

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
 Data File : VX018093.D
 Acq On : 27 Aug 2020 15:54
 Operator : JC/SP
 Sample : L3787-01
 Misc : 5.05µL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20071

Quant Time: Aug 28 03:03:15 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	5.62	168	406258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	625059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	558926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	272825	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	5.48	113	209197	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.70	98	748103	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.12	95	271412	43.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.02%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	1554	0.298	ug/l	96
5) Bromomethane	1.62	94	4698	1.876	ug/l	95
6) Chloroethane	1.71	64	829	0.297	ug/l #	46
10) Methyl Iodide	2.46	142	4952	6.368	ug/l	92
11) Tert butyl alcohol	3.15	59	52473	47.851	ug/l #	93
13) Acrolein	2.27	56	1346	2.960	ug/l #	34
16) Acetone	2.41	43	500	0.228	ug/l #	48
18) Methyl Acetate	2.77	43	5067	0.955	ug/l #	78
20) Methylene Chloride	2.82	84	6711	0.333	ug/l #	85
21) trans-1,2-Dichloroethene	3.12	96	1493	0.339	ug/l #	22
25) 2-Butanone	4.87	43	3045700	843.275	ug/l #	51
29) Tetrahydrofuran	4.87	42	398072	173.137	ug/l #	34
36) 1,1-Dichloropropene	5.63	75	29678	5.148	ug/l #	55
37) Ethyl Acetate	4.87	43	3116546	465.436	ug/l #	68
38) Carbon Tetrachloride	5.62	117	42625	6.561	ug/l #	17
41) Methacrylonitrile	4.87	41	1701467	462.788	ug/l #	45
43) Isopropyl Acetate	6.45	43	3910	0.362	ug/l #	76
44) Trichloroethene	7.19	130	1231	0.257	ug/l	39
46) Dibromomethane	7.64	93	703	0.219	ug/l #	77
48) Methyl methacrylate	7.73	41	4651	0.864	ug/l #	42
49) 1,4-Dioxane	7.71	88	99	1.015	ug/l #	32
68) m/p-Xylenes	10.34	106	2482	0.350	ug/l #	68
69) o-Xylene	10.68	106	1670	0.243	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	141345	21.741	ug/l #	36
78) n-propylbenzene	11.35	91	4897	0.224	ug/l	84
79) 2-Chlorotoluene	11.41	91	2722	0.201	ug/l	87
80) 1,3,5-Trimethylbenzene	11.49	105	4825	0.305	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.12	75	141345	58.719	ug/l #	12
82) 4-Chlorotoluene	11.49	91	3962	0.246	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	11234	0.694	ug/l	83
85) sec-Butylbenzene	11.93	105	7169	0.403	ug/l	98
86) p-Isopropyltoluene	12.05	119	5378	0.329	ug/l #	80
87) 1,3-Dichlorobenzene	12.01	146	2823	0.302	ug/l	82
88) 1,4-Dichlorobenzene	12.01	146	2823	0.301	ug/l	83

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 Response via : Initial Calibration

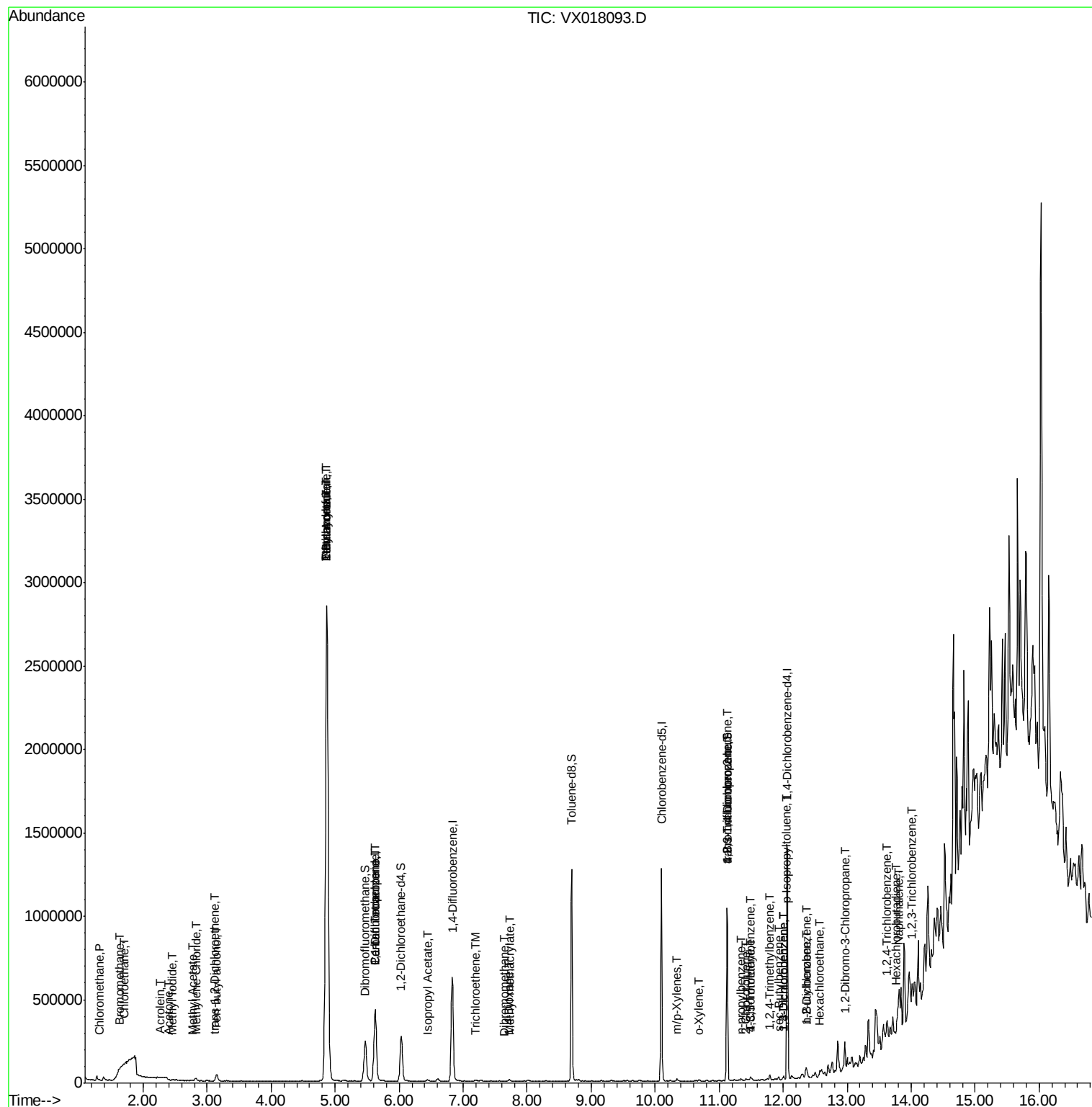
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	12526	0.840	ug/l #	64
90) Hexachloroethane	12.57	117	1488	0.463	ug/l #	36
91) 1,2-Dichlorobenzene	12.38	146	1943	0.221	ug/l #	51
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1021	0.600	ug/l #	32
93) 1,2,4-Trichlorobenzene	13.63	180	5865	0.999	ug/l #	1
94) Hexachlorobutadiene	13.76	225	2017	0.871	ug/l	84
95) Naphthalene	13.82	128	91605	4.740	ug/l #	87
96) 1,2,3-Trichlorobenzene	14.01	180	5149	0.887	ug/l #	1

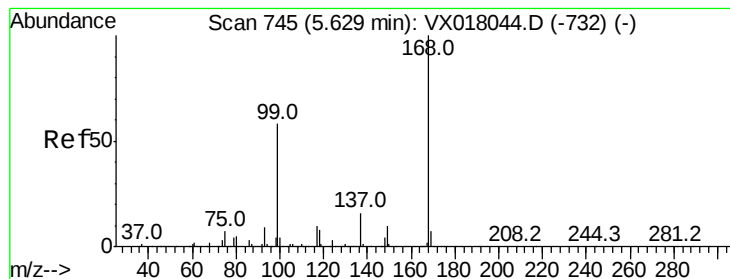
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082720\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

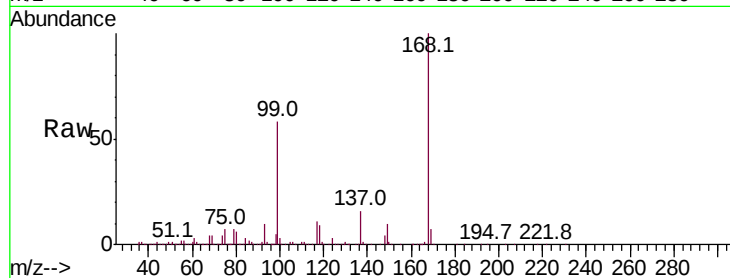
20071

Tot Ion:168 Resp: 406258

Ion Ratio Lower Upper

168 100

99 58.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

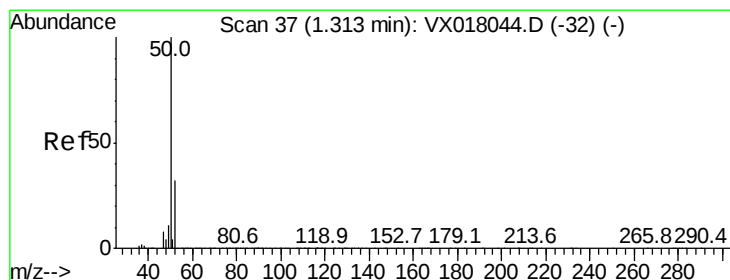
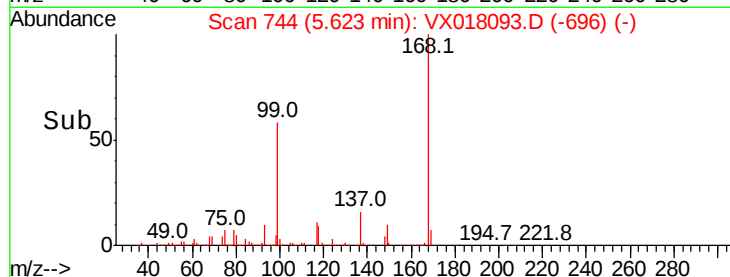
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.298 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018093.D

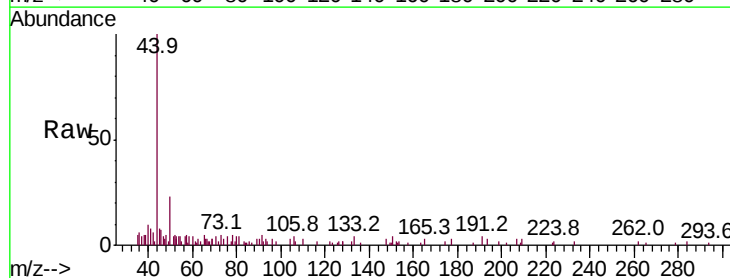
Acq: 27 Aug 2020 15:54

Tgt Ion: 50 Resp: 1554

Ion Ratio Lower Upper

50 100

52 29.3 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

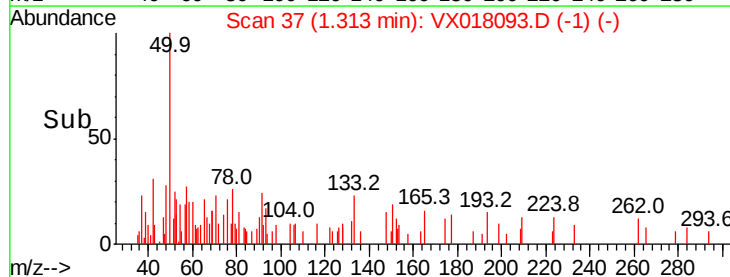
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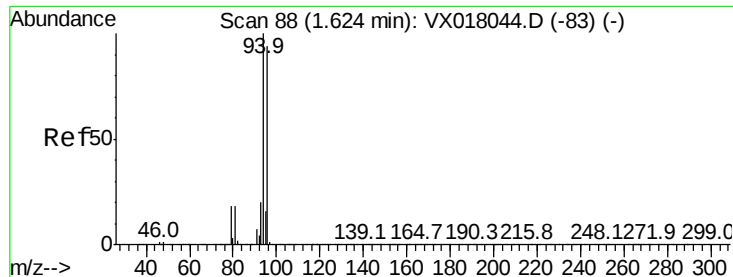
500

0

1.30 1.35

Time-->





#5

Bromomethane

Concen: 1.876 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

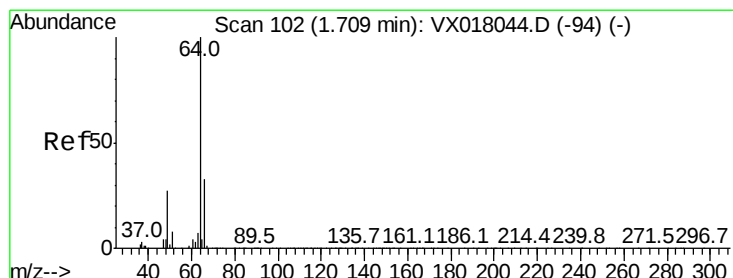
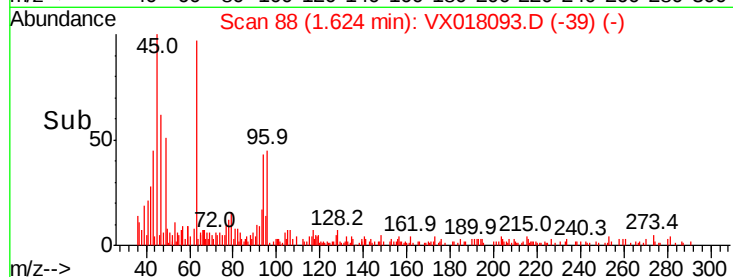
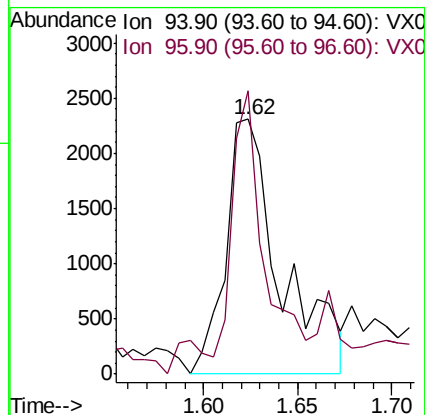
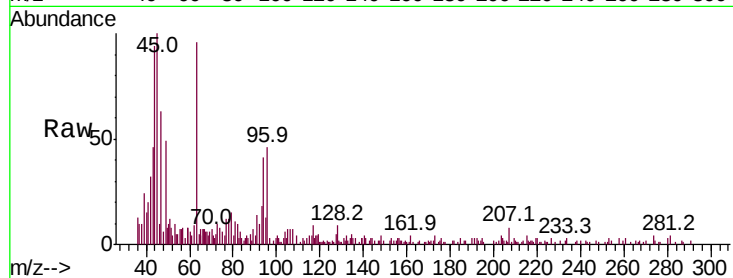
20071

Tot Ion: 94 Resp: 4698

Ion Ratio Lower Upper

94 100

96 97.8 74.8 112.2



#6

Chloroethane

Concen: 0.297 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018093.D

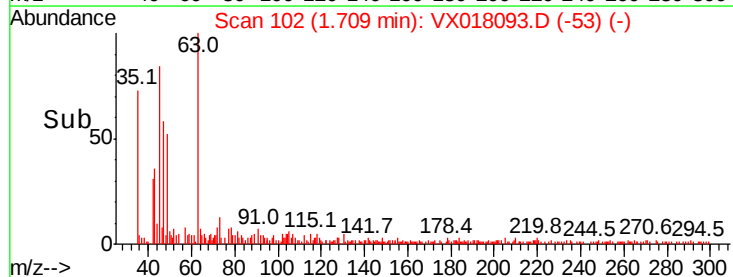
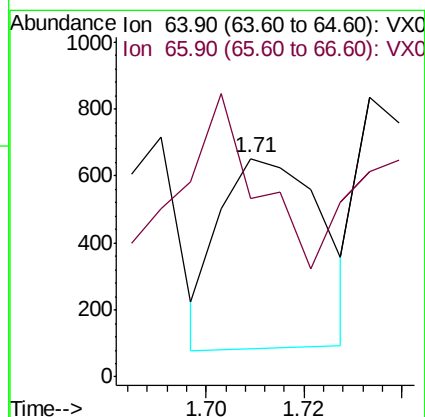
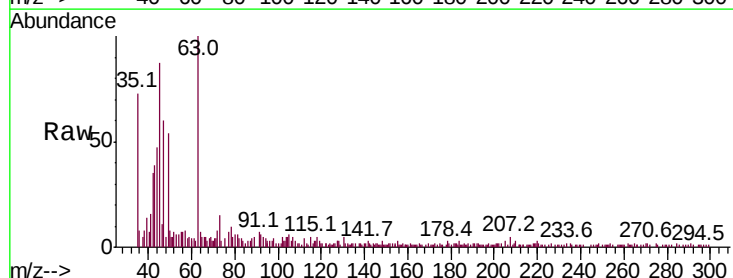
Acq: 27 Aug 2020 15:54

