

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022623.D
 Acq On : 09 Jun 2021 18:51
 Operator : JC/MD
 Sample : PB136943TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136943TB

Quant Time: Jun 10 05:45:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

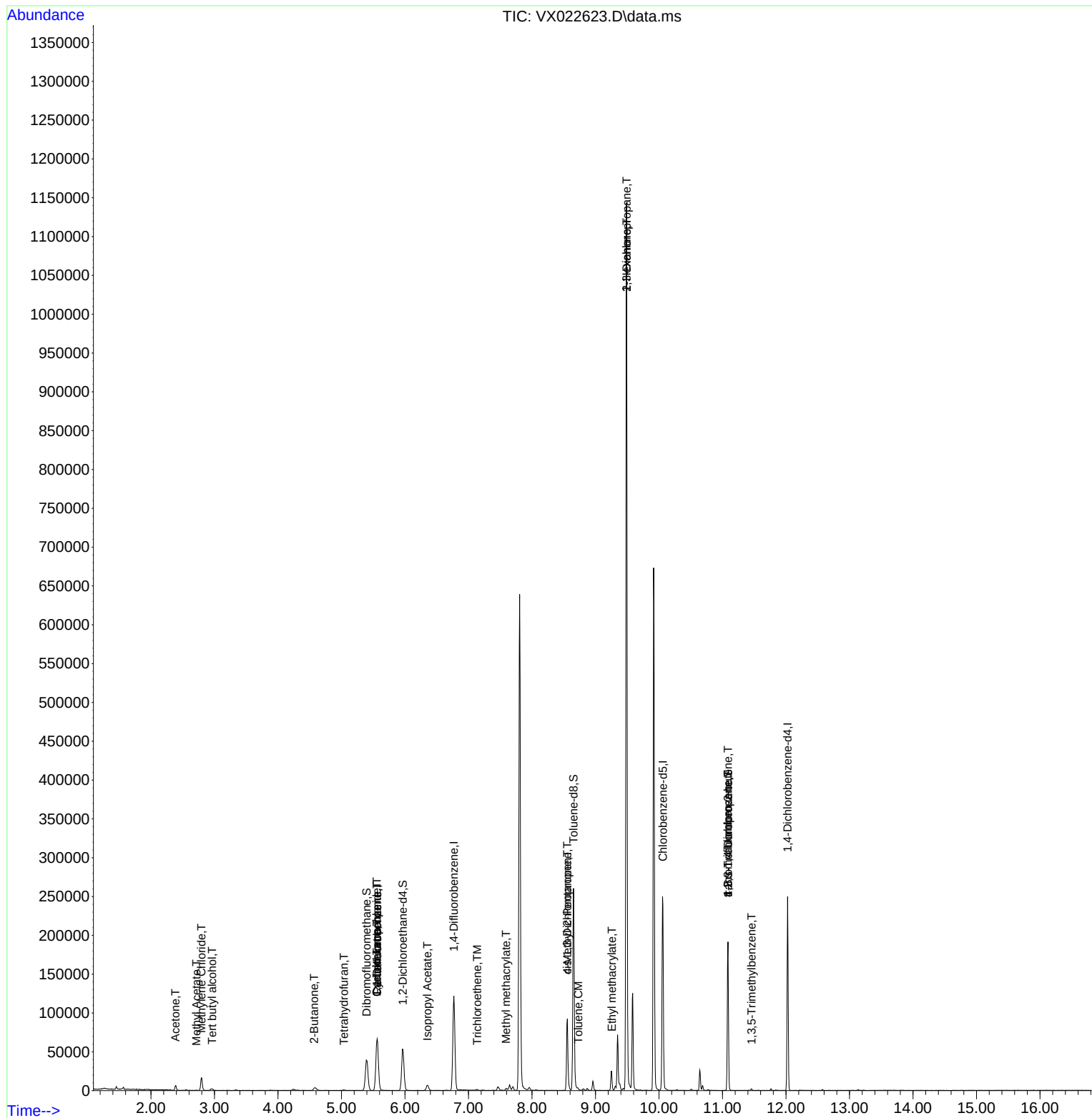
Internal Standards						
1) Pentafluorobenzene	5.562	168	56009	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	116096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	108610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49379	49.59	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.18%		
35) Dibromofluoromethane	5.397	113	34573	47.60	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.20%		
50) Toluene-d8	8.653	98	146926	50.69	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.38%		
62) 4-Bromofluorobenzene	11.085	95	52168	48.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.86%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	1982	8.87	ug/l	# 80
16) Acetone	2.386	43	6772	15.14	ug/l	# 81
18) Methyl Acetate	2.715	43	403	0.33	ug/l	# 47
20) Methylene Chloride	2.794	84	7195	7.70	ug/l	91
25) 2-Butanone	4.568	43	4836	6.54	ug/l	# 80
29) Tetrahydrofuran	5.038	42	655	1.51	ug/l	# 44
31) Cyclohexane	5.556	56	1718	1.46	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	5824	5.19	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	6621	8.17	ug/l	# 15
43) Isopropyl Acetate	6.355	43	9589	4.10	ug/l	# 92
44) Trichloroethene	7.135	130	296	0.36	ug/l	59
48) Methyl methacrylate	7.592	41	3426	3.15	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.555	43	32717	22.47	ug/l	# 45
52) Toluene	8.726	92	501	0.23	ug/l	95
54) cis-1,3-Dichloropropene	8.555	75	14468	11.54	ug/l	# 67
56) Ethyl methacrylate	9.257	69	57	2.74	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9535	6.22	ug/l	# 42
59) 2-Hexanone	9.488	43	131825	118.53	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	27371	25.10	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	1296	0.44	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.085	75	27371	62.09	ug/l	# 12

