

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018245.D
 Acq On : 03 Sep 2020 19:09
 Operator : JC/SP
 Sample : L3874-01 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31216

Quant Time: Sep 04 01:24:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	447660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	730001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	694014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	350172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	321654	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	5.46	113	252441	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	8.70	98	889486	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.12	95	338737	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	1567	0.568	ug/l #	75
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1090	0.258	ug/l #	79
10) Methyl Iodide	2.50	142	2228	5.728	ug/l #	76
11) Tert butyl alcohol	3.01	59	185330	153.374	ug/l	100
13) Acrolein	2.27	56	3405	6.796	ug/l #	77
14) Allyl chloride	2.68	41	5828	0.741	ug/l #	35
15) Acrylonitrile	3.12	53	1914	0.698	ug/l #	35
16) Acetone	2.42	43	1036005	427.816	ug/l	96
17) Carbon Disulfide	2.55	76	9309	0.704	ug/l	96
18) Methyl Acetate	2.75	43	3914	0.670	ug/l #	88
20) Methylene Chloride	2.83	84	2668	Below Cal	#	62
21) trans-1,2-Dichloroethene	3.15	96	2269	0.468	ug/l	82
22) Diisopropyl ether	3.92	45	31680	2.042	ug/l #	1
23) Vinyl Acetate	3.81	43	17236	1.249	ug/l #	83
25) 2-Butanone	4.64	43	143577	36.076	ug/l	96
29) Tetrahydrofuran	5.10	42	8005	3.160	ug/l	97
36) 1,1-Dichloropropene	5.64	75	35899	5.332	ug/l #	52
37) Ethyl Acetate	4.64	43	141578	18.104	ug/l #	69
38) Carbon Tetrachloride	5.63	117	47980	6.323	ug/l #	17
39) Methylcyclohexane	7.44	83	2029	0.276	ug/l #	77
40) Benzene	6.14	78	4916	0.248	ug/l	99
43) Isopropyl Acetate	6.19	43	1156819	91.586	ug/l #	61
44) Trichloroethene	7.19	130	1668	0.298	ug/l	47
46) Dibromomethane	7.63	93	926	0.247	ug/l #	32
48) Methyl methacrylate	7.73	41	2690	0.428	ug/l #	56
49) 1,4-Dioxane	7.71	88	337	2.959	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	15168	1.944	ug/l	96
52) Toluene	8.77	92	5271	0.420	ug/l	89
53) t-1,3-Dichloropropene	9.04	75	5784	0.697	ug/l #	63
59) 2-Hexanone	9.48	43	7291	1.229	ug/l	98
64) Tetrachloroethene	9.32	164	1183	0.232	ug/l	85
67) Ethyl Benzene	10.24	91	5238	0.222	ug/l #	86
68) m/p-Xylenes	10.34	106	3778	0.429	ug/l	98
70) Styrene	10.70	104	3334	0.230	ug/l #	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

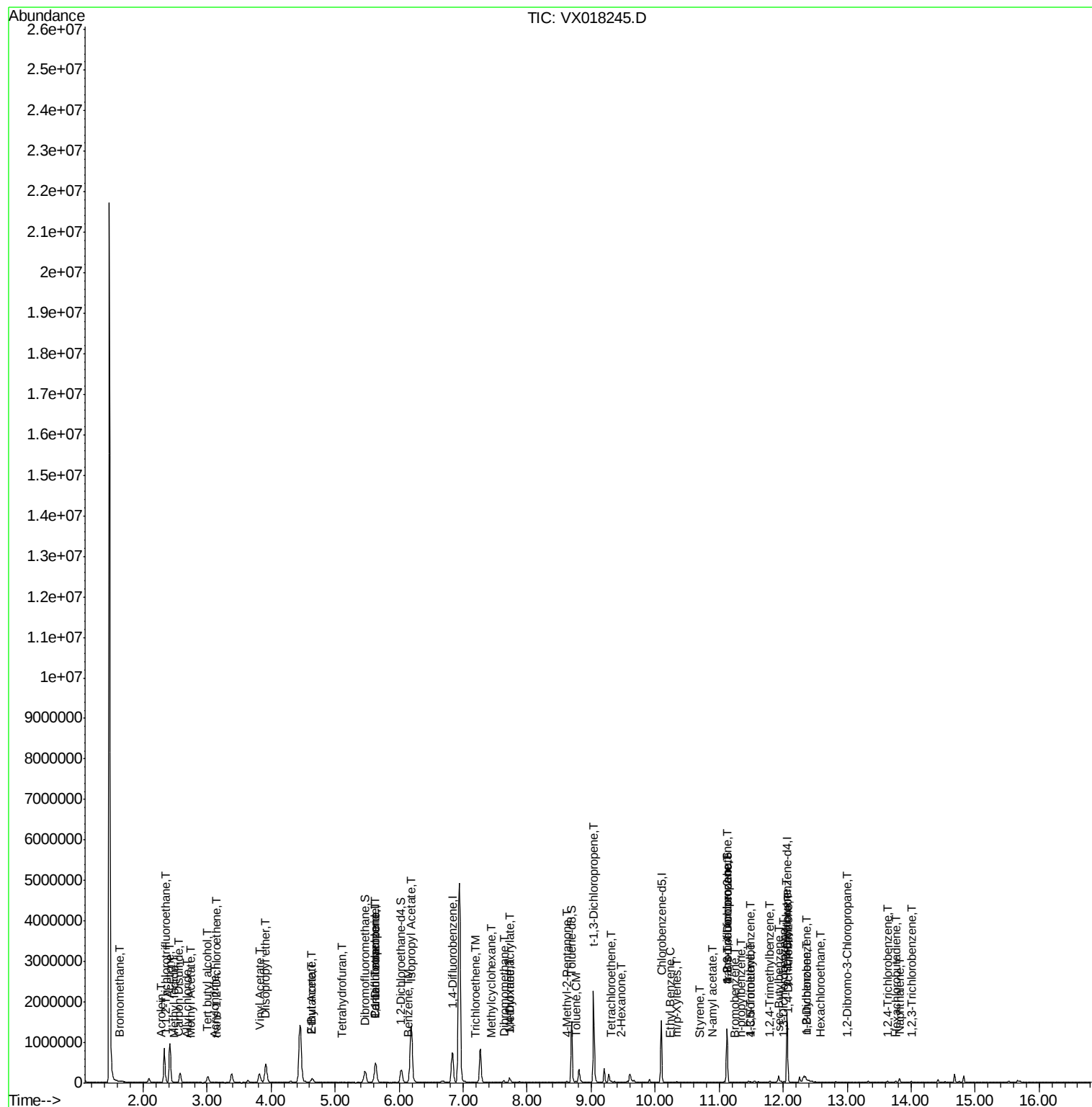
74) N-amy1 acetate	10.89	43	3326	0.303	ug/l #	4
76) 1,2,3-Trichloropropane	11.12	75	173769	22.307	ug/l #	36
77) Bromobenzene	11.24	156	1414	0.221	ug/l	88
78) n-propylbenzene	11.34	91	6032	0.230	ug/l	87
80) 1,3,5-Trimethylbenzene	11.49	105	3797	0.200	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.12	75	173769	60.249	ug/l #	12
82) 4-Chlorotoluene	11.49	91	4923	0.256	ug/l	84
84) 1,2,4-Trimethylbenzene	11.79	105	9567	0.493	ug/l #	63
85) sec-Butylbenzene	11.93	105	5498	0.258	ug/l	94
86) p-Isopropyltoluene	12.05	119	5976	0.305	ug/l #	62
87) 1,3-Dichlorobenzene	12.01	146	3962	0.353	ug/l #	78
88) 1,4-Dichlorobenzene	12.08	146	5204	0.464	ug/l #	70
89) n-Butylbenzene	12.37	91	9286	0.520	ug/l	96
90) Hexachloroethane	12.58	117	948	0.246	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	2672	0.253	ug/l	77
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1174	0.576	ug/l #	30
93) 1,2,4-Trichlorobenzene	13.63	180	5566	0.791	ug/l	93
94) Hexachlorobutadiene	13.76	225	3599	1.297	ug/l	98
95) Naphthalene	13.82	128	54034	2.333	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	4996	0.719	ug/l	95

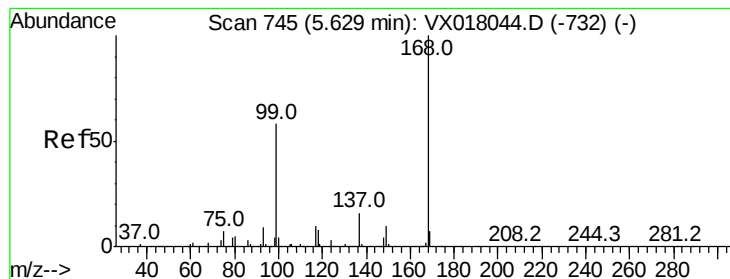
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

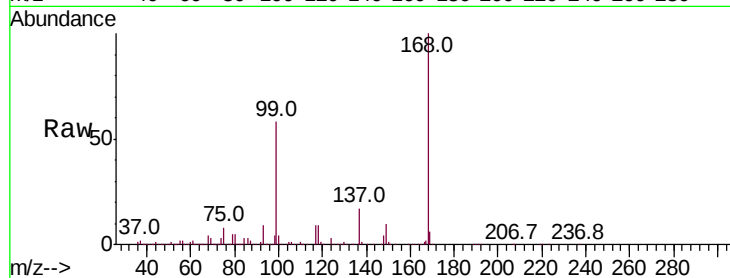
31216

Tot Ion:168 Resp: 447660

Ion Ratio Lower Upper

168 100

99 57.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

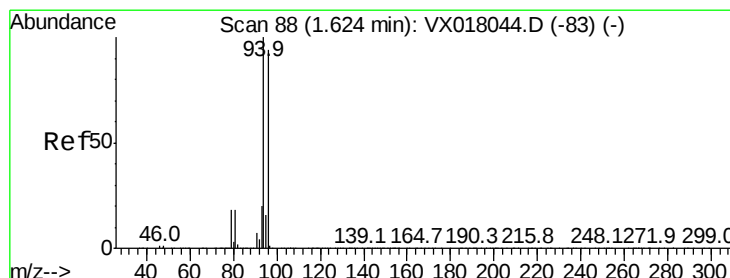
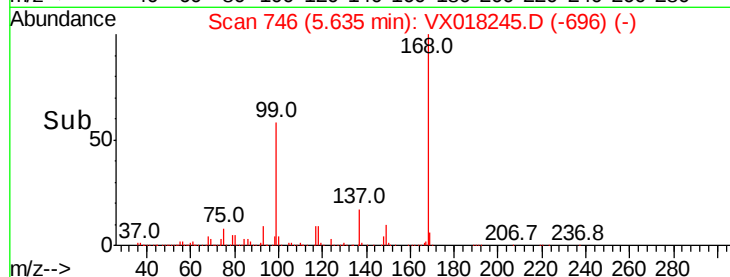
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.568 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018245.D

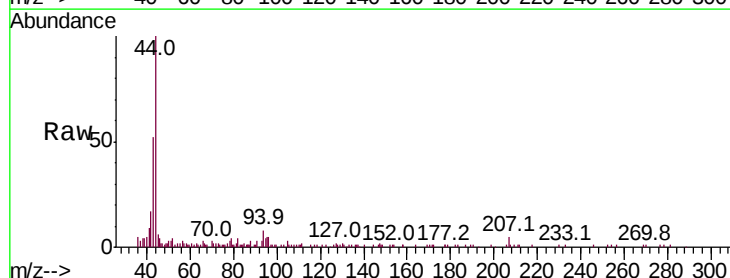
Acq: 03 Sep 2020 19:09

Tgt Ion: 94 Resp: 1567

Ion Ratio Lower Upper

94 100

96 117.2 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

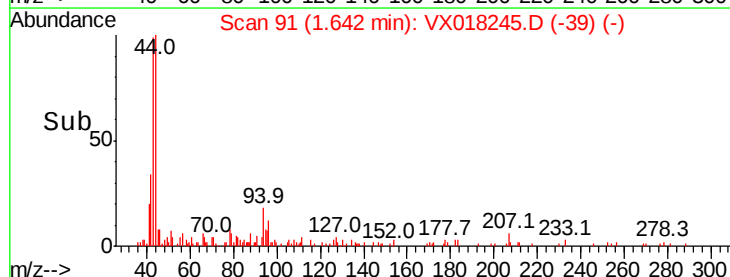
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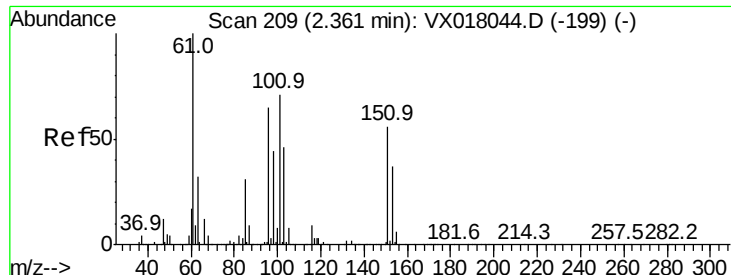
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.258 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

31216

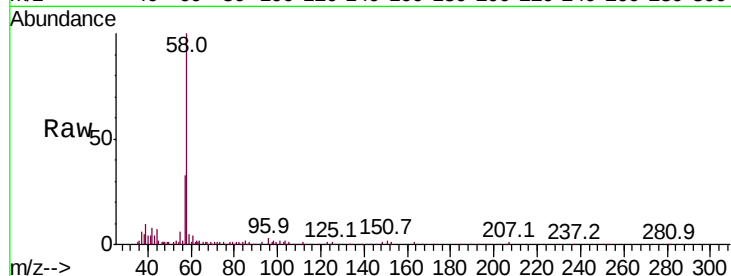
Tot Ion:101 Resp: 1090

Ion Ratio Lower Upper

101 100

85 68.7 34.0 51.0#

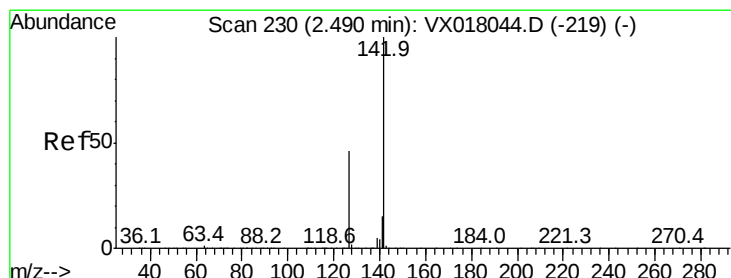
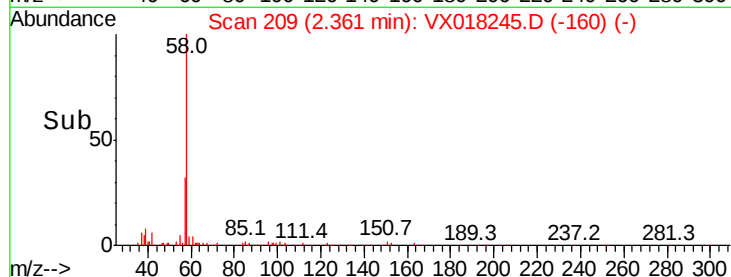
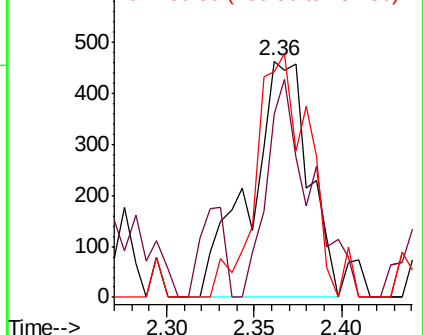
151 90.8 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.728 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

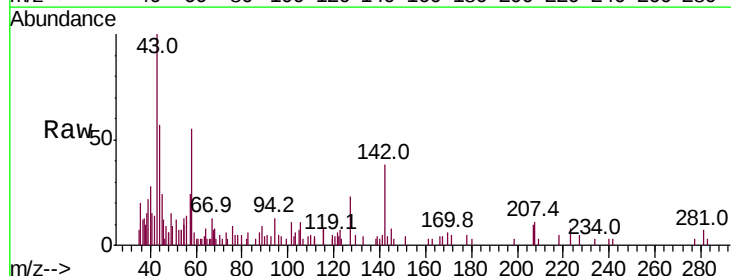
Tgt Ion:142 Resp: 2228

Ion Ratio Lower Upper

142 100

127 66.0 37.0 55.6#

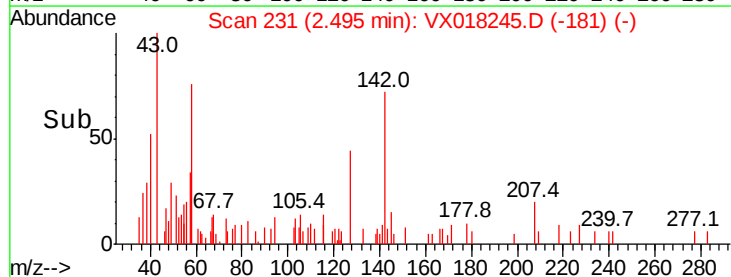
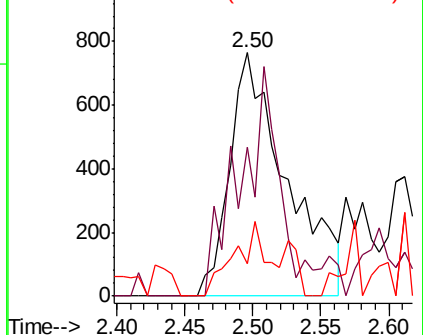
141 17.5 11.5 17.3#

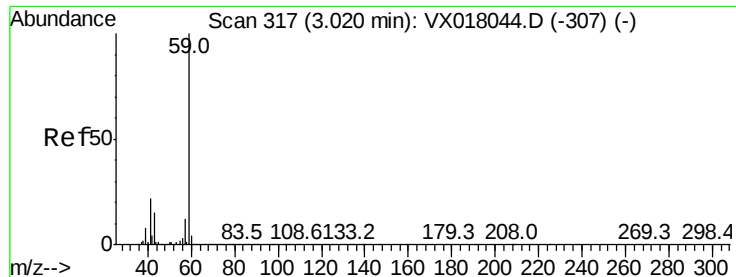


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



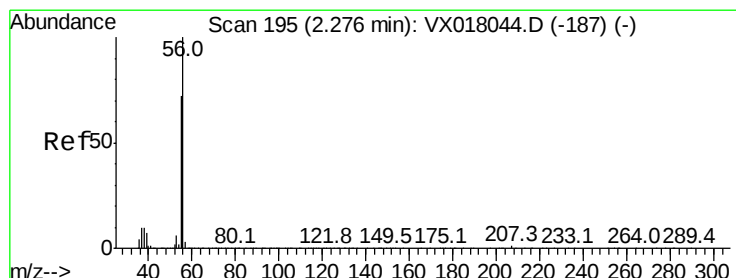
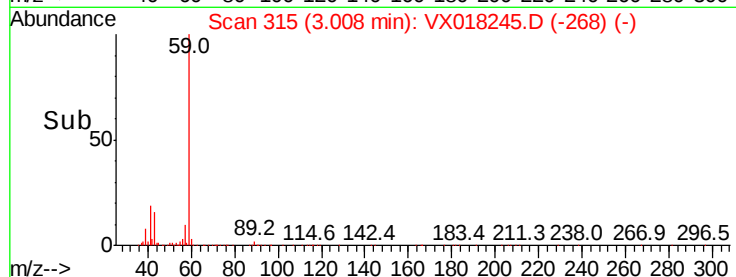
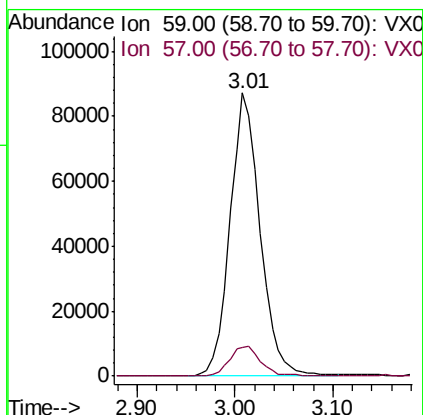
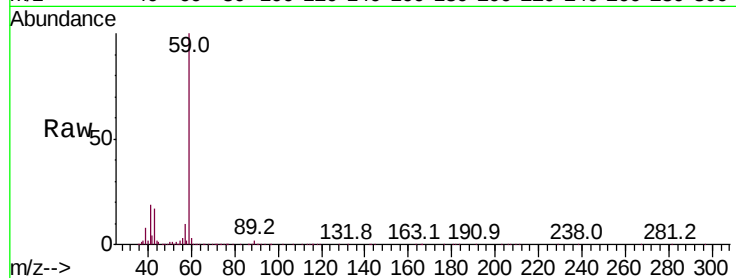


#11

Tert butyl alcohol
 Concen: 153.374 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018245.D
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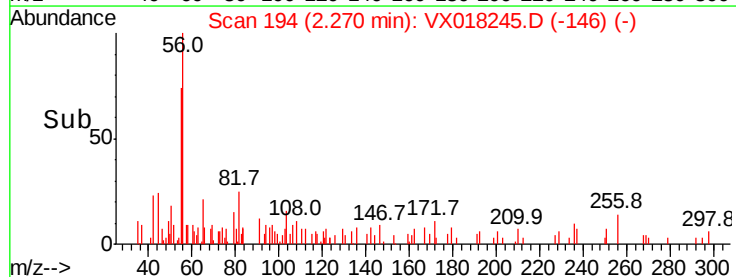
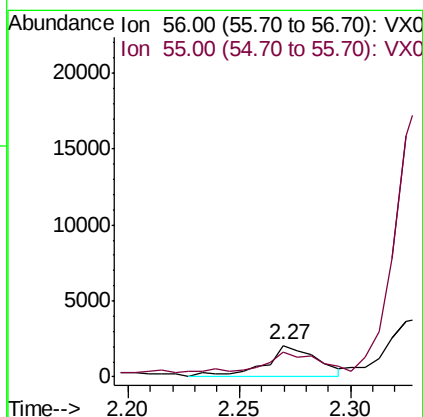
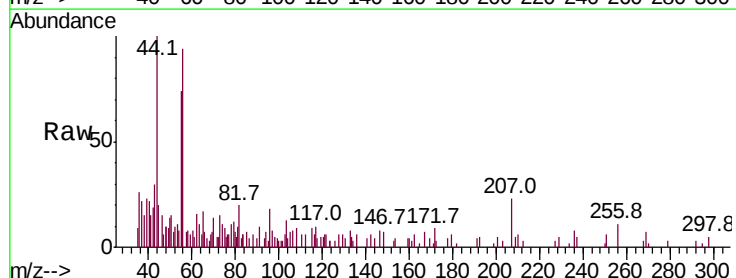
Tot Ion: 59 Resp: 185330
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.9 13.3

