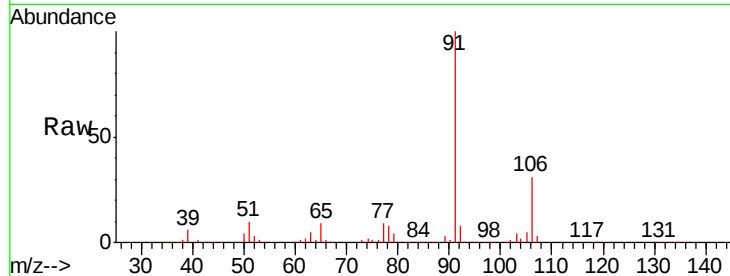
#67
Ethyl Benzene
Concen: 19.48 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion: 91 Resp: 229984
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9

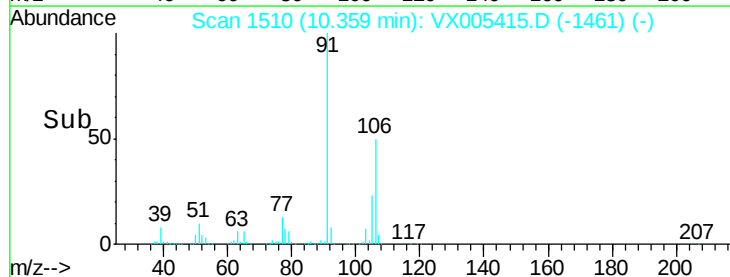
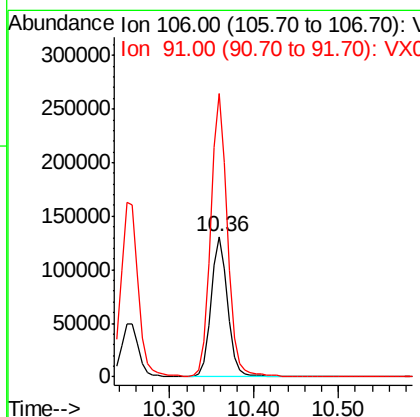
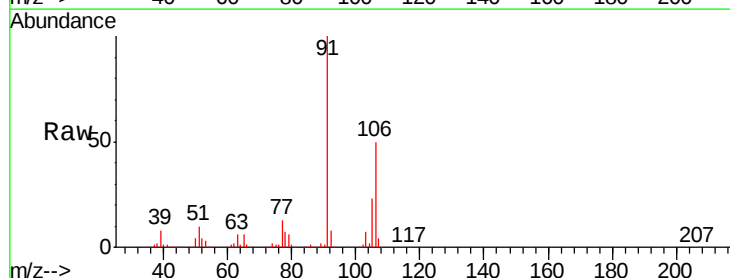
Manual Integrations
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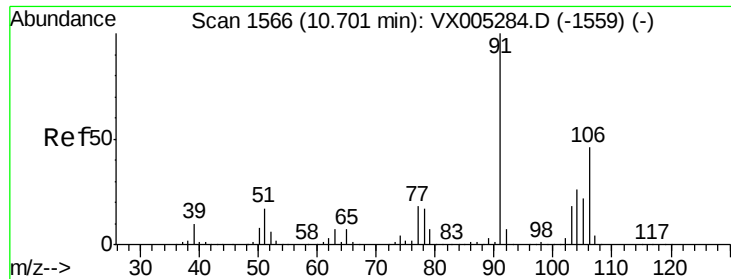
MMDadoda
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#68
m/p-Xylenes
Concen: 39.24 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion: 106 Resp: 179802
Ion Ratio Lower Upper
106 100
91 202.7 157.1 235.7





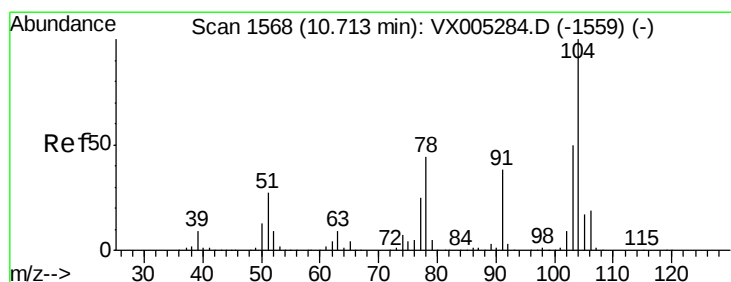
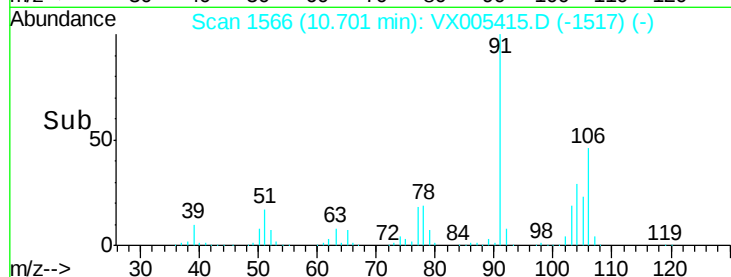
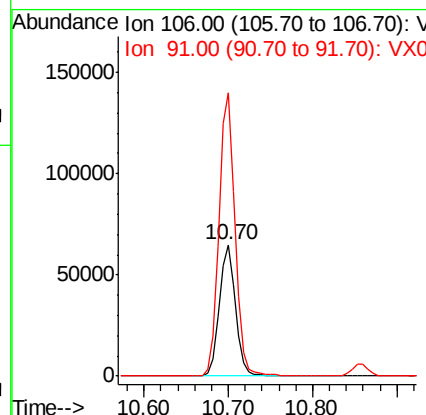
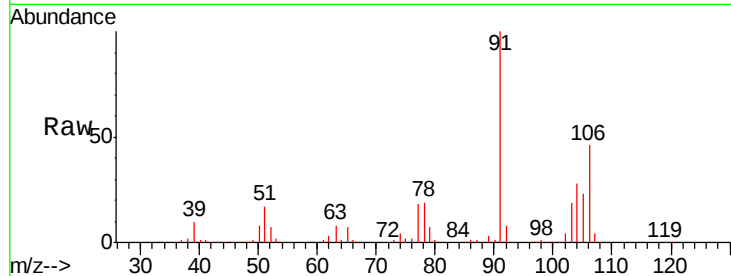
#69
o-Xylene
Concen: 19.65 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion:106 Resp: 86861
Ion Ratio Lower Upper
106 100
91 214.1 105.1 315.1

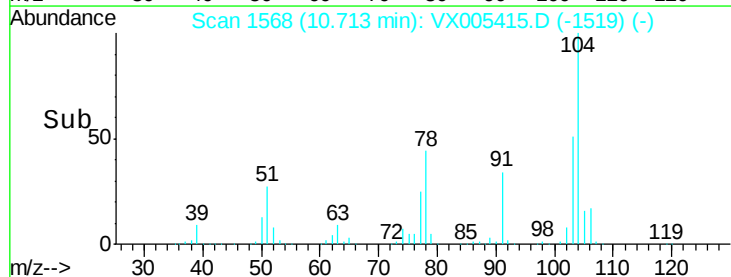
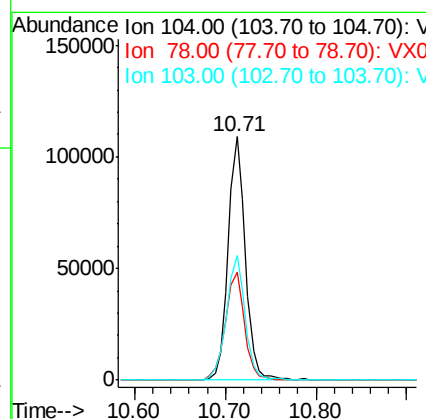
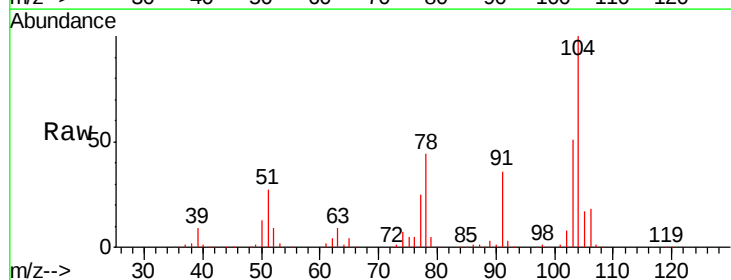
Manual Integrations
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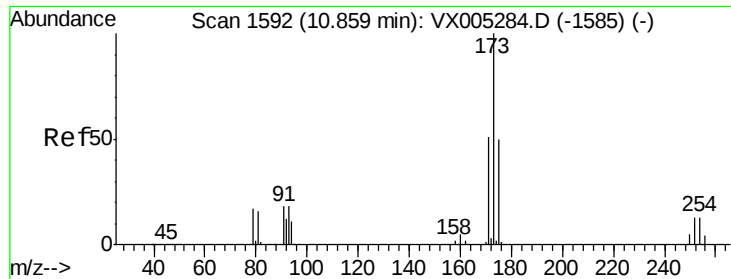
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#70
Styrene
Concen: 19.87 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion:104 Resp: 144416
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.9 43.8 65.6





