

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021159.D
 Acq On : 11 Mar 2021 16:26
 Operator : JC/MD
 Sample : M1647-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

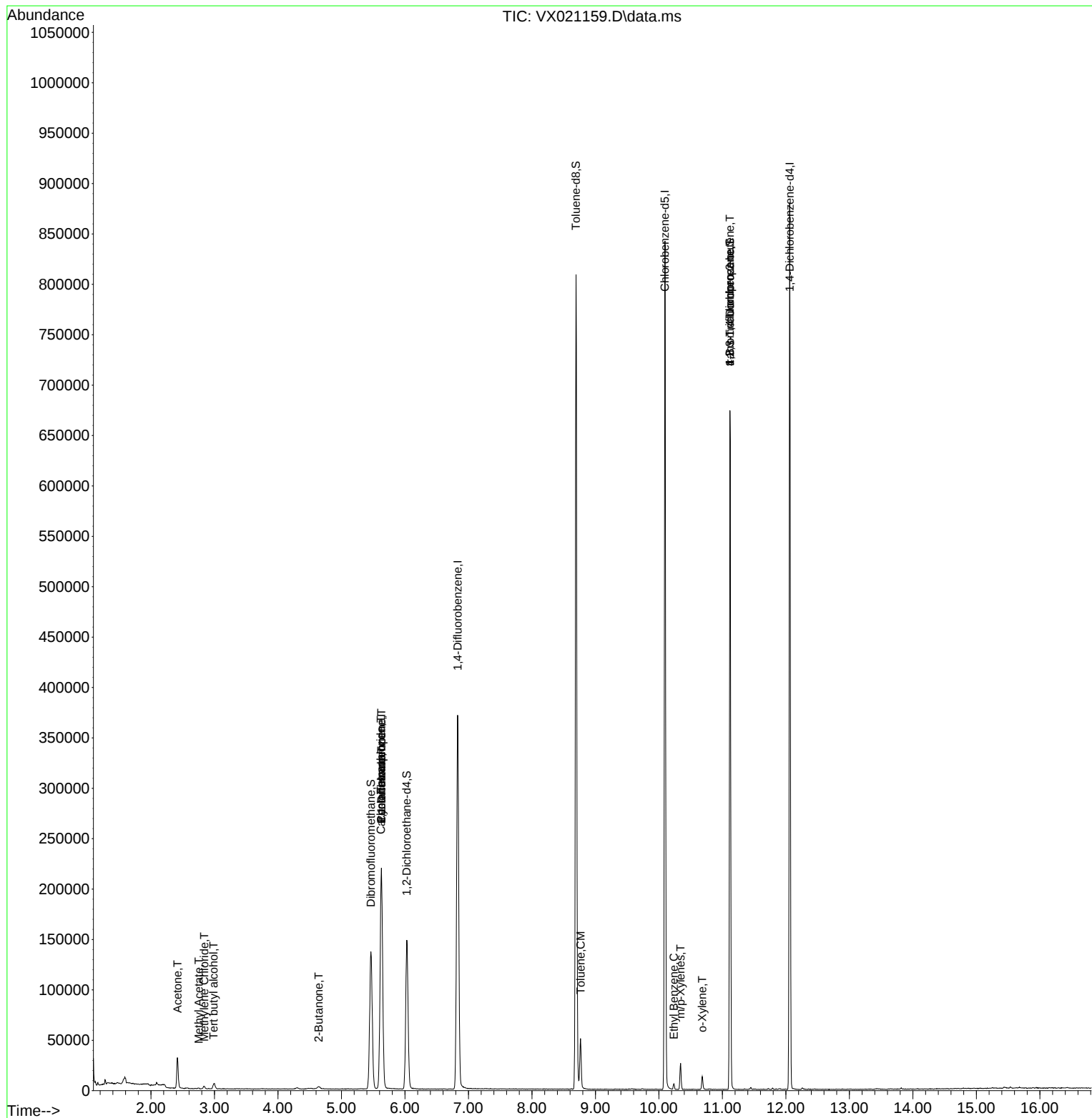
Internal Standards						
1) Pentafluorobenzene	5.629	168	212910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	387171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	387794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	182893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	138561	48.18	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.36%
35) Dibromofluoromethane	5.464	113	120707	51.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.62%
50) Toluene-d8	8.694	98	492903	53.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.48%
62) 4-Bromofluorobenzene	11.118	95	190180	56.08	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.16%
Target Compounds						
					Qvalue	
5) Bromomethane	1.628	94	383	Below Cal	#	57
11) Tert butyl alcohol	2.987	59	3176	4.96	ug/l #	77
16) Acetone	2.417	43	31695	26.75	ug/l	98
18) Methyl Acetate	2.752	43	653	0.23	ug/l	100
20) Methylene Chloride	2.840	84	1177	0.41	ug/l #	93
25) 2-Butanone	4.641	43	1552	0.86	ug/l	96
31) Cyclohexane	5.629	56	4132	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16663	4.53	ug/l #	48
38) Carbon Tetrachloride	5.623	117	19873	5.57	ug/l #	17
52) Toluene	8.765	92	18354	2.67	ug/l	99
67) Ethyl Benzene	10.235	91	3200	0.22	ug/l	94
68) m/p-Xylenes	10.341	106	6240	1.15	ug/l	96
69) o-Xylene	10.683	106	2811	0.53	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	92266	23.45	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	92266	51.92	ug/l #	12

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

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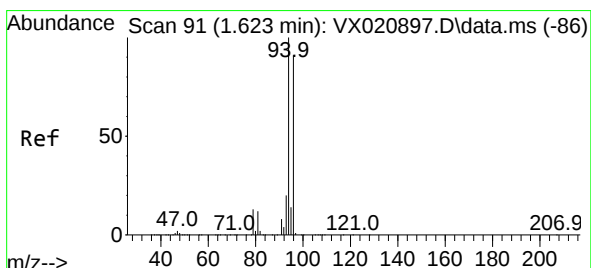
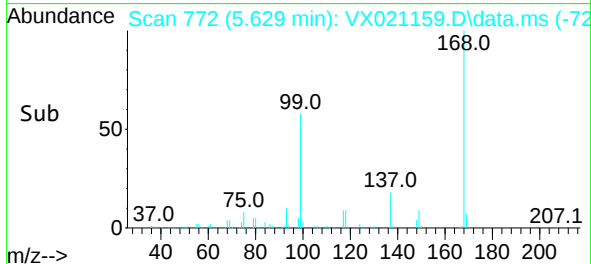
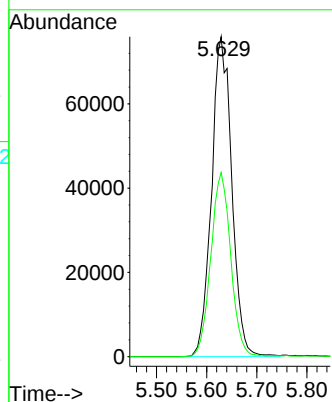
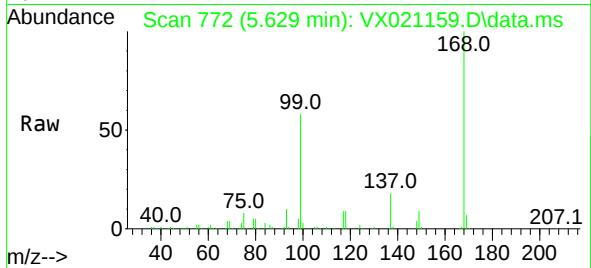