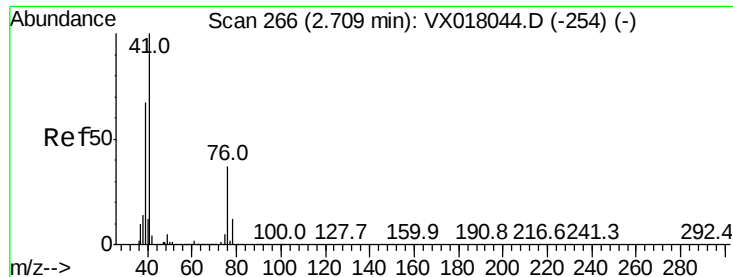


#13

Acrolein
 Concen: 6.796 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.01 min
 Lab File: VX018245.D
 Acq: 03 Sep 2020 19:09

Tgt Ion: 56 Resp: 3405
 Ion Ratio Lower Upper
 56 100
 55 52.4 57.0 85.6#

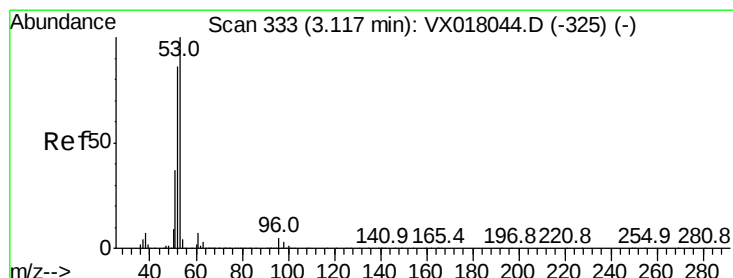
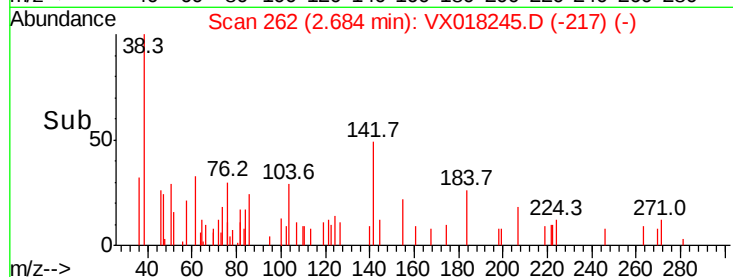
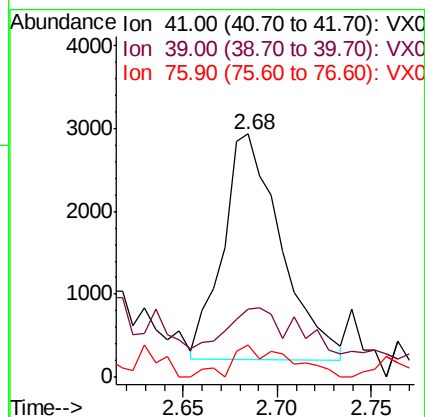
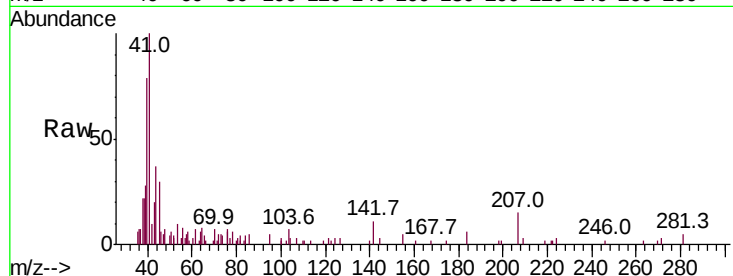




#14
Allvl chloride
Concen: 0.741 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

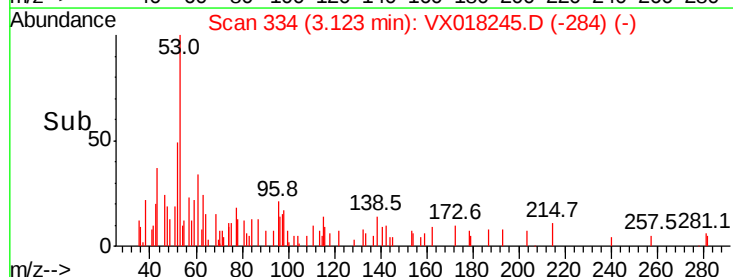
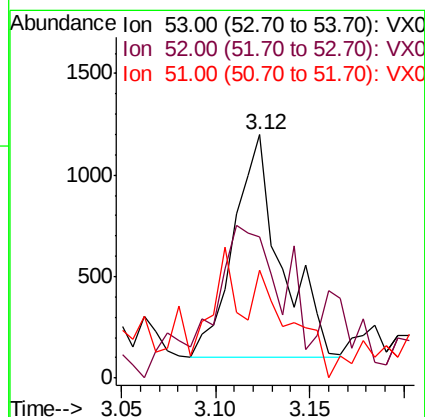
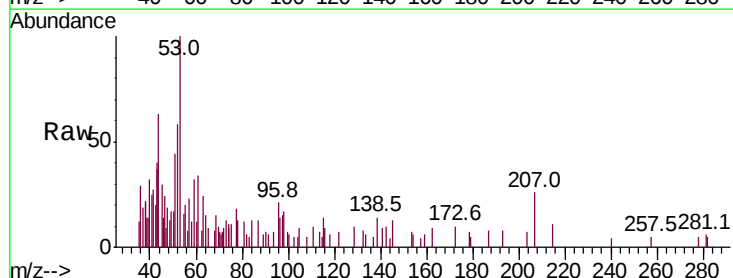
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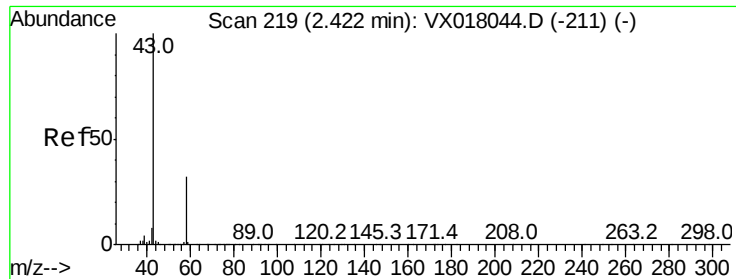
Tot Ion: 41 Resp: 5828
Ion Ratio Lower Upper
41 100
39 0.0 50.6 76.0#
76 14.4 26.2 39.2#



#15
Acrylonitrile
Concen: 0.698 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

Tgt Ion: 53 Resp: 1914
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 36.8 28.7 43.1

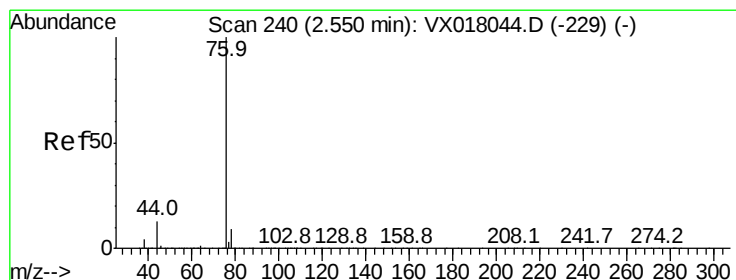
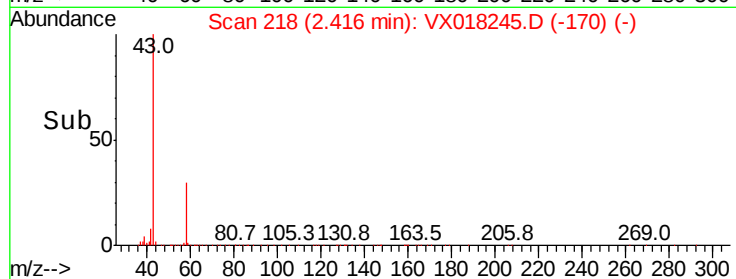
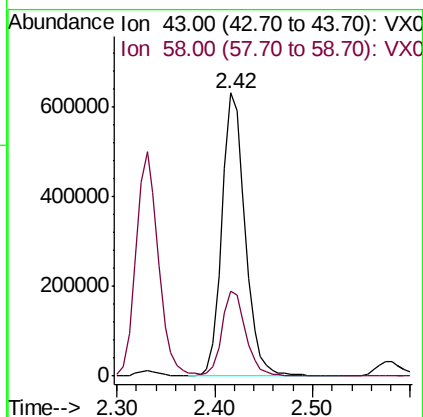
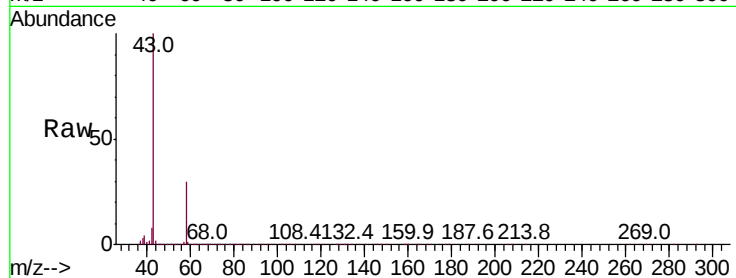




#16
Acetone
Concen: 427.816 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

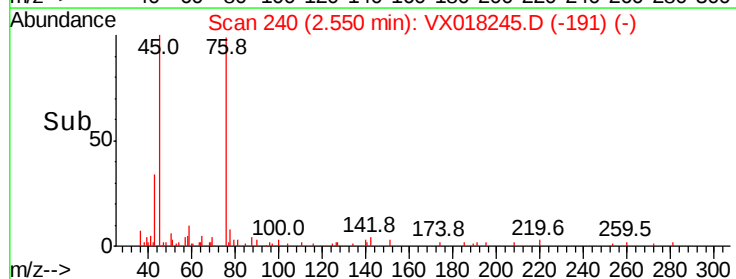
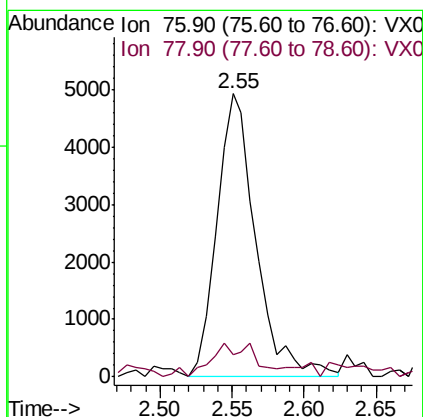
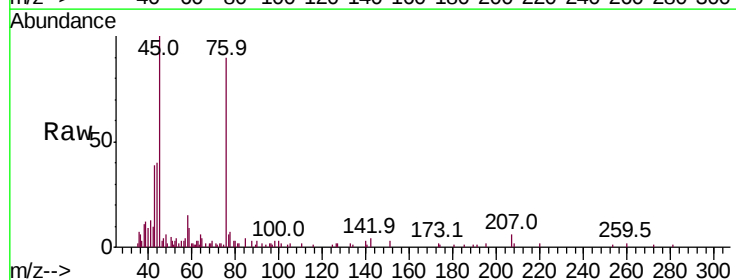
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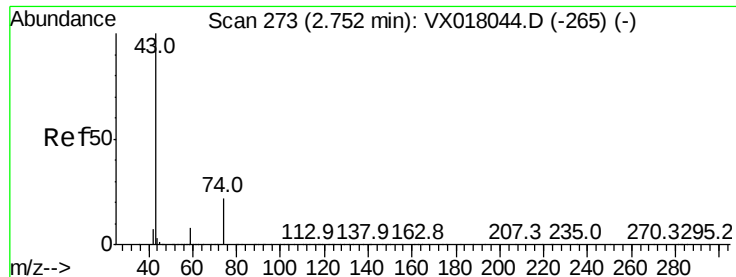
Tot Ion: 43 Resp: 1036005
Ion Ratio Lower Upper
43 100
58 29.8 25.5 38.3



#17
Carbon Disulfide
Concen: 0.704 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

Tgt Ion: 76 Resp: 9309
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

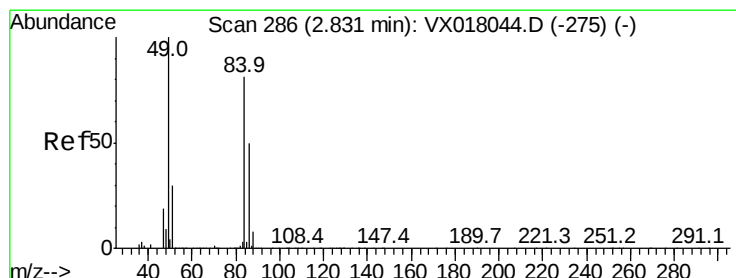
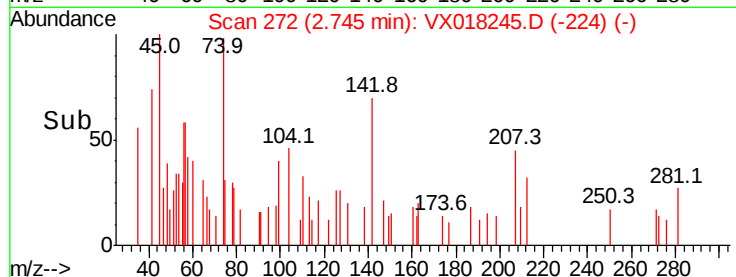
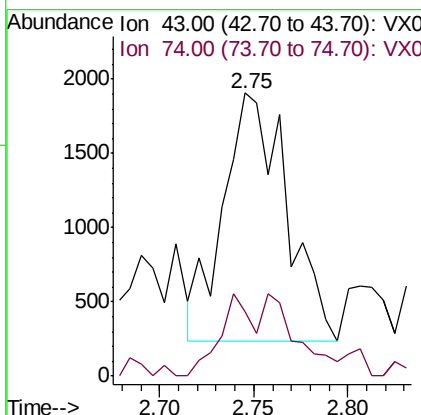
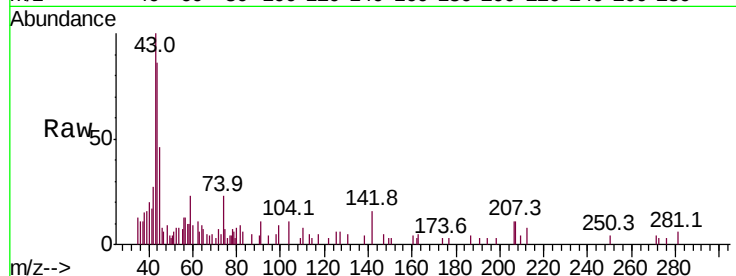




#18
Methyl Acetate
Concen: 0.670 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

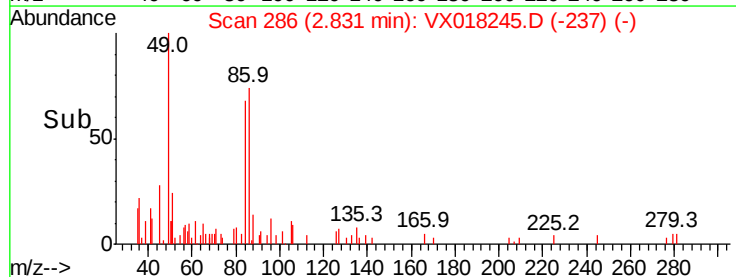
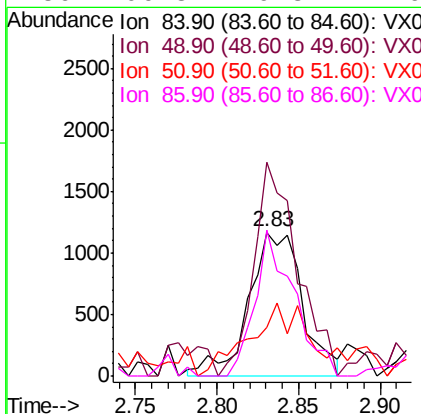
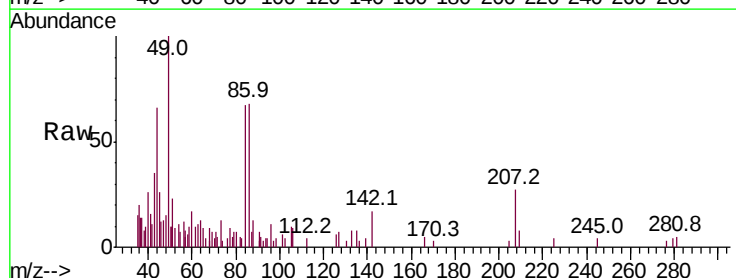
Instrument :
MSVOA_X
ClientSampled :
31216

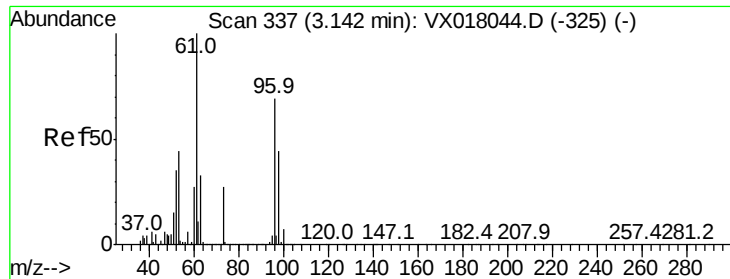
Tot Ion: 43 Resp: 3914
Ion Ratio Lower Upper
43 100
74 16.9 18.2 27.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

Tgt Ion: 84 Resp: 2668
Ion Ratio Lower Upper
84 100
49 156.0 98.6 148.0#
51 14.6 29.6 44.4#
86 106.8 49.8 74.6#





#21

trans-1,2-Dichloroethene

Concen: 0.468 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

31216

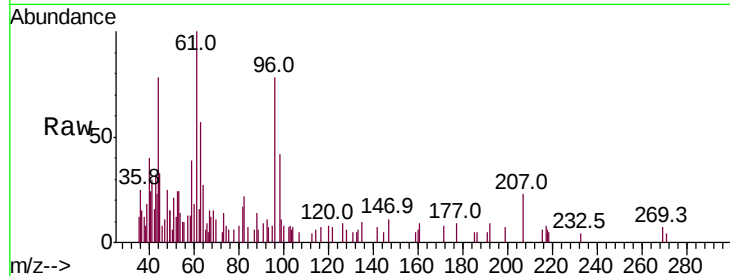
Tot Ion: 96 Resp: 2269

Ion Ratio Lower Upper

96 100

61 119.2 115.4 173.0

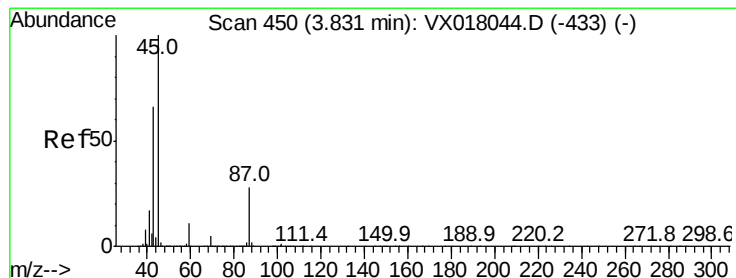
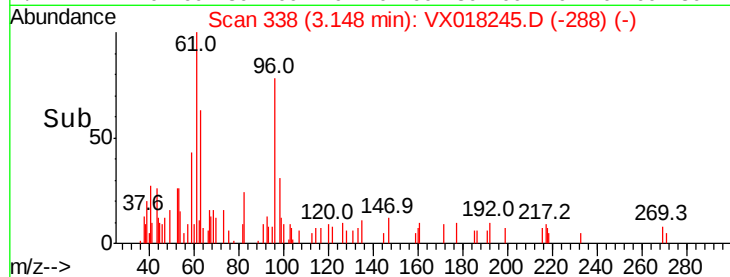
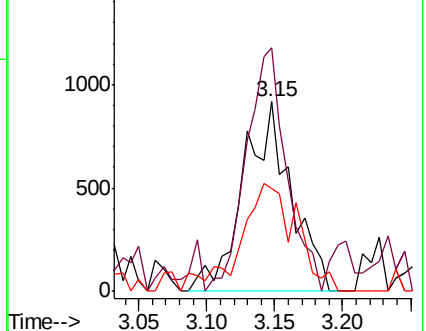
98 54.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.042 ug/l

RT: 3.92 min Scan# 464

Delta R.T. 0.09 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Tgt Ion: 45 Resp: 31680