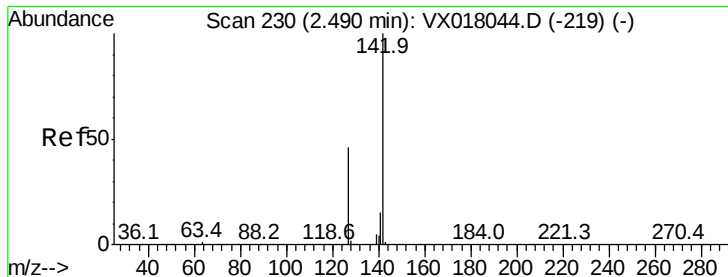
Tgt Ion: 64 Resp: 829

Ion Ratio Lower Upper

64 100

66 2.8 26.6 39.8#

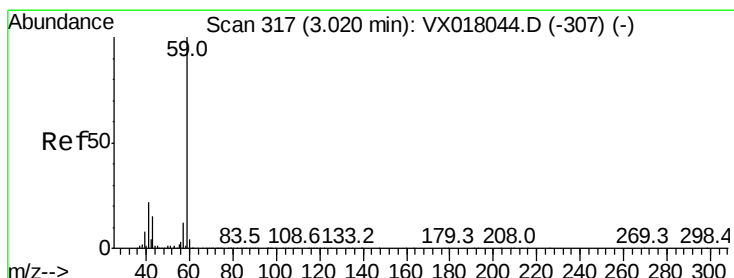
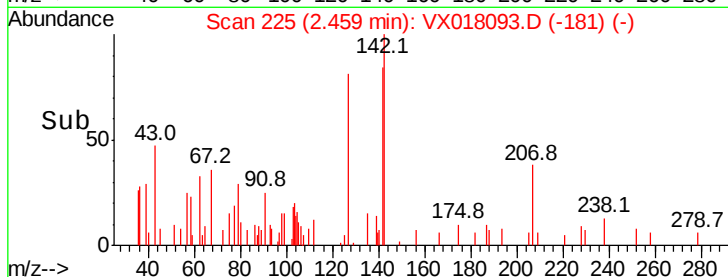
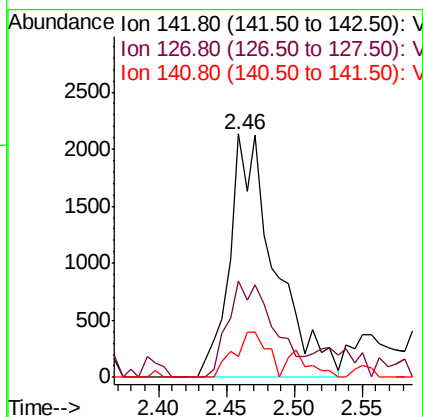
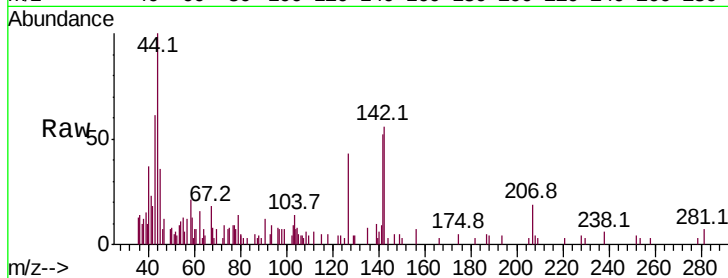




#10
Methvl Iodide
Concen: 6.368 ug/l
RT: 2.46 min Scan# 225
Delta R.T. -0.03 min
Lab File: VX018093.D
Acq: 27 Aug 2020 15:54

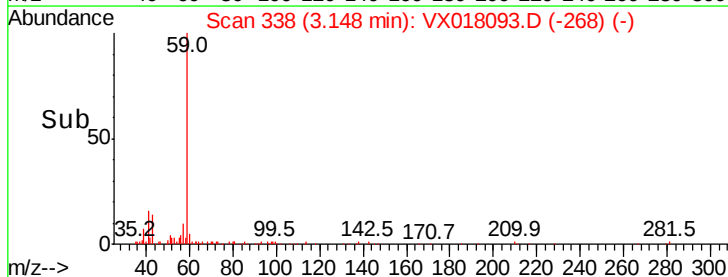
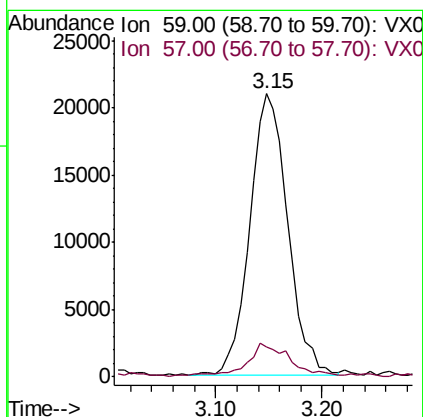
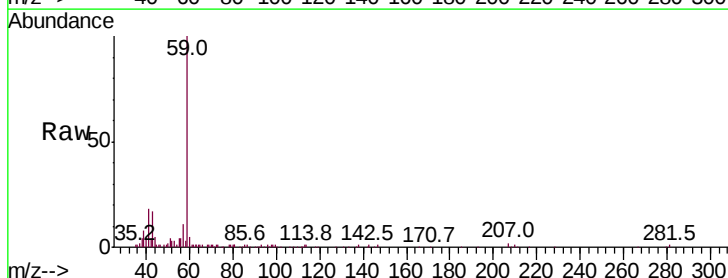
Instrument :
MSVOA_X
ClientSampled :
20071

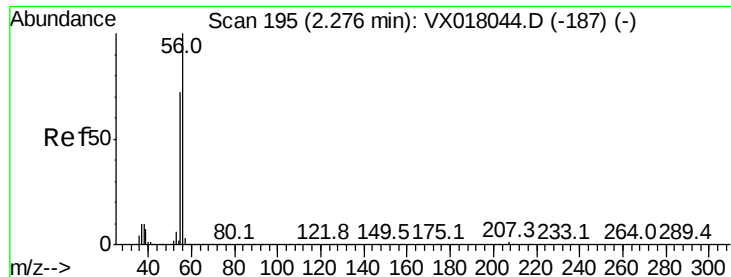
Tot Ion:142 Resp: 4952
Ion Ratio Lower Upper
142 100
127 40.2 37.0 55.6
141 13.6 11.5 17.3



#11
Tert butyl alcohol
Concen: 47.851 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.13 min
Lab File: VX018093.D
Acq: 27 Aug 2020 15:54

Tgt Ion: 59 Resp: 52473
Ion Ratio Lower Upper
59 100
57 13.7 8.9 13.3#





#13

Acrolein

Concen: 2.960 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

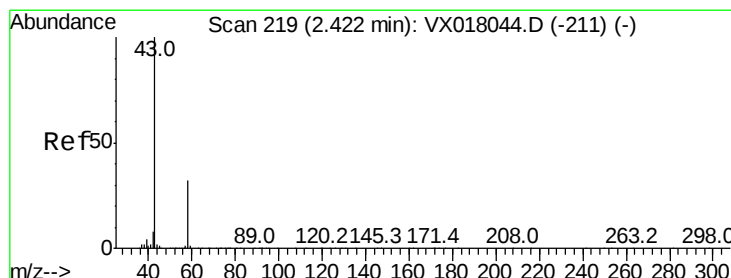
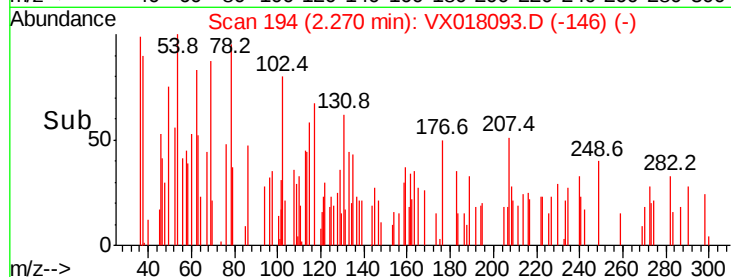
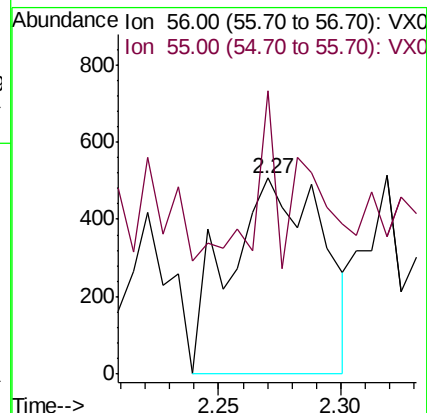
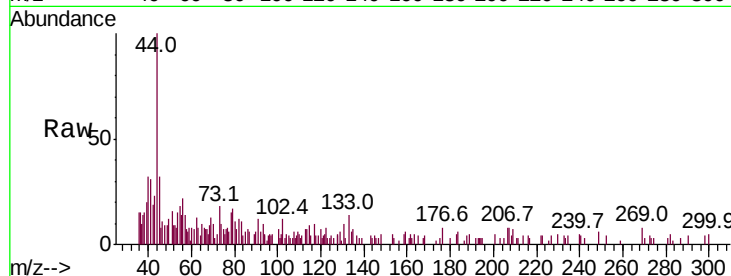
20071

Tot Ion: 56 Resp: 1346

Ion Ratio Lower Upper

56 100

55 16.6 57.0 85.6#



#16

Acetone

Concen: 0.228 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX018093.D

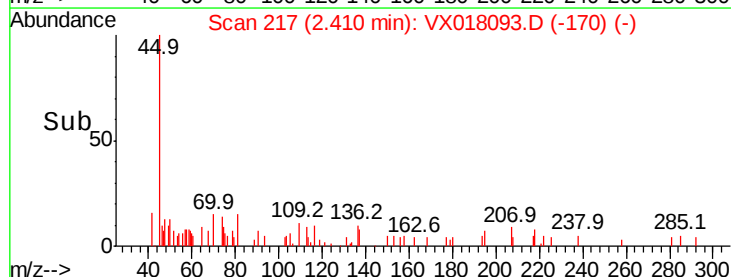
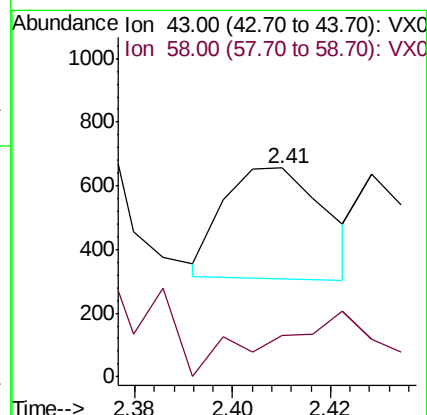
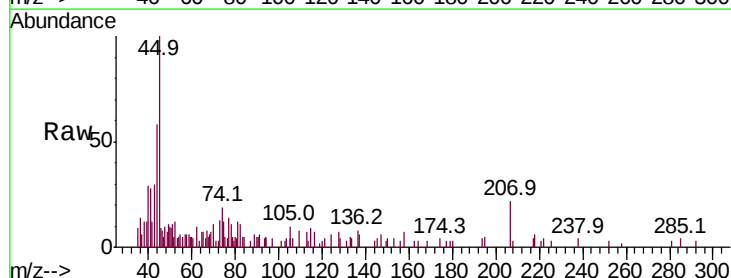
Acq: 27 Aug 2020 15:54

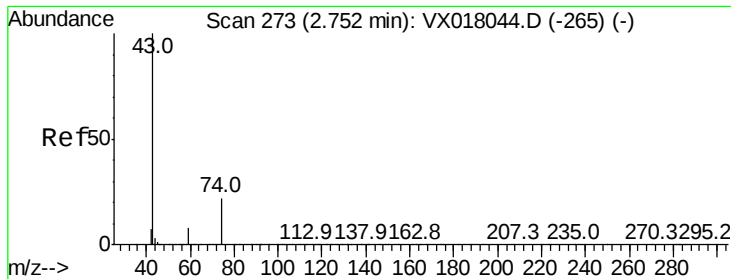
Tgt Ion: 43 Resp: 500

Ion Ratio Lower Upper

43 100

58 3.0 25.5 38.3#

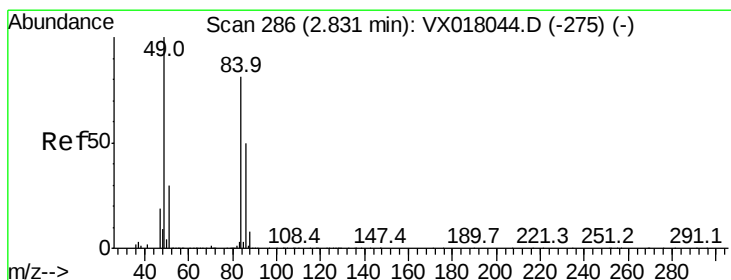
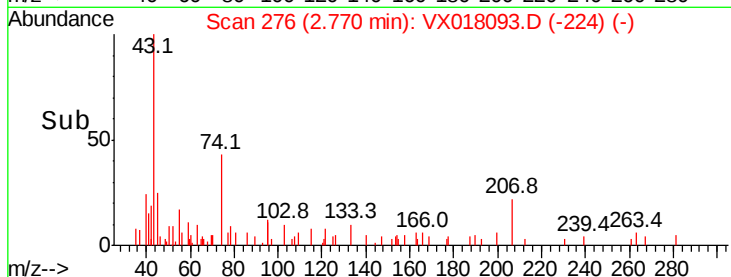
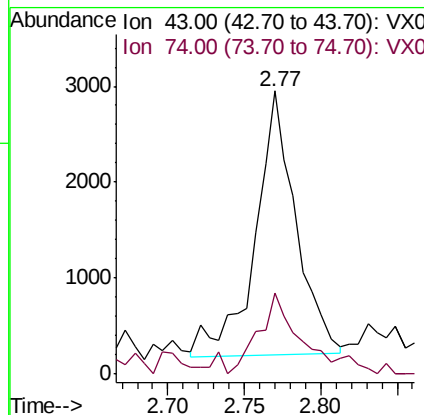
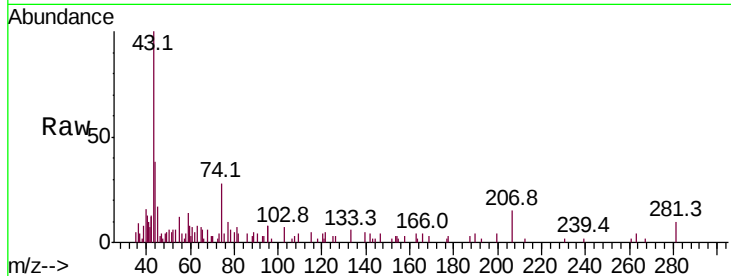




#18
Methyl Acetate
Concen: 0.955 ug/l
RT: 2.77 min Scan# 276
Delta R.T. 0.02 min
Lab File: VX018093.D
Acq: 27 Aug 2020 15:54

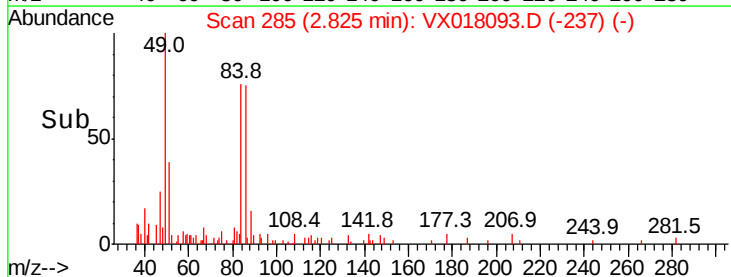
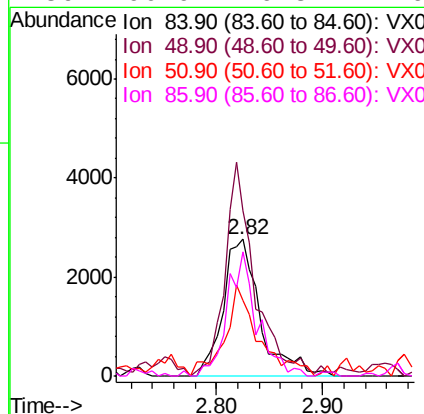
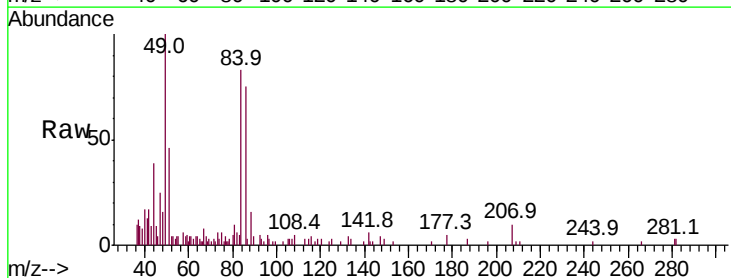
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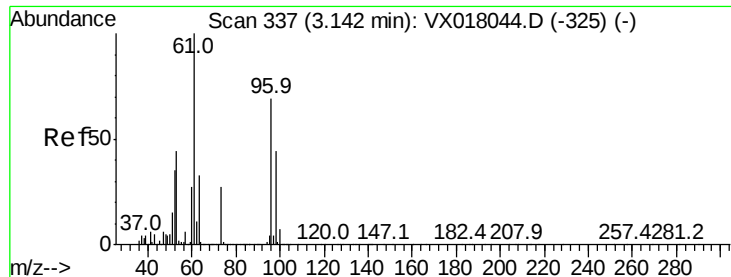
Tot Ion: 43 Resp: 5067
Ion Ratio Lower Upper
43 100
74 33.5 18.2 27.4#



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX018093.D
Acq: 27 Aug 2020 15:54

Tgt Ion: 84 Resp: 6711
Ion Ratio Lower Upper
84 100
49 120.5 98.6 148.0
51 48.7 29.6 44.4#
86 90.9 49.8 74.6#





#21

trans-1,2-Dichloroethene

Concen: 0.339 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.02 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

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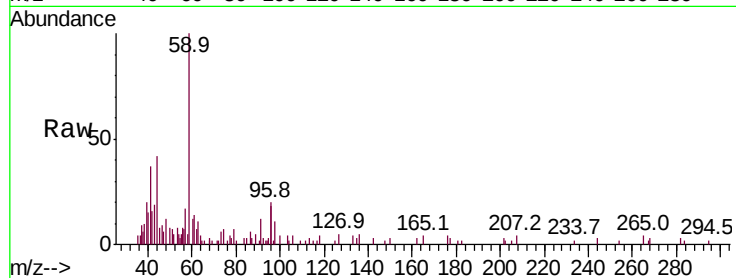
Tot Ion: 96 Resp: 1493