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

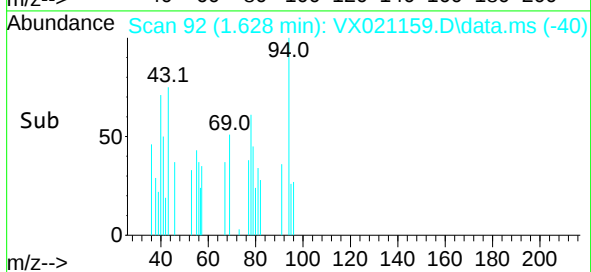
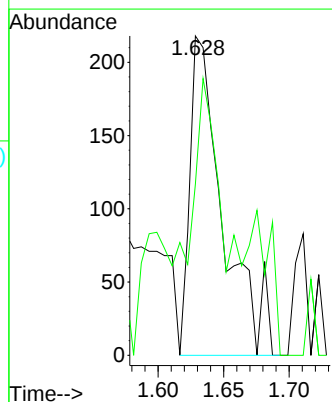
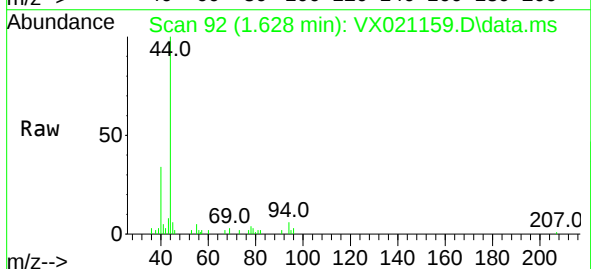
Instrument :
MSVOA_X
ClientSampleId :

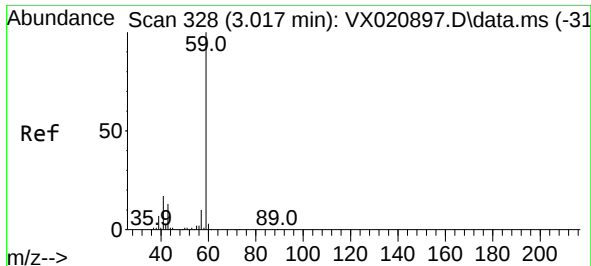
Tgt Ion:168 Resp: 212910
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
96 53.7 76.4 114.6#

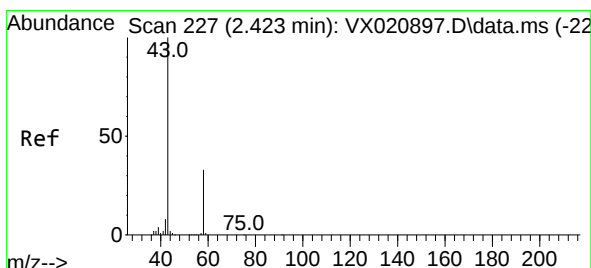
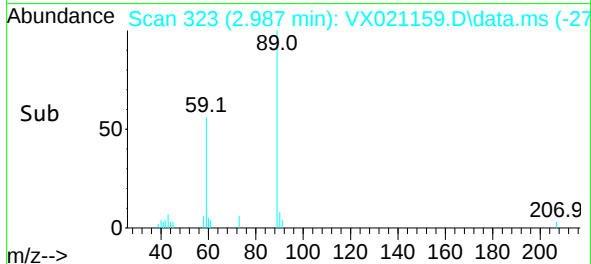
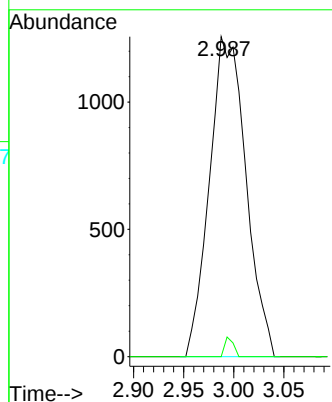
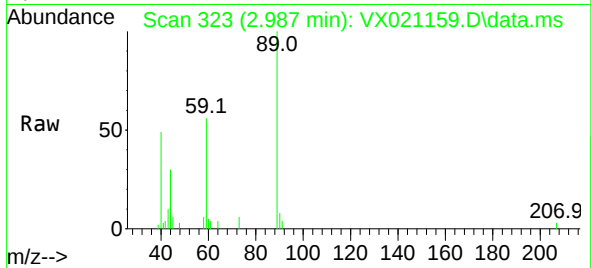




#11
Tert butyl alcohol
Concen: 4.96 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

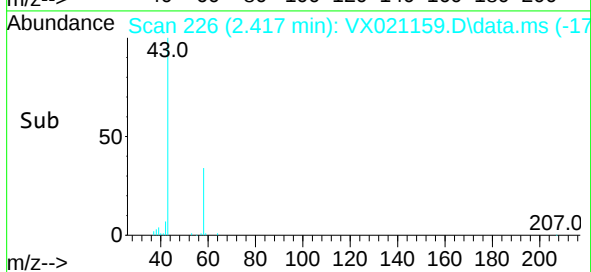
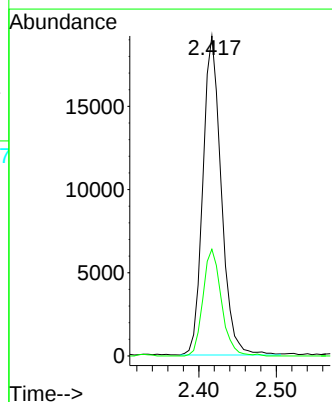
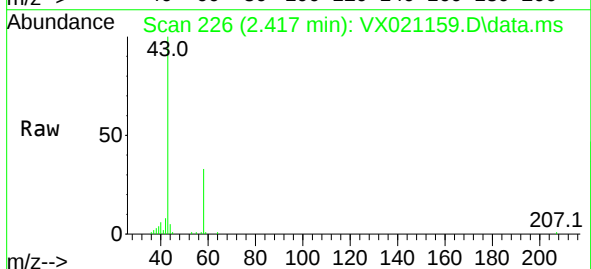
Instrument :
MSVOA_X
ClientSampleId :