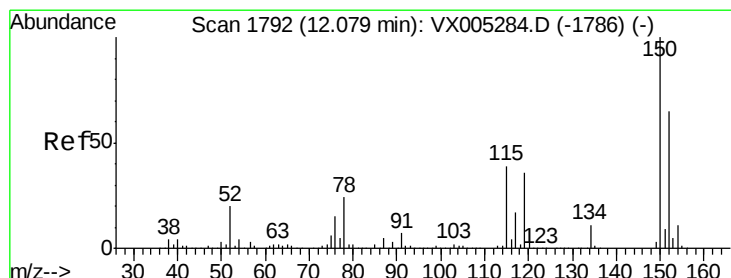
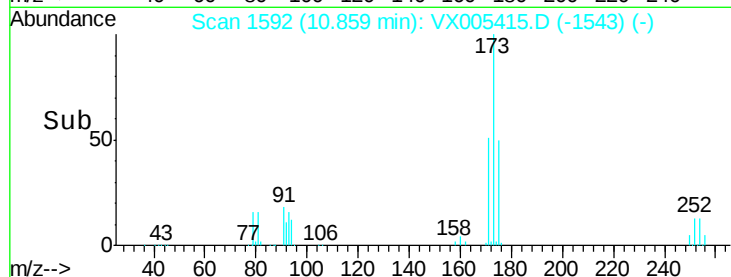
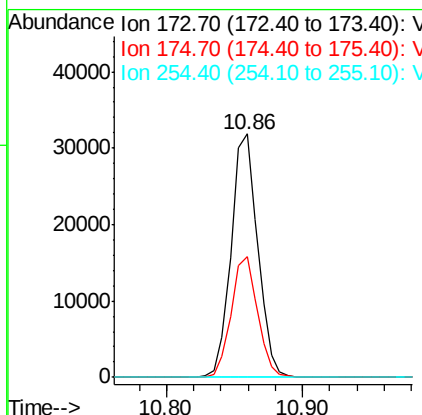
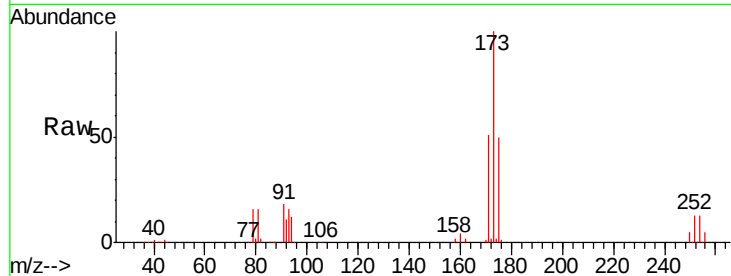
#71
Bromoform
Concen: 18.72 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion:173 Resp: 43303
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.3
254 0.2 0.2 0.2

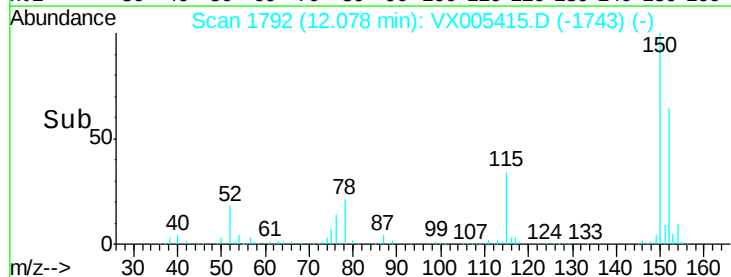
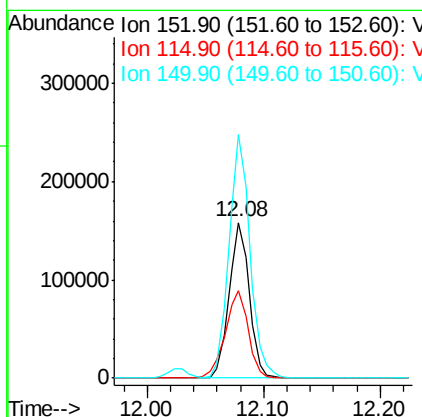
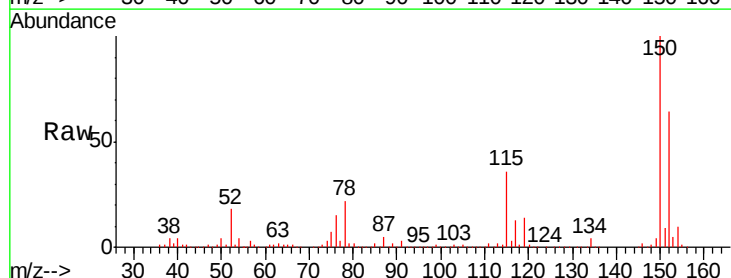
Manual Integrations
APPROVED

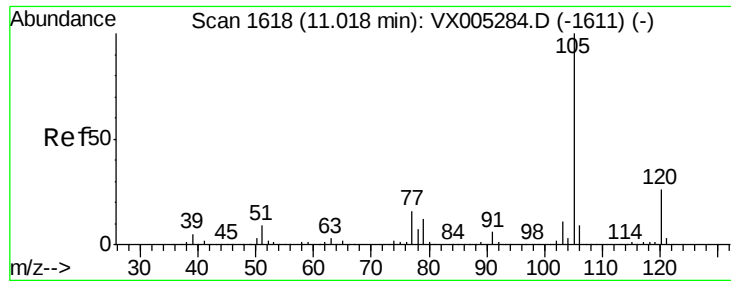
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion:152 Resp: 190155
Ion Ratio Lower Upper
152 100
115 63.4 39.0 117.0
150 163.0 0.0 351.0





#73

Isopropylbenzene

Concen: 20.97 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD02

Tgt Ion: 105 Resp: 237096

Ion Ratio Lower Upper

105 100

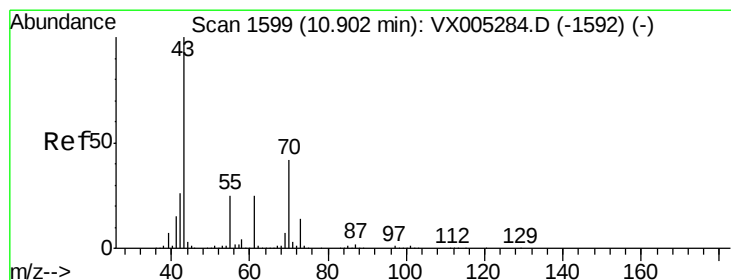
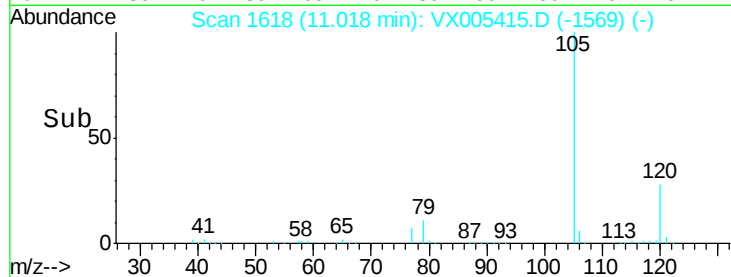
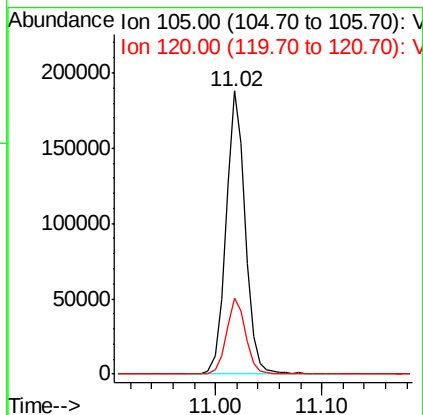
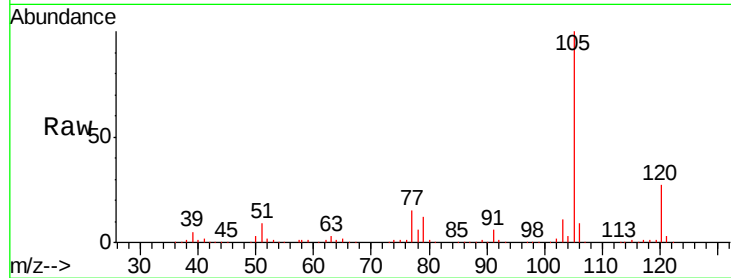
120 26.8 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.82 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion: 43 Resp: 108066

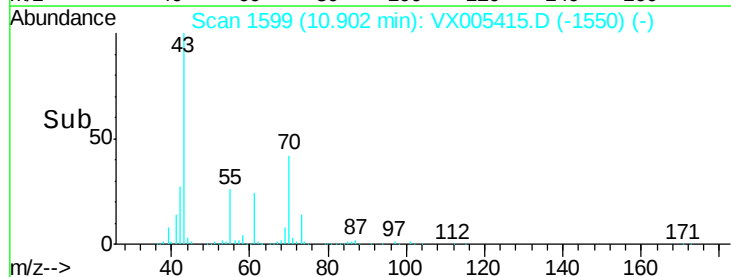
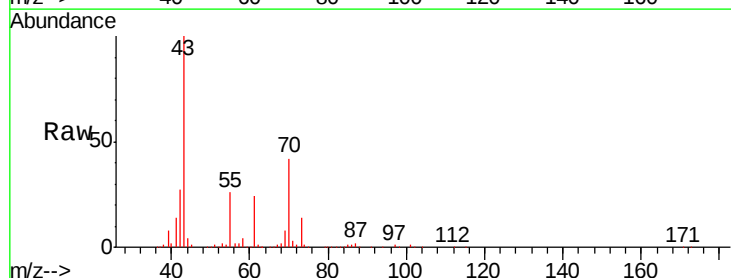
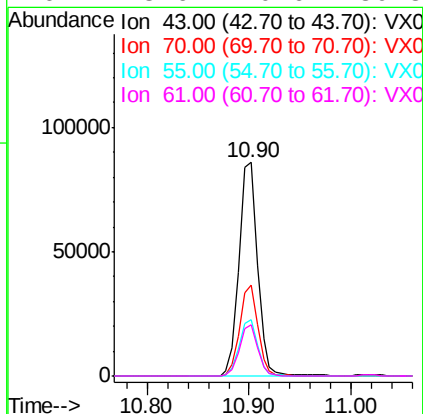
Ion Ratio Lower Upper