Ion Ratio Lower Upper

96 100

61 29.3 115.4 173.0#

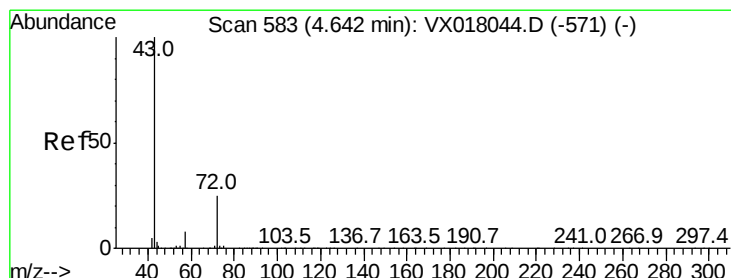
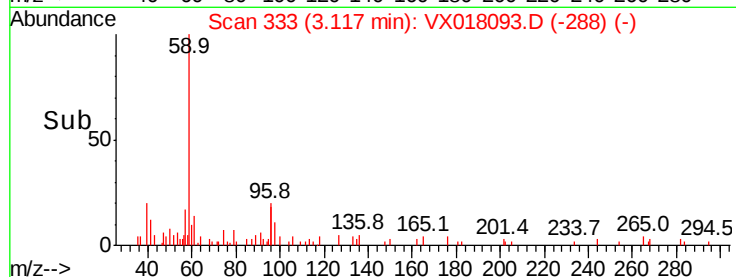
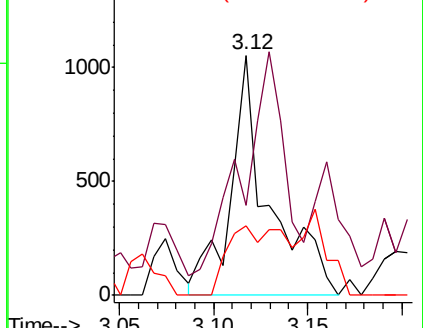
98 28.8 51.1 76.7#



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



#25

2-Butanone

Concen: 843.275 ug/l

RT: 4.87 min Scan# 620

Delta R.T. 0.23 min

Lab File: VX018093.D

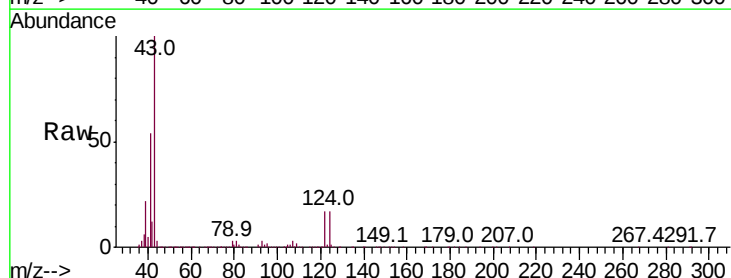
Acq: 27 Aug 2020 15:54

Tgt Ion: 43 Resp: 3045700

Ion Ratio Lower Upper

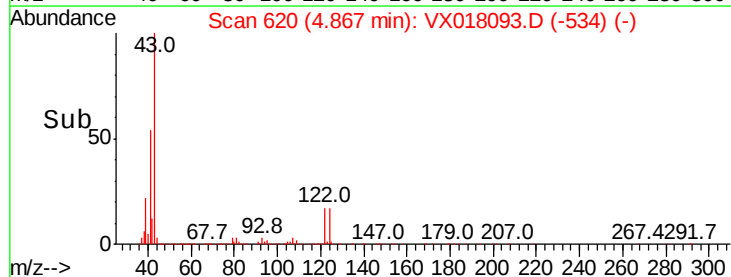
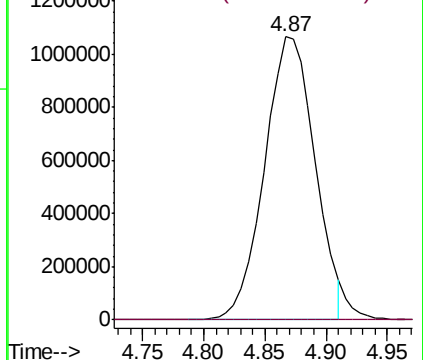
43 100

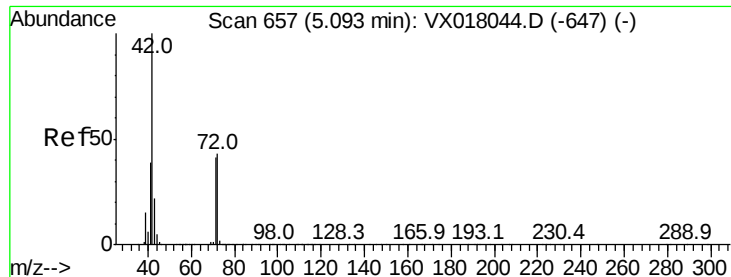
72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 173.137 ug/l

RT: 4.87 min Scan# 621

Delta R.T. -0.22 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

20071

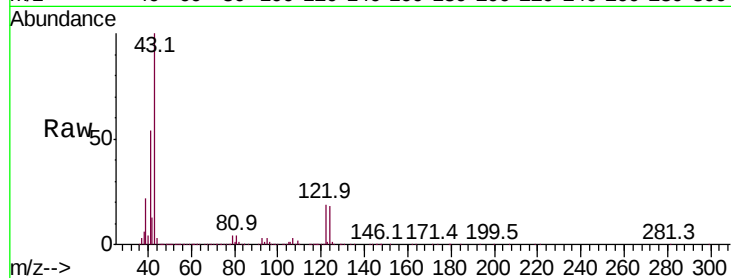
Tot Ion: 42 Resp: 398072

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

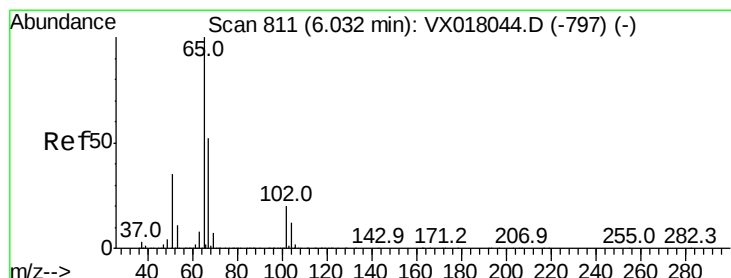
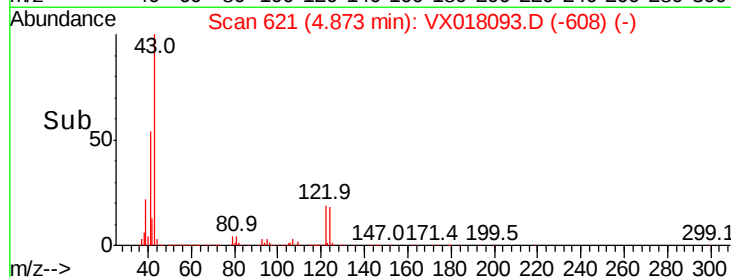
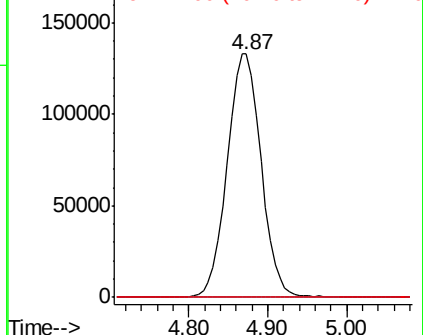
71 0.0 32.1 48.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.374 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018093.D

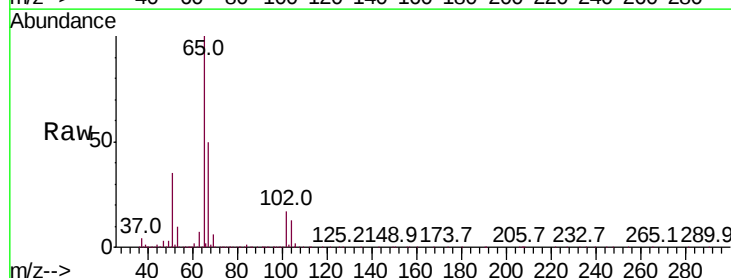
Acq: 27 Aug 2020 15:54

Tgt Ion: 65 Resp: 272825

Ion Ratio Lower Upper

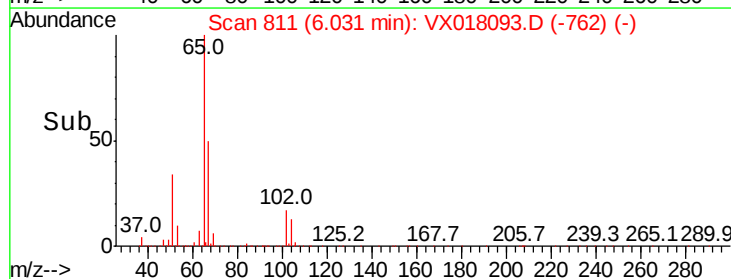
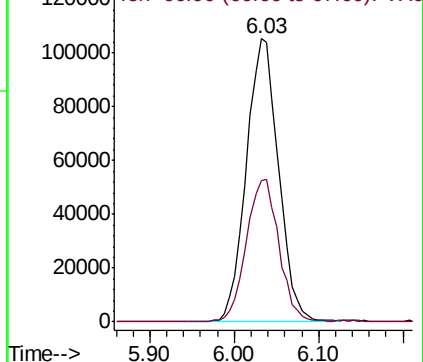
65 100

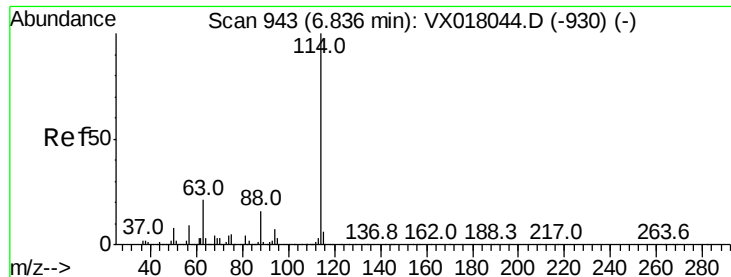
67 51.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

20071

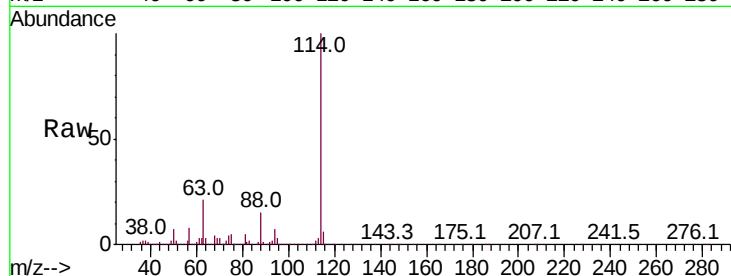
Tot Ion:114 Resp: 625059

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

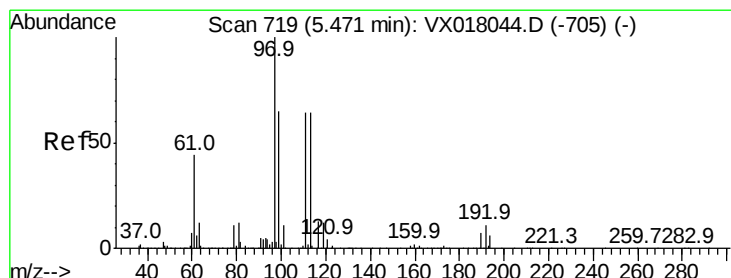
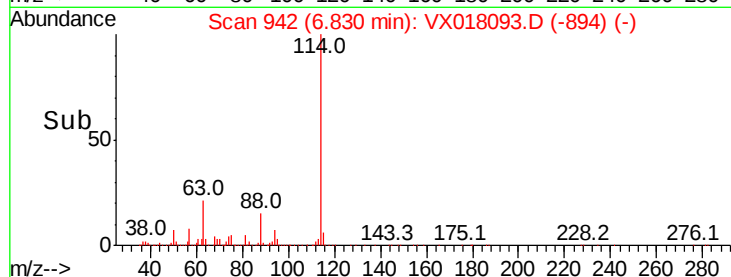
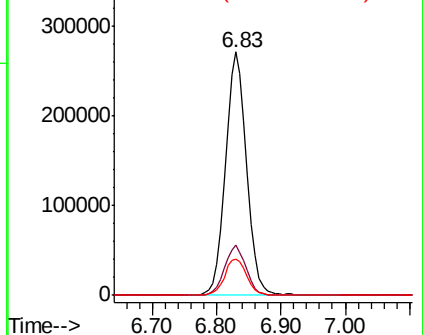
88 14.7 0.0 31.8



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: 49.142 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

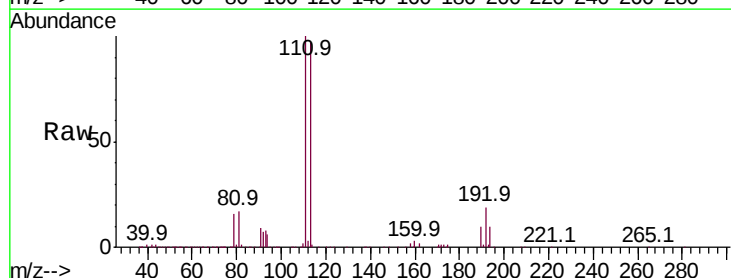
Tgt Ion:113 Resp: 209197

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

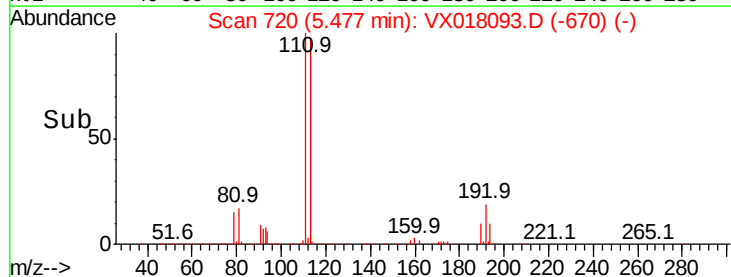
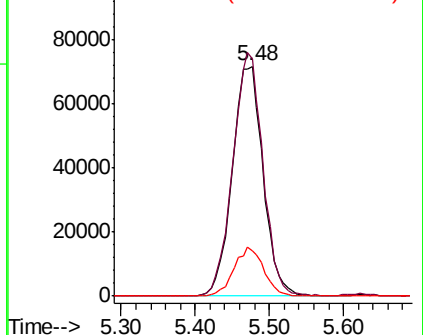
192 20.4 15.8 23.8

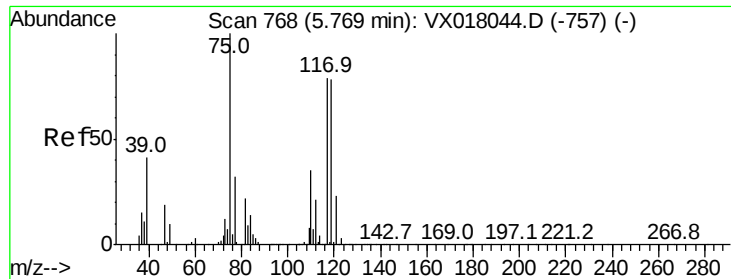


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

20071

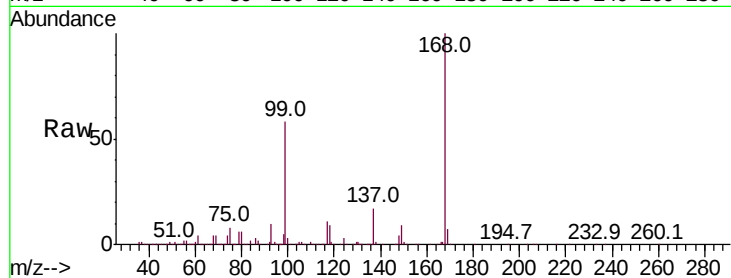
Tot Ion: 75 Resp: 29678

Ion Ratio Lower Upper

75 100

110 12.3 18.0 54.0#

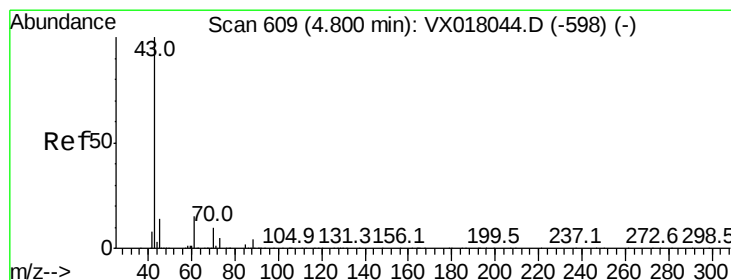
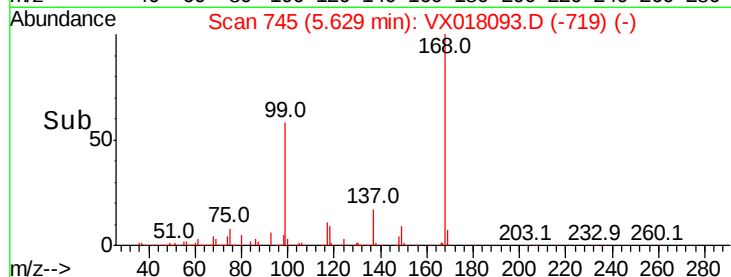
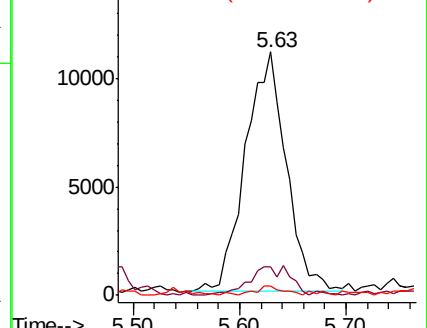
77 2.6 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 465.436 ug/l