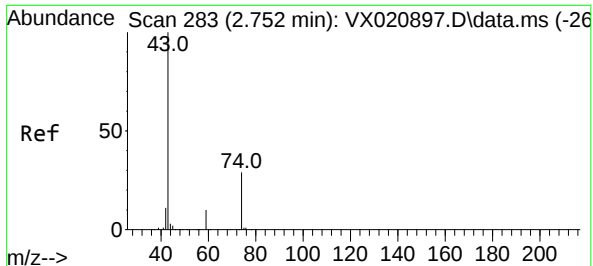
Tgt Ion: 59 Resp: 3176
Ion Ratio Lower Upper
59 100
57 1.4 7.8 11.8#



#16
Acetone
Concen: 26.75 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

Tgt Ion: 43 Resp: 31695
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8

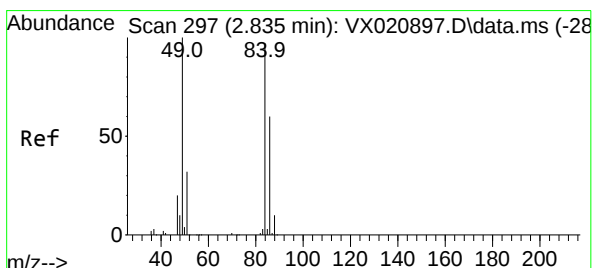
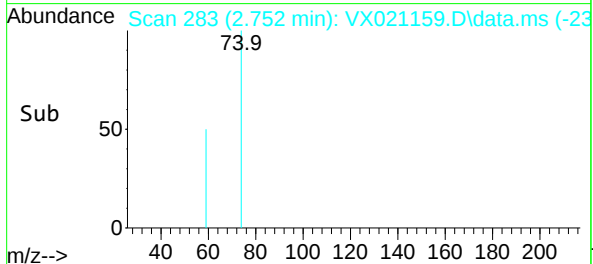
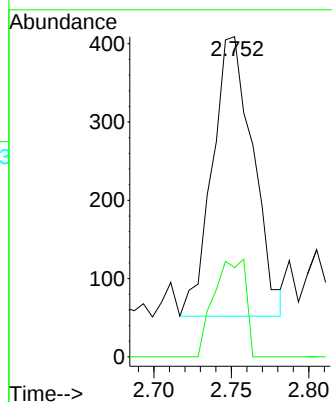
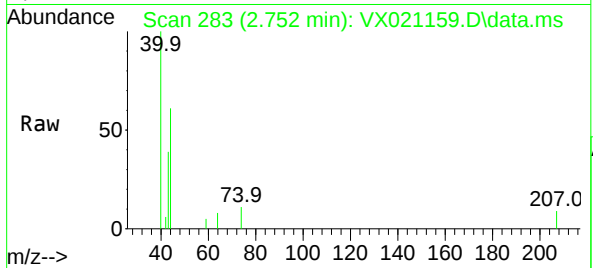




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

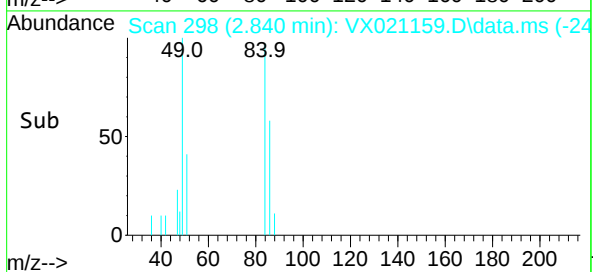
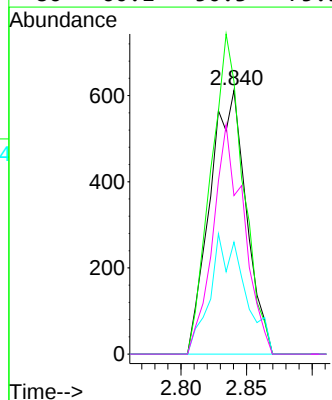
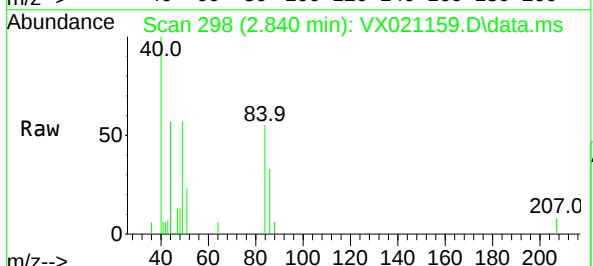
Instrument :
MSVOA_X
ClientSampleId :

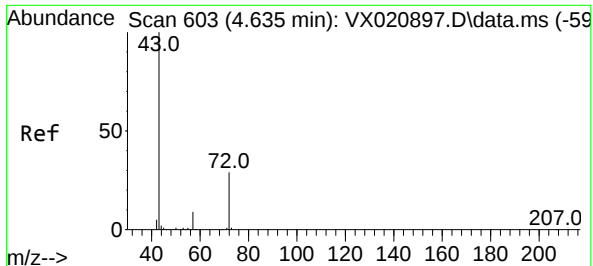
Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
74 27.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

Tgt Ion: 84 Resp: 1177
Ion Ratio Lower Upper
84 100
49 103.4 88.6 132.8
51 42.5 27.0 40.6#
86 60.1 50.3 75.5





#25

2-Butanone

Concen: 0.86 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021159.D

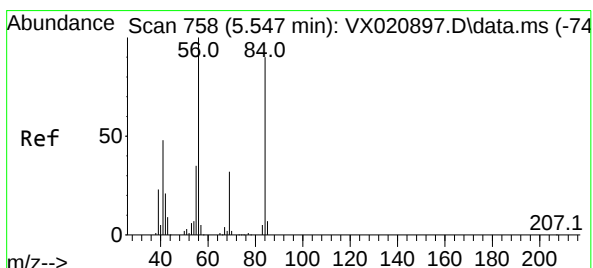
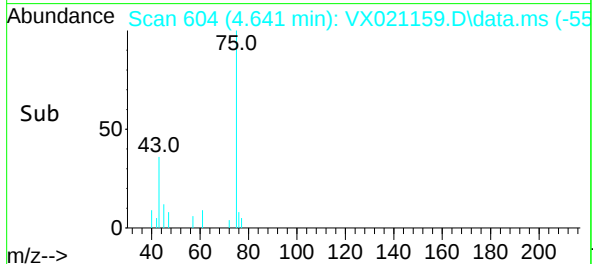
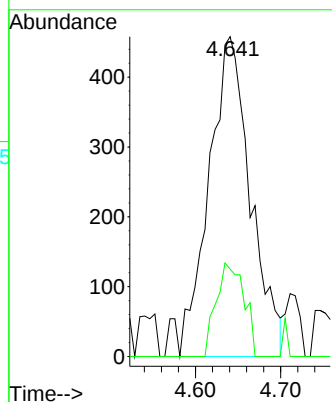
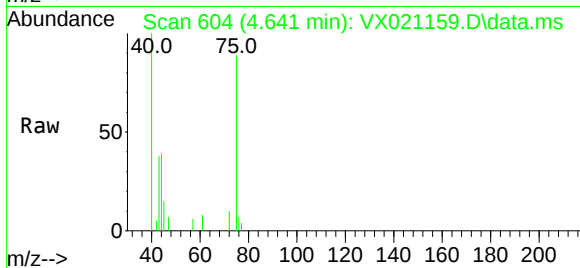
Acq: 11 Mar 2021 16:26