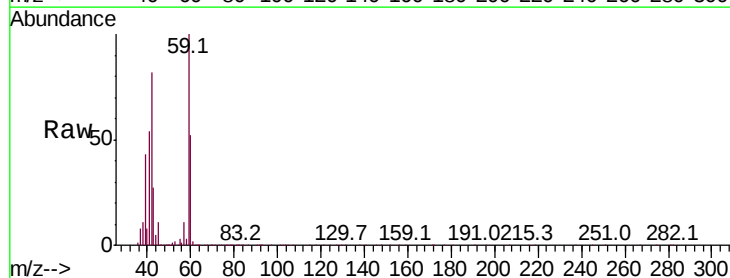
Ion Ratio Lower Upper

45 100

43 240.9 52.8 79.2#

87 0.0 22.5 33.7#

59 920.7 9.0 13.6#

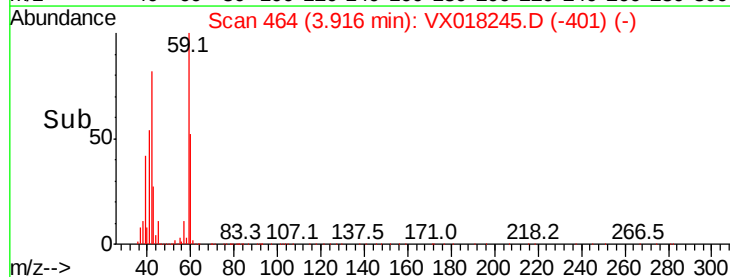
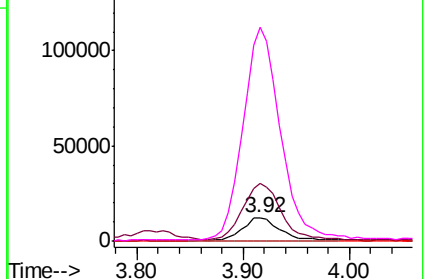


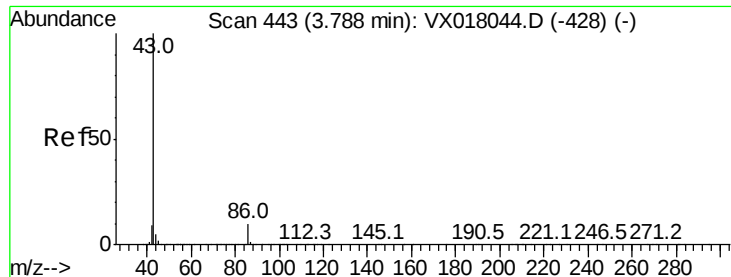
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 1.249 ug/l

RT: 3.81 min Scan# 447

Delta R.T. 0.02 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

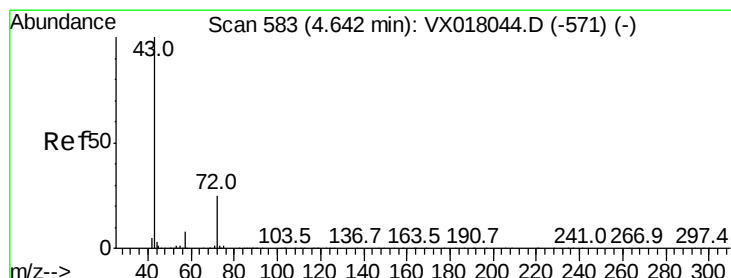
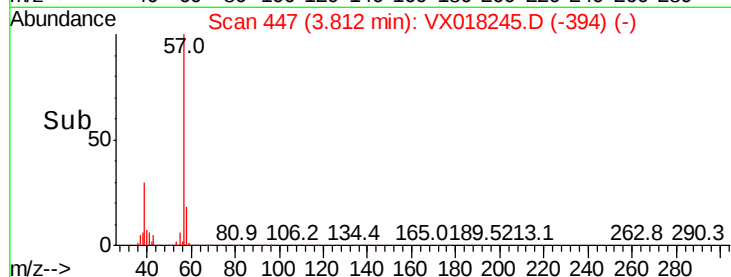
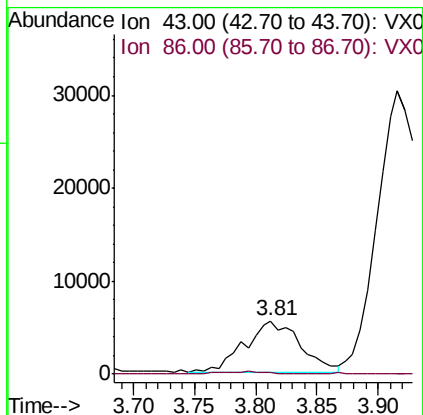
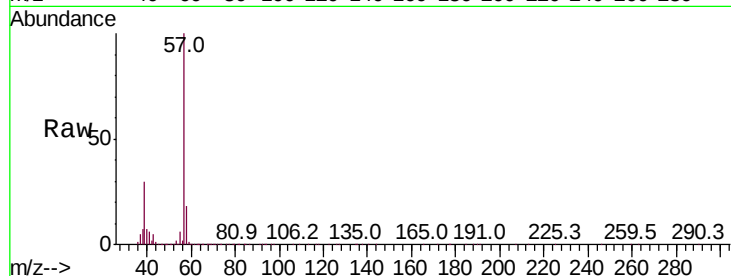
31216

Tot Ion: 43 Resp: 17236

Ion Ratio Lower Upper

43 100

86 3.6 7.9 11.9#



#25

2-Butanone

Concen: 36.076 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018245.D

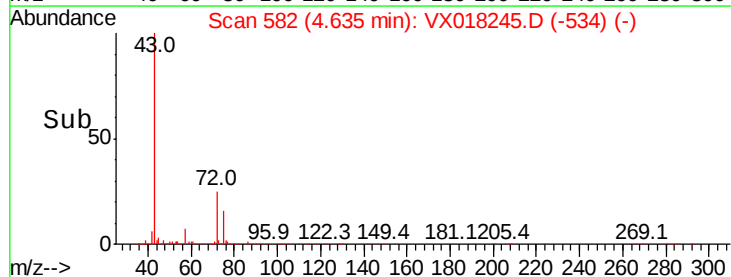
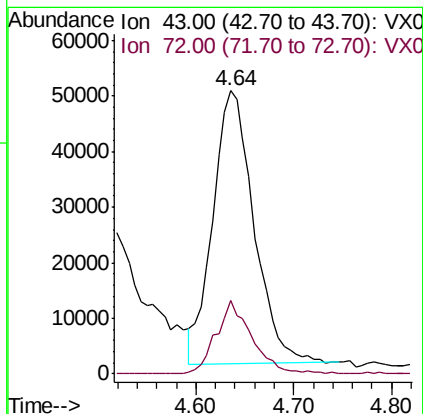
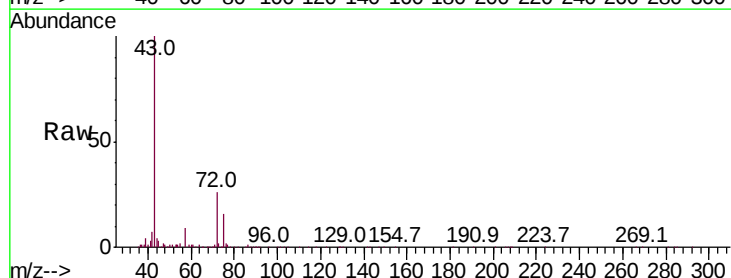
Acq: 03 Sep 2020 19:09

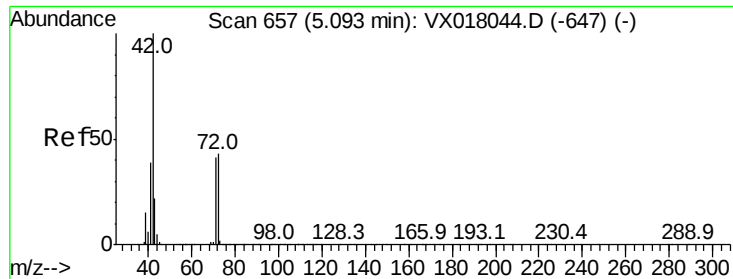
Tgt Ion: 43 Resp: 143577

Ion Ratio Lower Upper

43 100

72 26.7 19.8 29.6

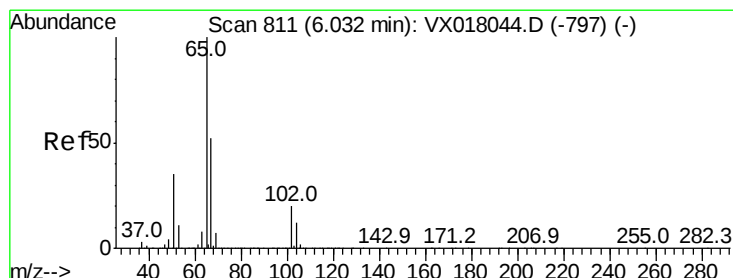
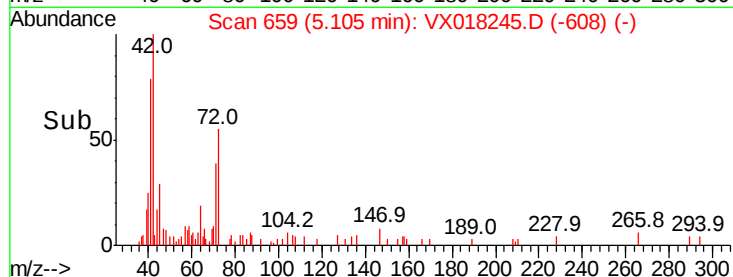
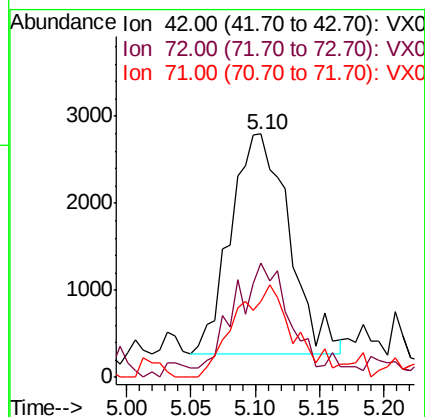
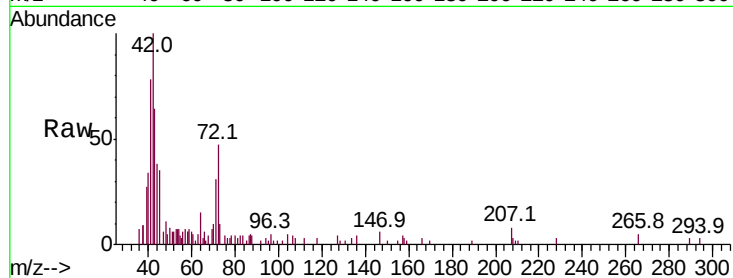




#29
Tetrahydrofuran
Concen: 3.160 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

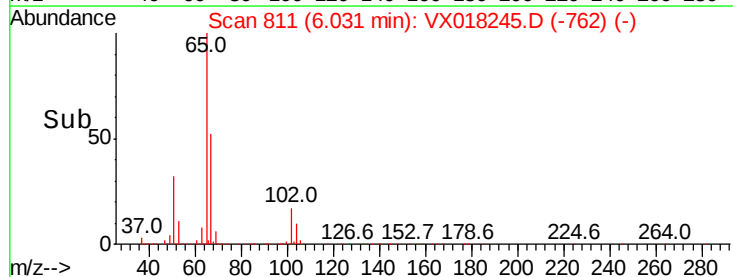
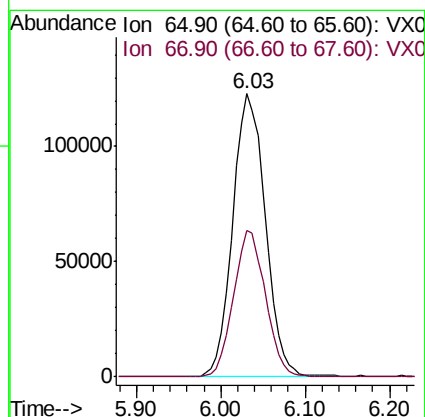
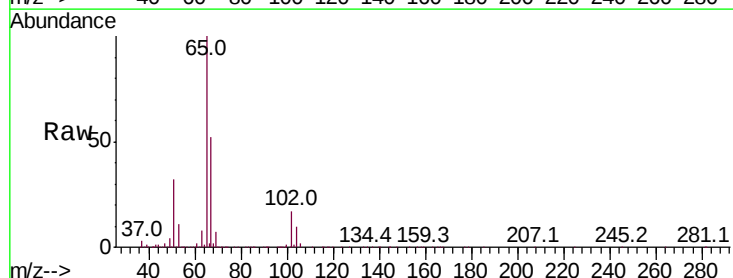
Instrument :
MSVOA_X
ClientSampleId :
31216

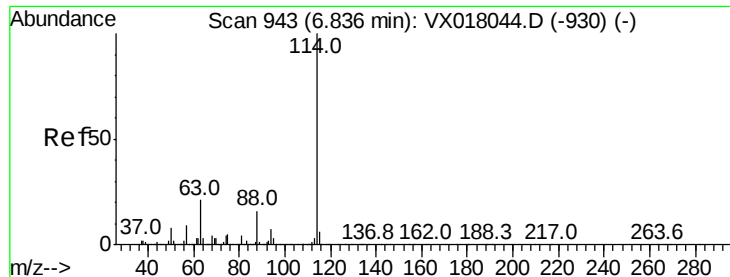
Tot Ion: 42 Resp: 8005
Ion Ratio Lower Upper
42 100
72 44.4 34.2 51.4
71 42.6 32.1 48.1



#33
1,2-Dichloroethane-d4
Concen: 51.757 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

Tgt Ion: 65 Resp: 321654
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

31216

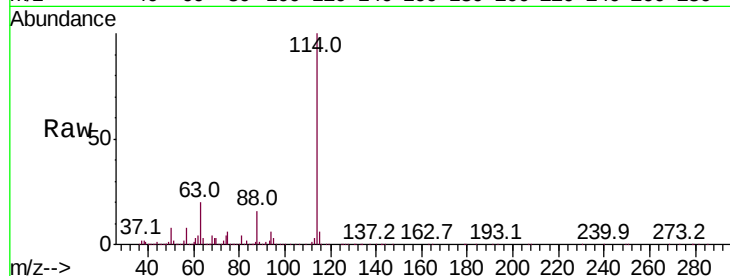
Tot Ion:114 Resp: 730001

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

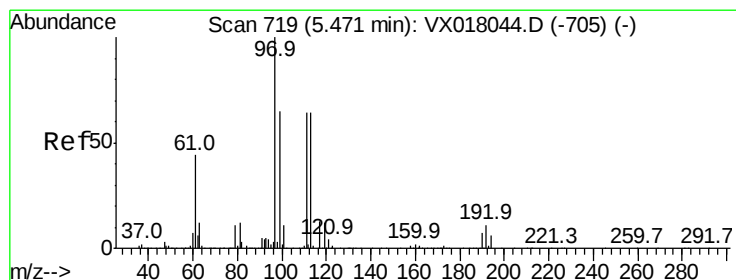
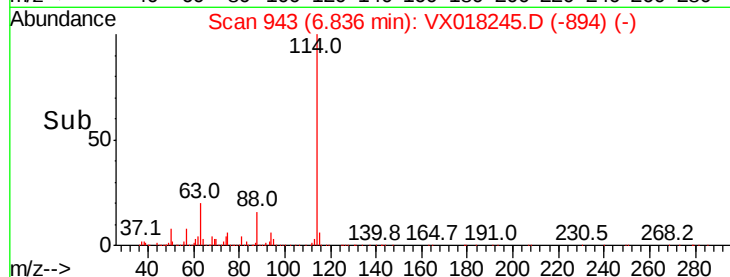
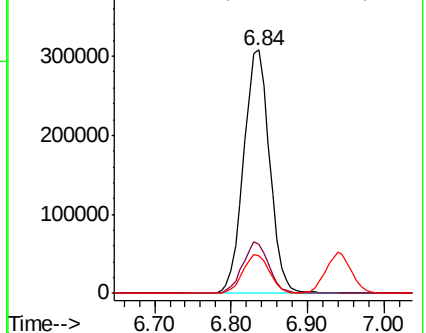
88 15.6 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.776 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

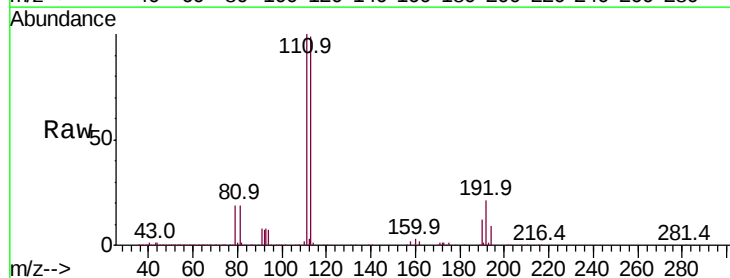
Tgt Ion:113 Resp: 252441

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

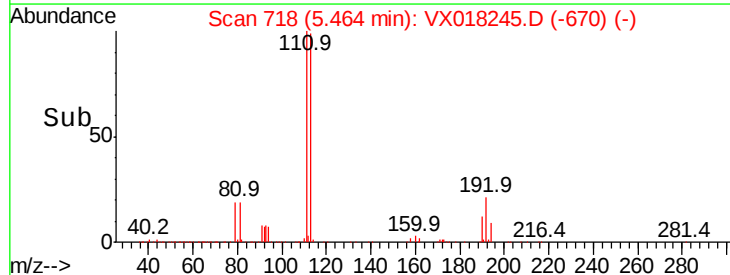
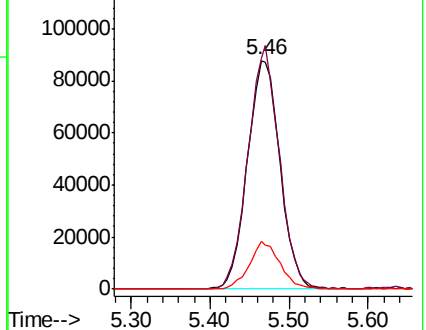
192 19.6 15.8 23.8

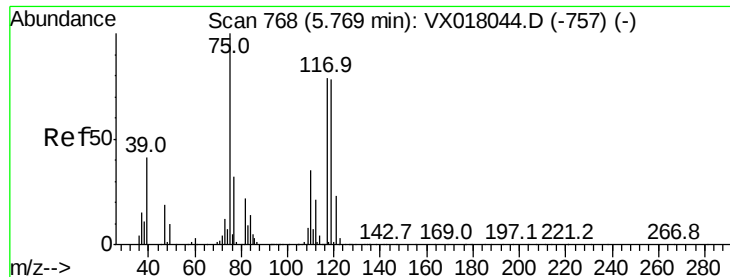


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

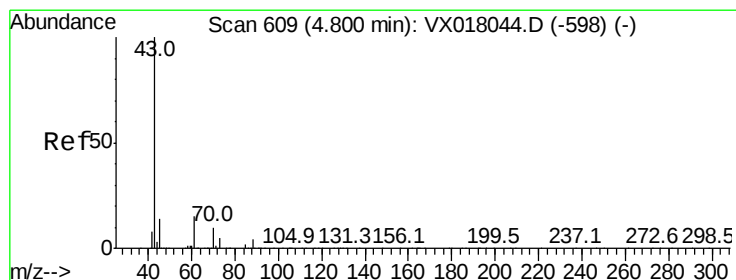
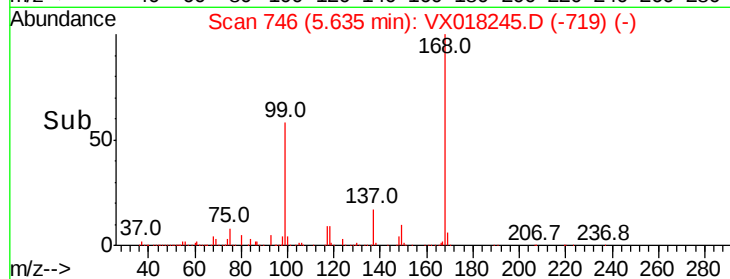
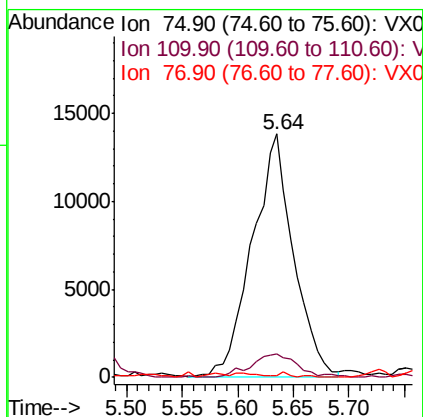
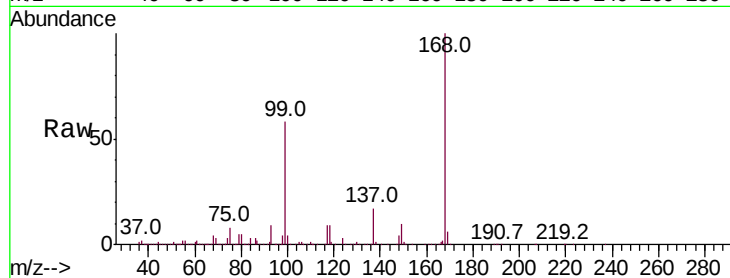




#36
 1,1-Dichloropropene
 Concen: 5.332 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX018245.D
 Acq: 03 Sep 2020 19:09

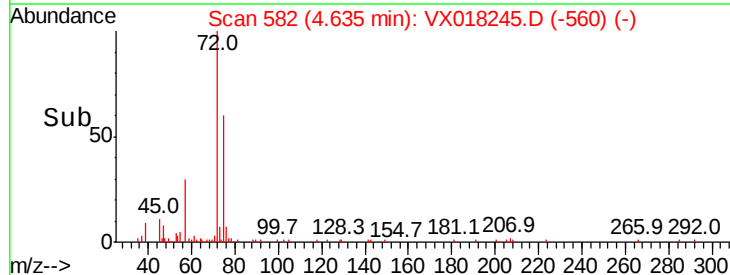
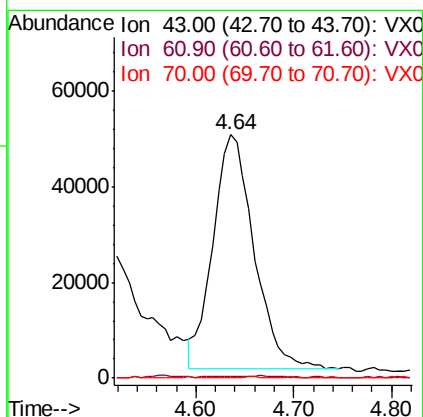
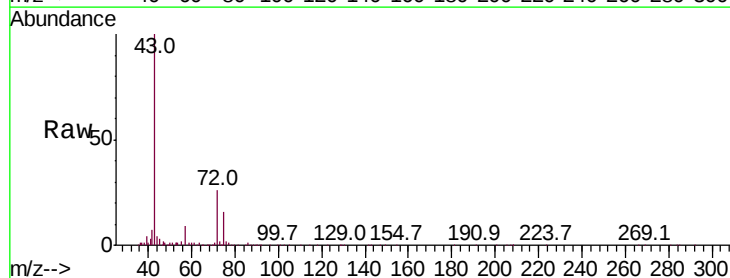
Instrument :
 MSVOA_X
 ClientSampleId :
 31216