RT: 4.87 min Scan# 620

Delta R.T. 0.07 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

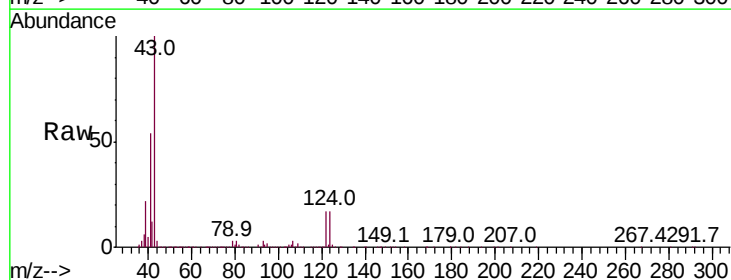
Tgt Ion: 43 Resp: 3116546

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

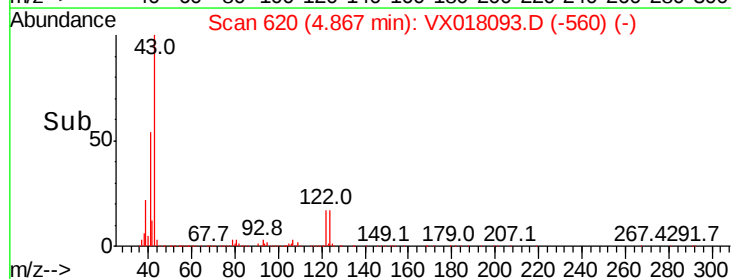
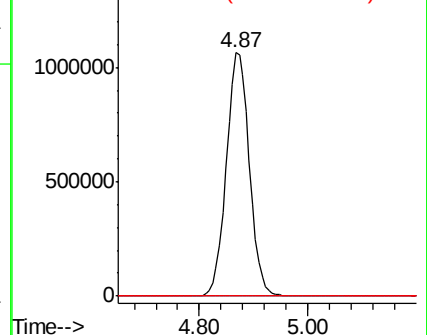
70 0.0 8.2 12.4#

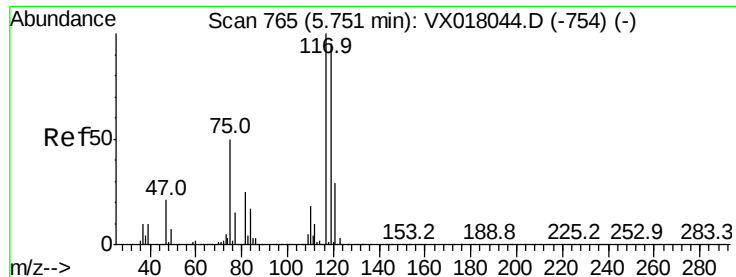


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.561 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

20071

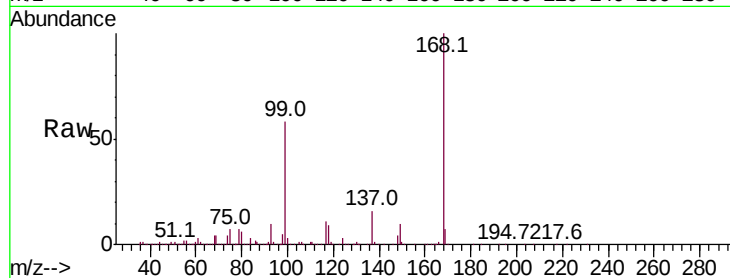
Tot Ion:117 Resp: 42625

Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

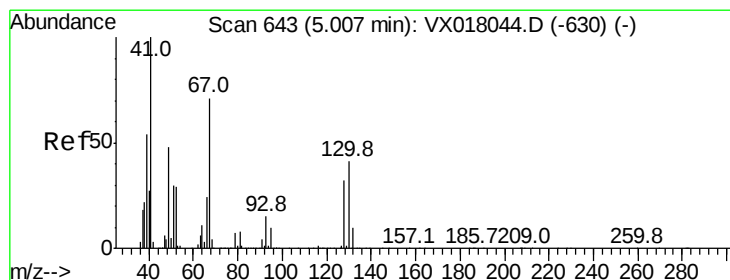
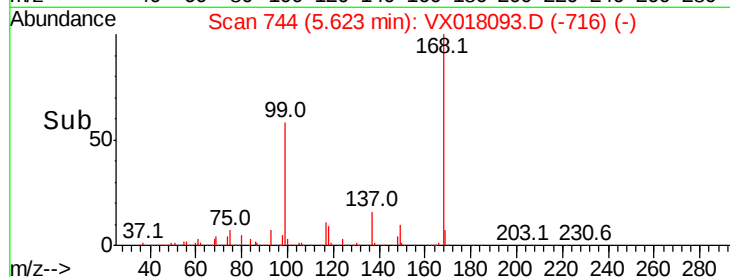
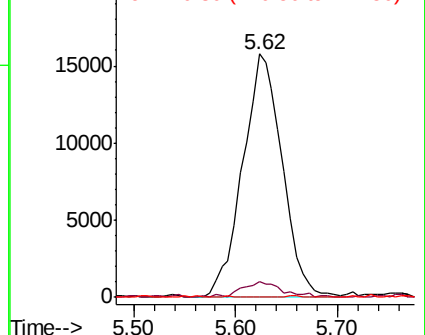
121 0.0 23.4 35.0#



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



#41

Methacrylonitrile

Concen: 462.788 ug/l

RT: 4.87 min Scan# 620

Delta R.T. -0.14 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Tgt Ion: 41 Resp: 1701467

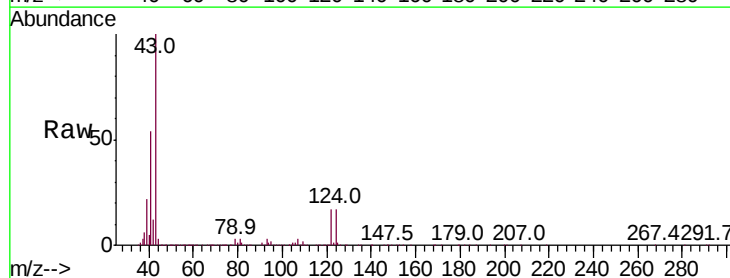
Ion Ratio Lower Upper

41 100

39 41.5 43.1 64.7#

67 0.0 56.0 84.0#

52 0.0 22.7 34.1#

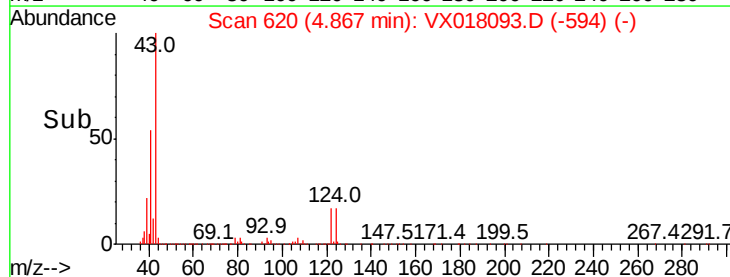
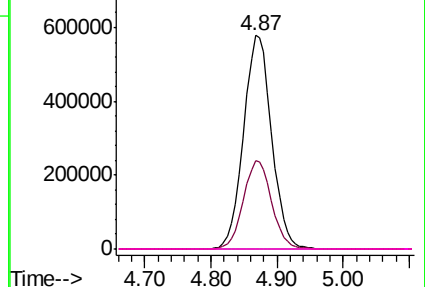


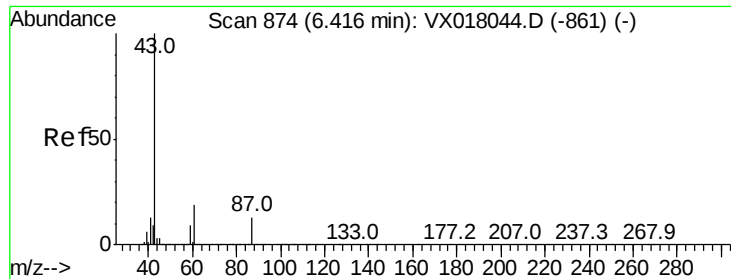
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.362 ug/l

RT: 6.45 min Scan# 879

Delta R.T. 0.03 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

20071

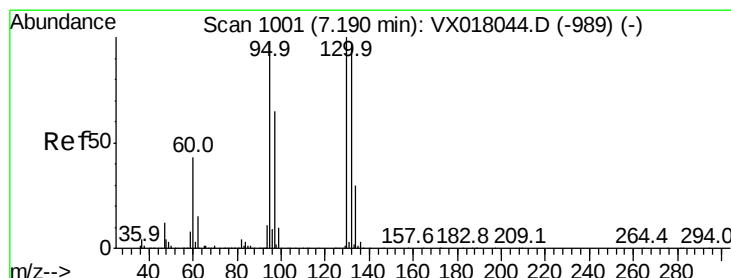
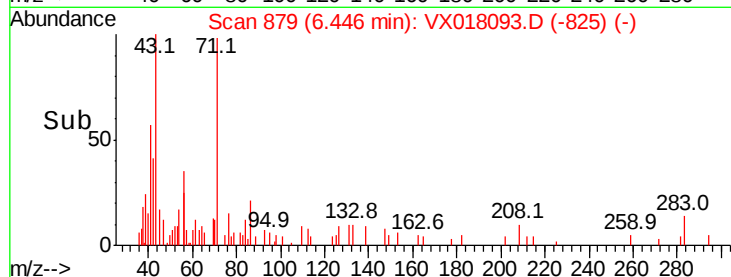
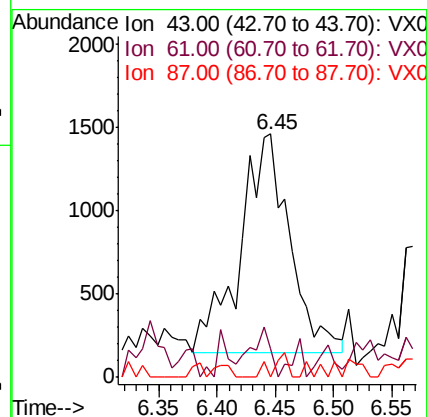
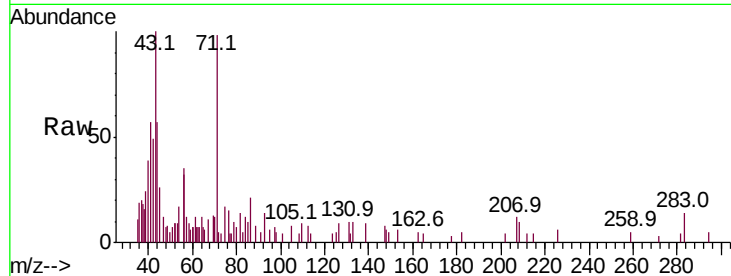
Tot Ion: 43 Resp: 3910

Ion Ratio Lower Upper

43 100

61 8.9 15.7 23.5#

87 3.3 10.3 15.5#



#44

Trichloroethene

Concen: 0.257 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018093.D

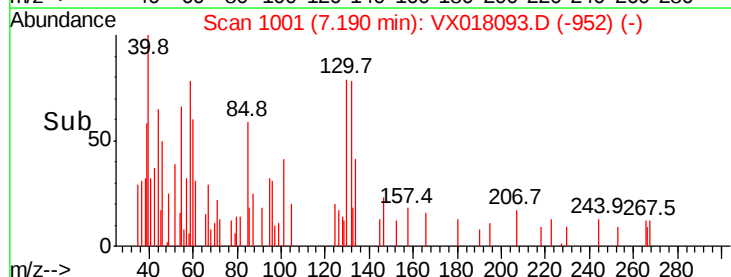
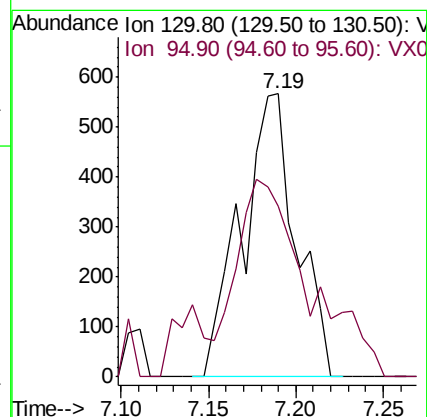
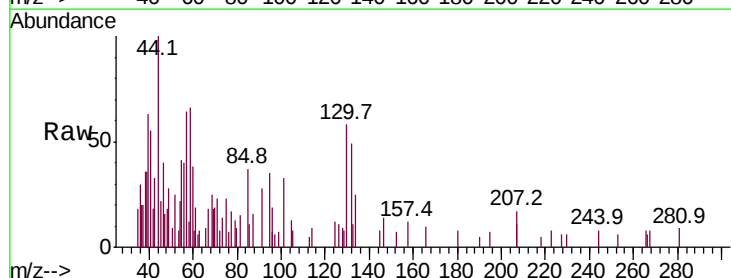
Acq: 27 Aug 2020 15:54

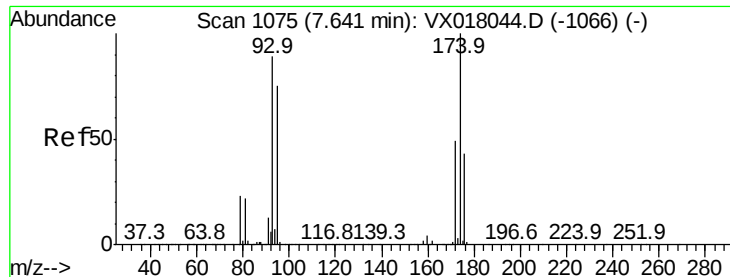
Tgt Ion: 130 Resp: 1231

Ion Ratio Lower Upper

130 100

95 37.9 0.0 196.4





#46

Dibromomethane

Concen: 0.219 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampled :

20071

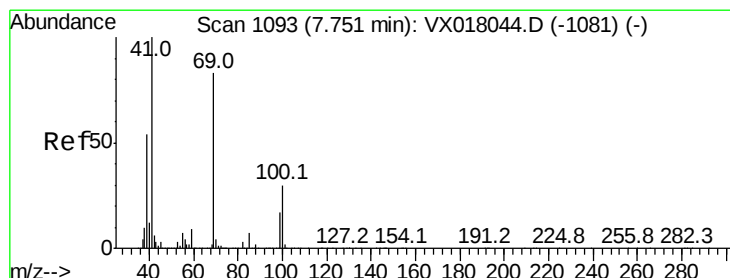
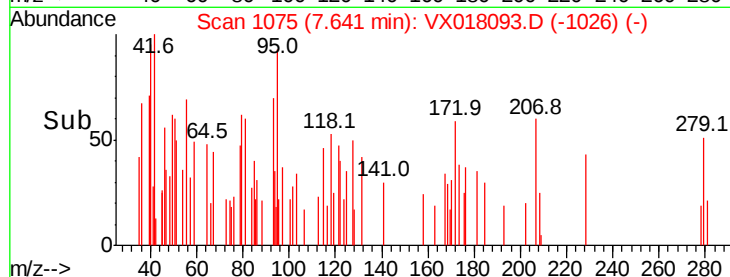
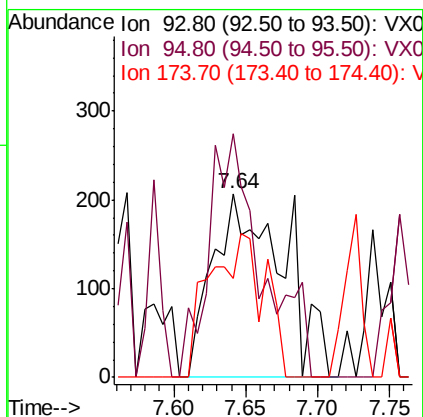
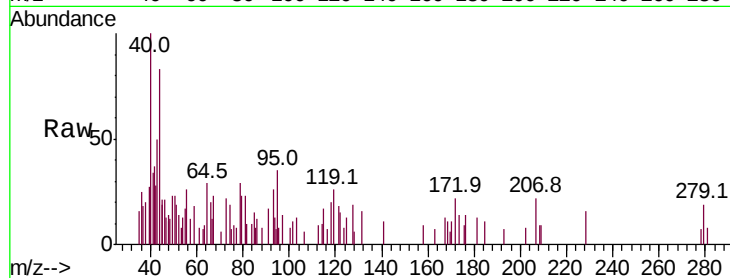
Tot Ion: 93 Resp: 703

Ion Ratio Lower Upper

93 100

95 85.6 67.3 100.9

174 61.0 82.2 123.2#



#48

Methyl methacrylate

Concen: 0.864 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.02 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