43 100

70 41.5 37.4 56.0

55 26.2 21.8 32.8

61 23.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.51 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

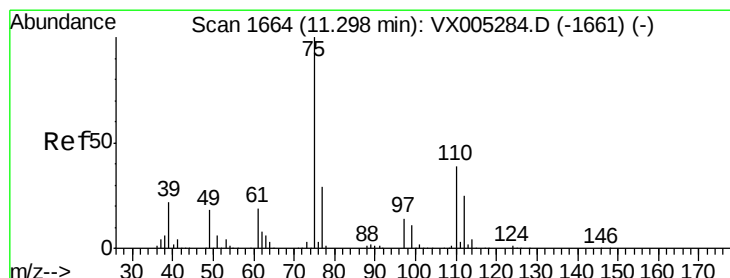
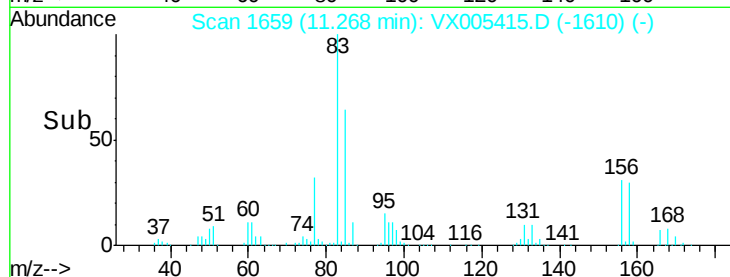
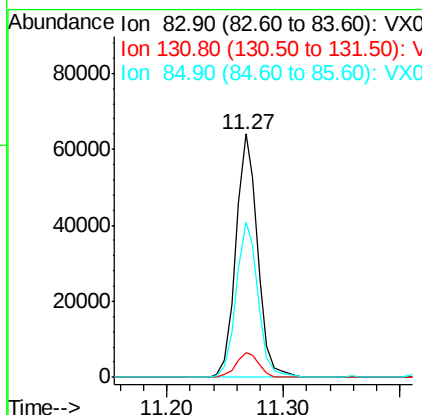
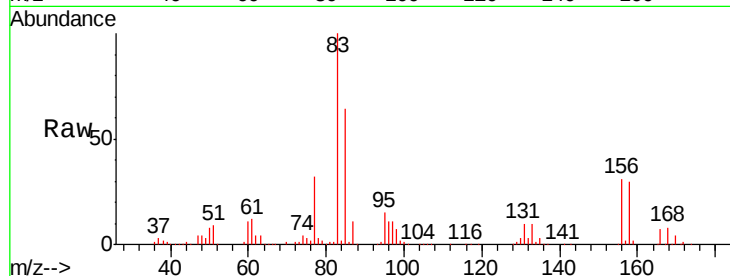
ClientSampleId :

VX1017WBSD02

Tgt Ion:	83	Resp:	83216
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.2	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.71 ug/l m

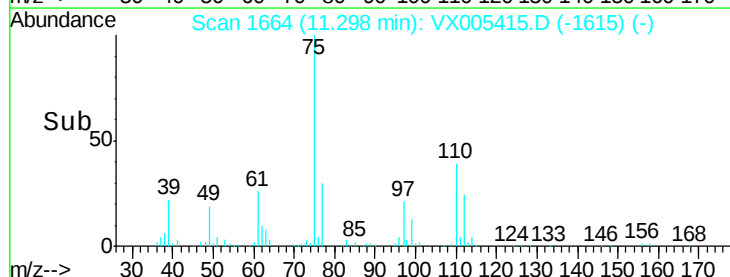
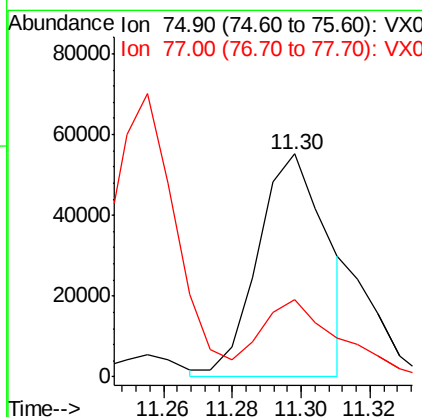
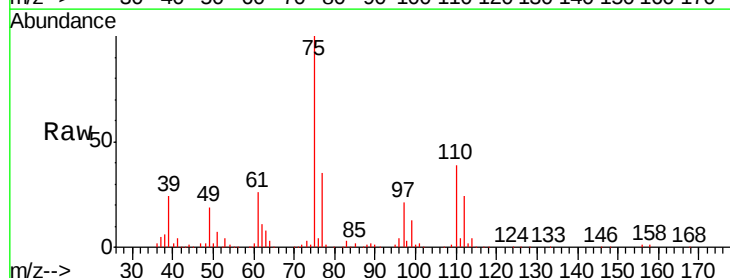
RT: 11.30 min Scan# 1664

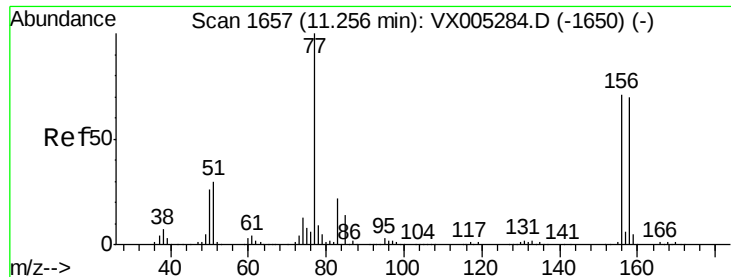
Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion:	75	Resp:	76377
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.2	60.6





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

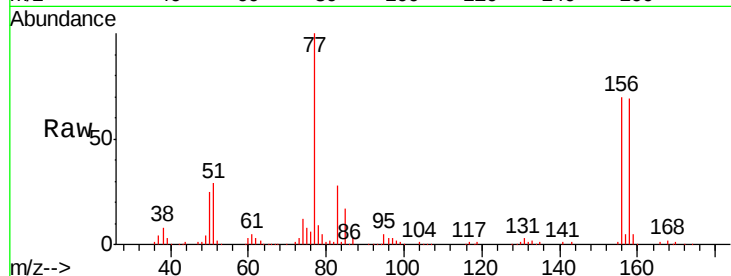
ClientSampleId :

VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	141.0	71.5	214.3
158	98.0	48.9	146.8

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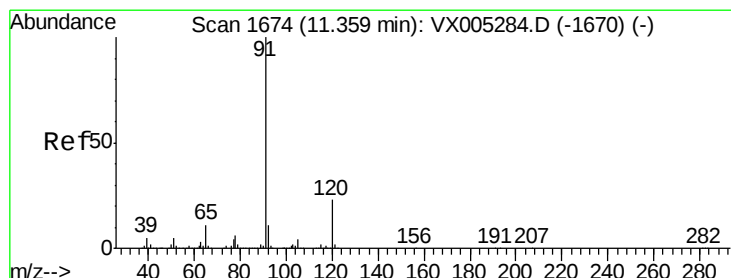
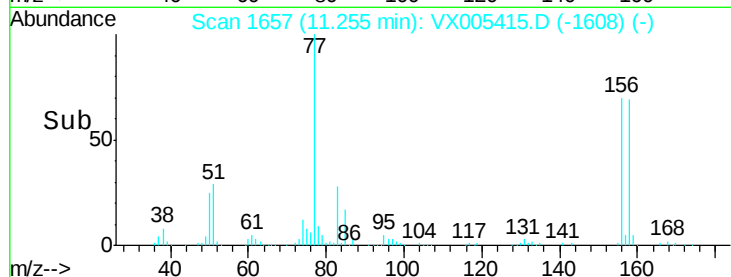
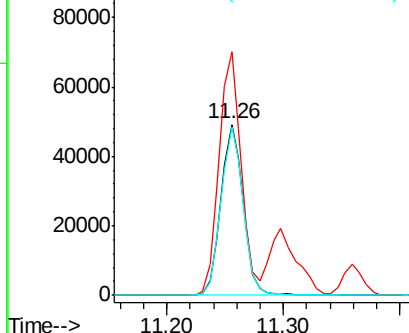
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.81 ug/l

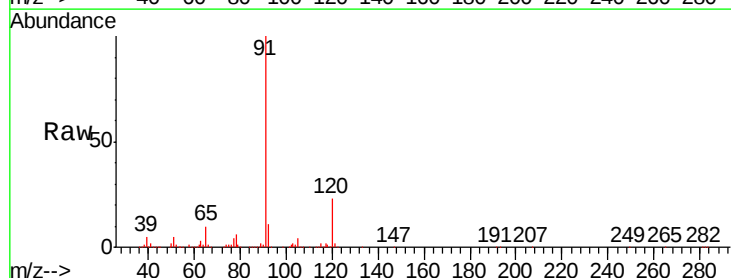
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005415.D