Tgt Ion: 43 Resp: 1552

Ion Ratio Lower Upper

43 100

72 27.3 23.7 35.5



#31

Cyclohexane

Concen: 0.99 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021159.D

Acq: 11 Mar 2021 16:26

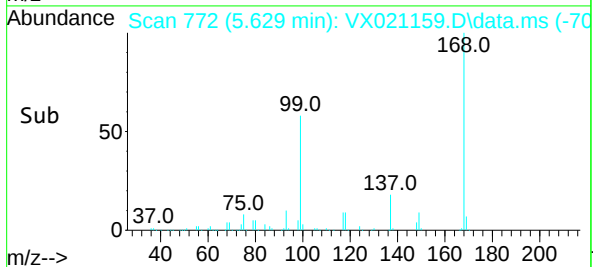
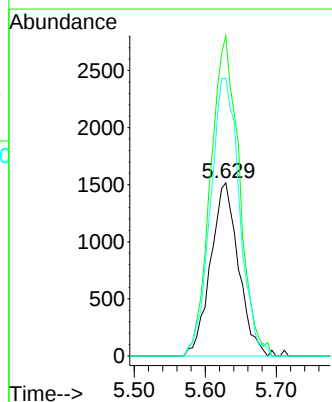
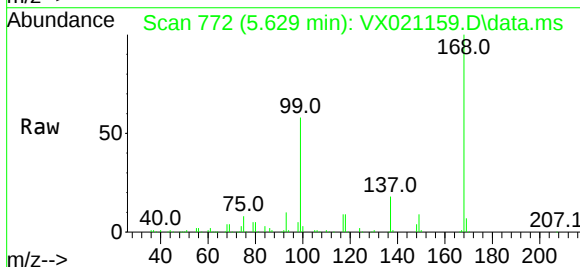
Tgt Ion: 56 Resp: 4132

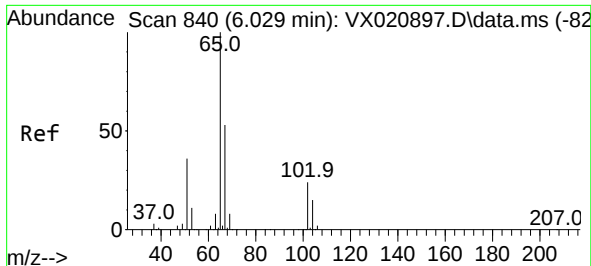
Ion Ratio Lower Upper

56 100

69 184.8 25.3 37.9#

84 160.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.18 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021159.D

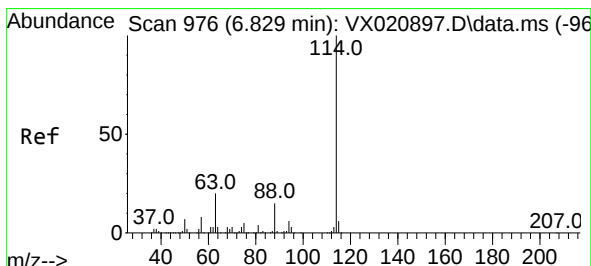
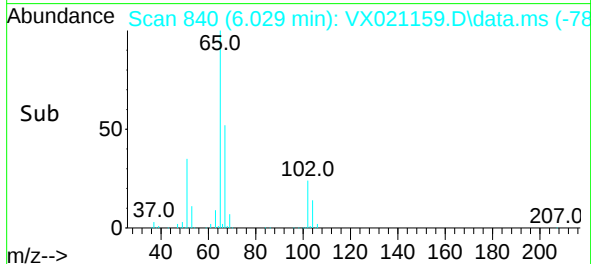
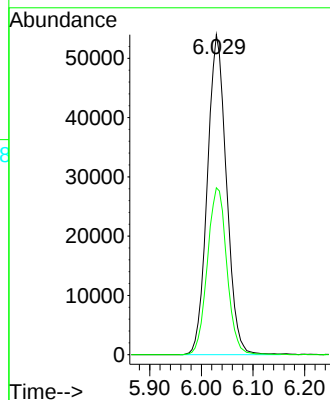
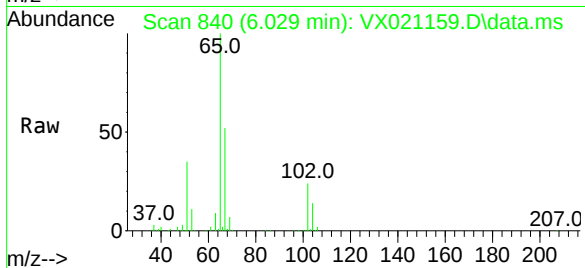
Acq: 11 Mar 2021 16:26

Tgt Ion: 65 Resp: 138561

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021159.D

Acq: 11 Mar 2021 16:26

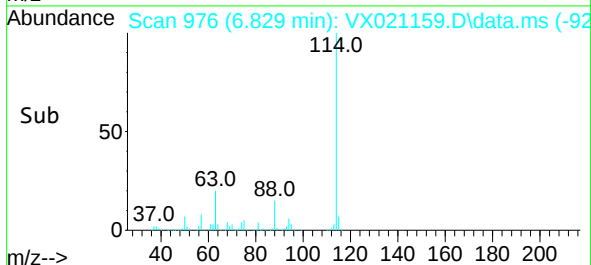
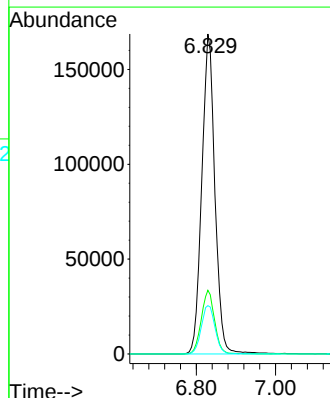
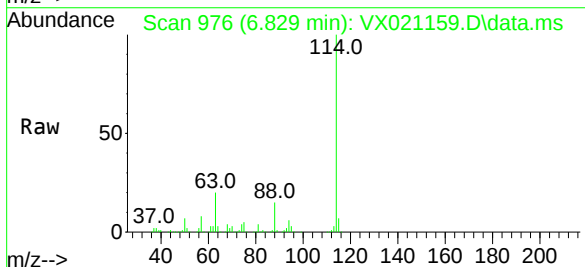
Tgt Ion: 114 Resp: 387171

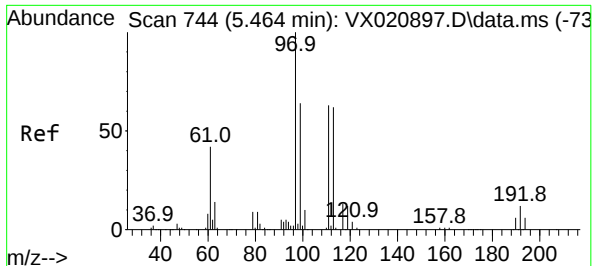
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.1 0.0 32.8