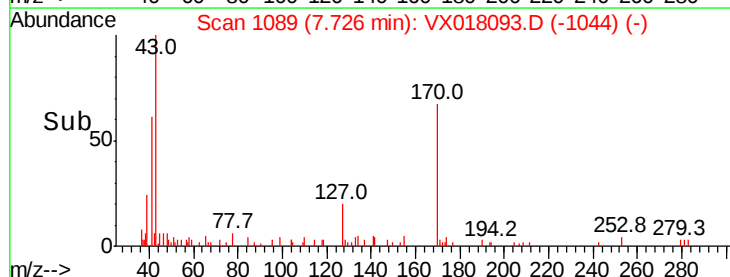
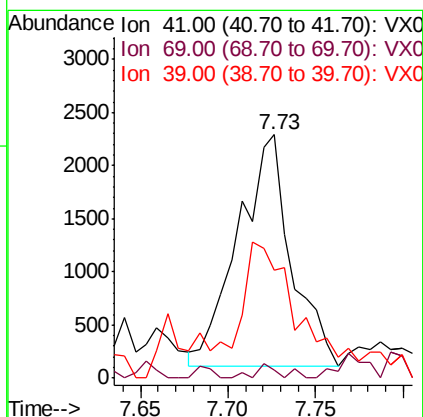
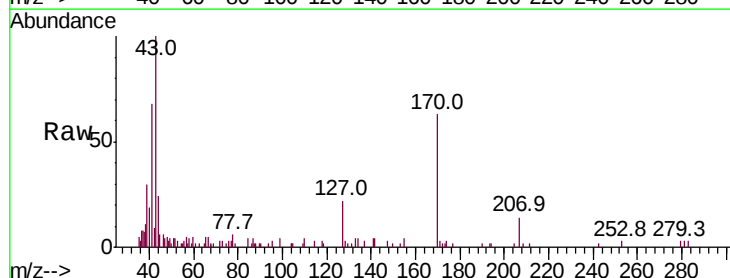
Tgt Ion: 41 Resp: 4651

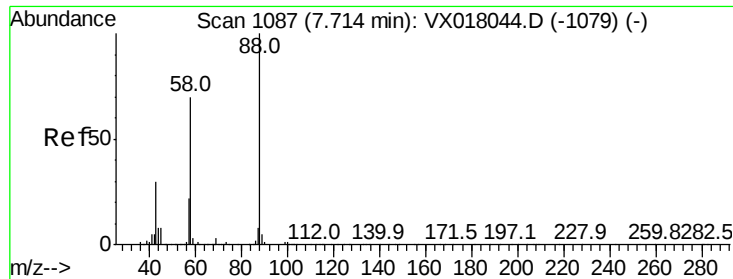
Ion Ratio Lower Upper

41 100

69 2.8 65.5 98.3#

39 65.8 44.5 66.7

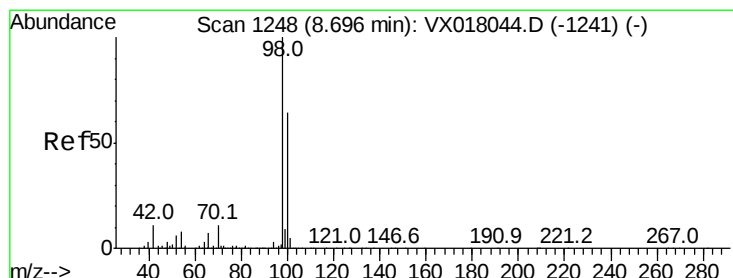
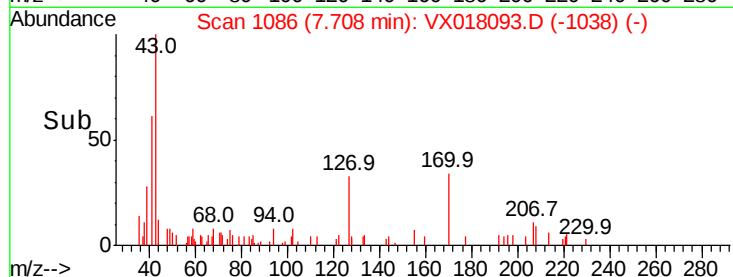
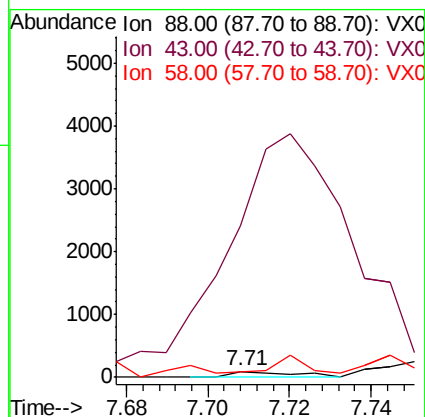
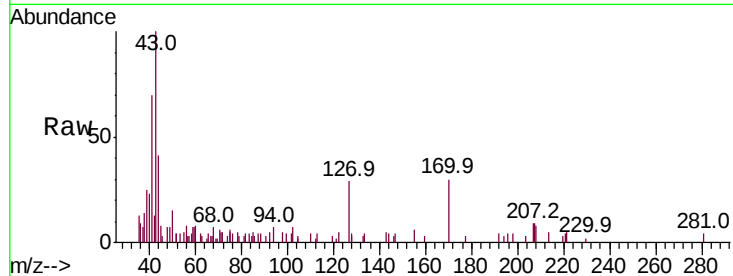




#49
1,4-Dioxane
Concen: 1.015 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018093.D
Acq: 27 Aug 2020 15:54

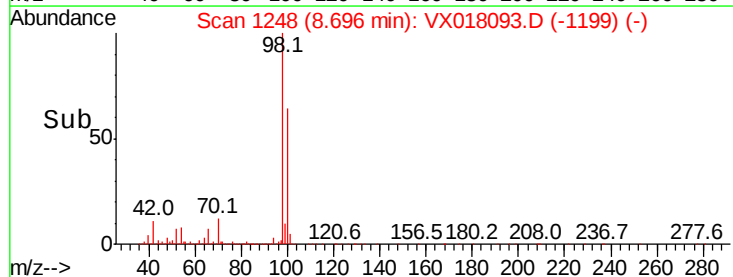
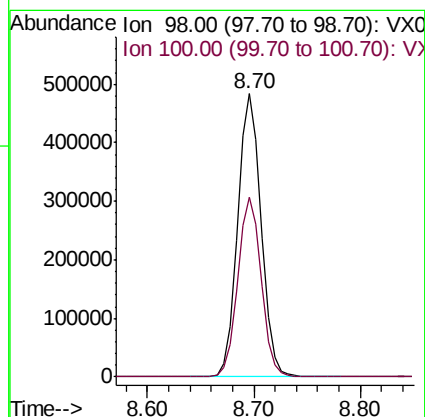
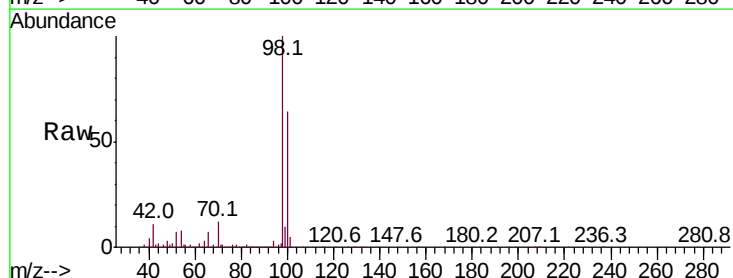
Instrument :
MSVOA_X
ClientSampled :
20071

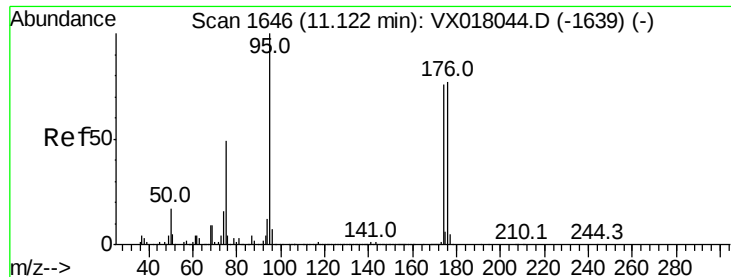
Tot Ion: 88 Resp: 99
Ion Ratio Lower Upper
88 100
43 0.0 27.4 41.0#
58 129.3 56.4 84.6#



#50
Toluene-d8
Concen: 47.183 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018093.D
Acq: 27 Aug 2020 15:54

Tgt Ion: 98 Resp: 748103
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 43.509 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

20071

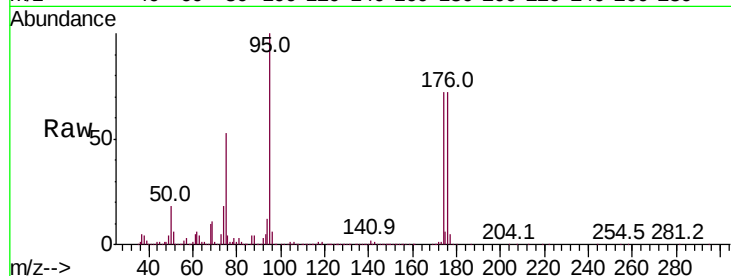
Tot Ion: 95 Resp: 271412

Ion Ratio Lower Upper

95 100

174 78.8 0.0 160.2

176 76.2 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)

11.12

200000

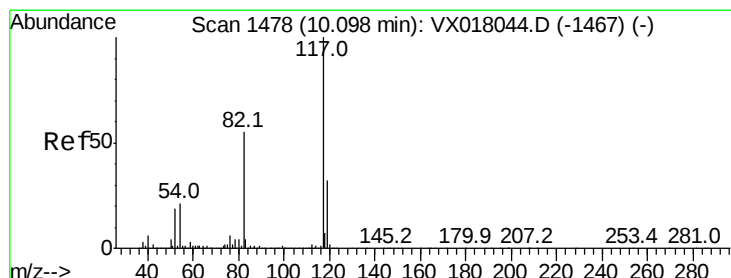
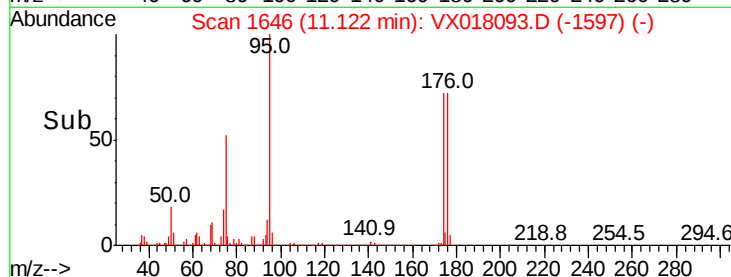
150000

100000

50000

0

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

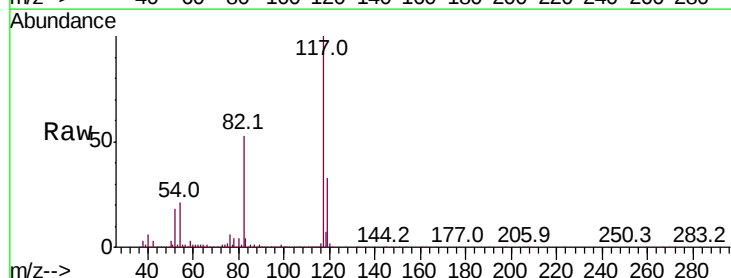
Tgt Ion: 117 Resp: 558926

Ion Ratio Lower Upper

117 100

82 53.2 44.2 66.2

119 32.8 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)

10.10

600000

500000

400000

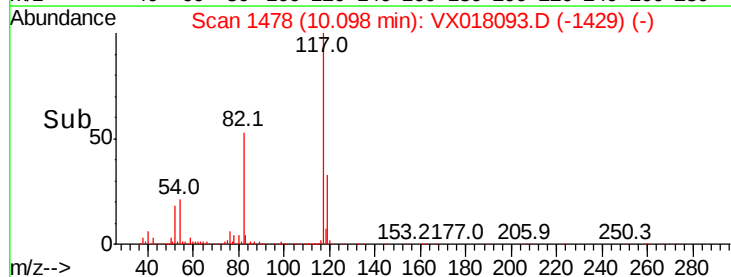
300000

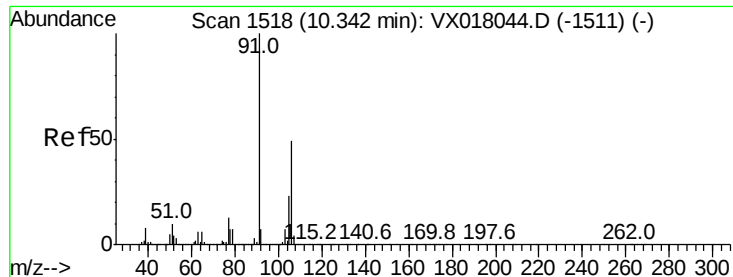
200000

100000

0

Time--> 10.00 10.10

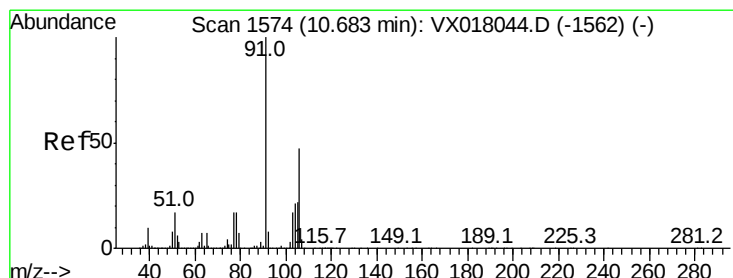
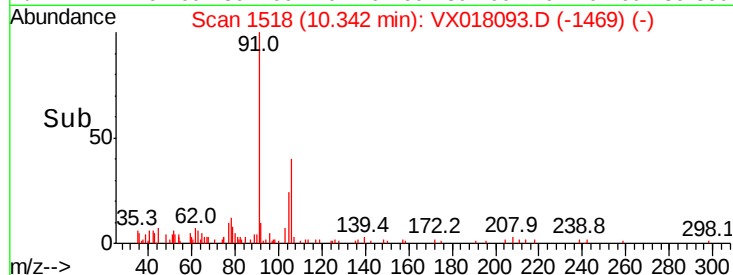
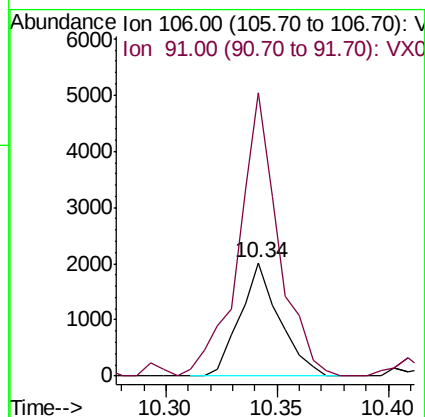
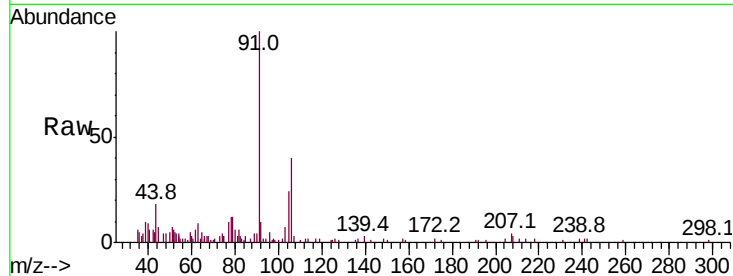




#68
m/p-Xylenes
Concen: 0.350 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018093.D
Acq: 27 Aug 2020 15:54

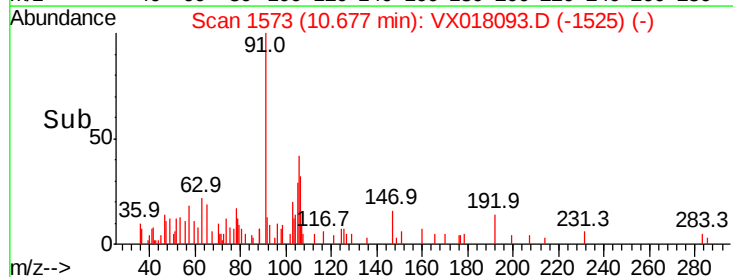
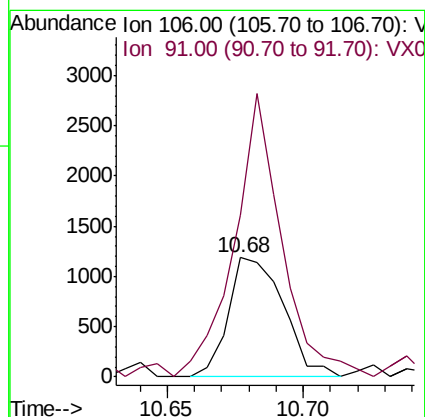
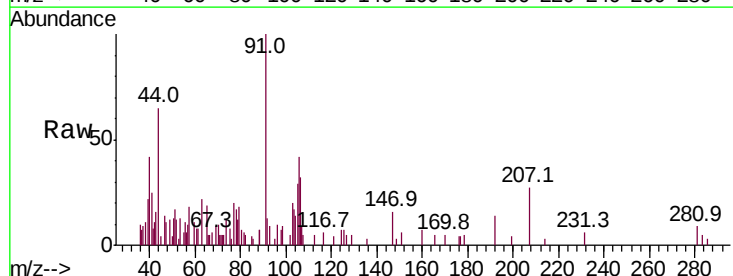
Instrument :
MSVOA_X
ClientSampleId :
20071

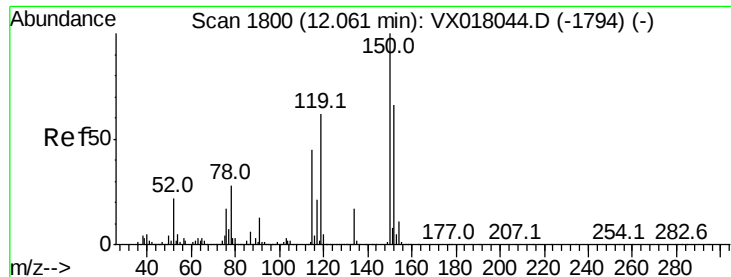
Tot Ion:106 Resp: 2482
Ion Ratio Lower Upper
106 100
91 251.7 162.2 243.2#



#69
o-Xylene
Concen: 0.243 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX018093.D
Acq: 27 Aug 2020 15:54

Tgt Ion:106 Resp: 1670
Ion Ratio Lower Upper
106 100
91 207.7 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :
20071