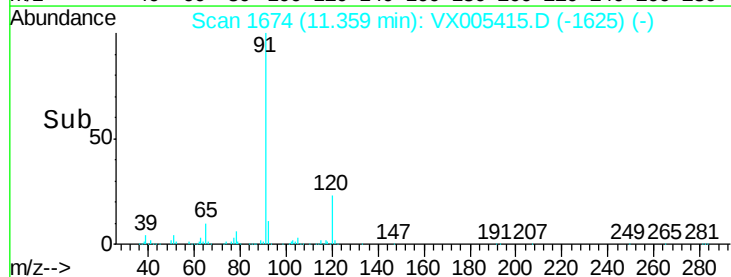
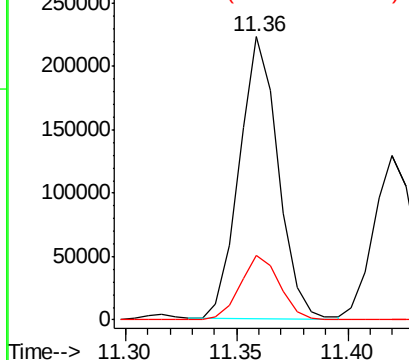
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





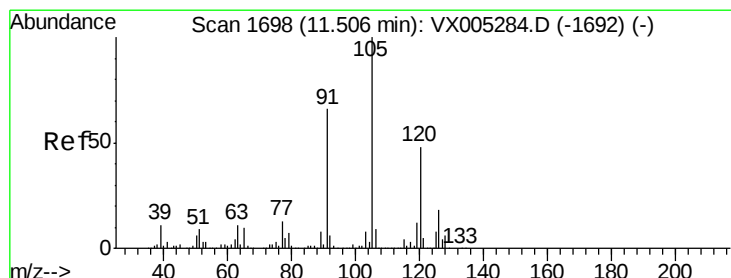
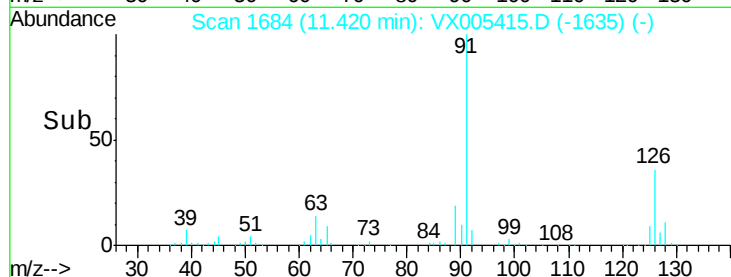
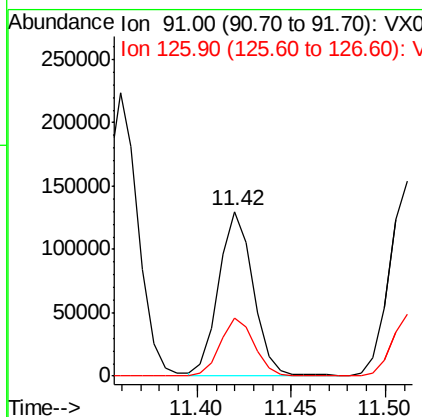
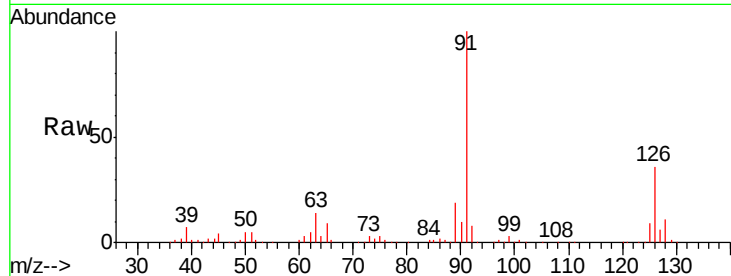
#79
2-Chlorotoluene
Concen: 20.48 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion: 91 Resp: 163179
Ion Ratio Lower Upper
91 100
126 35.4 17.9 53.7

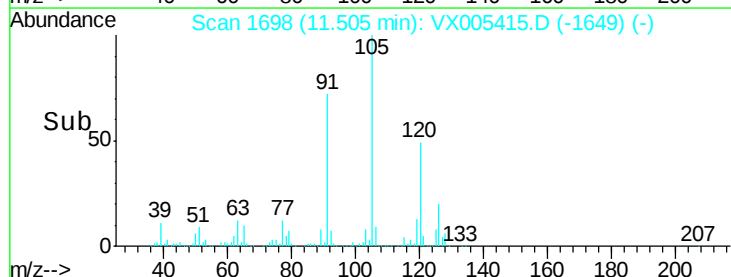
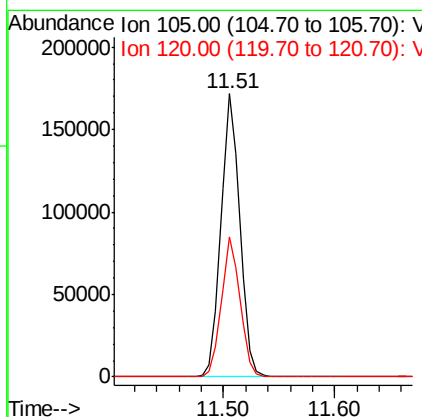
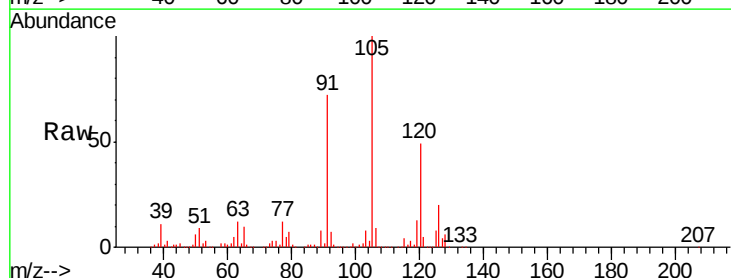
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#80
1,3,5-Trimethylbenzene
Concen: 20.79 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion: 105 Resp: 201276
Ion Ratio Lower Upper
105 100
120 49.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.30 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Instrument :

MSVOA_X

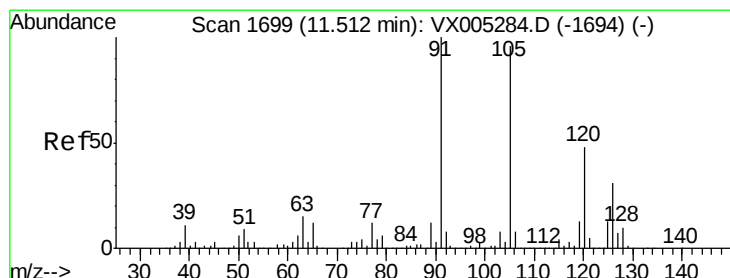
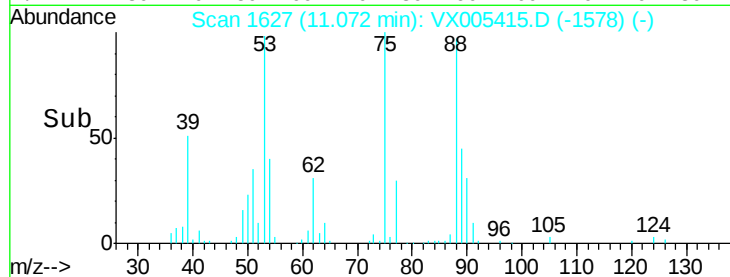
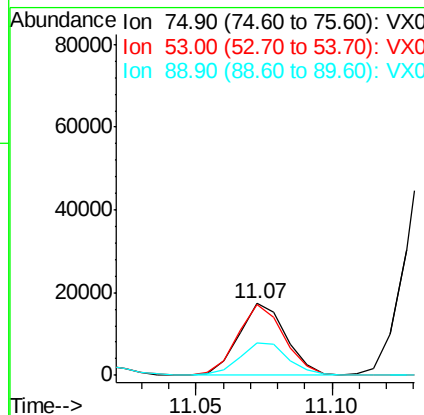
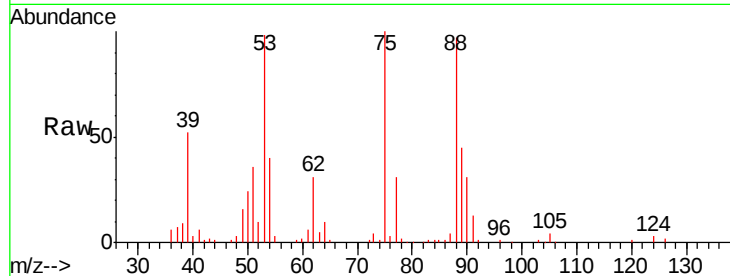
ClientSampleId :

VX1017WBSD02

Tgt Ion:	75	Resp:	21001
Ion	Ratio	Lower	Upper
75	100		
53	98.1	80.1	120.1
89	47.9	37.2	55.8