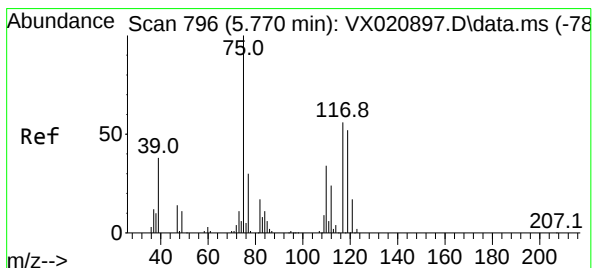
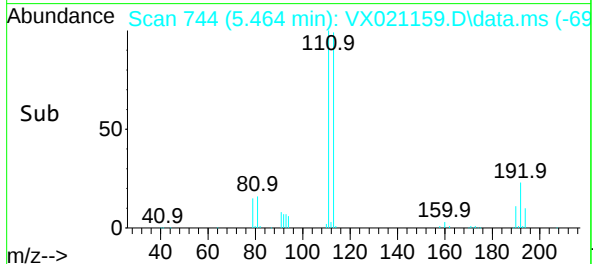
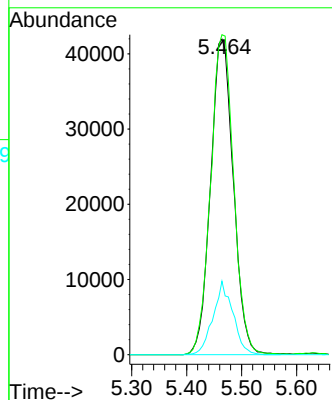
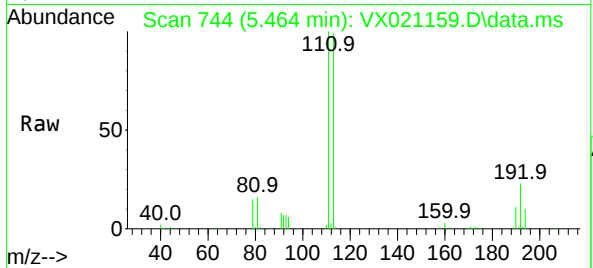




#35
Dibromofluoromethane
Concen: 51.31 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

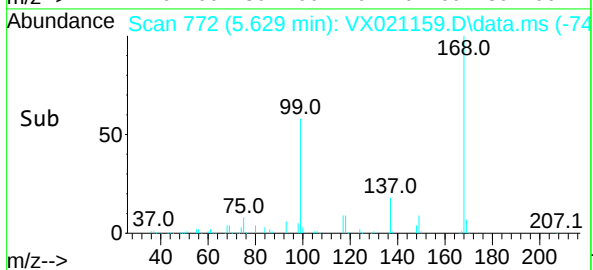
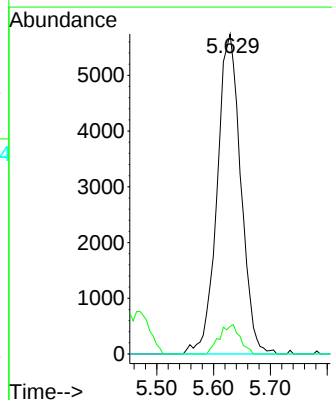
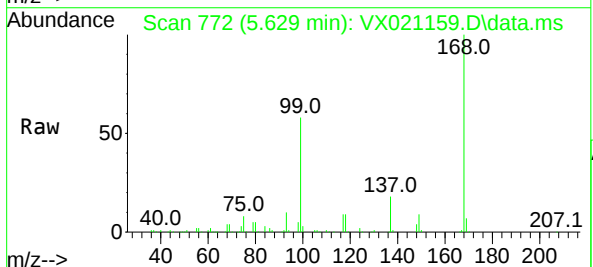
Instrument :
MSVOA_X
ClientSampleId :

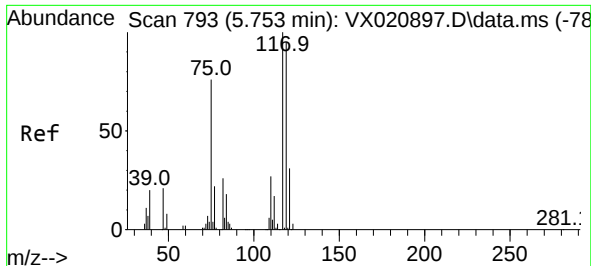
Tgt Ion:113 Resp: 120707
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

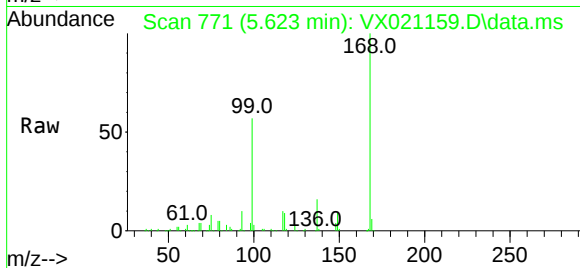
Tgt Ion: 75 Resp: 16663
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#



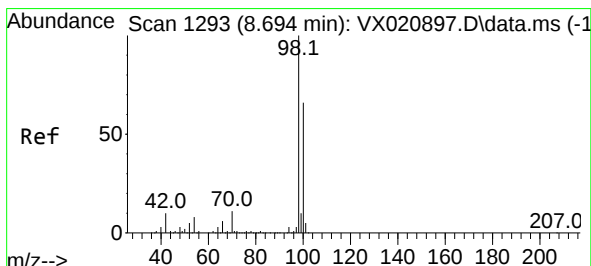
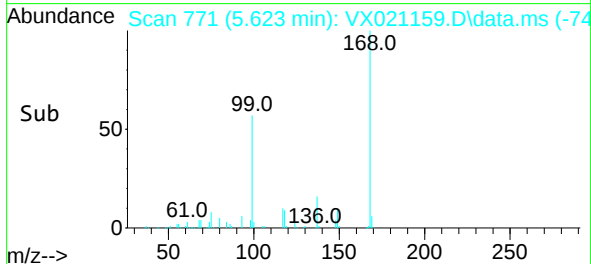
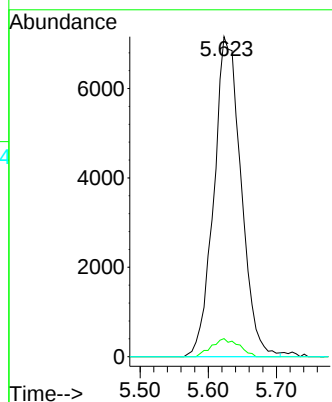


#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

Instrument :
MSVOA_X
ClientSampleId :