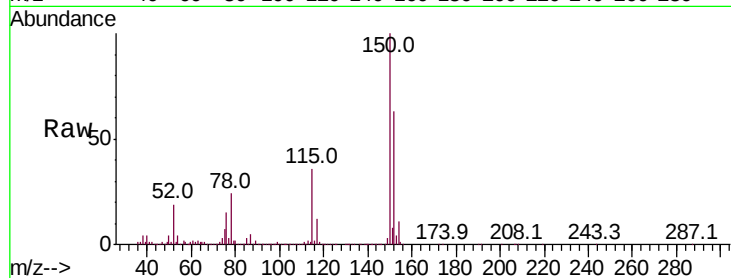
Tot Ion:152 Resp: 292251

Ion Ratio Lower Upper

152 100

115 60.6 41.5 124.5

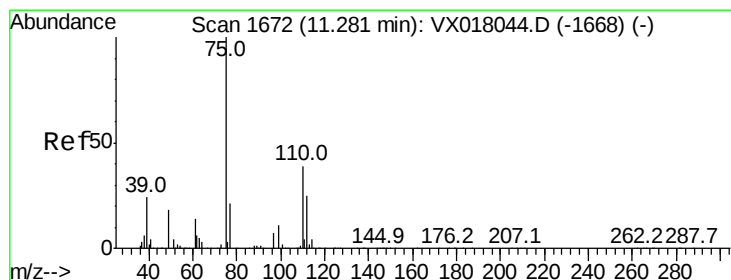
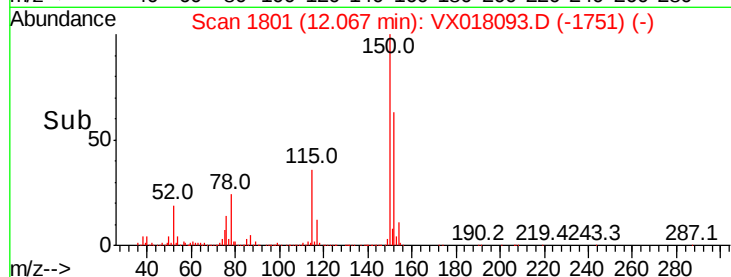
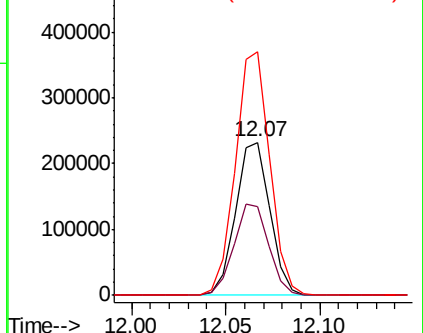
150 160.4 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 21.741 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018093.D

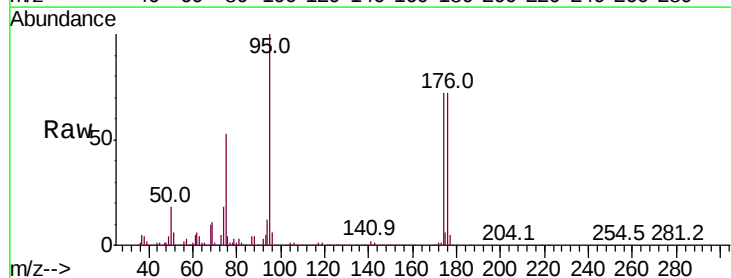
Acq: 27 Aug 2020 15:54

Tgt Ion: 75 Resp: 141345

Ion Ratio Lower Upper

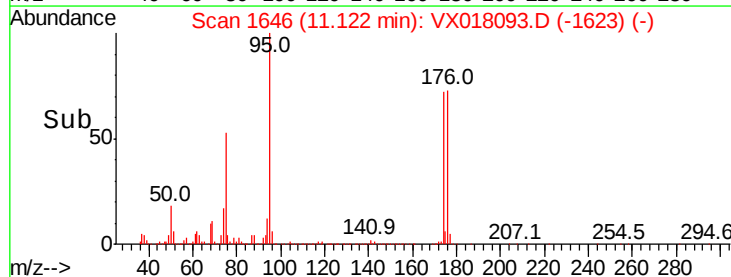
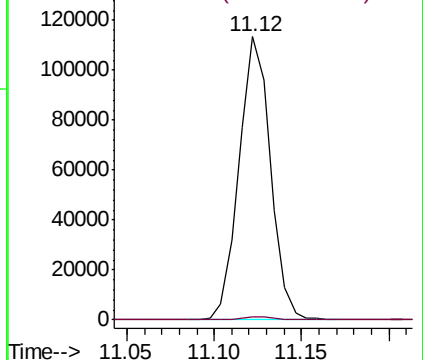
75 100

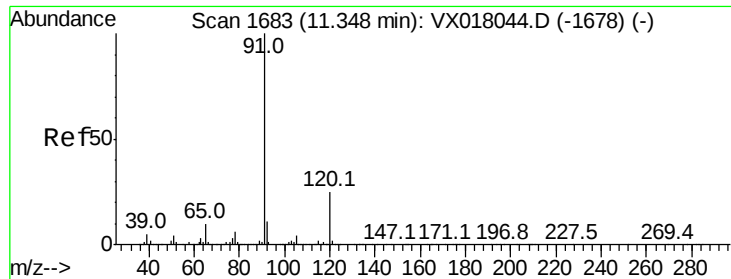
77 1.5 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.224 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

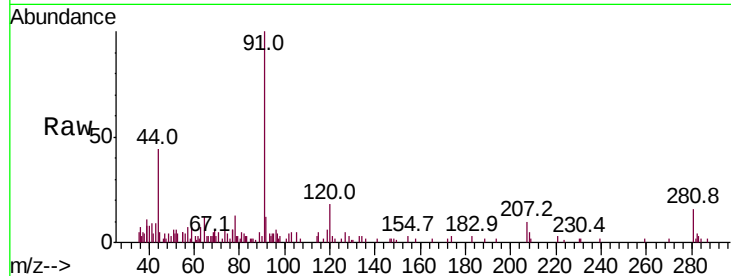
20071

Tot Ion: 91 Resp: 4897

Ion Ratio Lower Upper

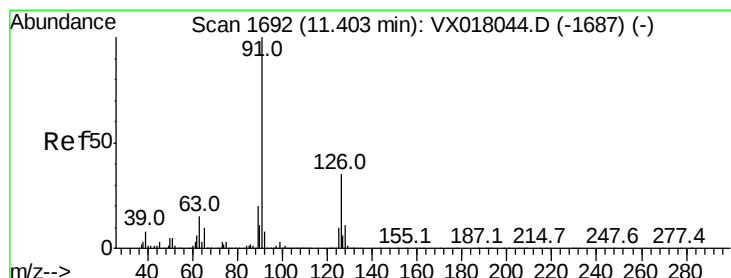
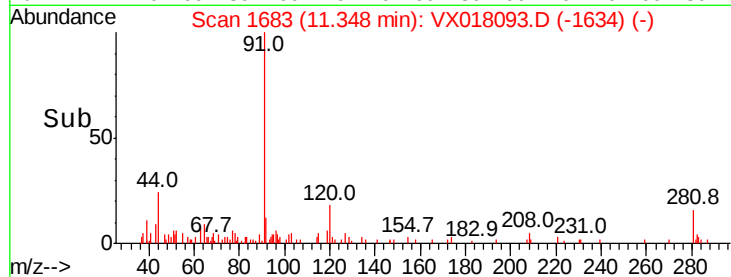
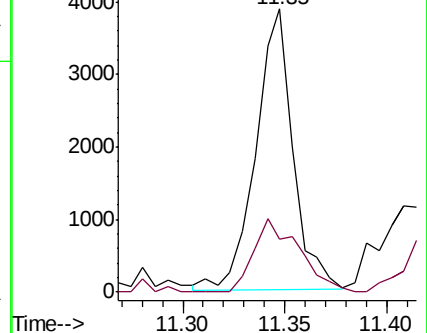
91 100

120 31.9 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: 0.201 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018093.D

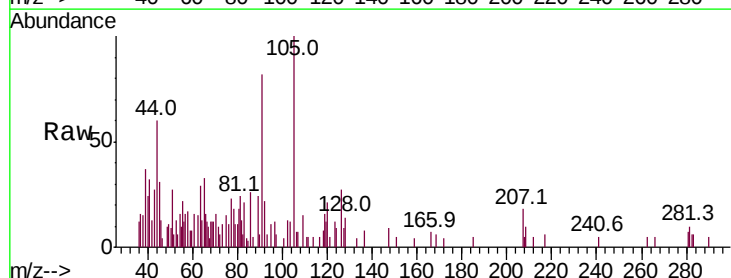
Acq: 27 Aug 2020 15:54

Tgt Ion: 91 Resp: 2722

Ion Ratio Lower Upper

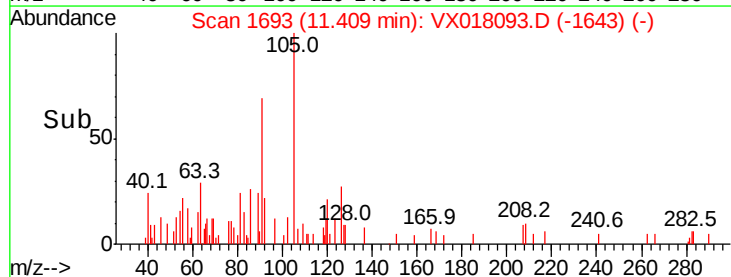
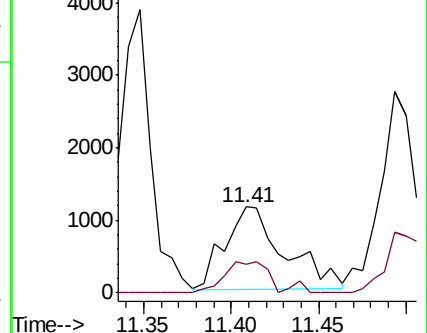
91 100

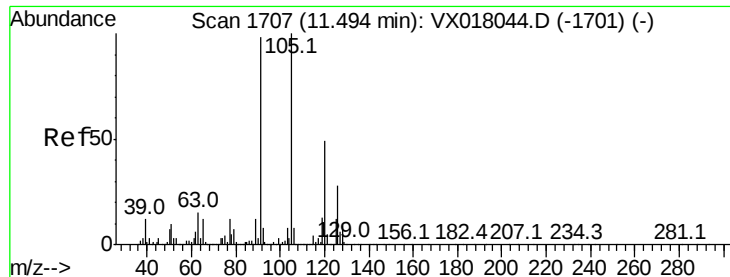
126 27.4 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

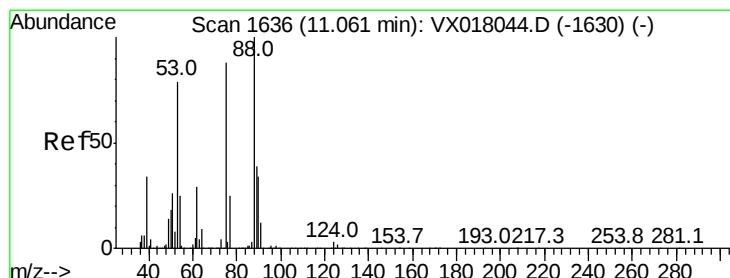
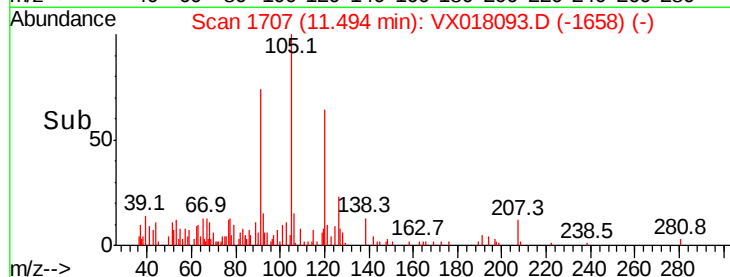
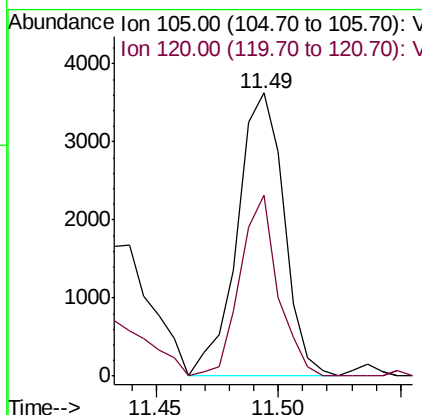
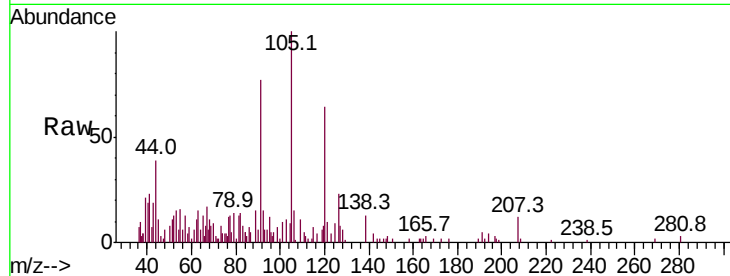




#80
 1,3,5-Trimethylbenzene
 Concen: 0.305 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018093.D
 Acq: 27 Aug 2020 15:54

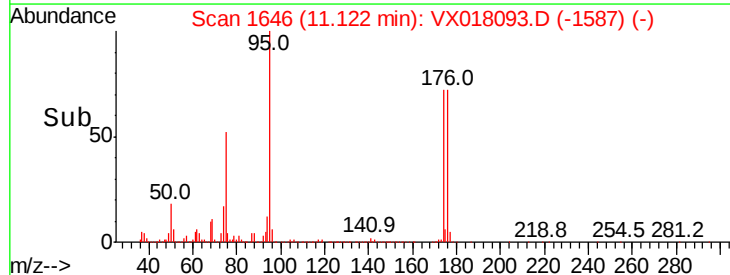
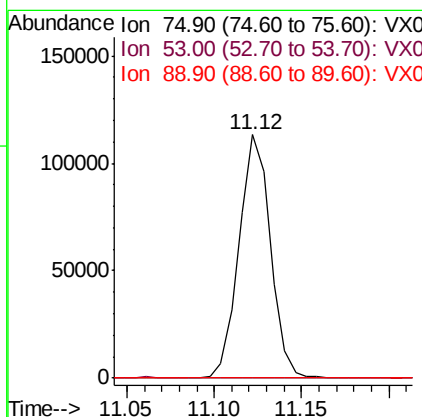
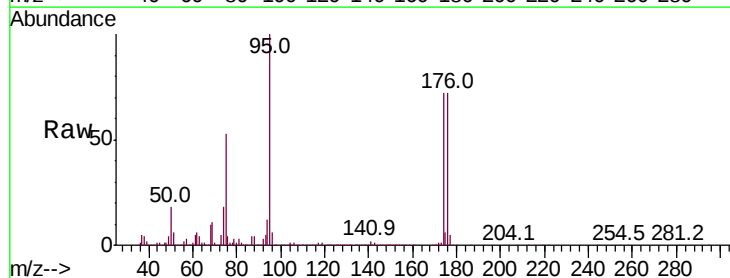
Instrument :
 MSVOA_X
 ClientSampled :
 20071

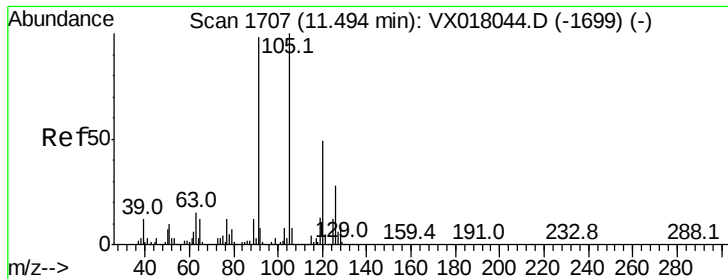
Tot Ion:105 Resp: 4825
 Ion Ratio Lower Upper
 105 100
 120 52.1 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.719 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018093.D
 Acq: 27 Aug 2020 15:54

Tgt Ion: 75 Resp: 141345
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.7 112.1#
 89 0.2 36.6 54.8#





#82

4-Chlorotoluene

Concen: 0.246 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampled :

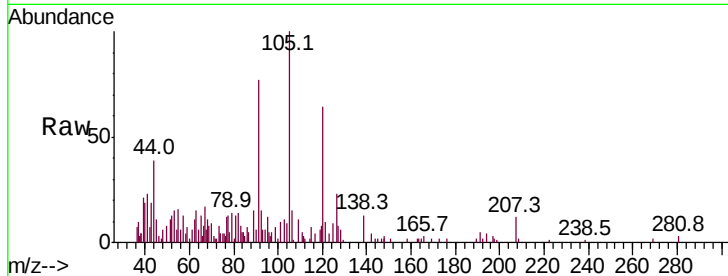
20071

Tot Ion: 91 Resp: 3962

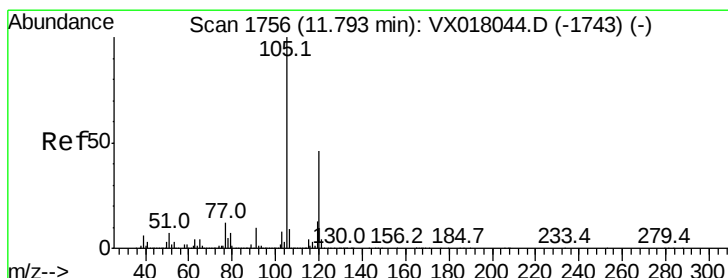
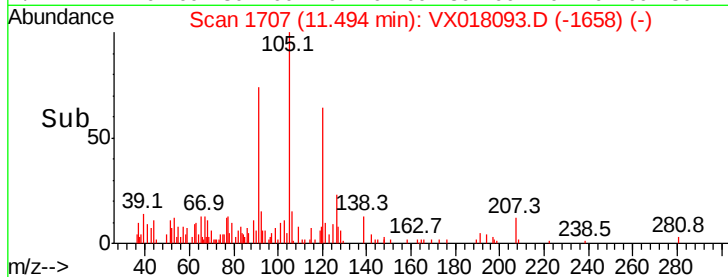
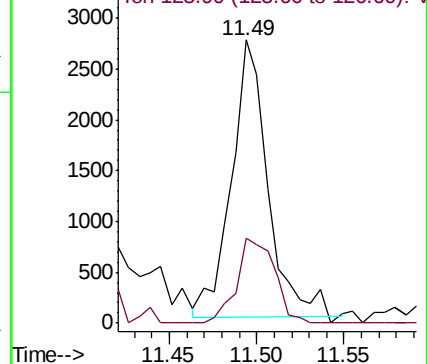
Ion Ratio Lower Upper