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#82

4-Chlorotoluene

Concen: 20.43 ug/l

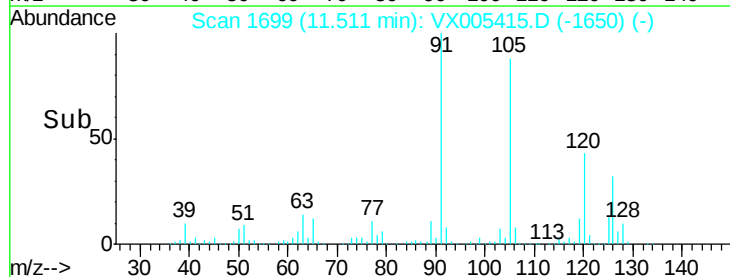
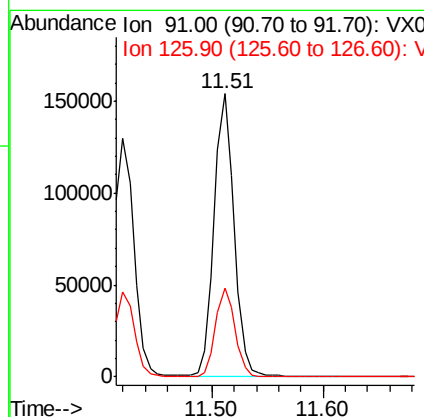
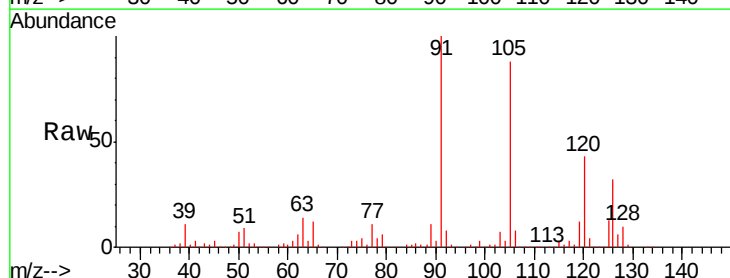
RT: 11.51 min Scan# 1699

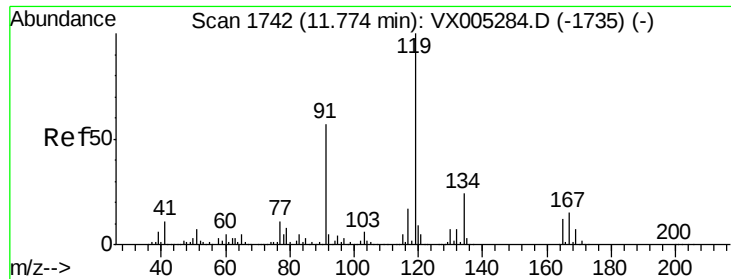
Delta R.T. -0.00 min

Lab File: VX005415.D

Acq: 18 Oct 2018 02:53

Tgt Ion:	91	Resp:	192909
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





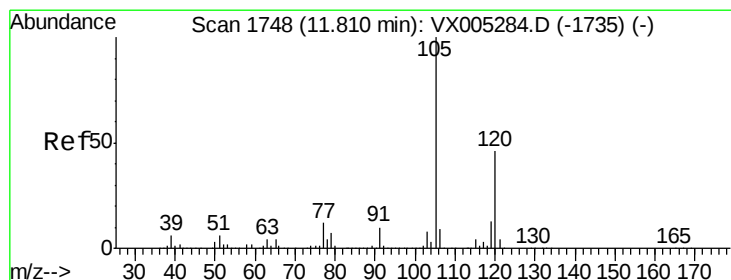
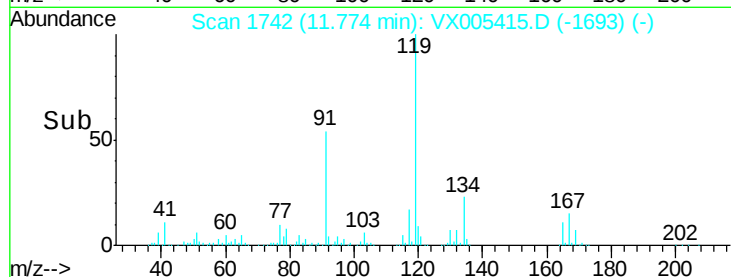
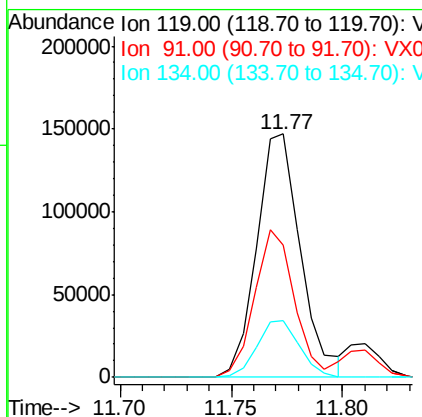
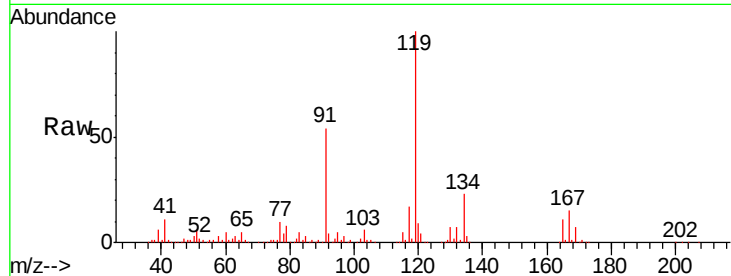
#83
 tert-Butylbenzene
 Concen: 20.54 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.0	81.0
134	22.8	11.7	35.1

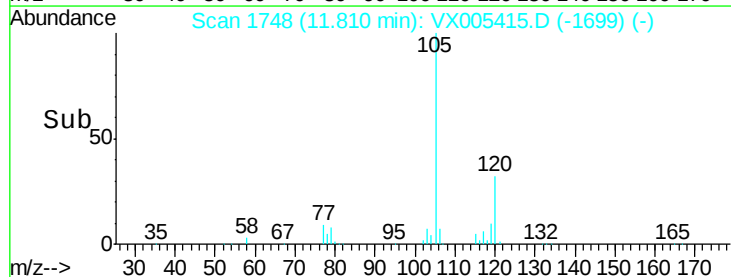
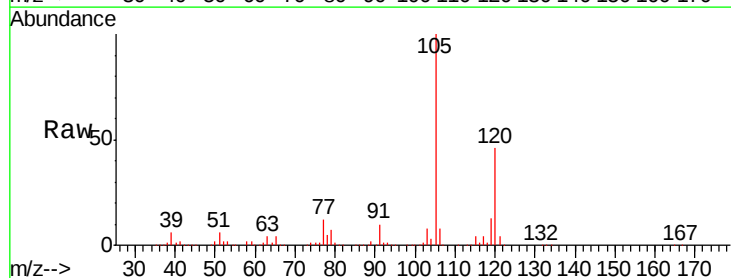
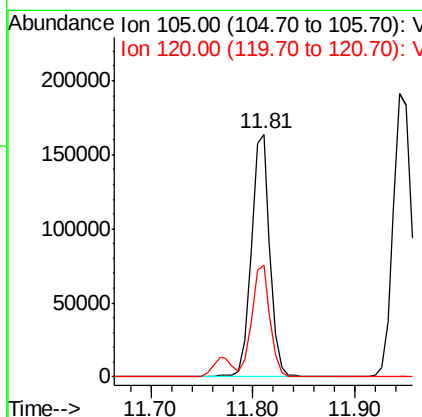
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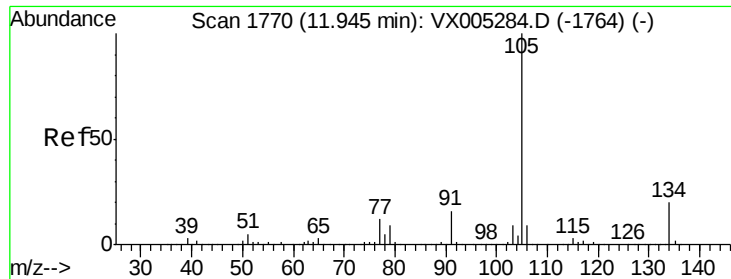
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.86 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.6





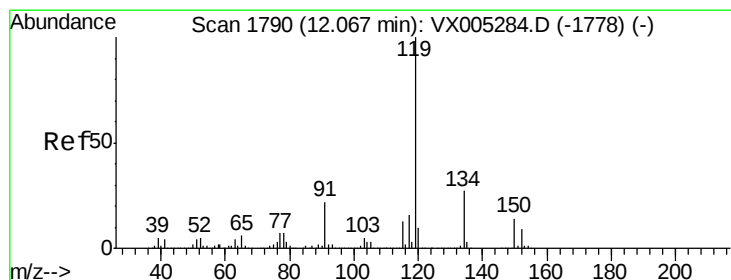
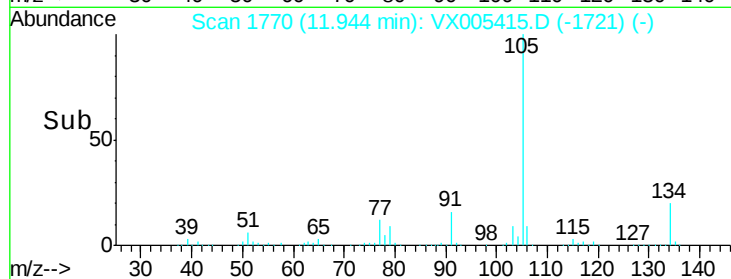
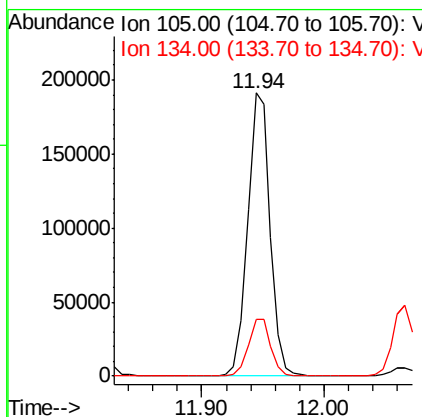
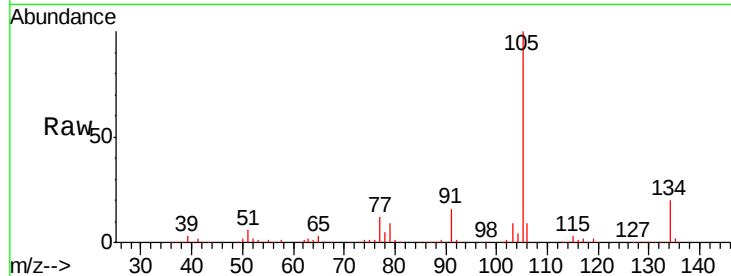
#85
 sec-Butylbenzene
 Concen: 20.92 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion:105 Resp: 242682
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5