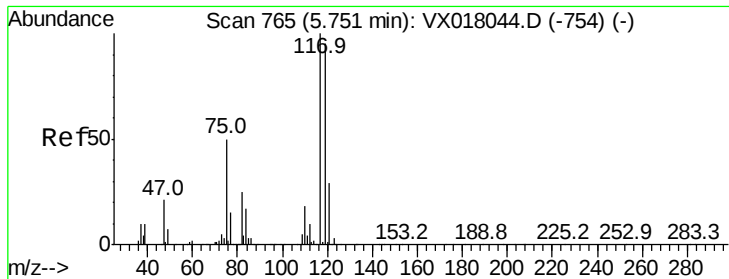
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.0	54.0#
77	0.6	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 18.104 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.16 min
 Lab File: VX018245.D
 Acq: 03 Sep 2020 19:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.2	11.3	16.9#
70	0.0	8.2	12.4#





#38

Carbon Tetrachloride

Concen: 6.323 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

31216

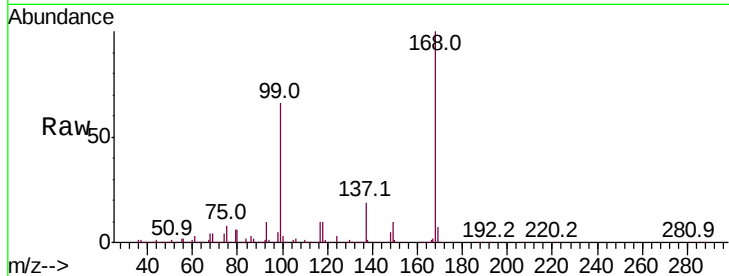
Tot Ion:117 Resp: 47980

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

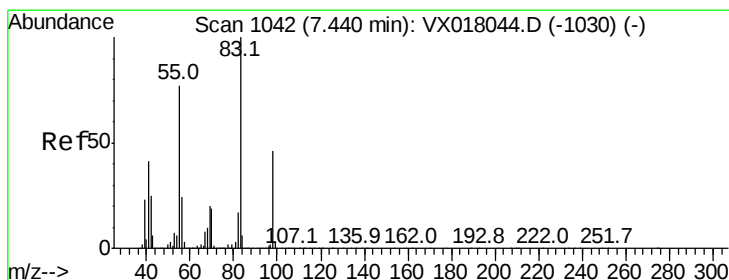
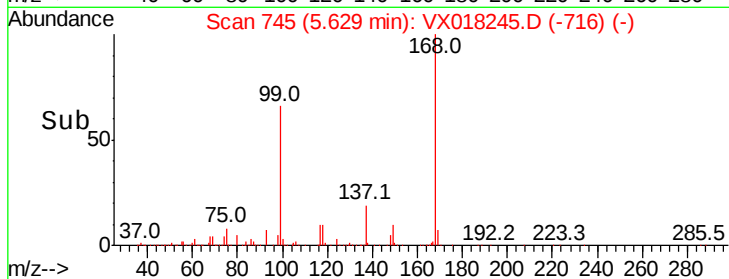
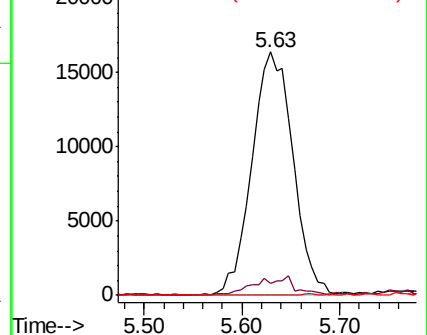
121 0.4 23.4 35.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.276 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

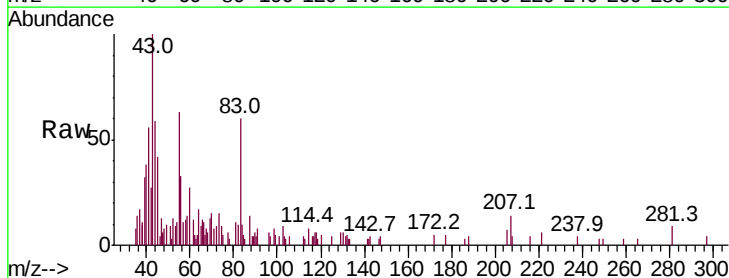
Tgt Ion: 83 Resp: 2029

Ion Ratio Lower Upper

83 100

55 84.8 61.8 92.6

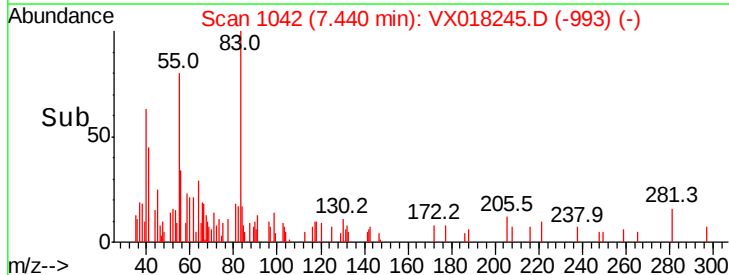
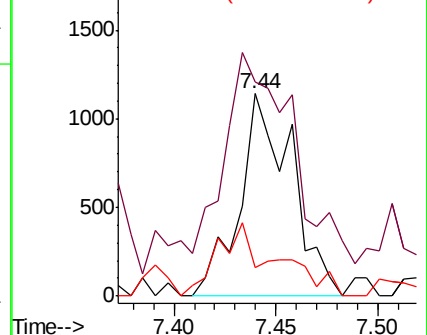
98 14.0 36.6 55.0#

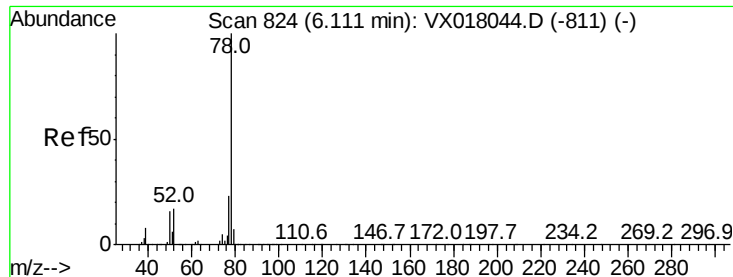


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.248 ug/l

RT: 6.14 min Scan# 828

Delta R.T. 0.02 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

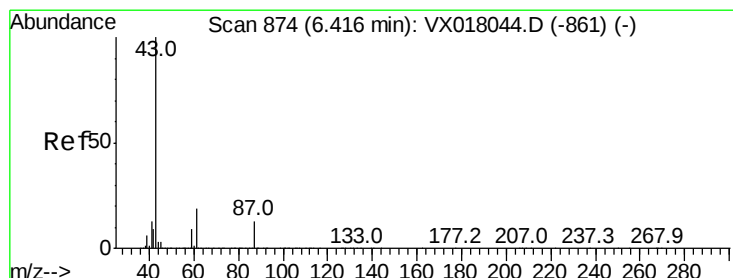
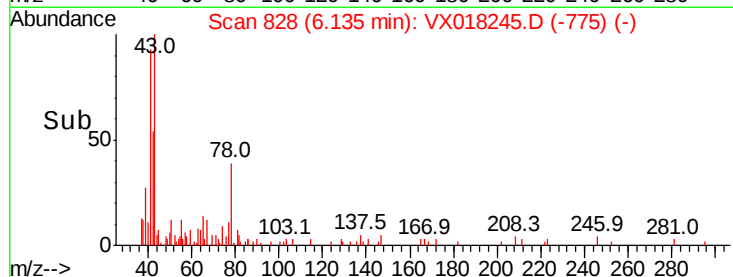
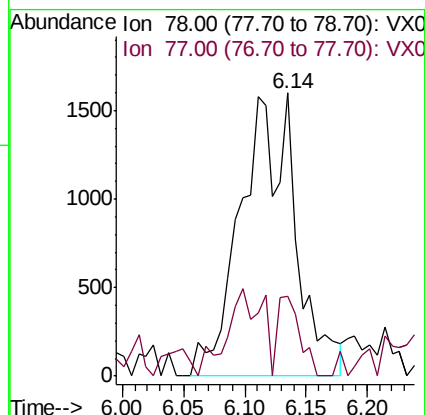
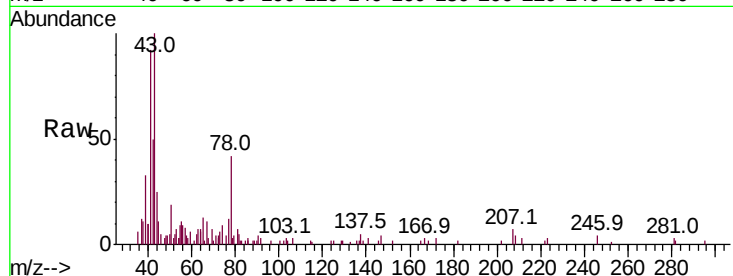
31216

Tot Ion: 78 Resp: 4916

Ion Ratio Lower Upper

78 100

77 23.0 18.2 27.2



#43

Isopropyl Acetate

Concen: 91.586 ug/l

RT: 6.19 min Scan# 837

Delta R.T. -0.23 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

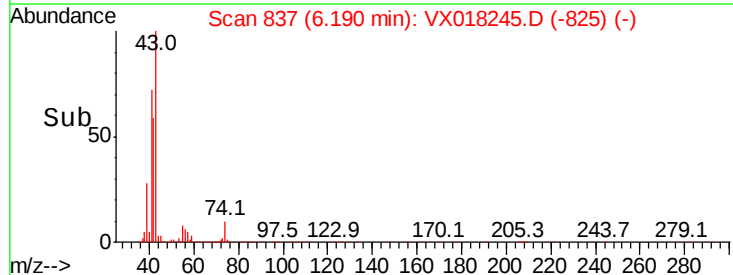
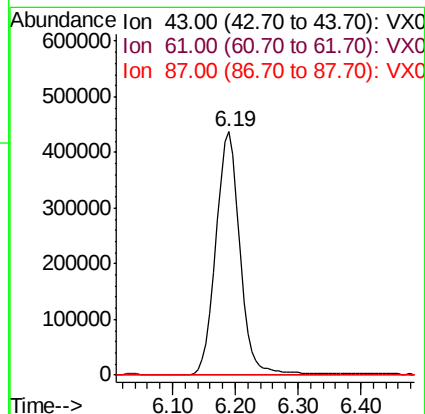
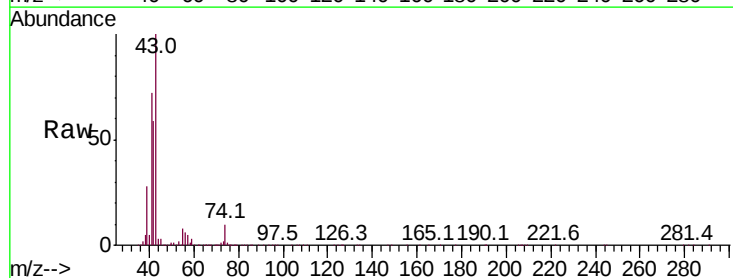
Tgt Ion: 43 Resp: 1156819

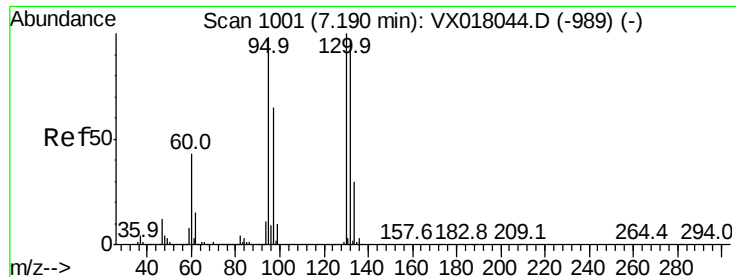
Ion Ratio Lower Upper

43 100

61 0.0 15.7 23.5#

87 0.0 10.3 15.5#





#44

Trichloroethene

Concen: 0.298 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

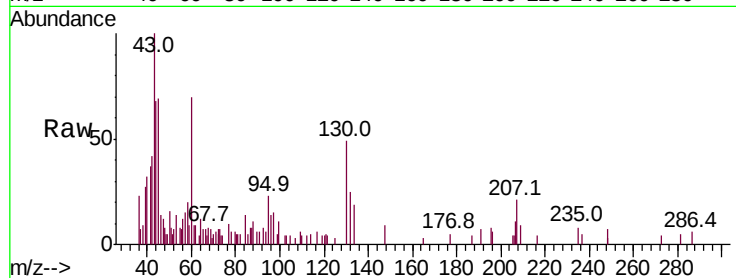
31216

Tot Ion:130 Resp: 1668

Ion Ratio Lower Upper

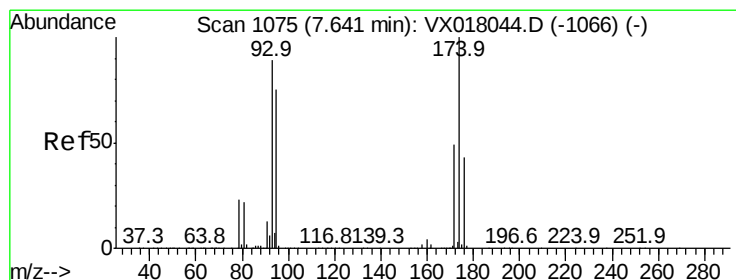
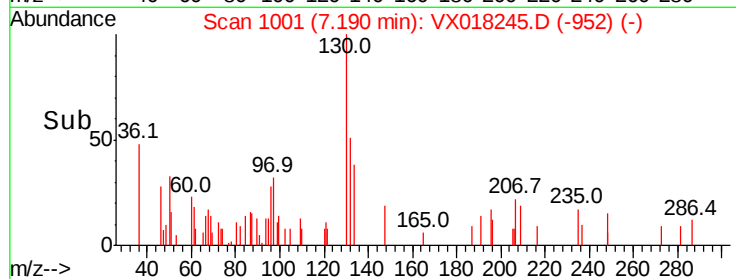
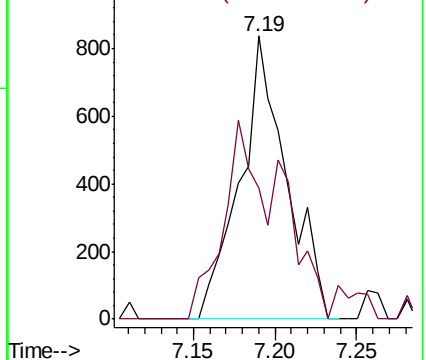
130 100

95 46.1 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#46

Dibromomethane

Concen: 0.247 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

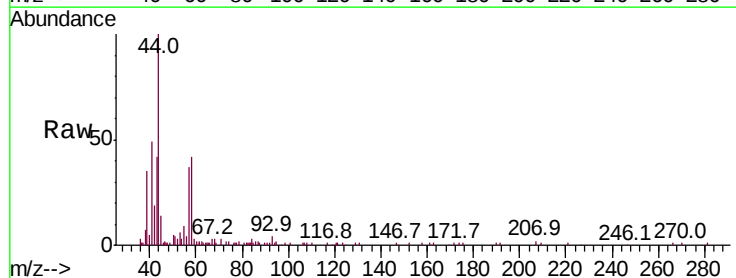
Tgt Ion: 93 Resp: 926

Ion Ratio Lower Upper

93 100

95 59.8 67.3 100.9#

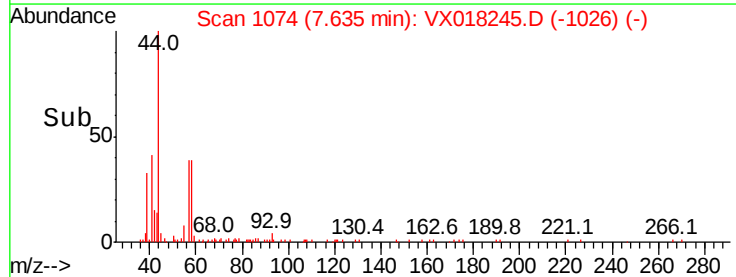
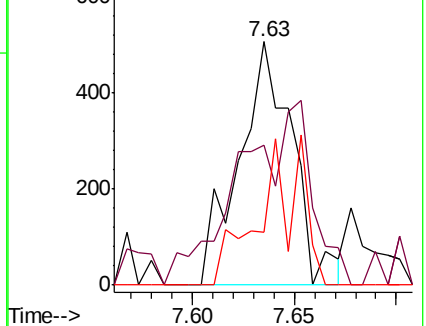
174 0.0 82.2 123.2#

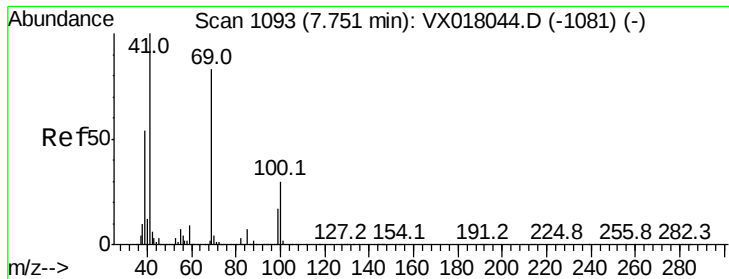


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#48

Methyl methacrylate

Concen: 0.428 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.02 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

31216

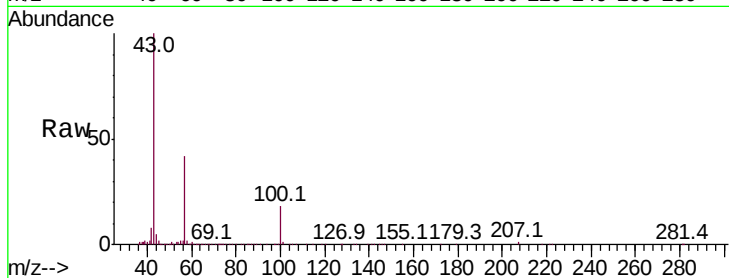
Tot Ion: 41 Resp: 2690

Ion Ratio Lower Upper

41 100

69 33.7 65.5 98.3#

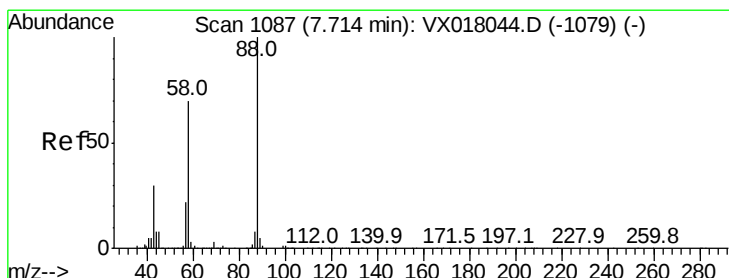
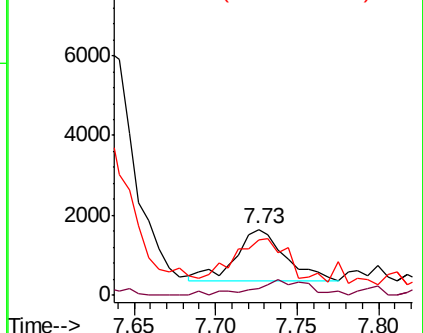
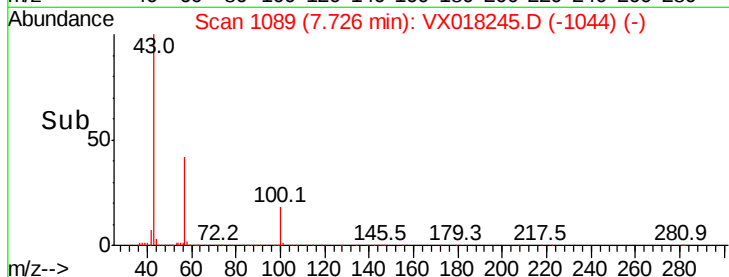
39 77.3 44.5 66.7#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 2.959 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

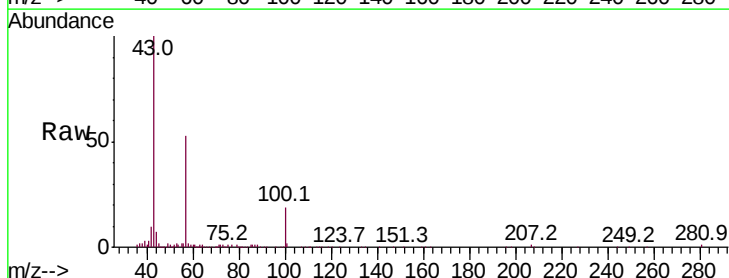
Tgt Ion: 88 Resp: 337

Ion Ratio Lower Upper

88 100

43 35554.3 27.4 41.0#

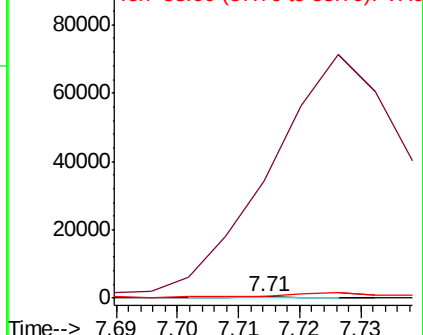
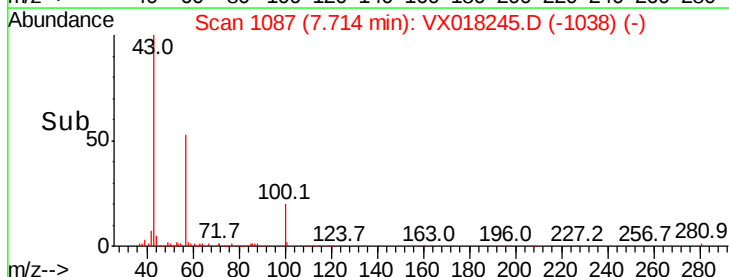
58 661.1 56.4 84.6#