91 100

126 31.8 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1699) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.694 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018093.D

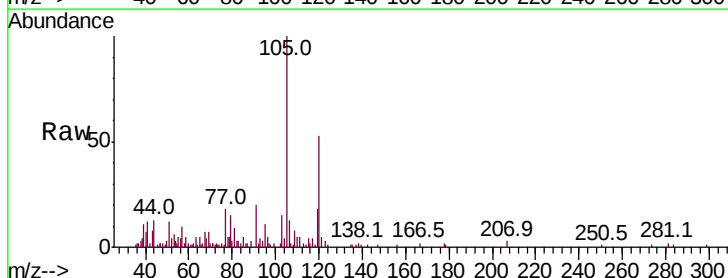
Acq: 27 Aug 2020 15:54

Tgt Ion: 105 Resp: 11234

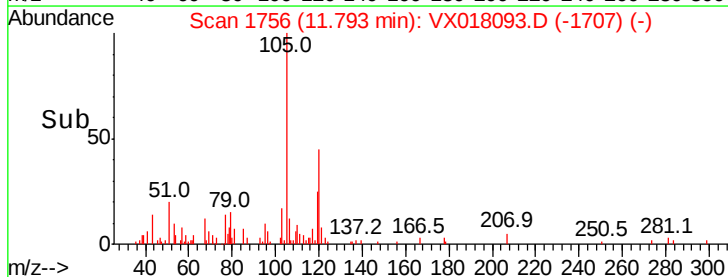
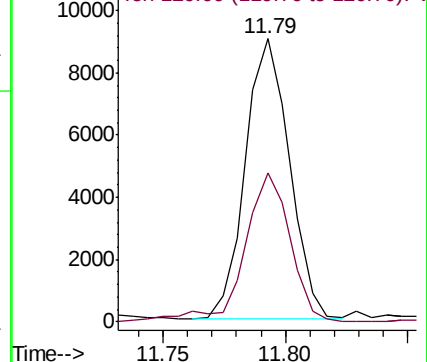
Ion Ratio Lower Upper

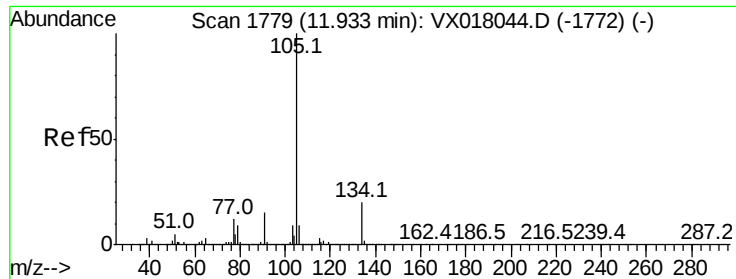
105 100

120 55.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1743) (-)

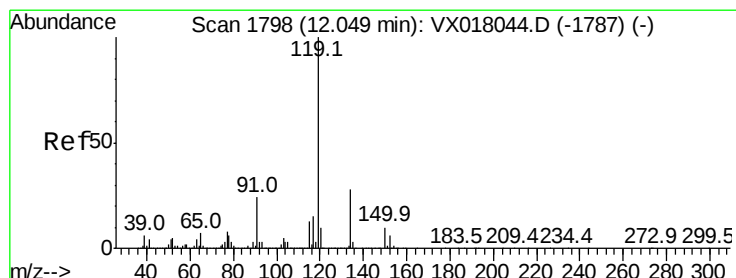
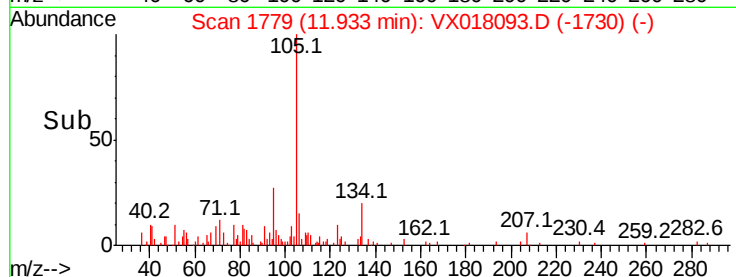
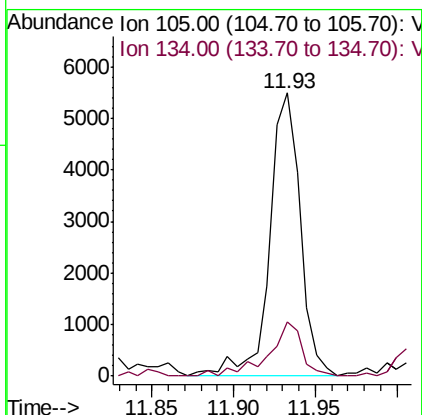
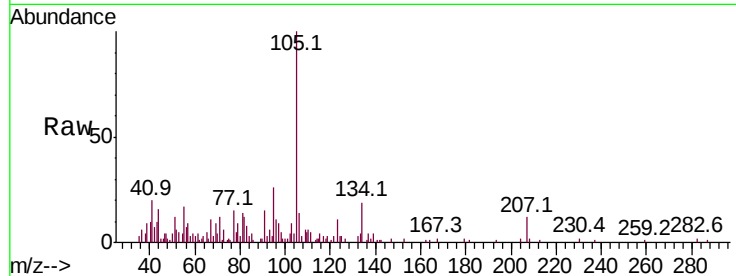




#85
 sec-Butylbenzene
 Concen: 0.403 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018093.D
 Acq: 27 Aug 2020 15:54

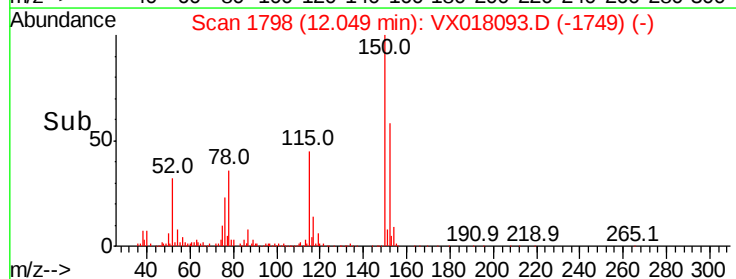
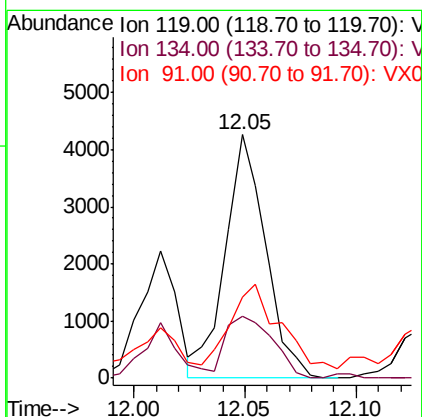
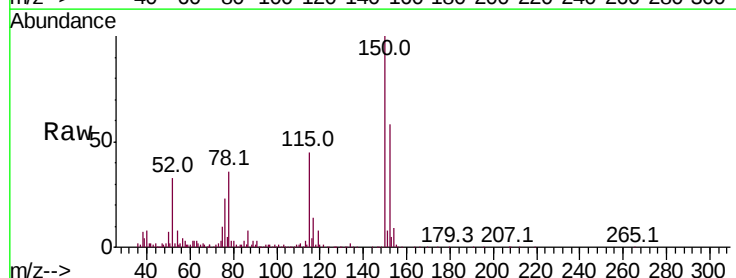
Instrument :
 MSVOA_X
 ClientSampleId :
 20071

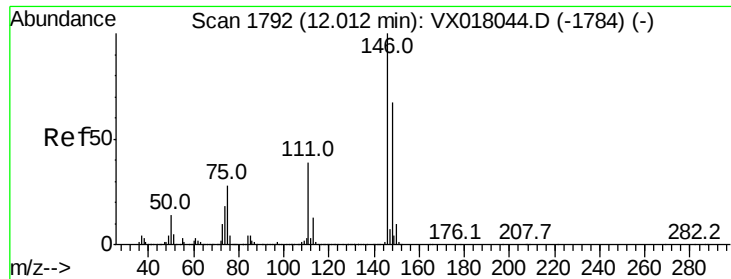
Tot Ion:105 Resp: 7169
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 0.329 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018093.D
 Acq: 27 Aug 2020 15:54

Tgt Ion:119 Resp: 5378
 Ion Ratio Lower Upper
 119 100
 134 29.5 13.2 39.5
 91 41.4 11.8 35.4#

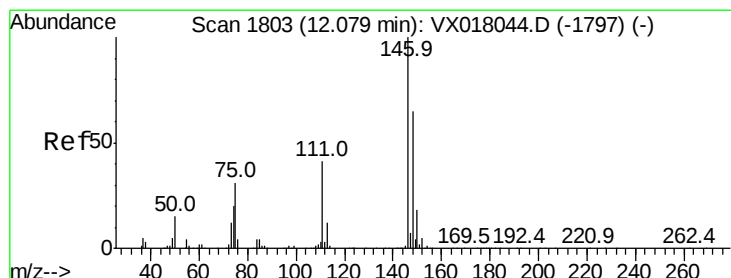
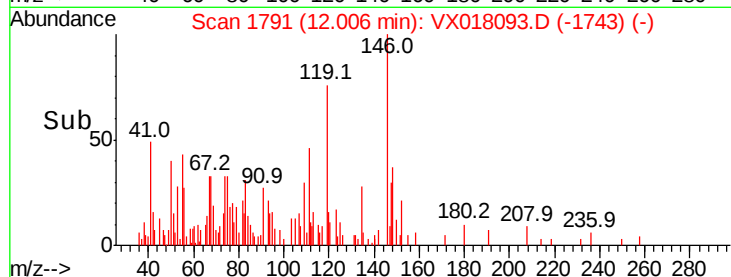
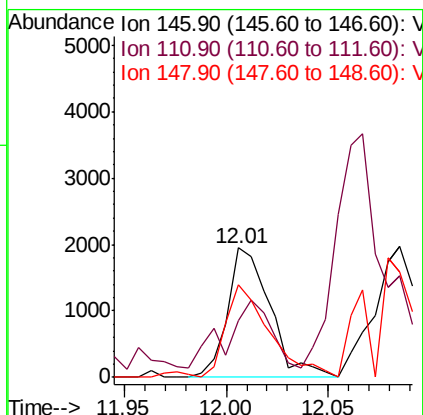
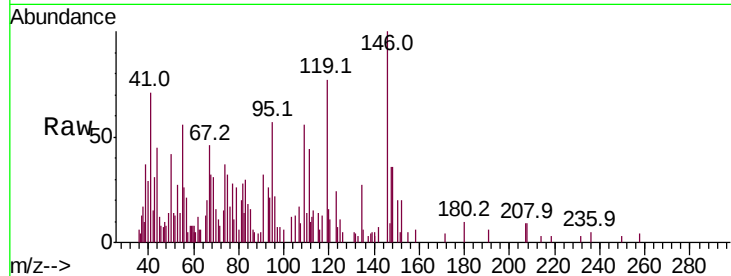




#87
 1,3-Dichlorobenzene
 Concen: 0.302 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018093.D
 Acq: 27 Aug 2020 15:54

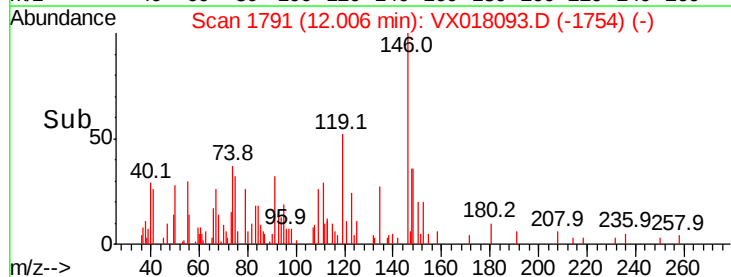
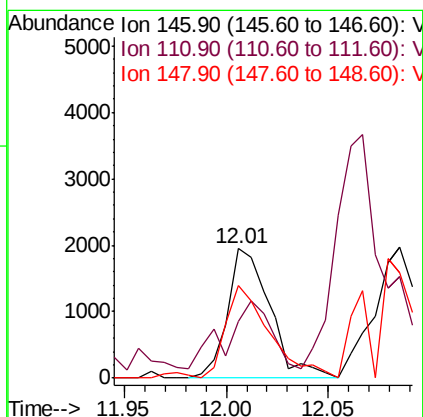
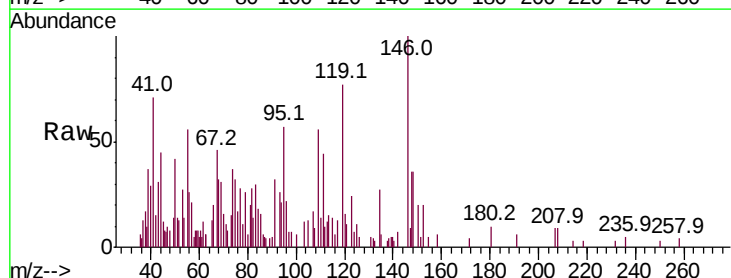
Instrument :
 MSVOA_X
 ClientSampleId :
 20071

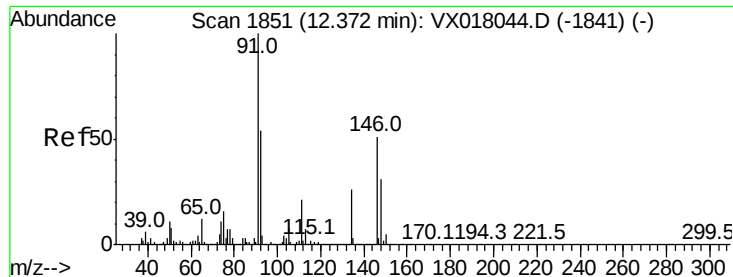
Tot Ion	Ratio	Lower	Upper
146	100		
111	61.6	20.6	61.8
148	73.6	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 0.301 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.07 min
 Lab File: VX018093.D
 Acq: 27 Aug 2020 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	58.2	20.3	60.8
148	73.6	33.1	99.2





#89

n-Butylbenzene

Concen: 0.840 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampled :

20071

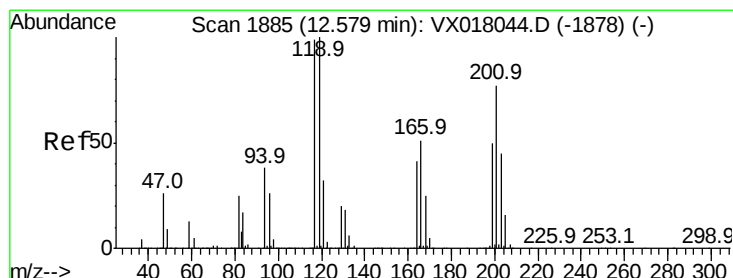
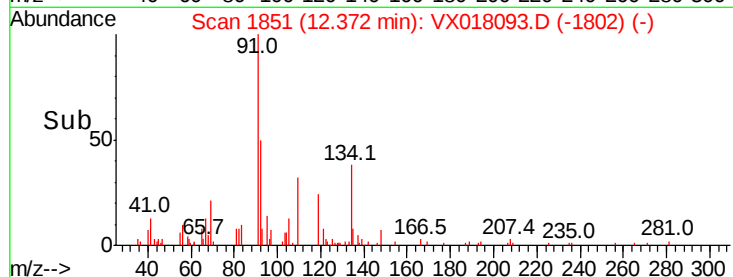
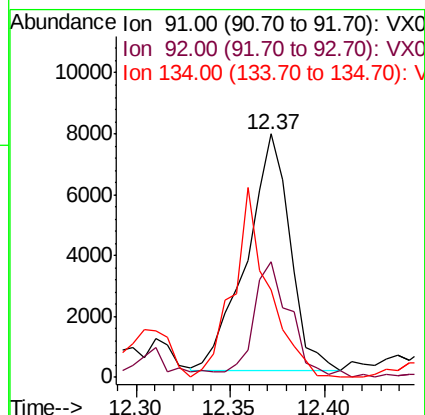
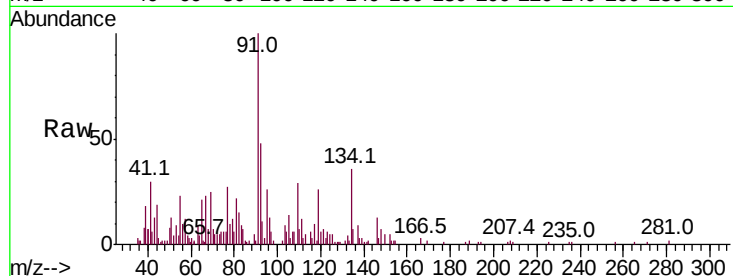
Tot Ion: 91 Resp: 12526