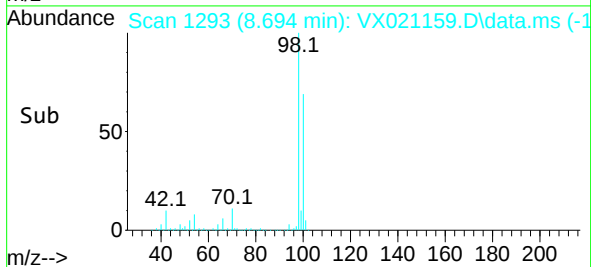
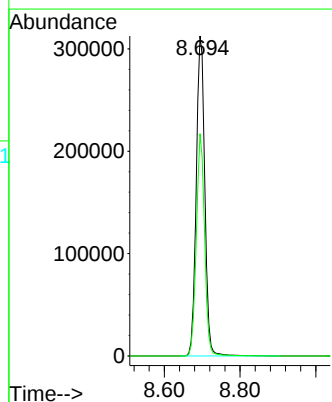
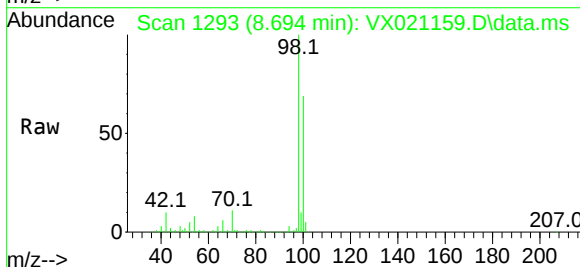


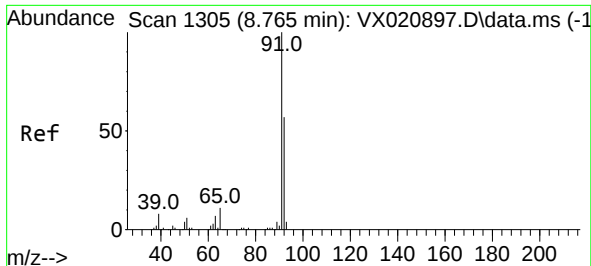
Tgt Ion:117 Resp: 19873
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.74 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

Tgt Ion: 98 Resp: 492903
Ion Ratio Lower Upper
98 100
100 67.3 51.9 77.9

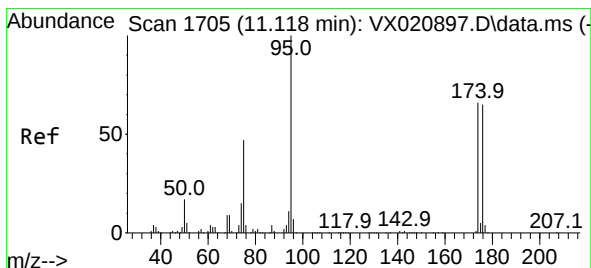
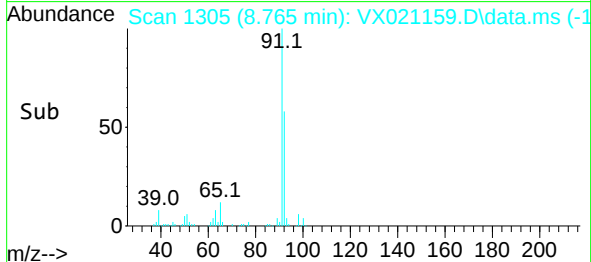
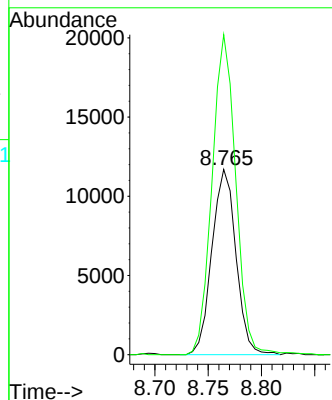
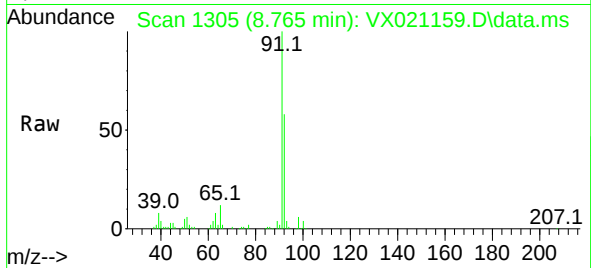




#52
Toluene
Concen: 2.67 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

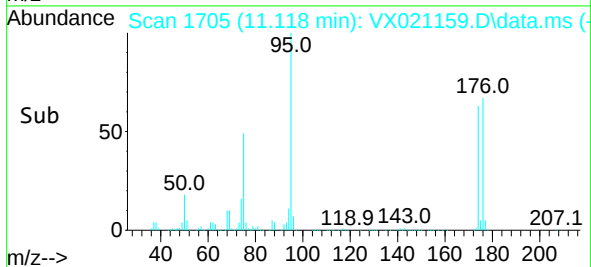
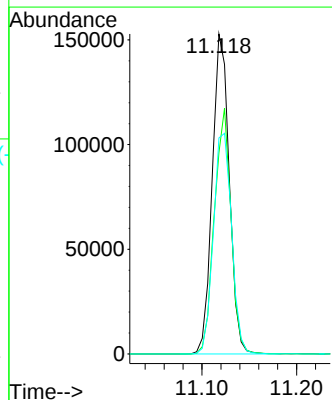
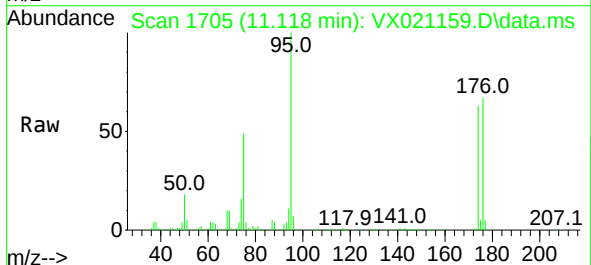
Instrument :
MSVOA_X
ClientSampled :

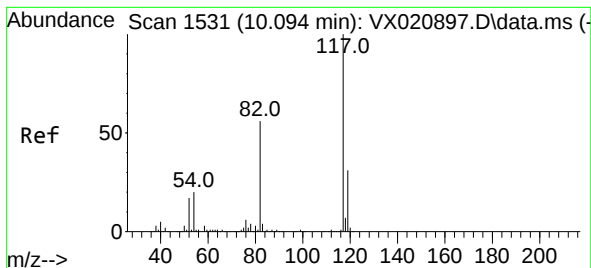
Tgt Ion: 92 Resp: 18354
Ion Ratio Lower Upper
92 100
91 170.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 56.08 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

Tgt Ion: 95 Resp: 190180
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.6
176 74.2 0.0 155.8