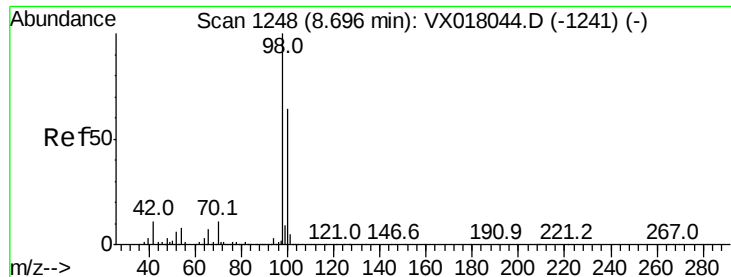


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.036 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

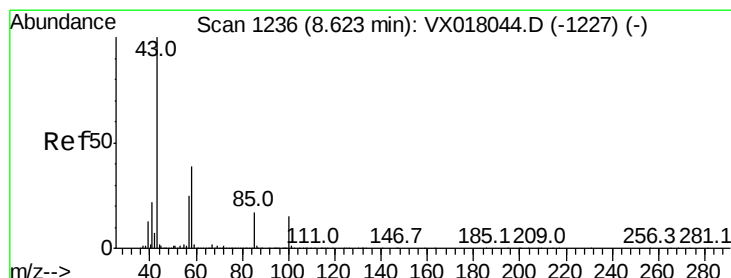
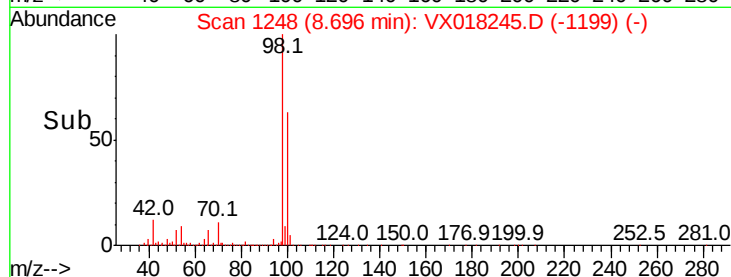
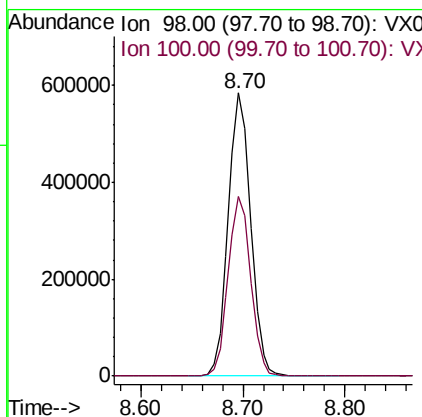
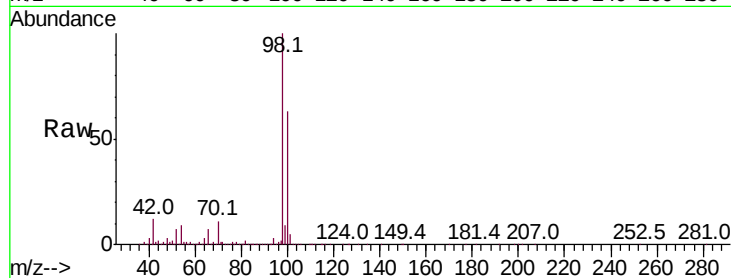
31216

Tot Ion: 98 Resp: 889486

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 1.944 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018245.D

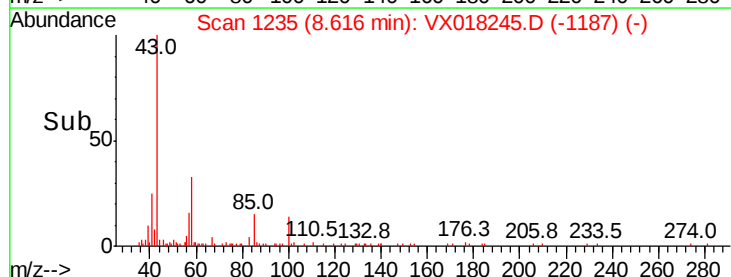
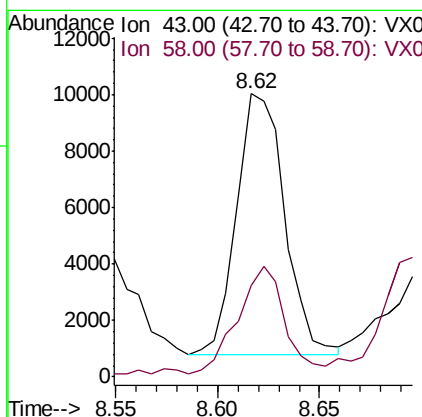
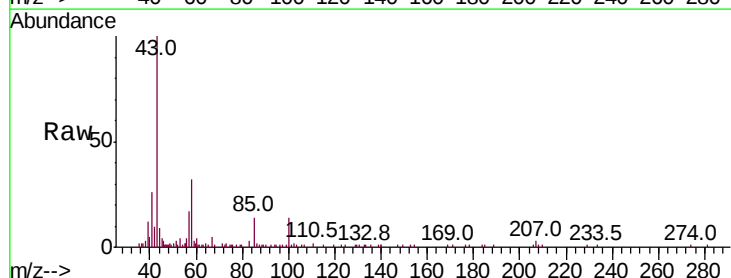
Acq: 03 Sep 2020 19:09

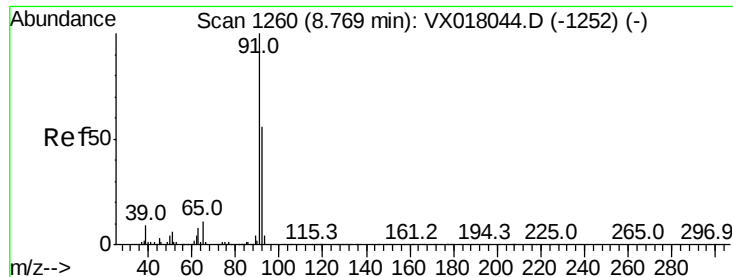
Tgt Ion: 43 Resp: 15168

Ion Ratio Lower Upper

43 100

58 41.1 30.7 46.1





#52

Toluene

Concen: 0.420 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

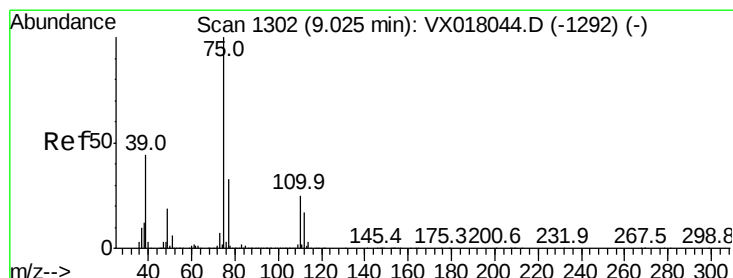
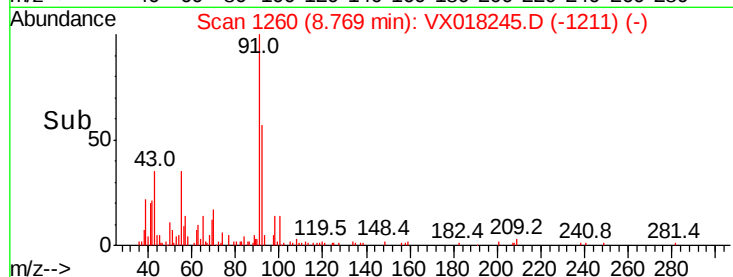
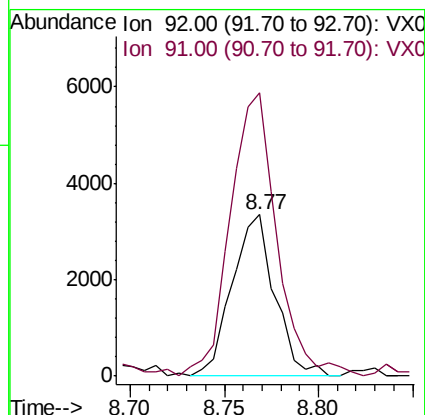
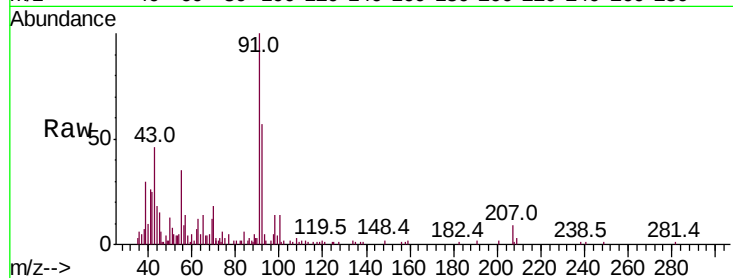
31216

Tot Ion: 92 Resp: 5271

Ion Ratio Lower Upper

92 100

91 190.7 140.3 210.5



#53

t-1,3-Dichloropropene

Concen: 0.697 ug/l

RT: 9.04 min Scan# 1304

Delta R.T. 0.01 min

Lab File: VX018245.D

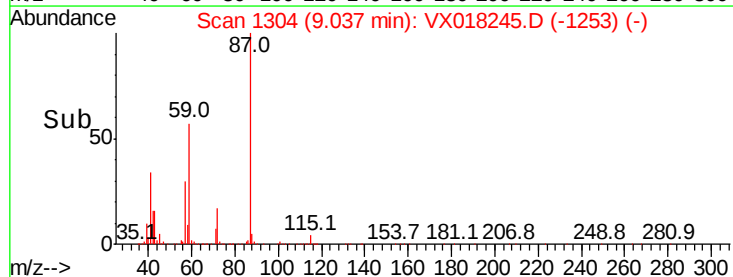
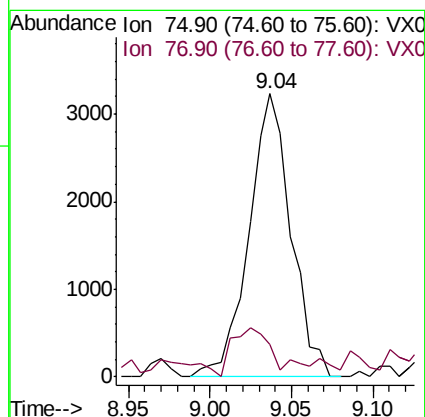
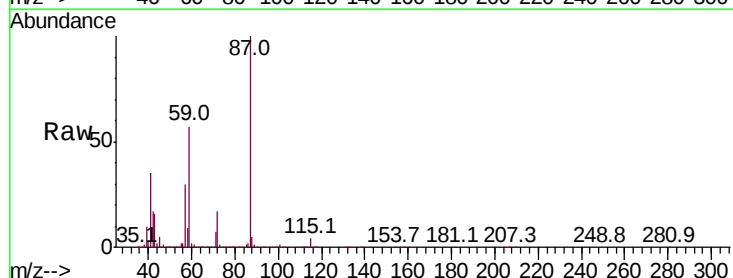
Acq: 03 Sep 2020 19:09

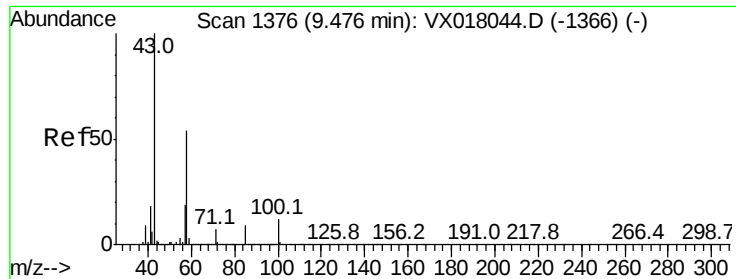
Tgt Ion: 75 Resp: 5784

Ion Ratio Lower Upper

75 100

77 12.3 26.6 39.8#





#59

2-Hexanone

Concen: 1.229 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

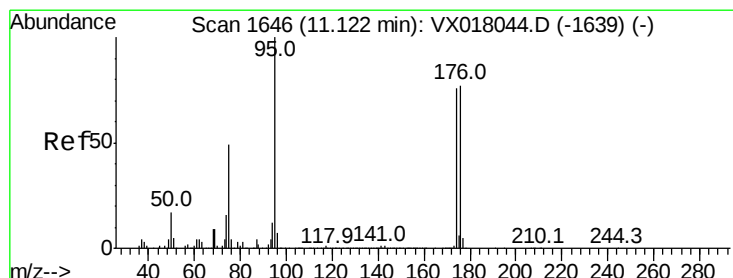
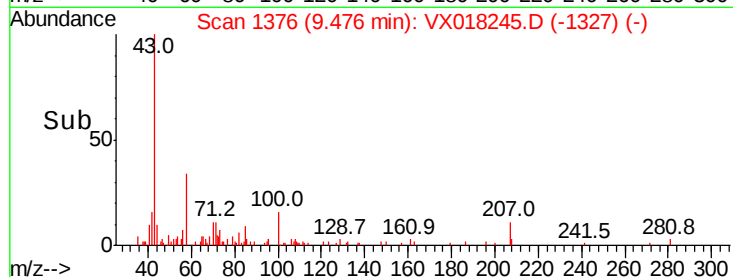
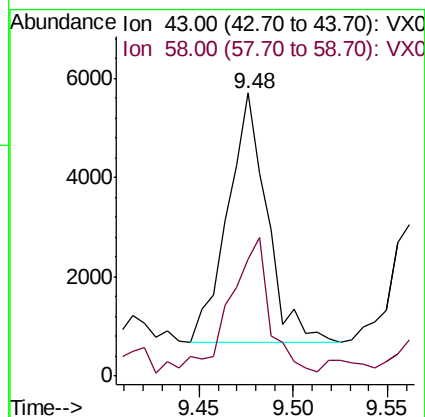
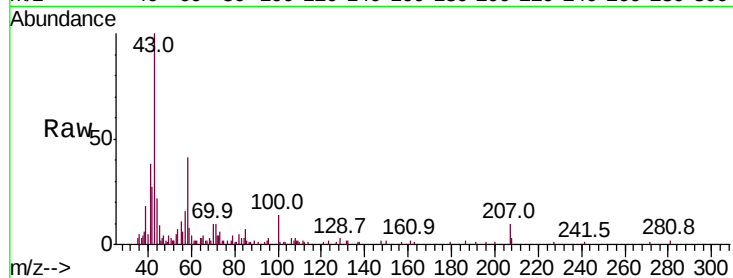
31216

Tot Ion: 43 Resp: 7291

Ion Ratio Lower Upper

43 100

58 51.9 26.6 79.7



#62

4-Bromofluorobenzene

Concen: 46.495 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

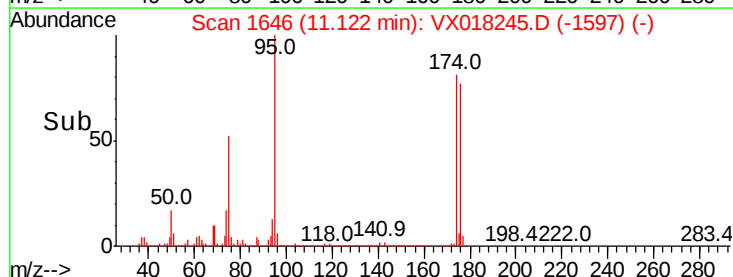
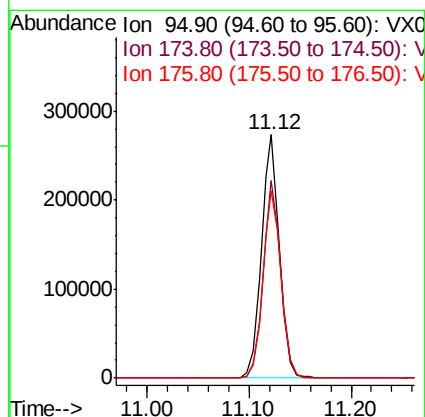
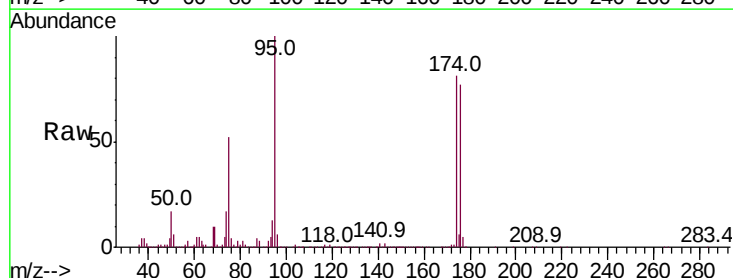
Tgt Ion: 95 Resp: 338737

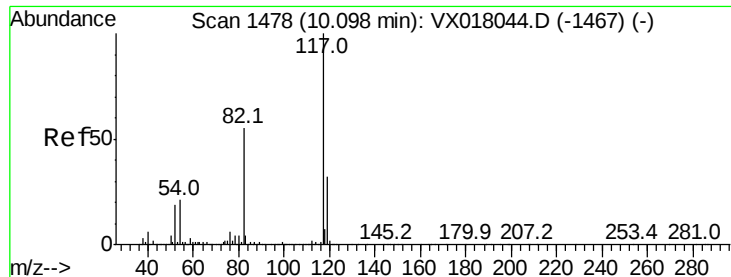
Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.2

176 77.5 0.0 155.8

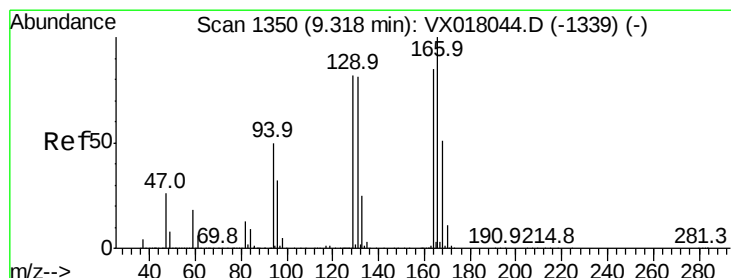
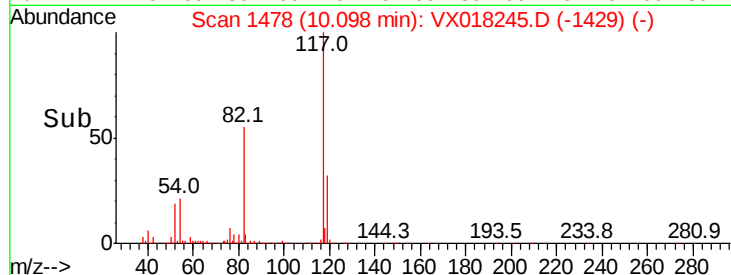
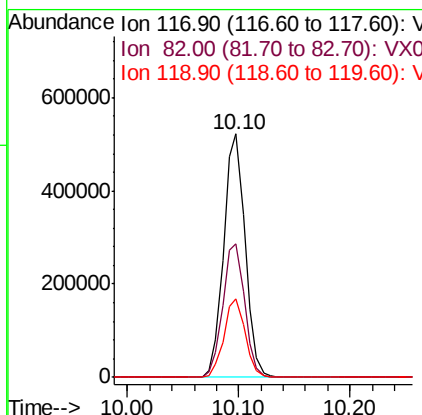
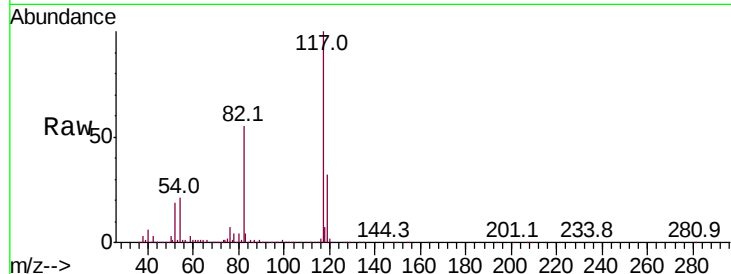




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

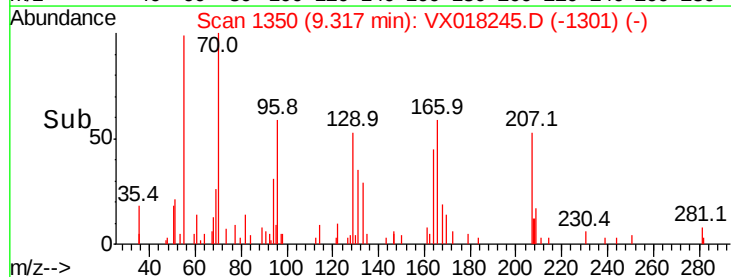
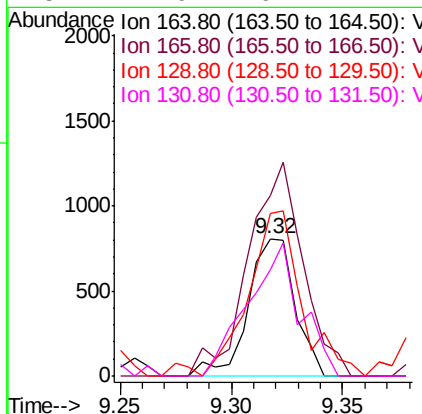
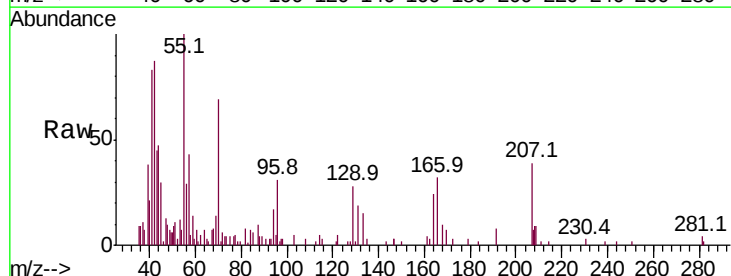
Instrument :
MSVOA_X
ClientSampleId :
31216