Ion Ratio Lower Upper

91 100

92 41.5 26.4 79.2

134 64.8 12.9 38.7#



#90

Hexachloroethane

Concen: 0.463 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX018093.D

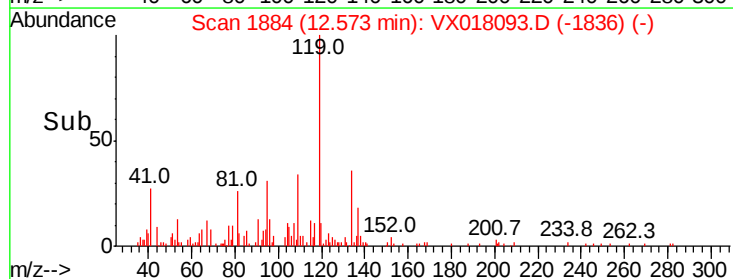
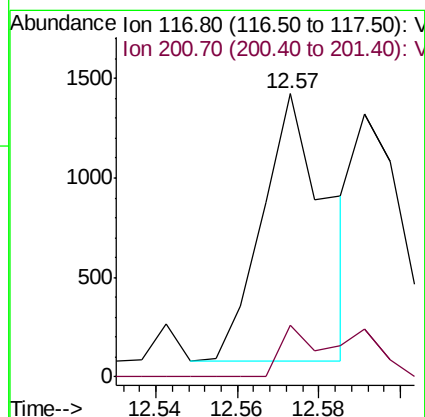
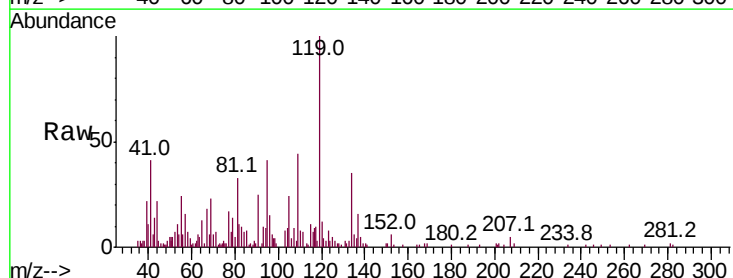
Acq: 27 Aug 2020 15:54

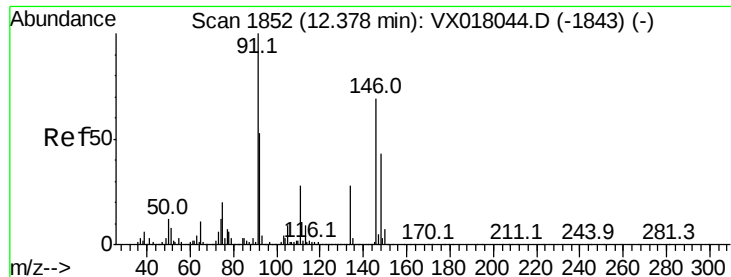
Tgt Ion: 117 Resp: 1488

Ion Ratio Lower Upper

117 100

201 21.5 38.5 115.3#





#91

1,2-Dichlorobenzene

Concen: 0.221 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :
20071

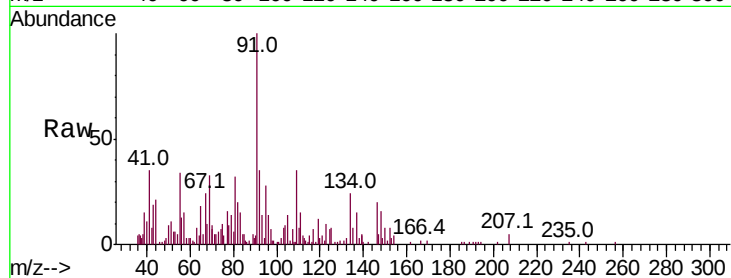
Tot Ion:146 Resp: 1943

Ion Ratio Lower Upper

146 100

111 97.3 20.8 62.5#

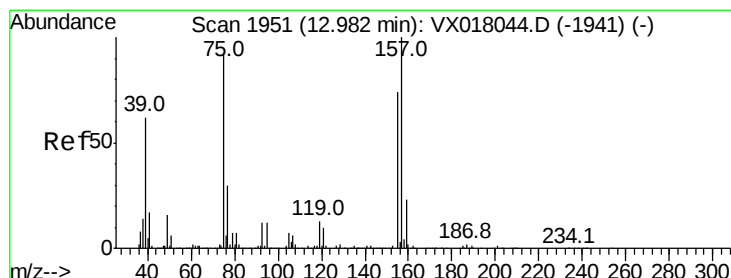
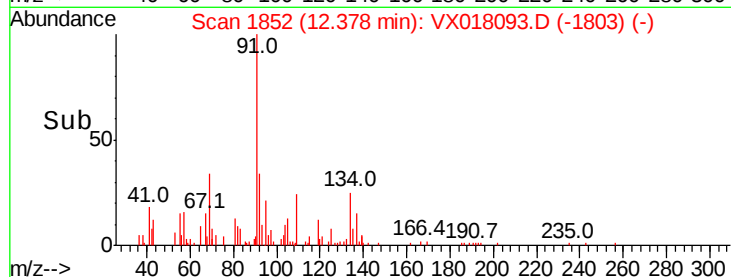
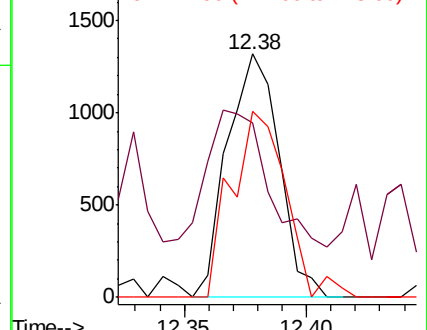
148 80.9 31.6 95.0



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: 0.600 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

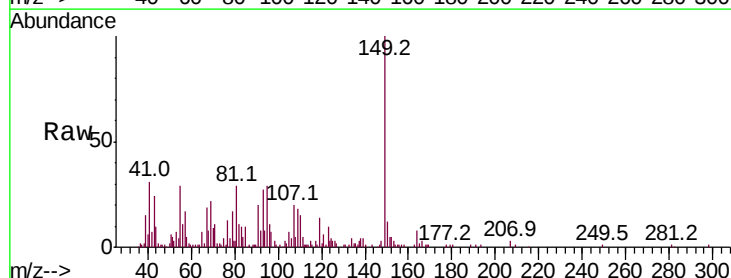
Tgt Ion: 75 Resp: 1021

Ion Ratio Lower Upper

75 100

155 40.5 40.2 120.6

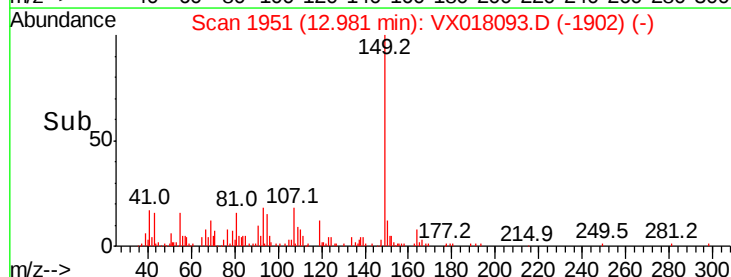
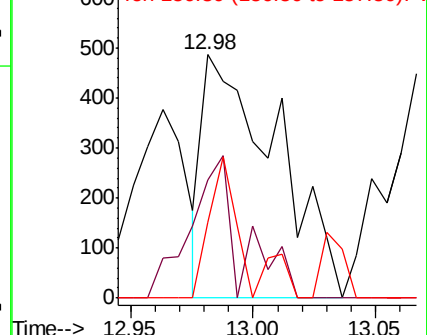
157 20.7 55.0 165.2#

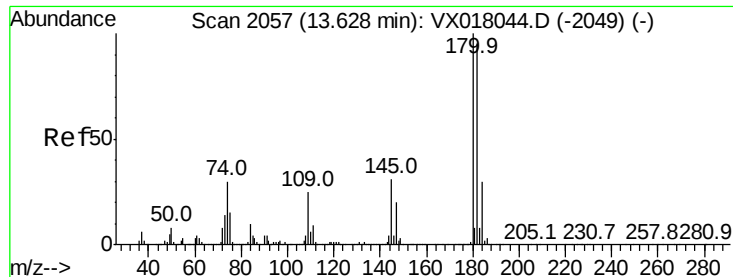


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

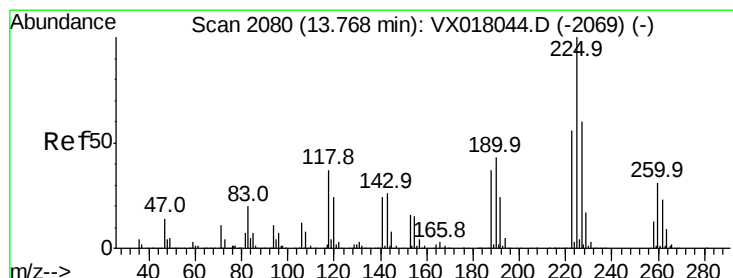
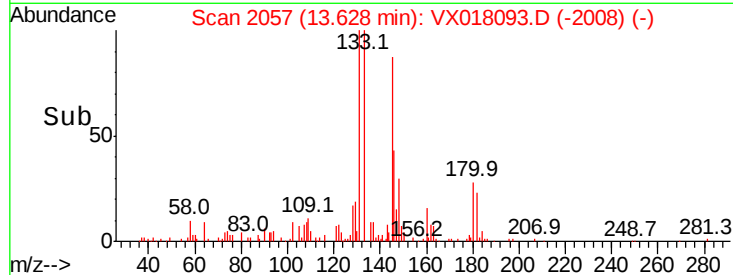
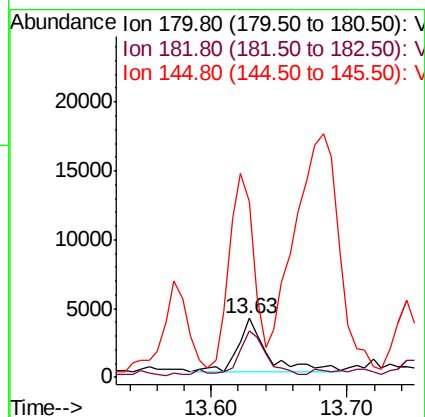
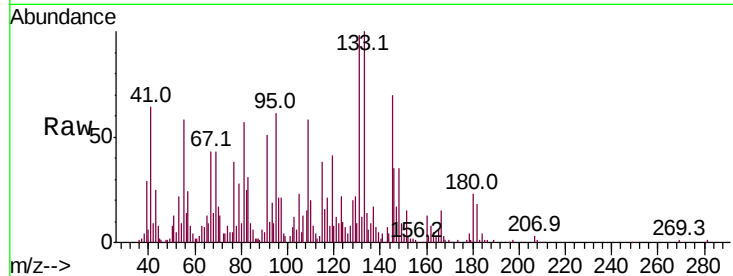




#93
 1,2,4-Trichlorobenzene
 Concen: 0.999 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018093.D
 Acq: 27 Aug 2020 15:54

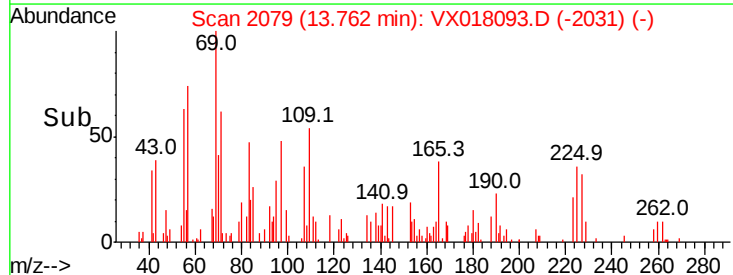
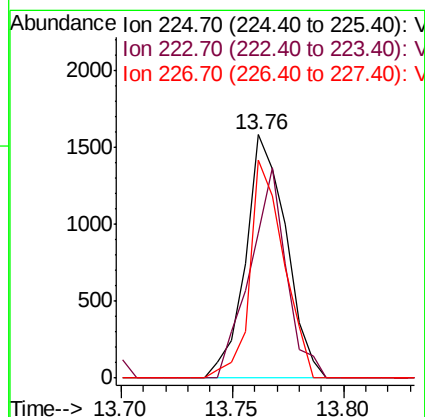
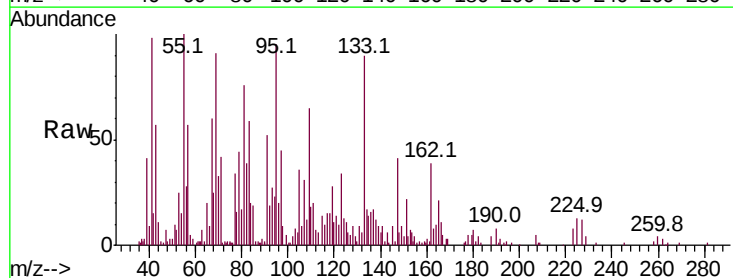
Instrument :
 MSVOA_X
 ClientSampleId :
 20071

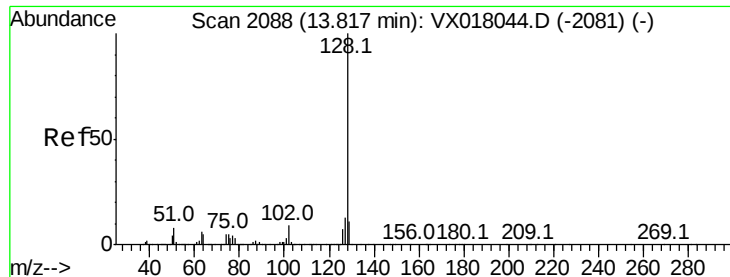
Tot Ion:180 Resp: 5865
 Ion Ratio Lower Upper
 180 100
 182 71.4 47.5 142.6
 145 300.4 15.7 47.1#



#94
 Hexachlorobutadiene
 Concen: 0.871 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018093.D
 Acq: 27 Aug 2020 15:54

Tgt Ion:225 Resp: 2017
 Ion Ratio Lower Upper
 225 100
 223 77.3 30.7 92.1
 227 74.6 32.6 97.8





#95

Naphthalene

Concen: 4.740 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

20071

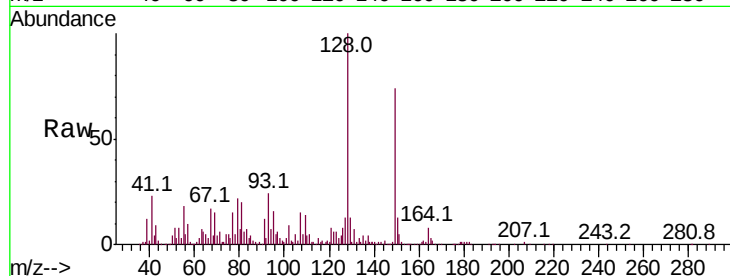
Tot Ion:128 Resp: 91605

Ion Ratio Lower Upper

128 100

127 15.2 10.2 15.2

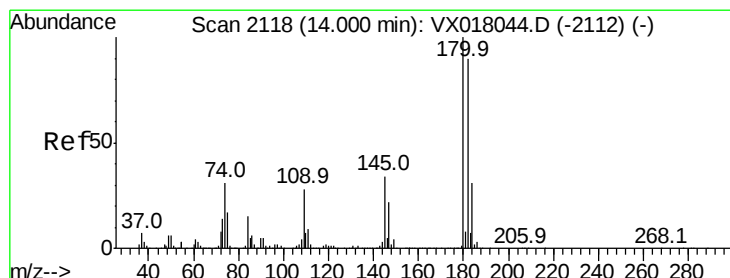
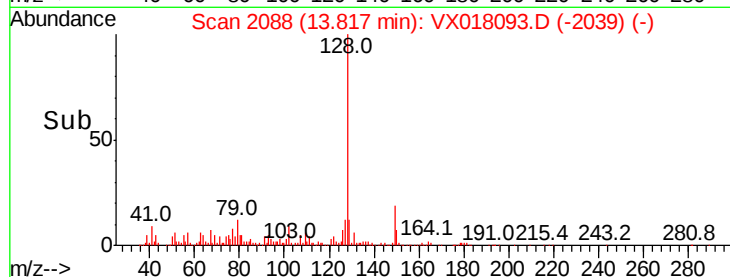
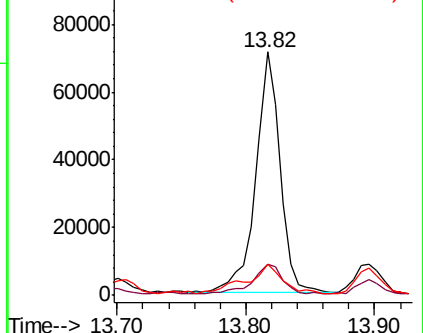
129 18.6 8.7 13.1#



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: 0.887 ug/l

RT: 14.01 min Scan# 2120

Delta R.T. 0.01 min

Lab File: VX018093.D

Acq: 27 Aug 2020 15:54

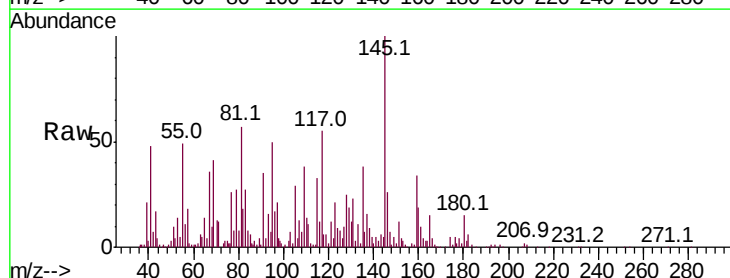
Tgt Ion:180 Resp: 5149

Ion Ratio Lower Upper

180 100

182 51.9 47.3 142.0

145 920.2 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