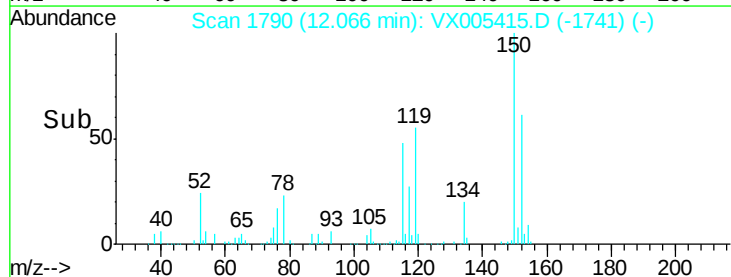
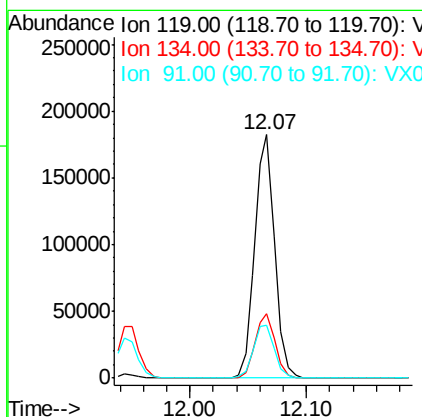
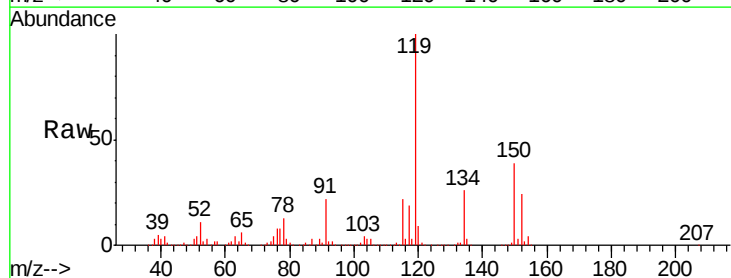
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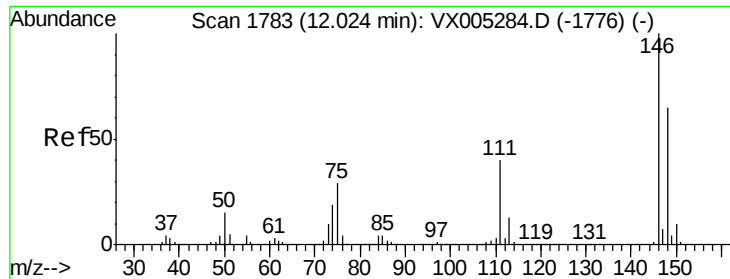
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#86
 p-Isopropyltoluene
 Concen: 20.72 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion:119 Resp: 217270
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 22.8 10.9 32.7





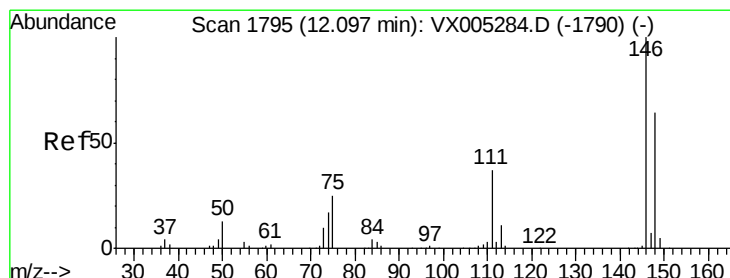
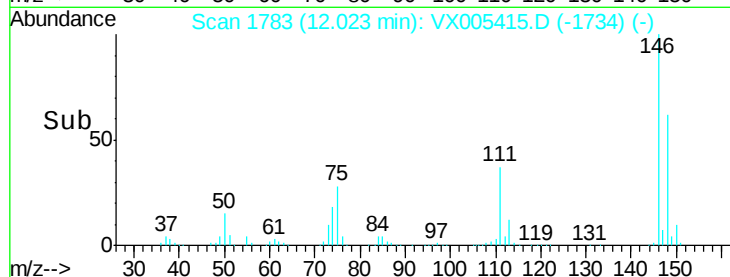
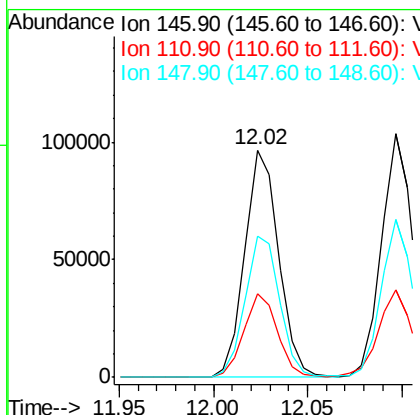
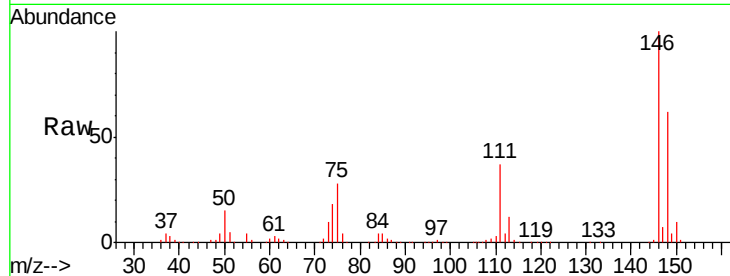
#87
 1,3-Dichlorobenzene
 Concen: 20.00 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	63.8	32.1	96.5

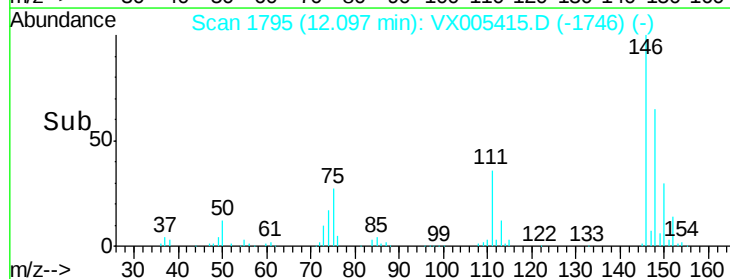
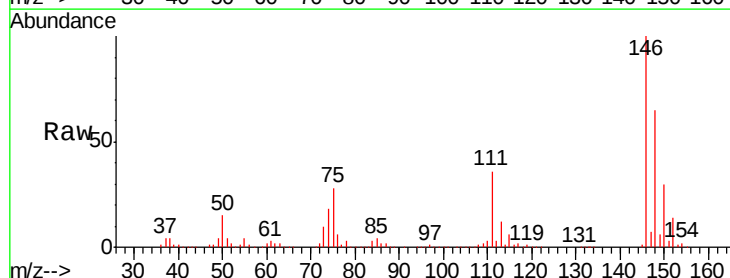
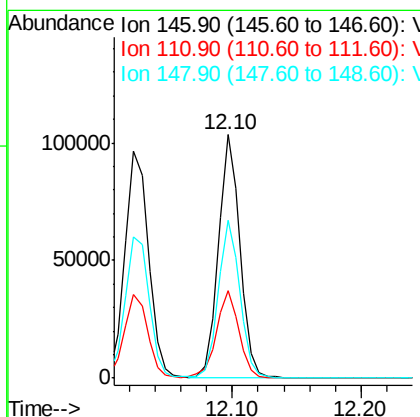
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#88
 1,4-Dichlorobenzene
 Concen: 19.81 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	65.4	32.0	96.0