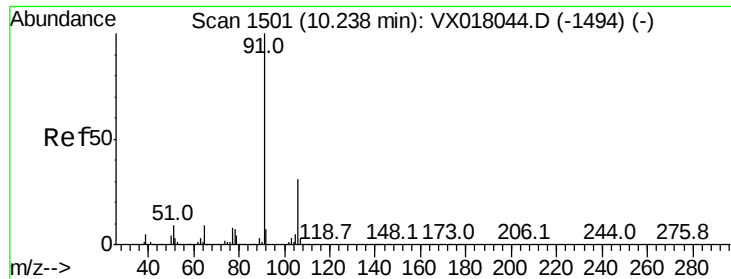
Tot Ion:117 Resp: 694014
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 0.232 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

Tgt Ion:164 Resp: 1183
Ion Ratio Lower Upper
164 100
166 132.0 94.2 141.2
129 111.8 76.9 115.3
131 77.9 76.1 114.1





#67

Ethyl Benzene

Concen: 0.222 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampled :

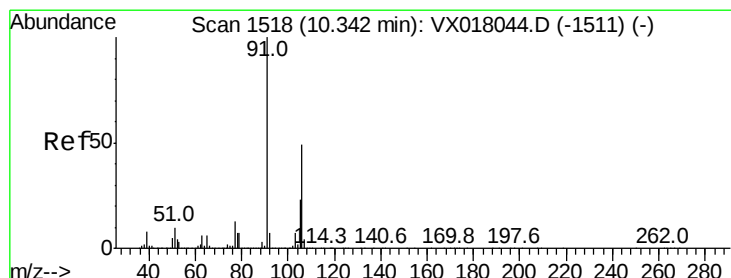
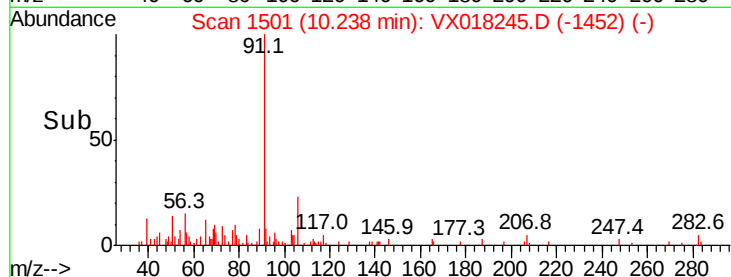
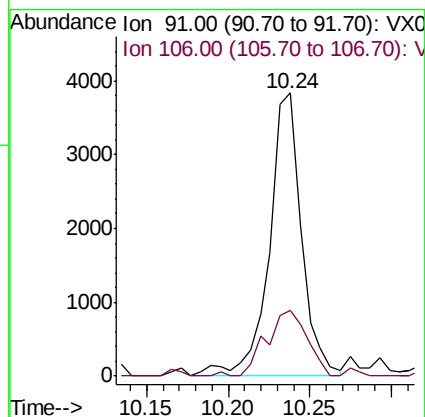
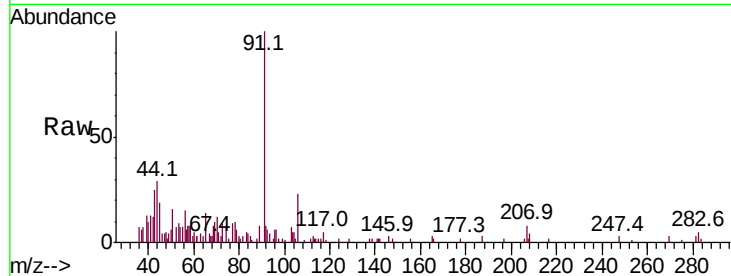
31216

Tot Ion: 91 Resp: 5238

Ion Ratio Lower Upper

91 100

106 23.6 24.9 37.3#



#68

m/p-Xylenes

Concen: 0.429 ug/l

RT: 10.34 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VX018245.D

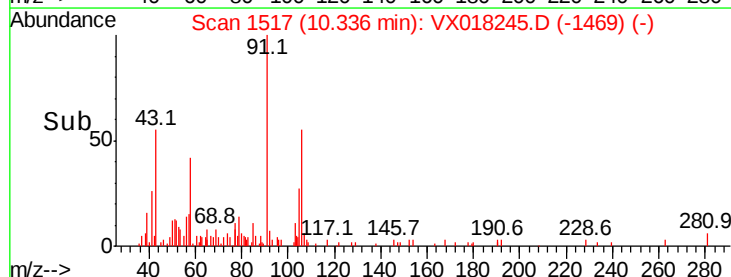
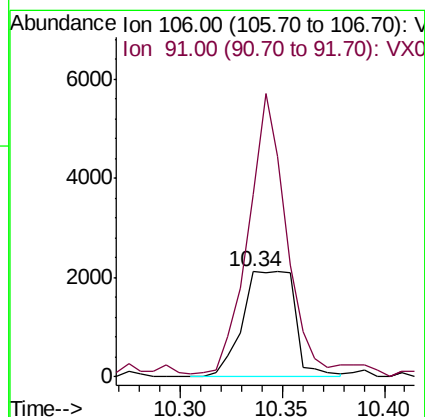
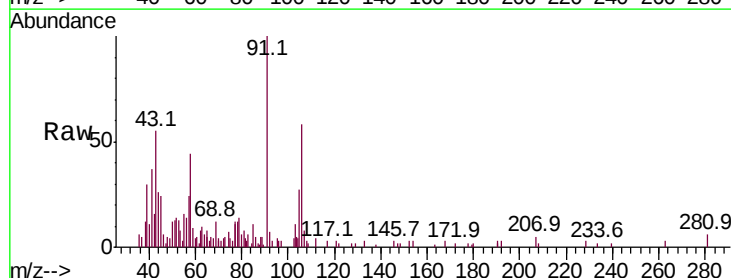
Acq: 03 Sep 2020 19:09

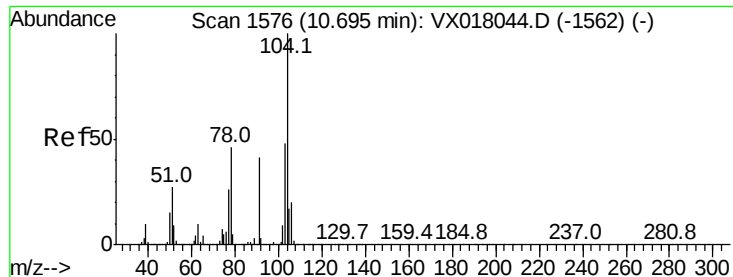
Tgt Ion: 106 Resp: 3778

Ion Ratio Lower Upper

106 100

91 205.3 162.2 243.2

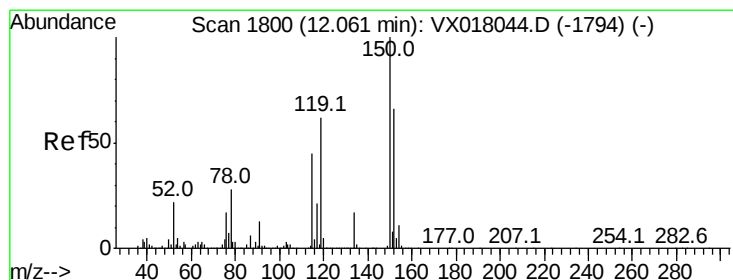
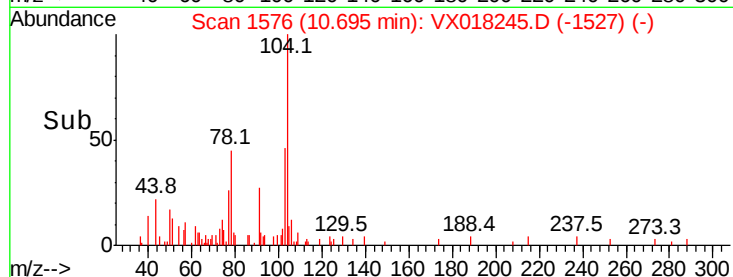
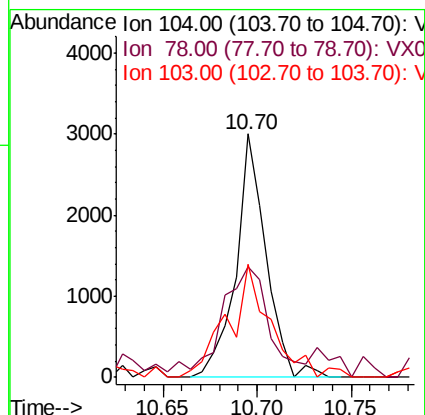
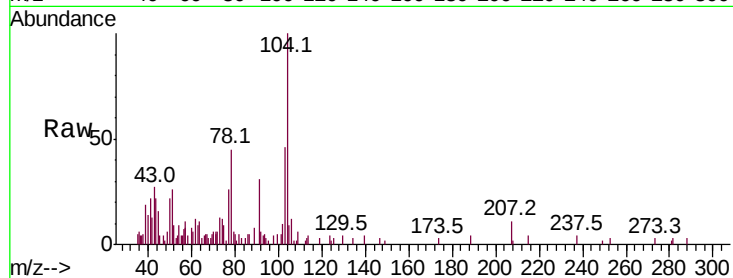




#70
Stvrene
Concen: 0.230 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

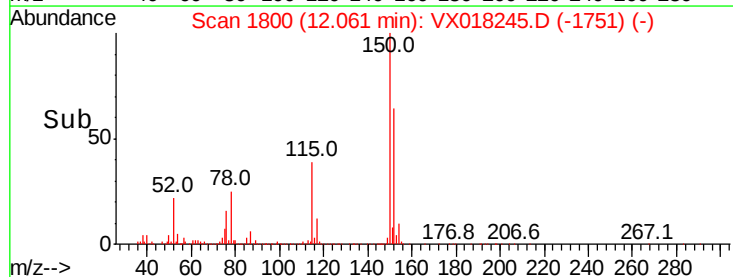
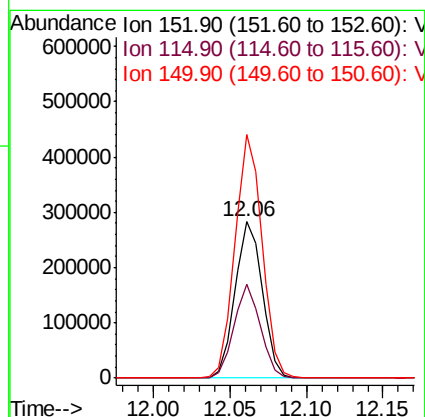
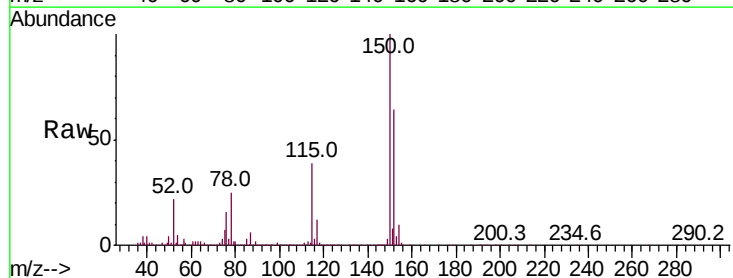
Instrument :
MSVOA_X
ClientSampleId :
31216

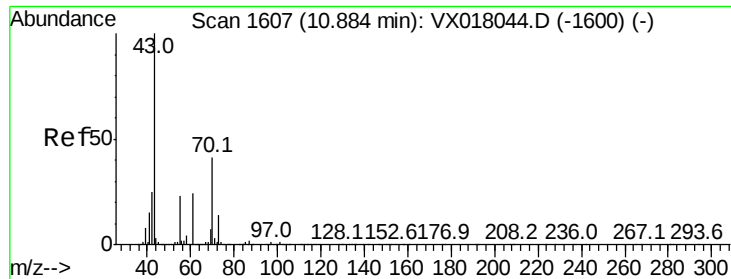
Tot Ion	Ratio	Lower	Upper
104	100		
78	69.2	40.9	61.3#
103	66.2	43.6	65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	41.5	124.5
150	153.7	0.0	343.8





#74

N-amvl acetate

Concen: 0.303 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampled :

31216

Tot Ion: 43 Resp: 3326

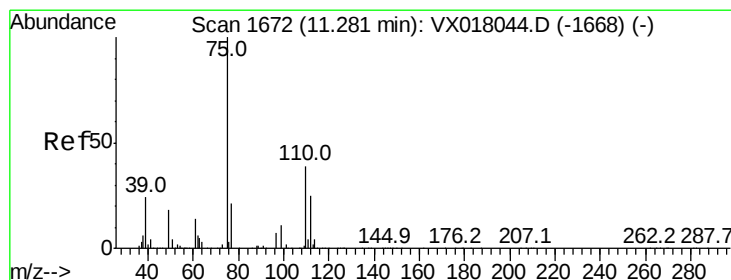
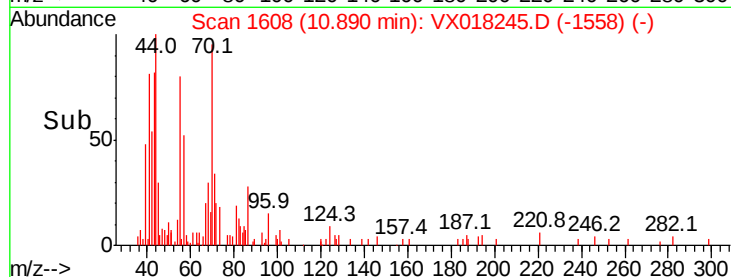
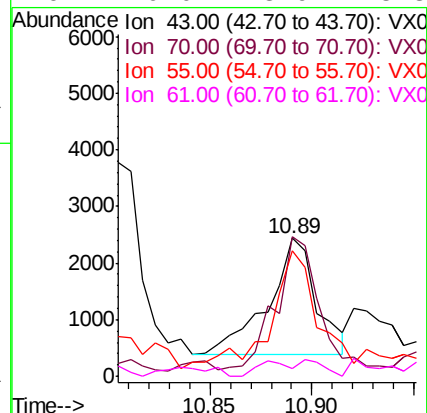
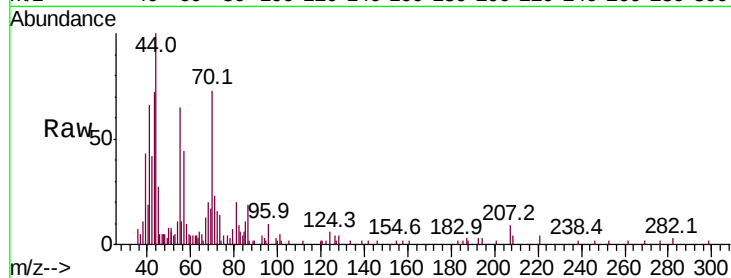
Ion Ratio Lower Upper

43 100

70 104.8 32.3 48.5#

55 85.4 18.2 27.2#

61 0.0 18.9 28.3#



#76

1,2,3-Trichloropropane

Concen: 22.307 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018245.D

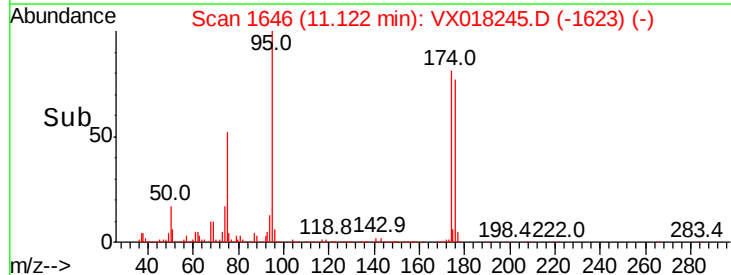
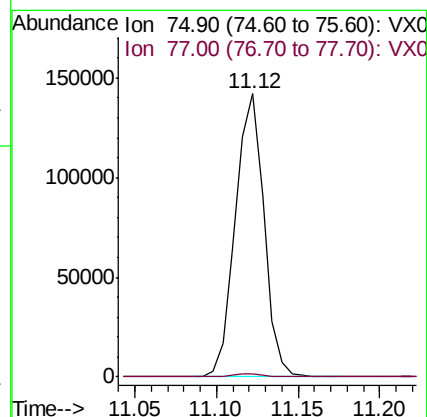
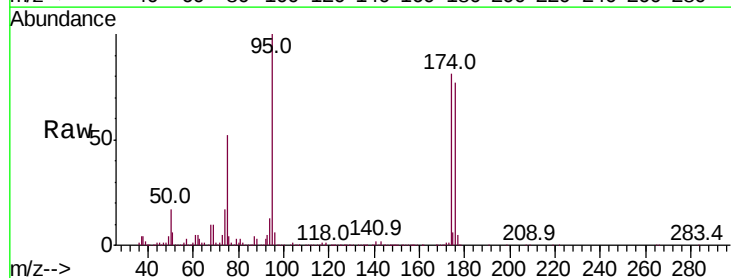
Acq: 03 Sep 2020 19:09

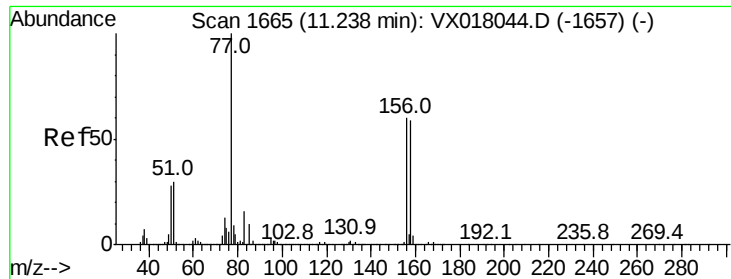
Tgt Ion: 75 Resp: 173769

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.2#





#77

Bromobenzene

Concen: 0.221 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

31216

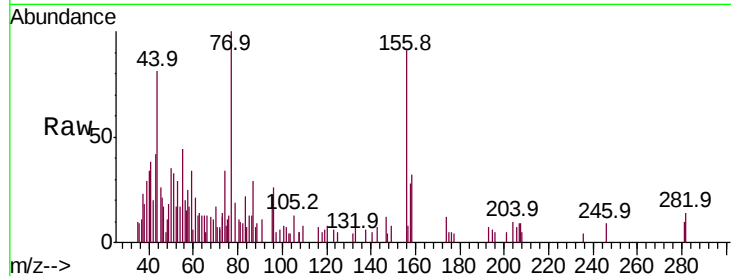
Tot Ion:156 Resp: 1414

Ion Ratio Lower Upper

156 100

77 138.0 80.0 240.2

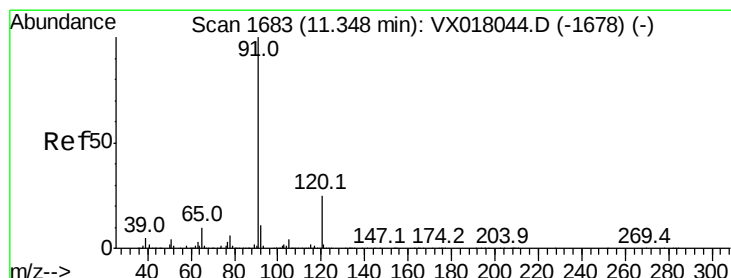
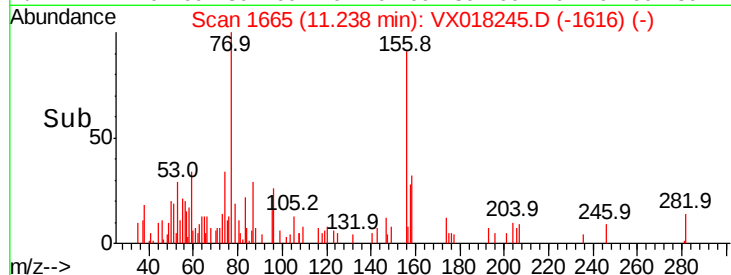
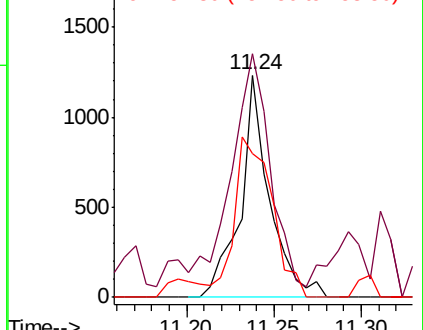
158 94.0 49.5 148.7



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: 0.230 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018245.D