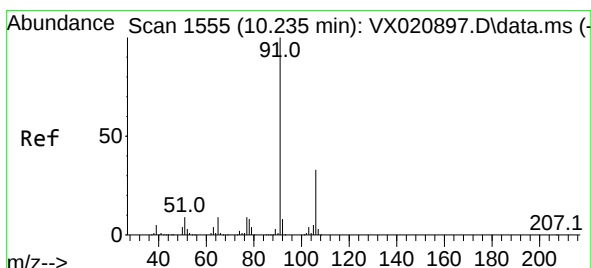
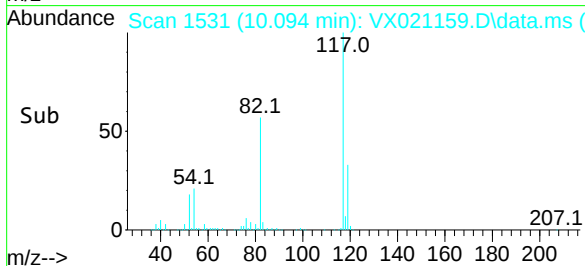
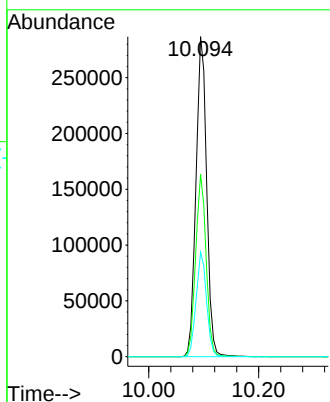
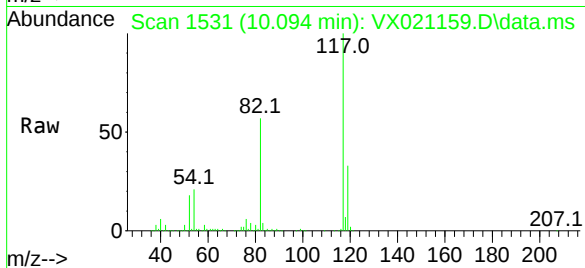




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

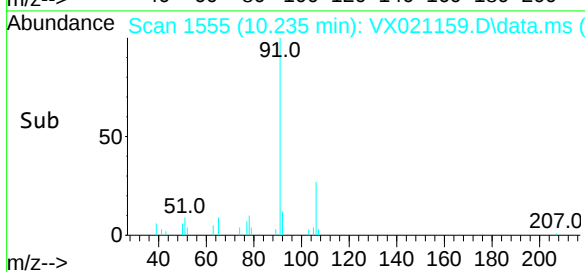
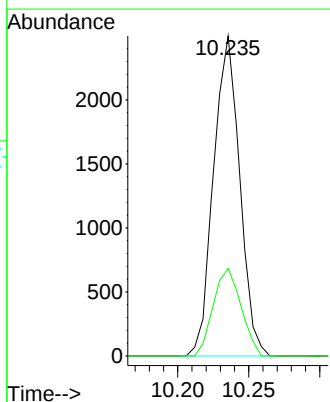
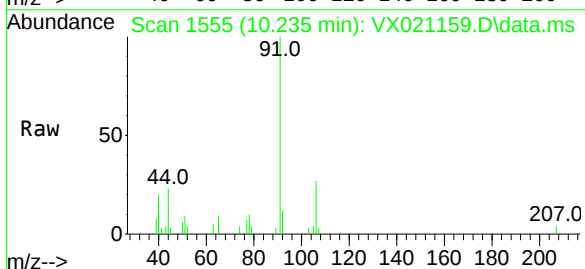
Instrument :
MSVOA_X
ClientSampleId :

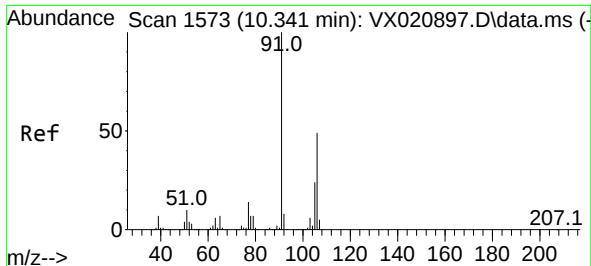
Tgt Ion:117 Resp: 387794
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.7 26.6 39.8



#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

Tgt Ion: 91 Resp: 3200
Ion Ratio Lower Upper
91 100
106 27.4 24.6 37.0

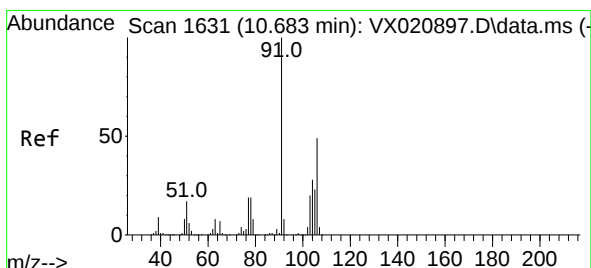
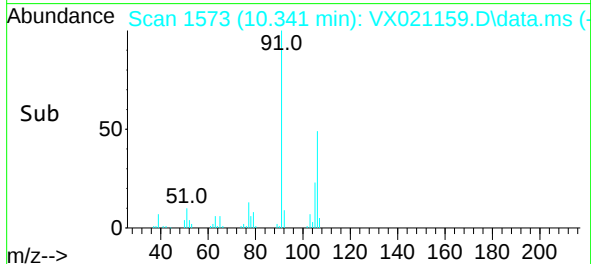
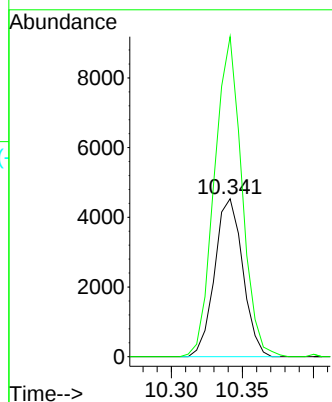
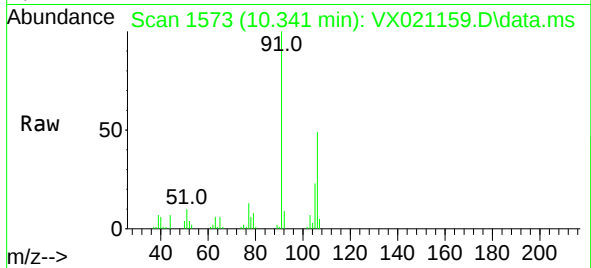