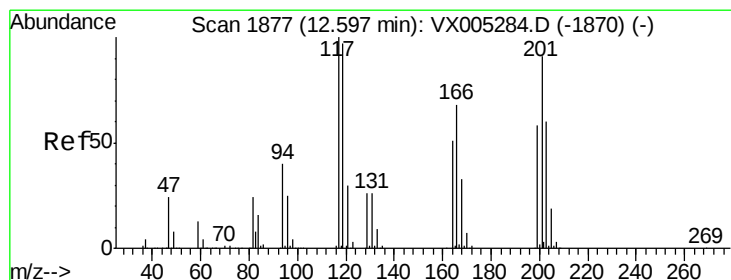
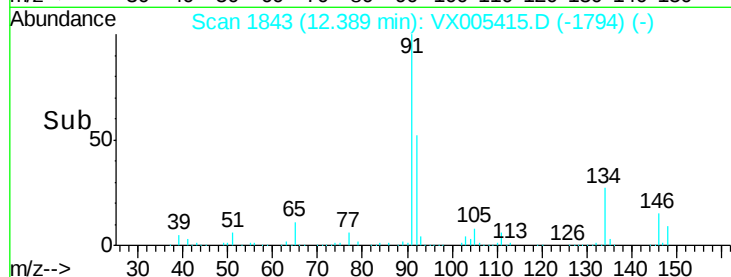
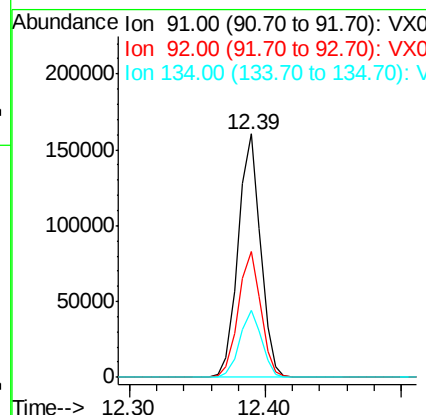
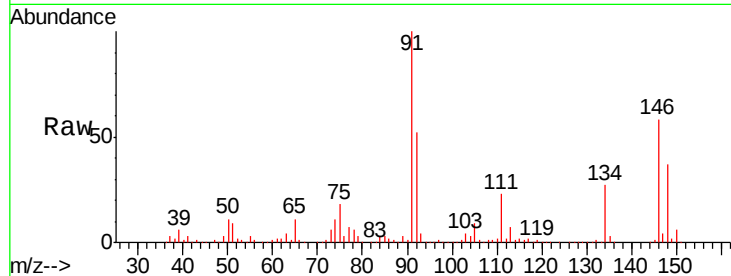
#89
n-Butylbenzene
Concen: 19.28 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	27.3	81.9
134	26.9	13.6	40.7

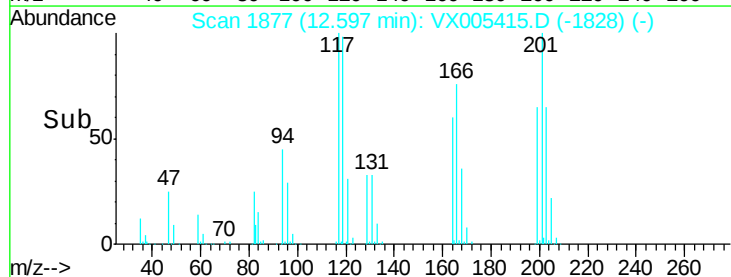
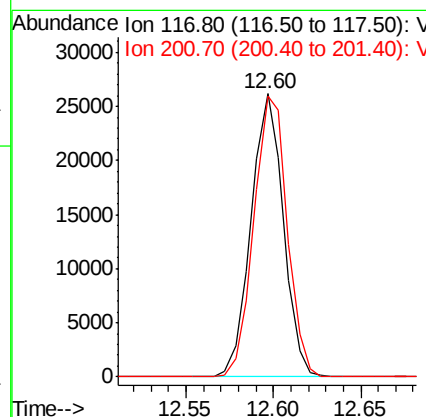
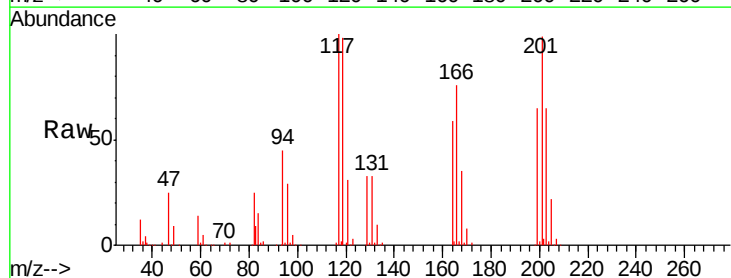
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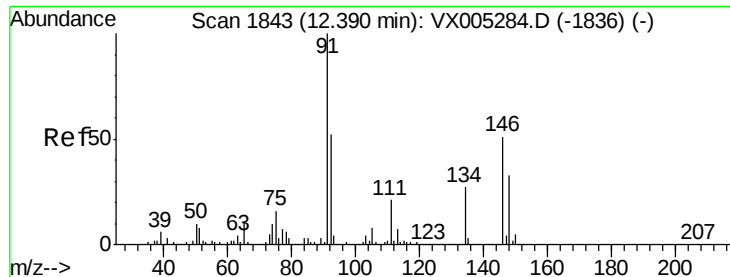
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#90
Hexachloroethane
Concen: 18.56 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.3	46.9	140.6





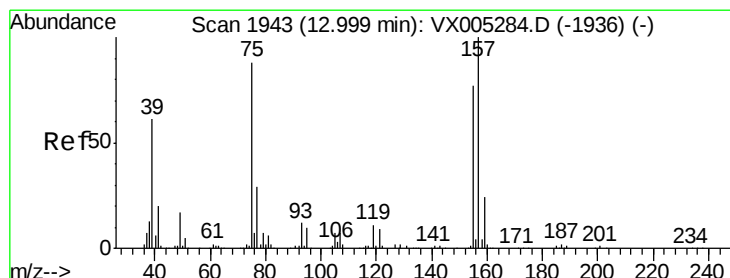
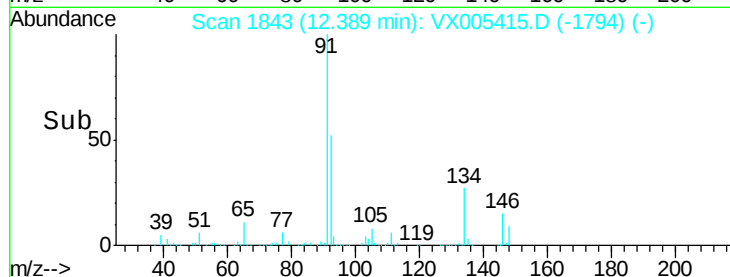
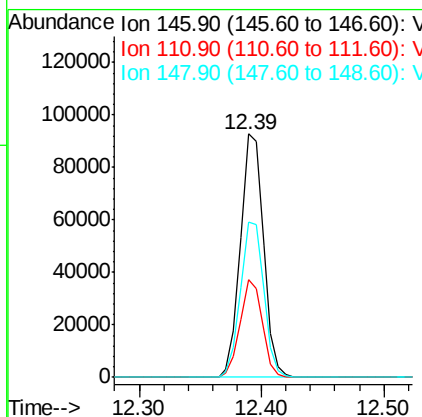
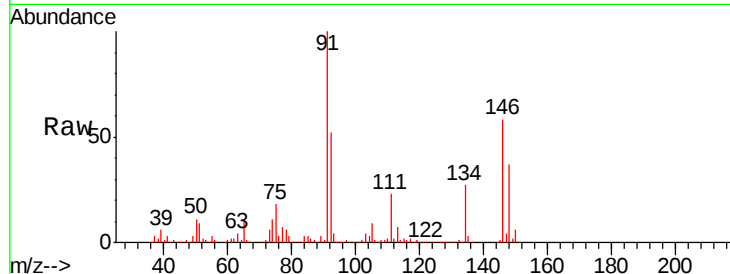
#91
1,2-Dichlorobenzene
Concen: 19.63 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	64.6	32.8	98.3

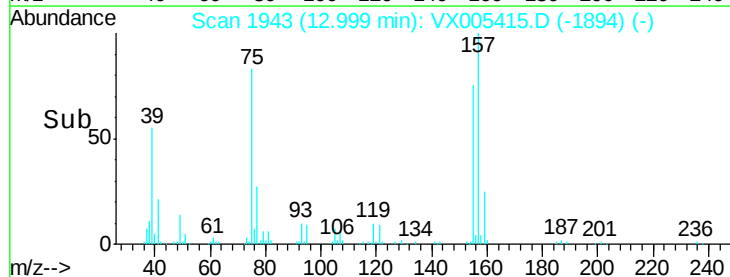
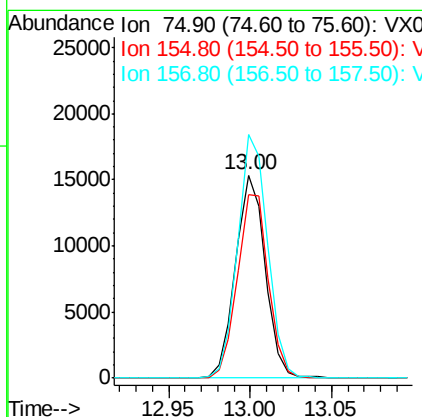
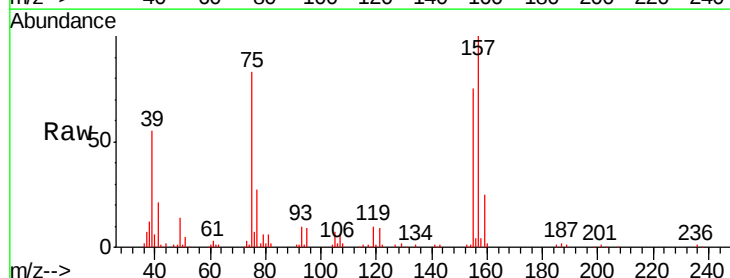
Manual Integrations
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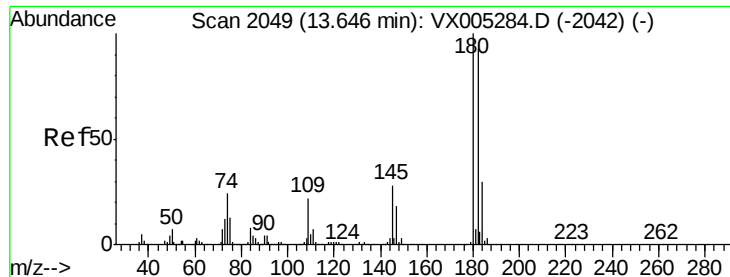
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#92
1,2-Dibromo-3-Chloropropane
Concen: 18.72 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.0	144.2
157	121.0	61.4	184.1