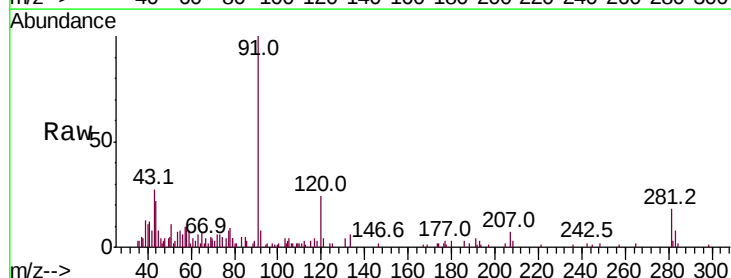
Acq: 03 Sep 2020 19:09

Tgt Ion: 91 Resp: 6032

Ion Ratio Lower Upper

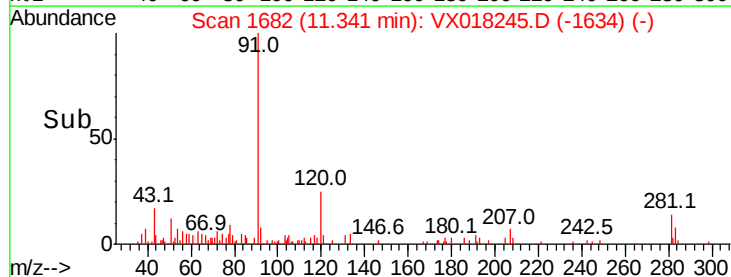
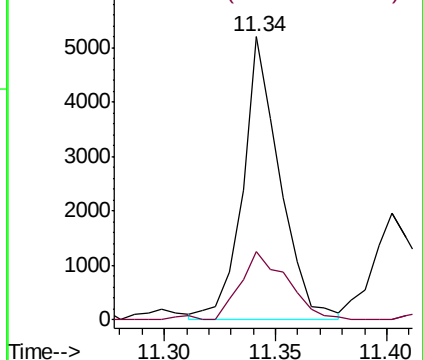
91 100

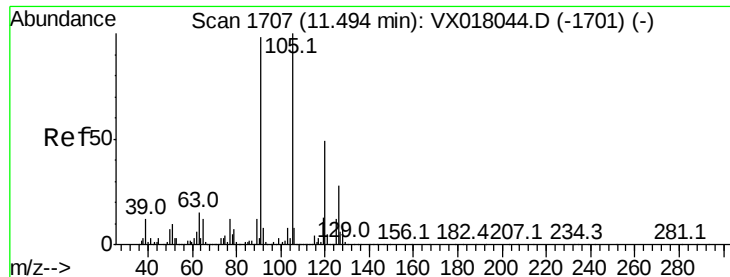
120 30.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.200 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

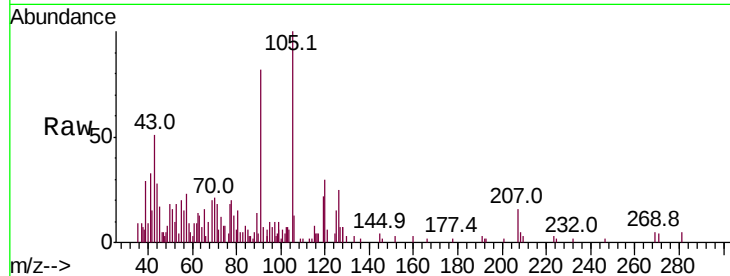
31216

Tot Ion:105 Resp: 3797

Ion Ratio Lower Upper

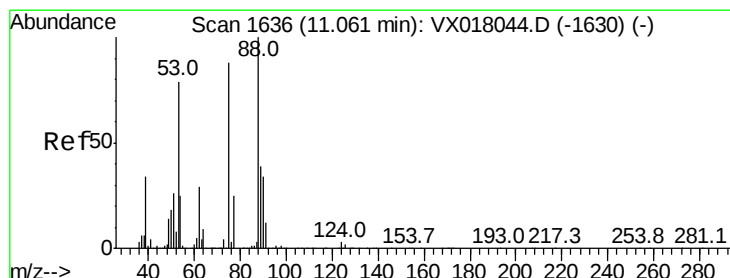
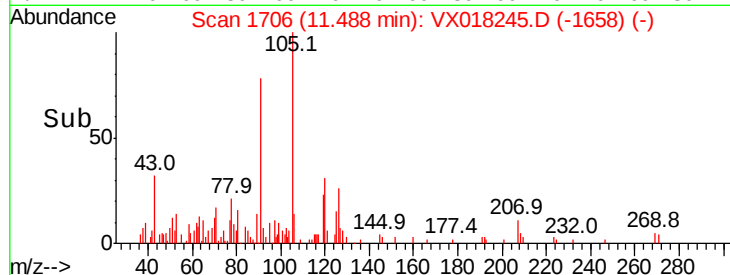
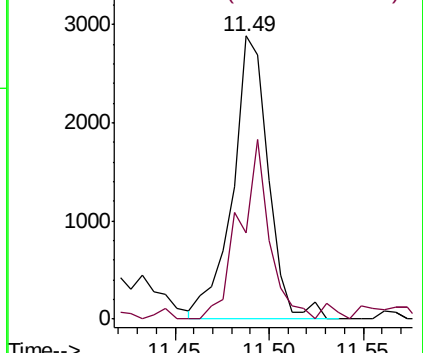
105 100

120 53.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 60.249 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

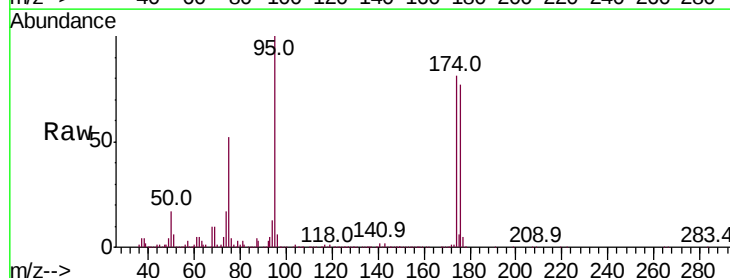
Tgt Ion: 75 Resp: 173769

Ion Ratio Lower Upper

75 100

53 0.4 74.7 112.1#

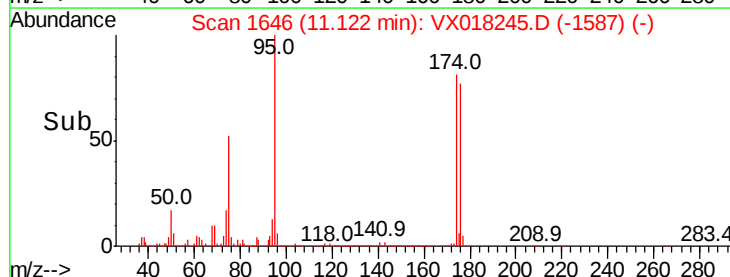
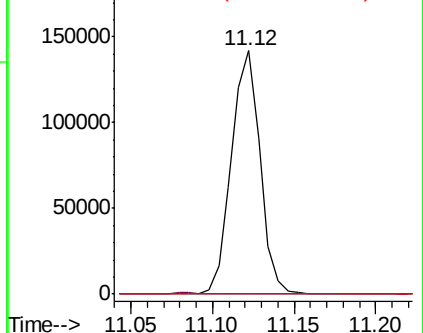
89 0.0 36.6 54.8#

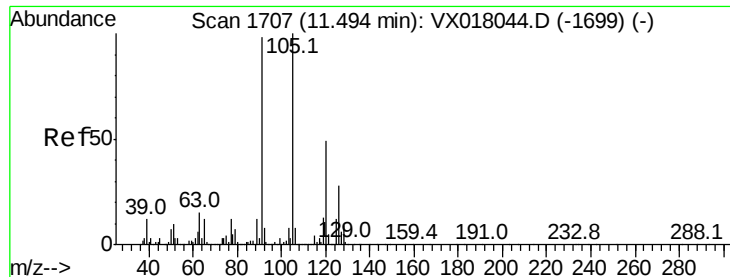


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

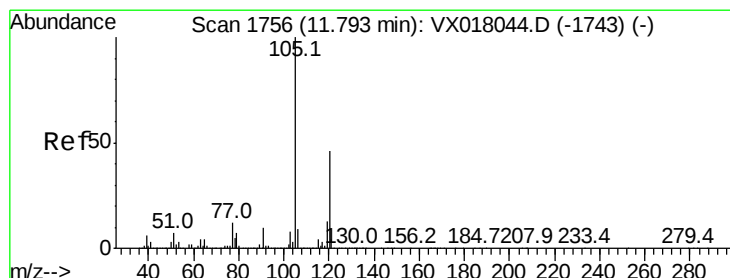
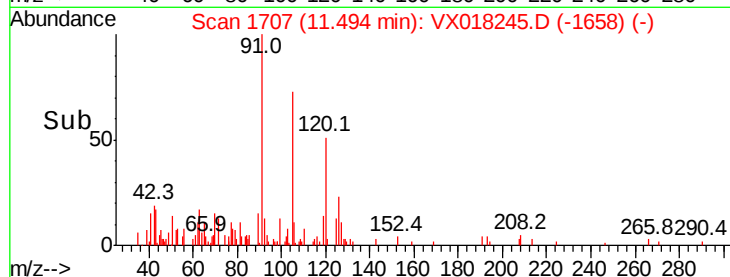
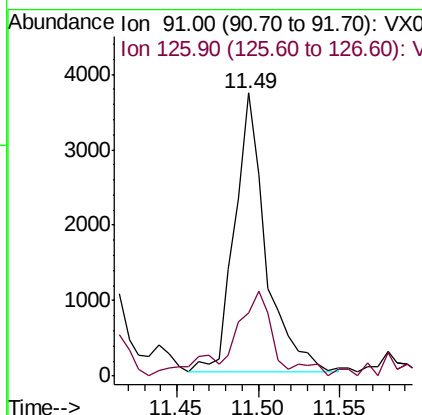
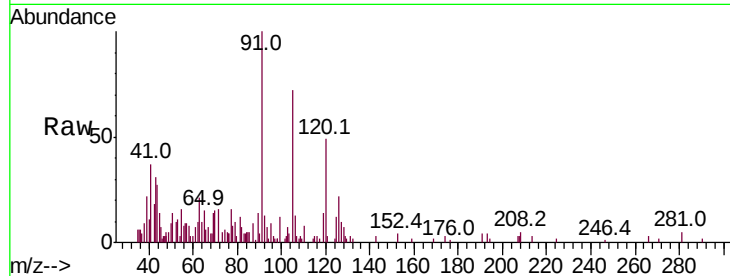




#82
4-Chlorotoluene
Concen: 0.256 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

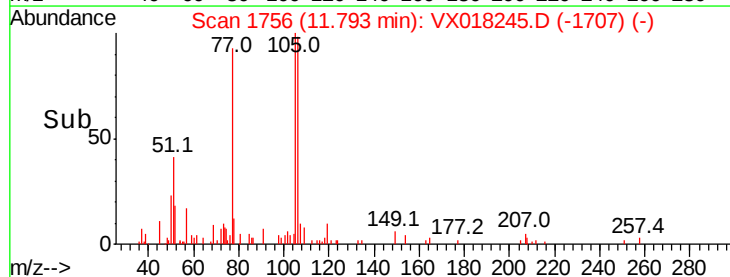
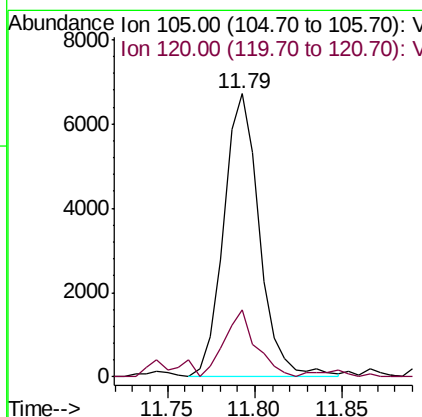
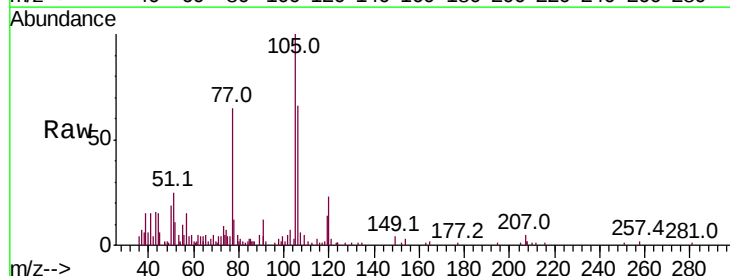
Instrument :
MSVOA_X
ClientSampled :
31216

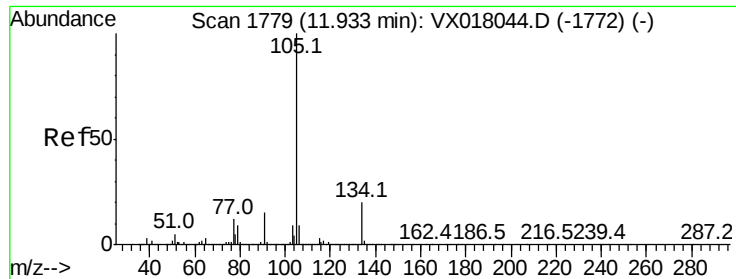
Tot Ion: 91 Resp: 4923
Ion Ratio Lower Upper
91 100
126 38.7 15.1 45.3



#84
1,2,4-Trimethylbenzene
Concen: 0.493 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

Tgt Ion: 105 Resp: 9567
Ion Ratio Lower Upper
105 100
120 20.7 22.3 66.9#





#85

sec-Butylbenzene

Concen: 0.258 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

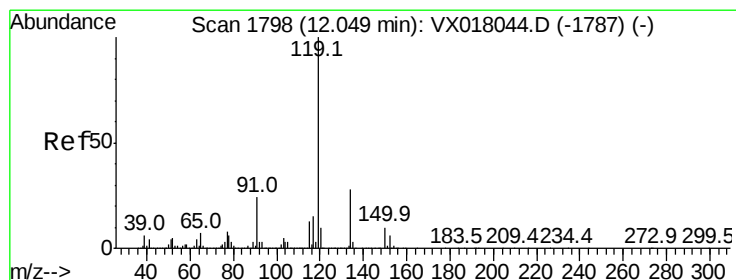
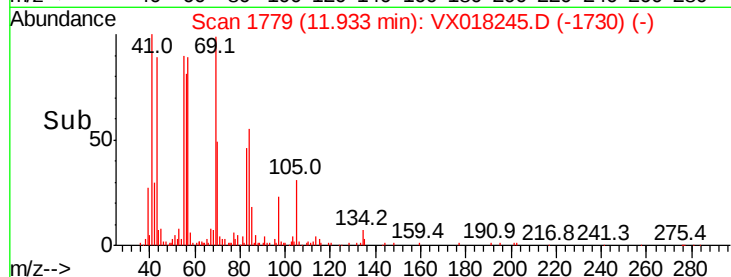
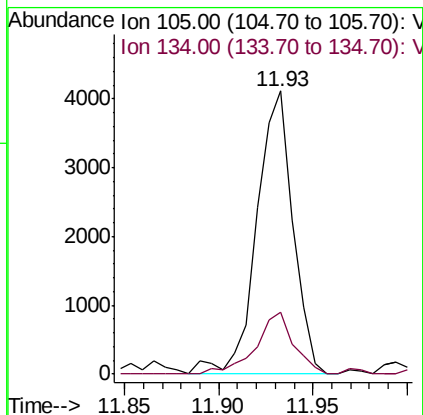
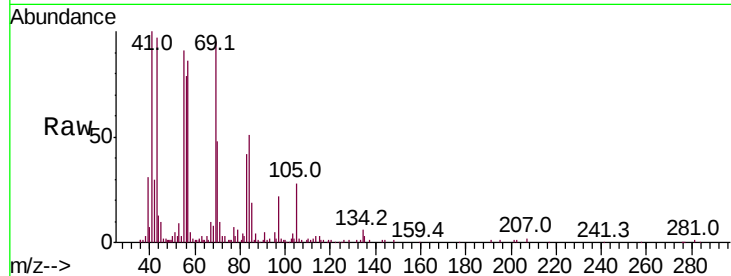
31216

Tot Ion:105 Resp: 5498

Ion Ratio Lower Upper

105 100

134 22.9 10.1 30.3



#86

p-Isopropyltoluene

Concen: 0.305 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

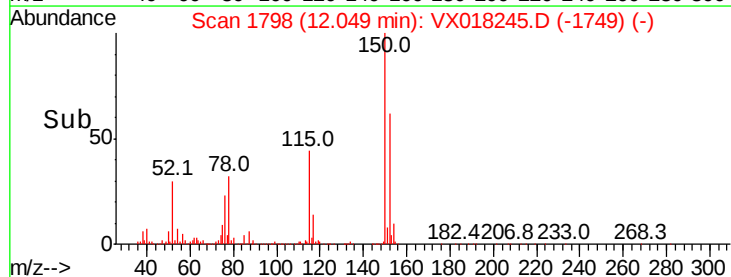
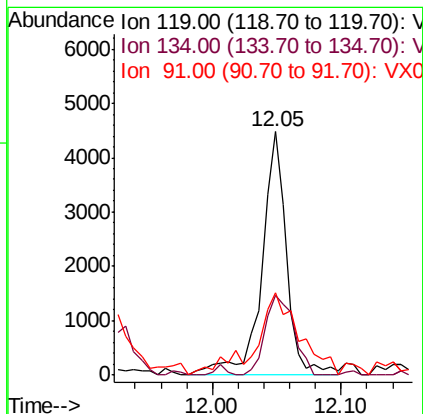
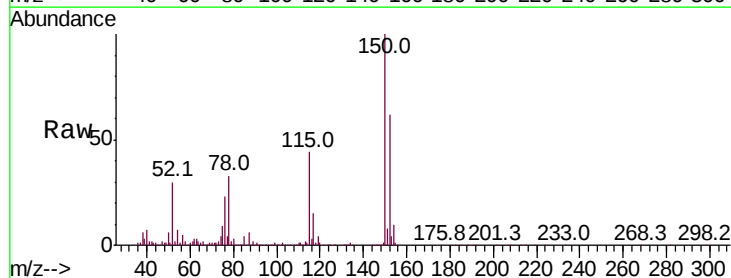
Tgt Ion:119 Resp: 5976

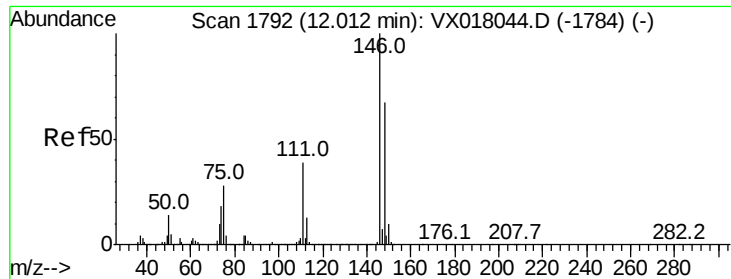
Ion Ratio Lower Upper

119 100

134 38.3 13.2 39.5

91 50.6 11.8 35.4#





#87

1,3-Dichlorobenzene

Concen: 0.353 ug/l

RT: 12.01 min Scan# 1792

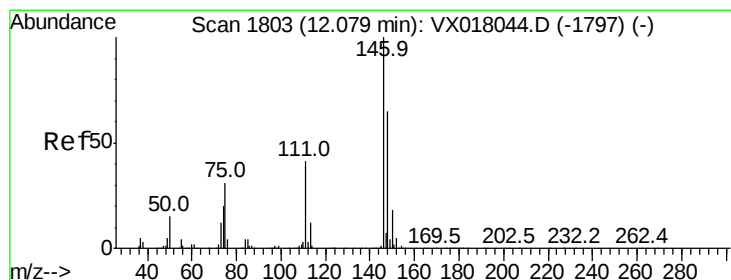
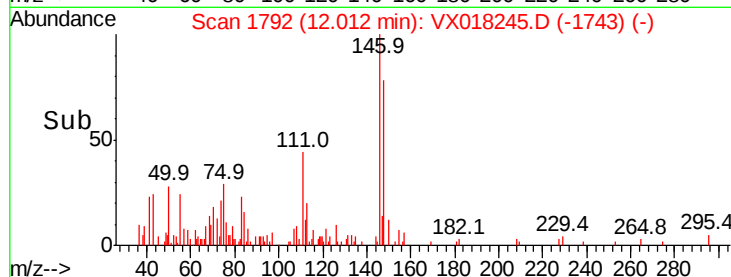
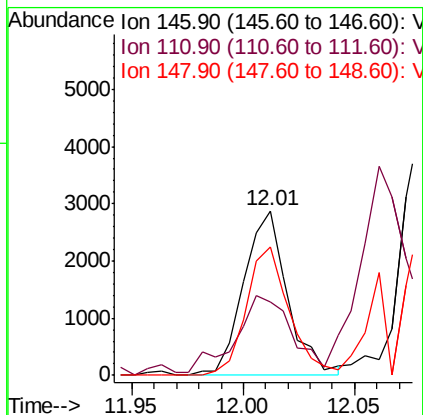
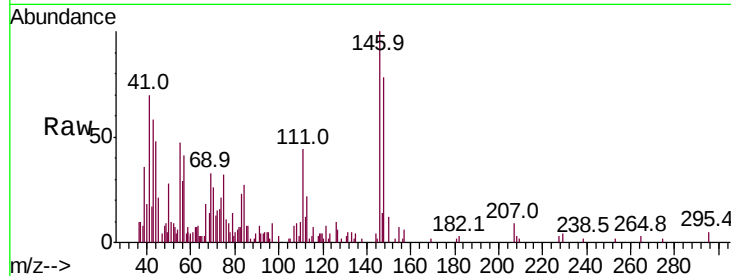
Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :
MSVOA_X
ClientSampled :
31216

Tot Ion	Ratio	Lower	Upper
146	100		
111	64.1	20.6	61.8#
148	76.4	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 0.464 ug/l