#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

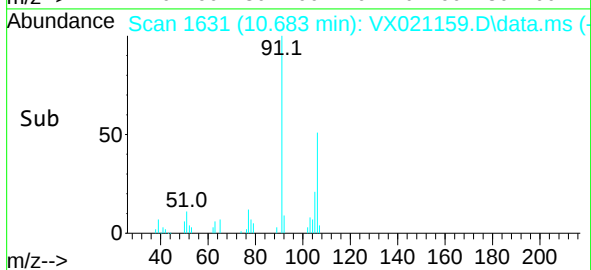
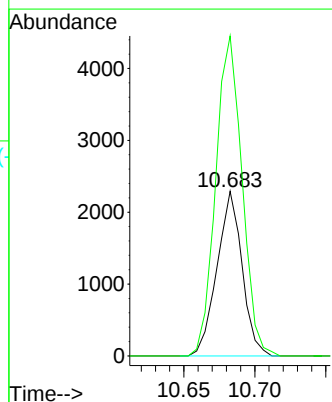
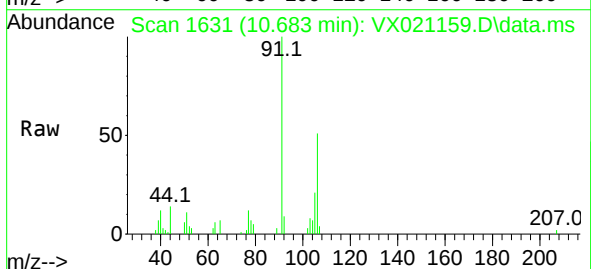
Instrument :
MSVOA_X
ClientSampled :

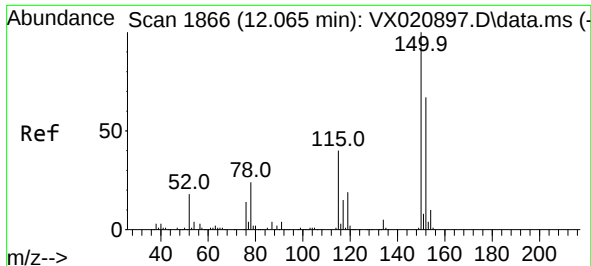
Tgt Ion:106 Resp: 6240
Ion Ratio Lower Upper
106 100
91 197.5 162.8 244.2



#69
o-Xylene
Concen: 0.53 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

Tgt Ion:106 Resp: 2811
Ion Ratio Lower Upper
106 100
91 204.3 108.1 324.2

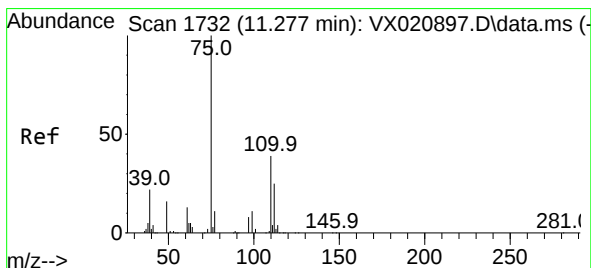
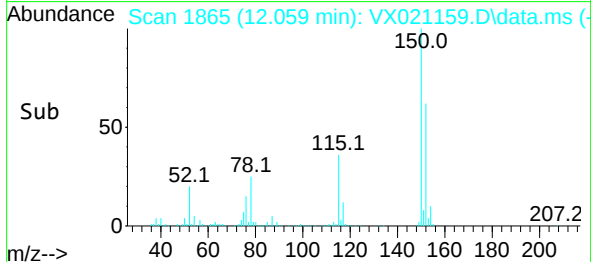
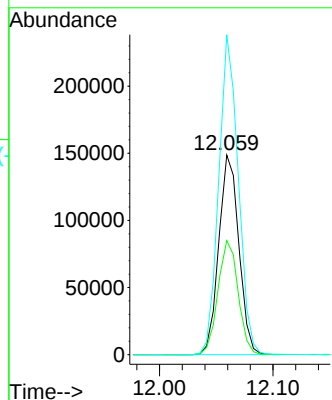
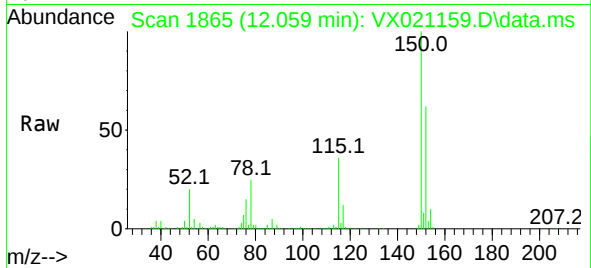




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

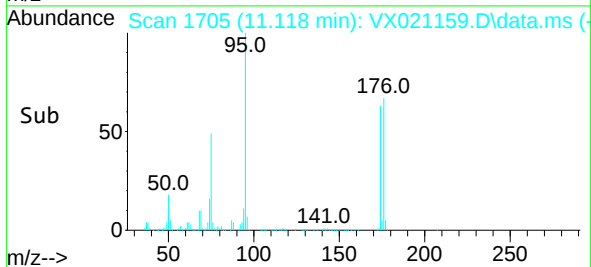
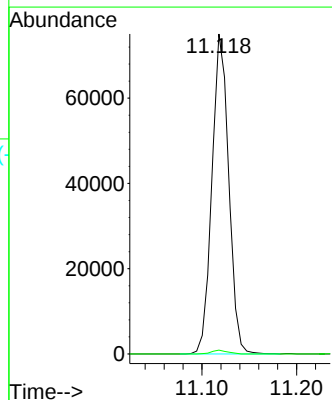
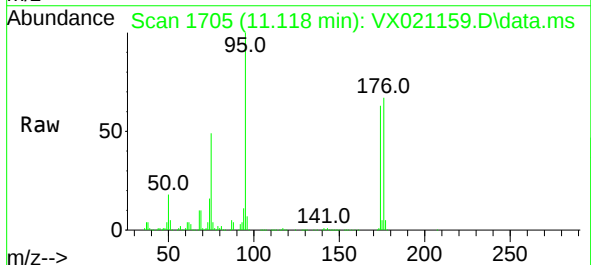
Instrument :
MSVOA_X
ClientSampleId :

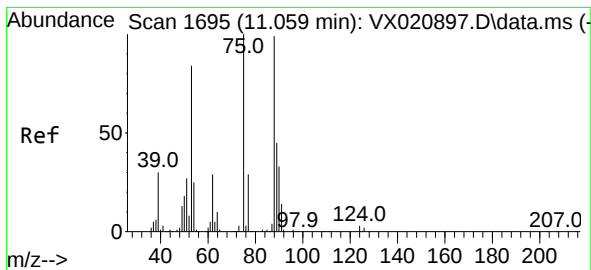
Tgt Ion:152 Resp: 182893
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 155.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.45 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021159.D
Acq: 11 Mar 2021 16:26

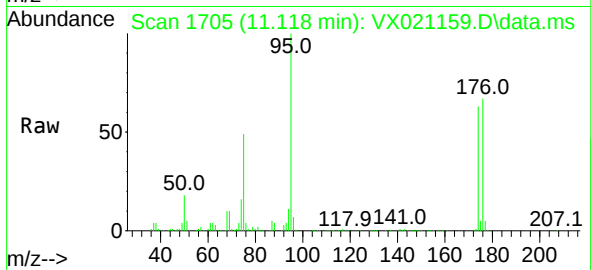
Tgt Ion: 75 Resp: 92266
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.92 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021159.D
 Acq: 11 Mar 2021 16:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 92266
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