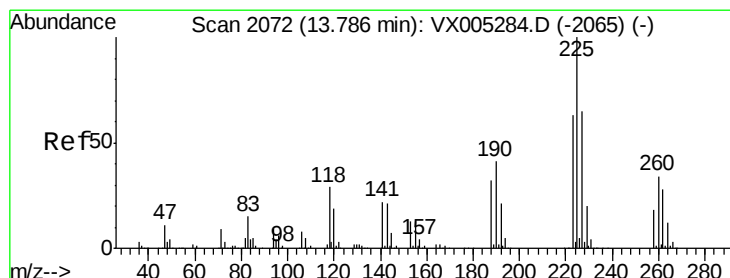
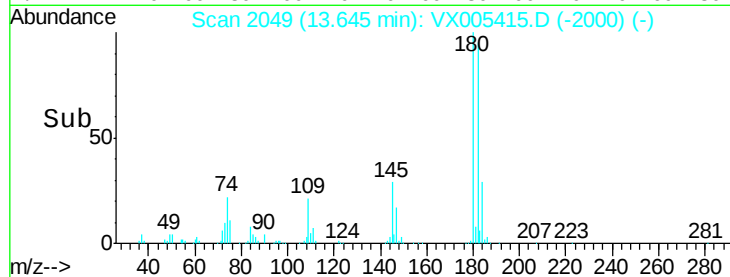
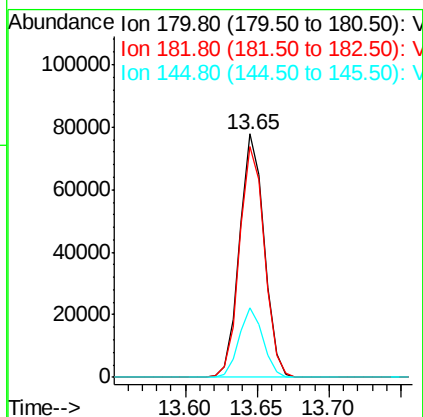
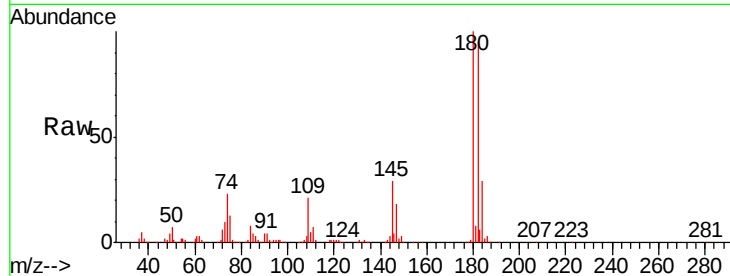
#93
 1,2,4-Trichlorobenzene
 Concen: 20.47 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	92540		
182	95.7	48.4	145.0	
145	28.0	14.3	42.9	

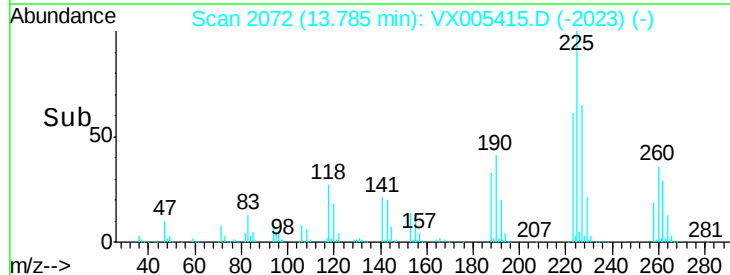
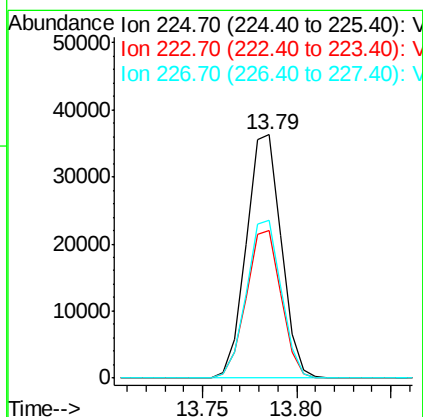
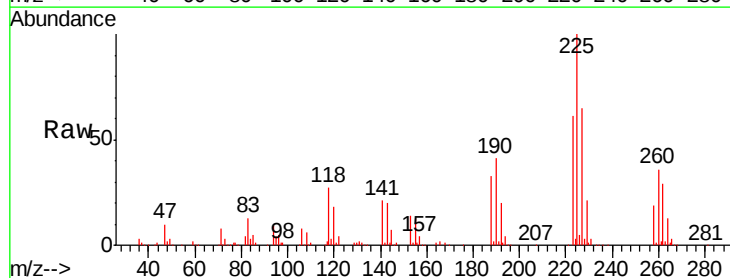
Manual Integrations
 APPROVED

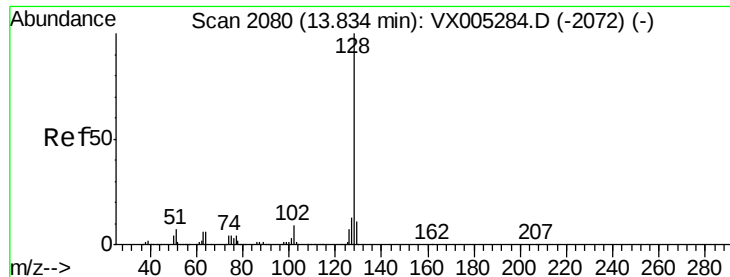
MMDadoda
 10/19/2018 12:24:18 PM



#94
 Hexachlorobutadiene
 Concen: 19.57 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005415.D
 Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46737		
223	60.8	30.1	90.5	
227	64.6	30.8	92.4	





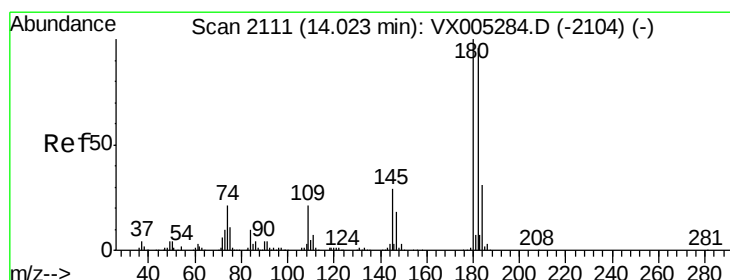
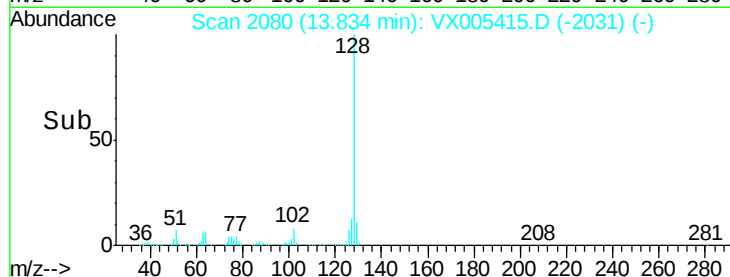
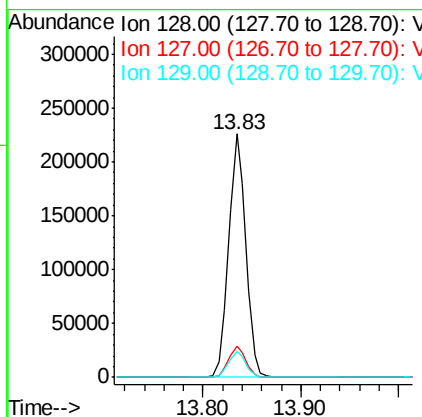
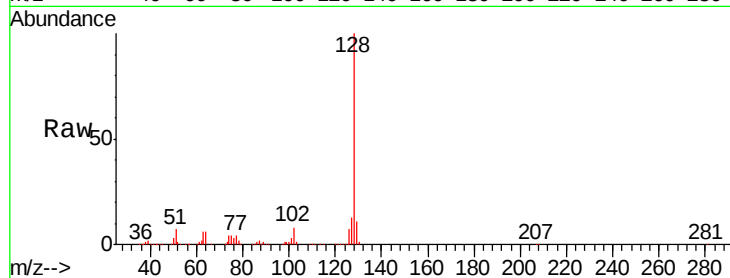
#95
Naphthalene
Concen: 20.93 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	274501		
127	12.9	10.2	15.2	
129	10.8	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
10/19/2018 12:24:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.75 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005415.D
Acq: 18 Oct 2018 02:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	95991		
182	93.9	48.5	145.6	
145	29.3	14.9	44.9	