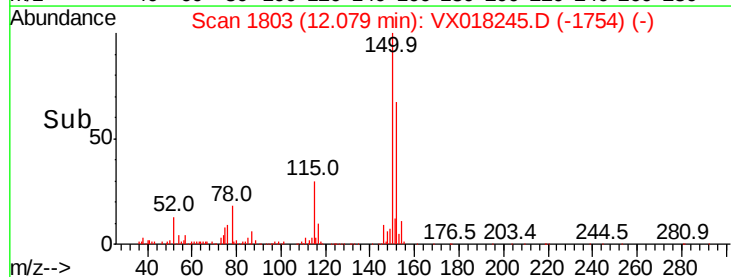
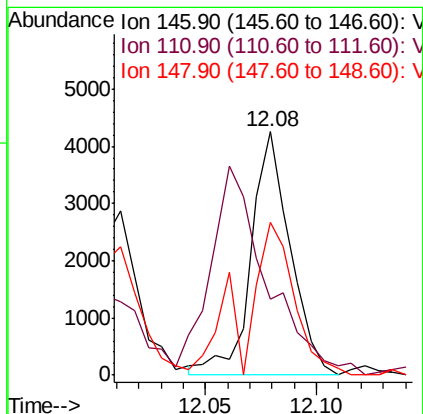
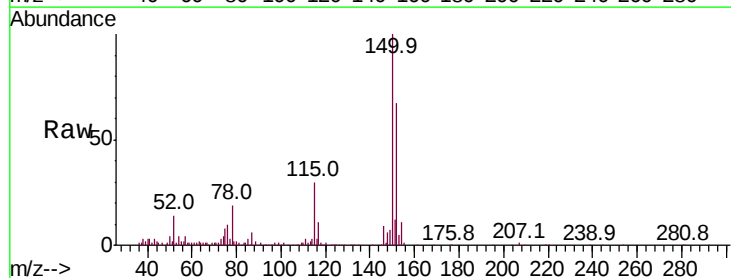
RT: 12.08 min Scan# 1803

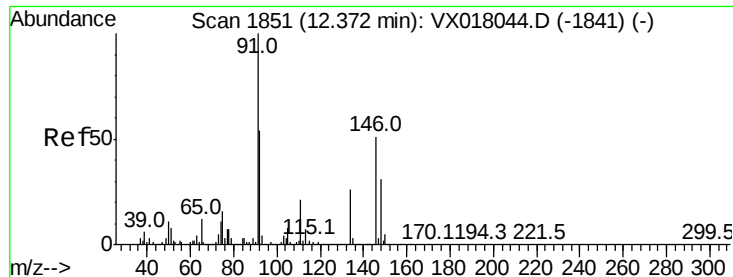
Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.8#
148	58.9	33.1	99.2

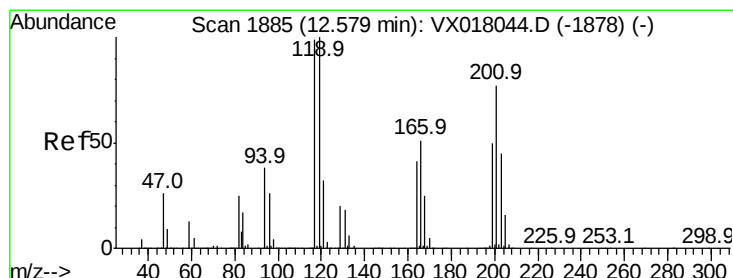
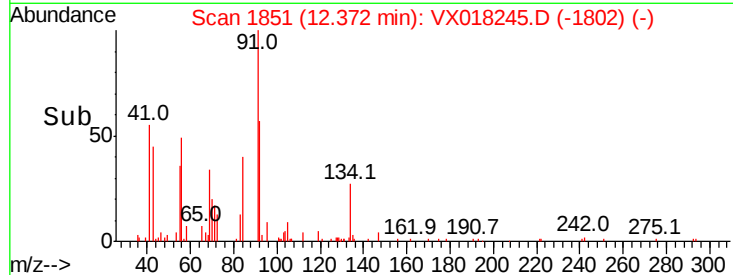
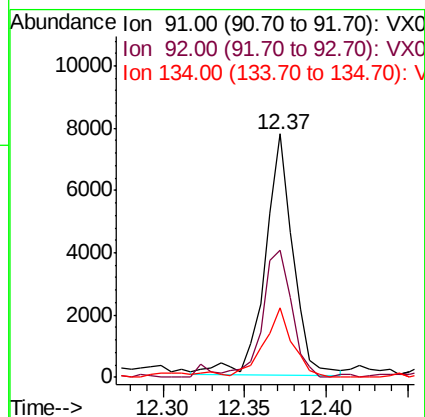
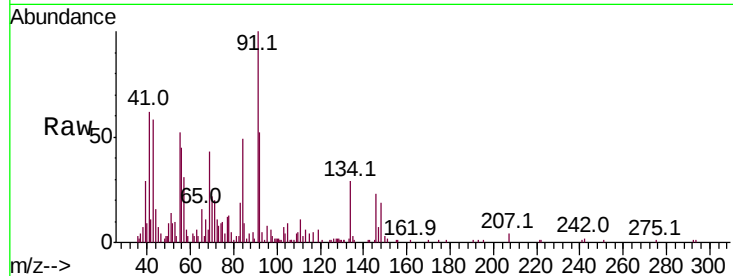




#89
n-Butylbenzene
Concen: 0.520 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

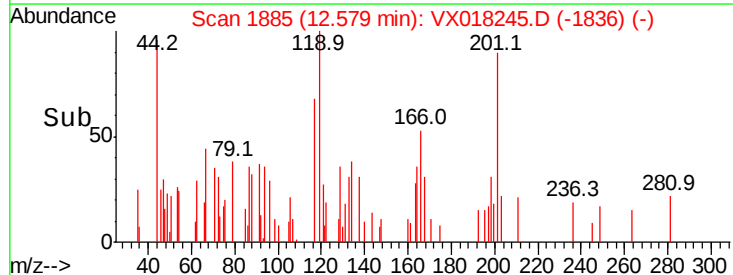
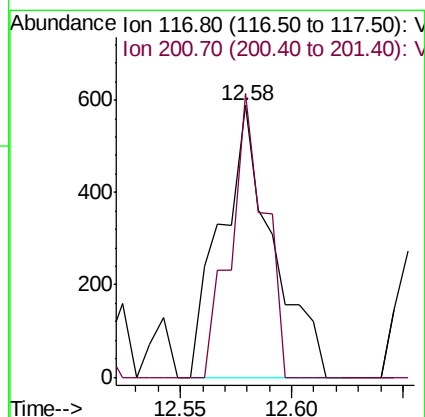
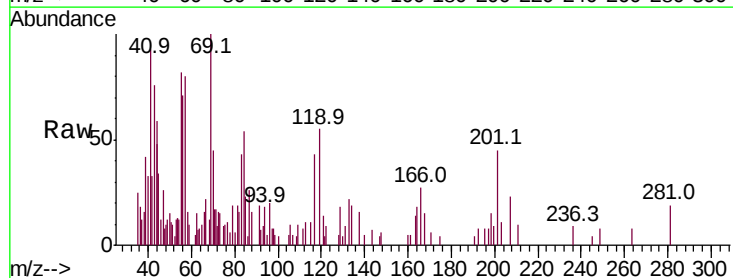
Instrument :
MSVOA_X
ClientSampled :
31216

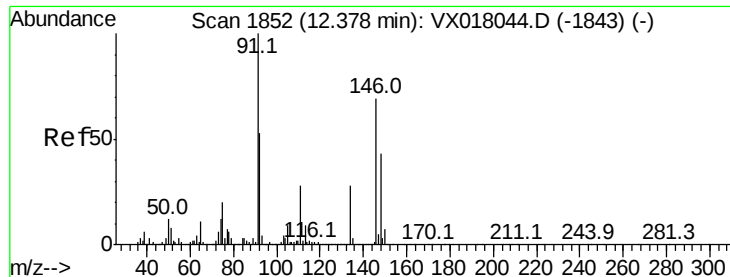
Tot Ion: 91 Resp: 9286
Ion Ratio Lower Upper
91 100
92 55.1 26.4 79.2
134 29.1 12.9 38.7



#90
Hexachloroethane
Concen: 0.246 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018245.D
Acq: 03 Sep 2020 19:09

Tgt Ion: 117 Resp: 948
Ion Ratio Lower Upper
117 100
201 68.8 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 0.253 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampled :

31216

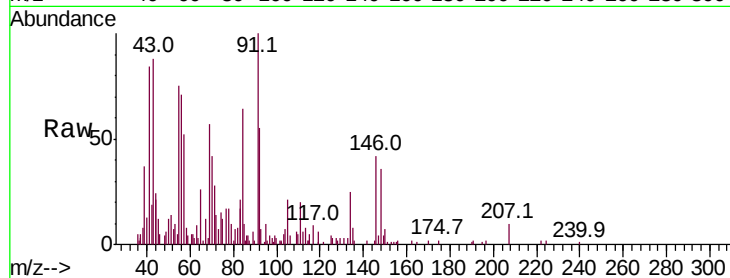
Tot Ion:146 Resp: 2672

Ion Ratio Lower Upper

146 100

111 48.4 20.8 62.5

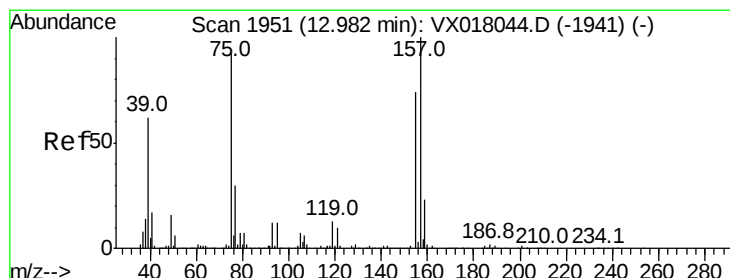
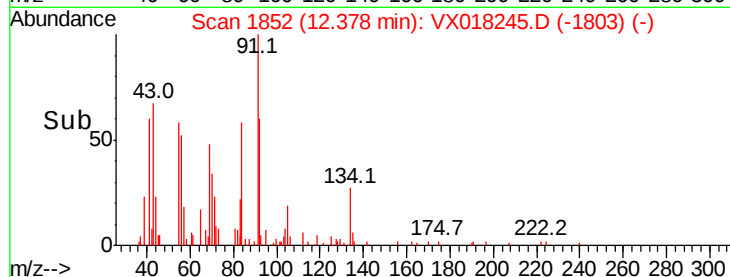
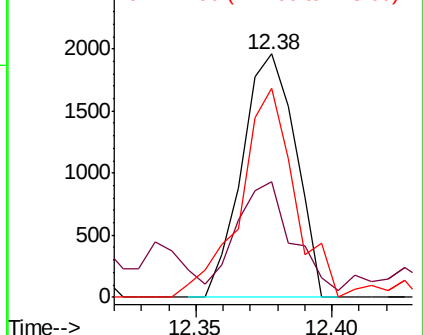
148 87.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.576 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

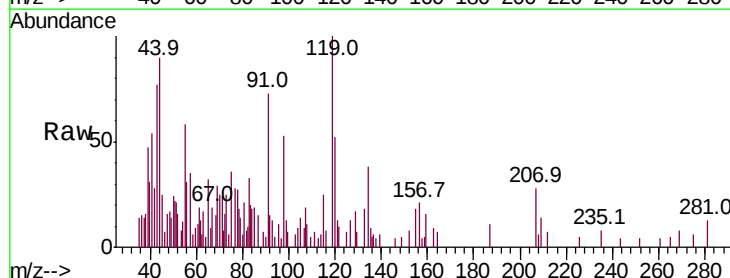
Tgt Ion: 75 Resp: 1174

Ion Ratio Lower Upper

75 100

155 20.4 40.2 120.6#

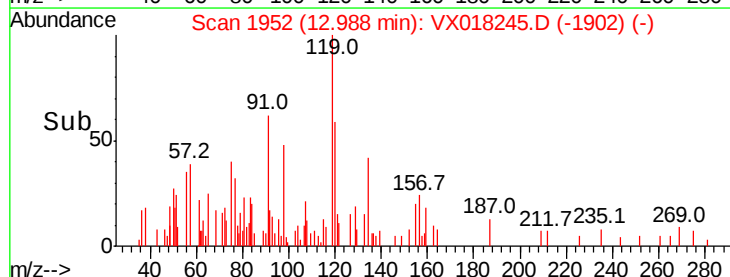
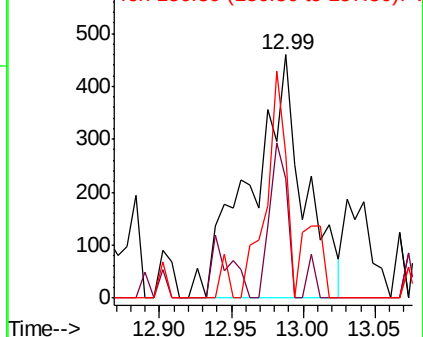
157 33.7 55.0 165.2#

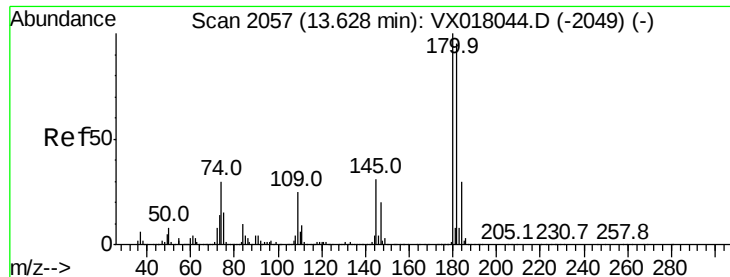


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

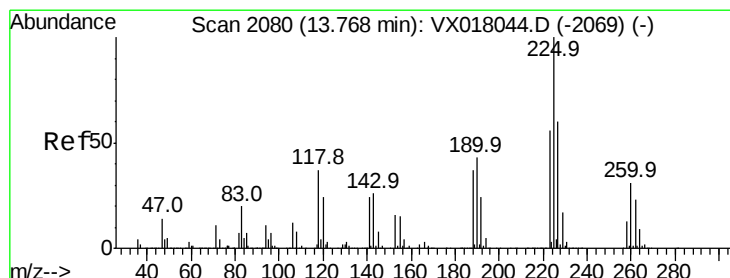
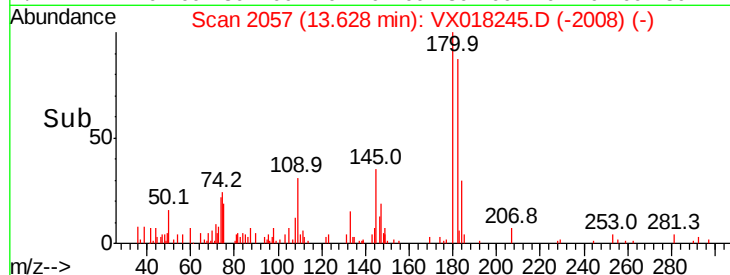
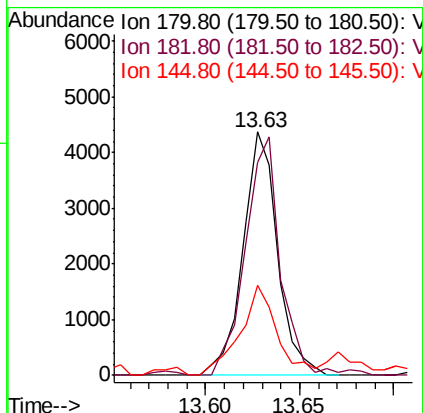
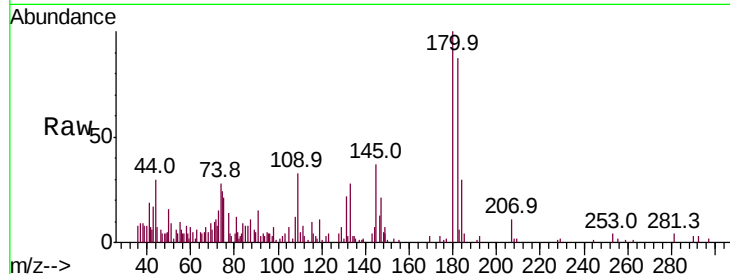




#93
 1,2,4-Trichlorobenzene
 Concen: 0.791 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018245.D
 Acq: 03 Sep 2020 19:09

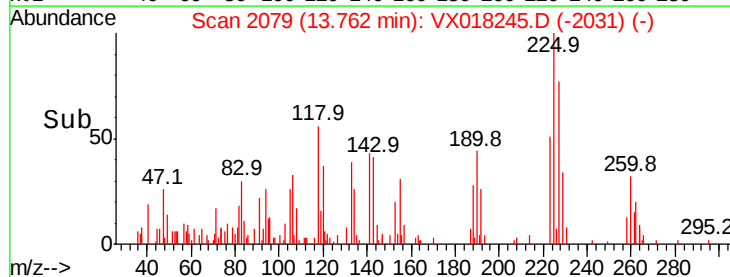
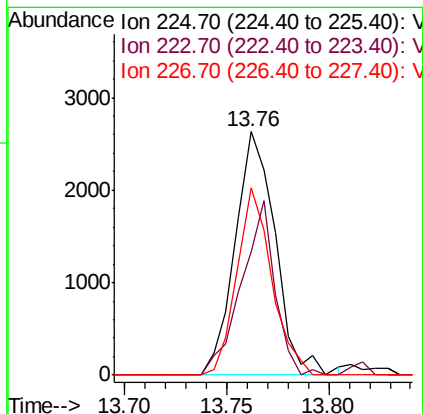
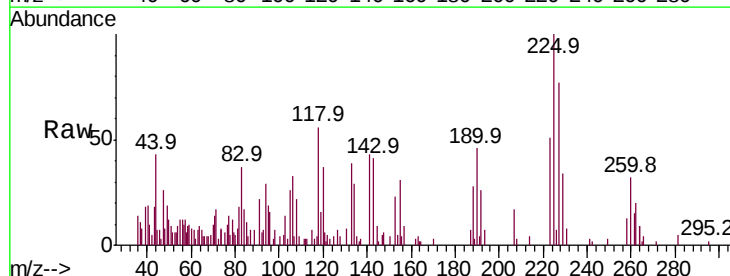
Instrument :
 MSVOA_X
 ClientSampleId :
 31216

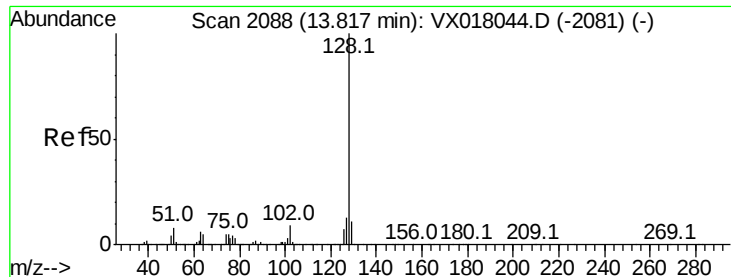
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.5	142.6
145	39.7	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 1.297 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018245.D
 Acq: 03 Sep 2020 19:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	30.7	92.1
227	66.8	32.6	97.8





#95

Naphthalene

Concen: 2.333 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

Instrument :

MSVOA_X

ClientSampleId :

31216

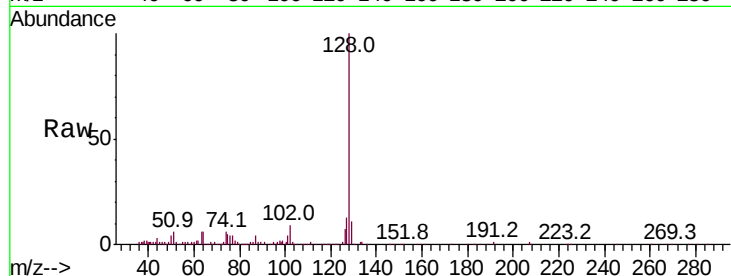
Tot Ion:128 Resp: 54034

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

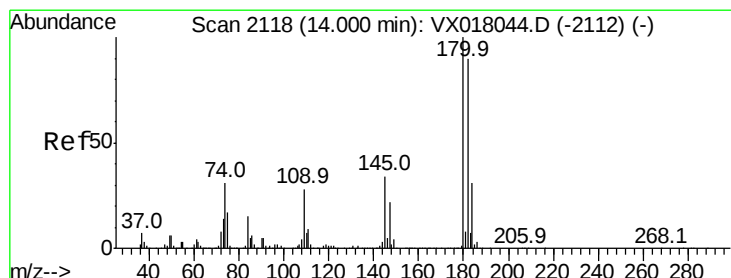
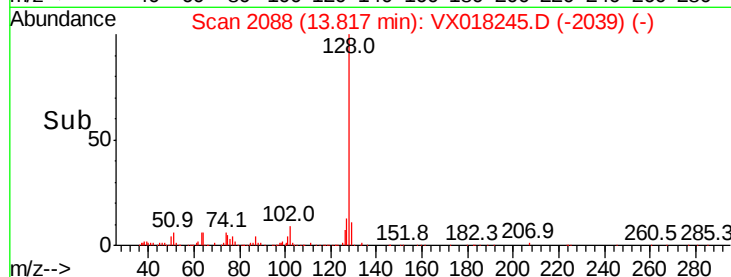
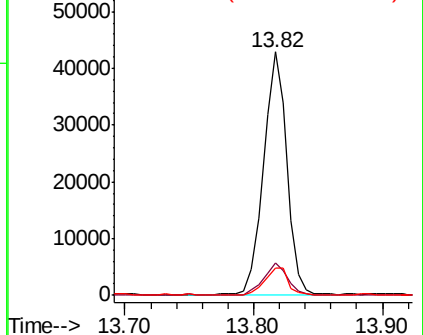
129 11.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.719 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018245.D

Acq: 03 Sep 2020 19:09

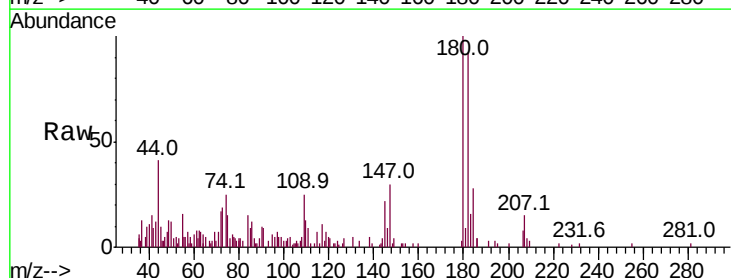
Tgt Ion:180 Resp: 4996

Ion Ratio Lower Upper

180 100

182 101.0 47.3 142.0

145 34.3 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