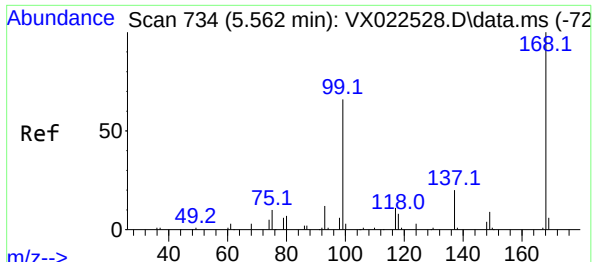
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

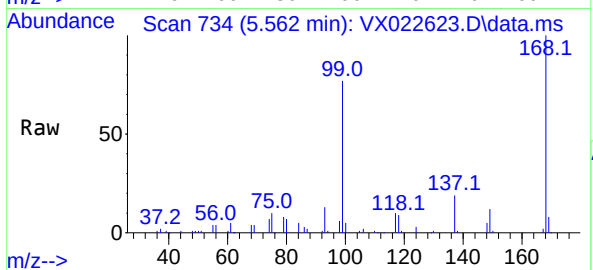
Quant Time: Jun 10 05:45:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



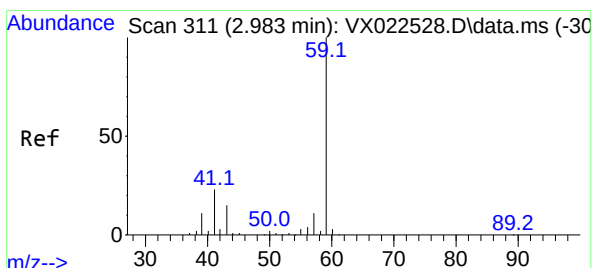
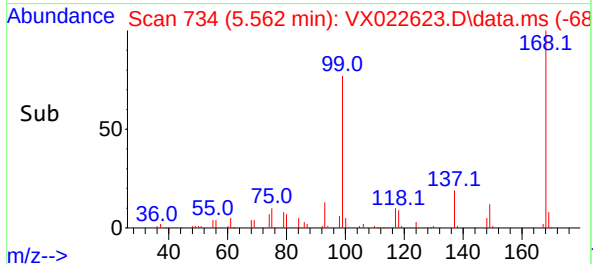
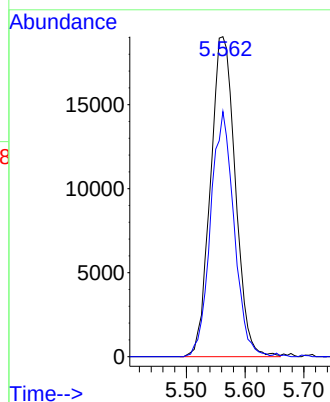


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

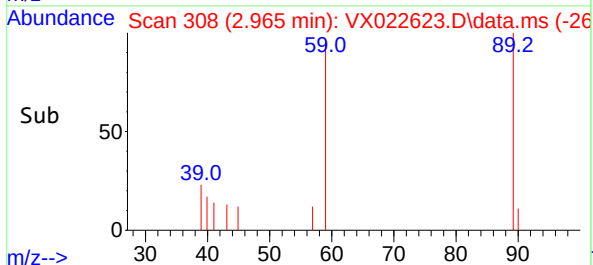
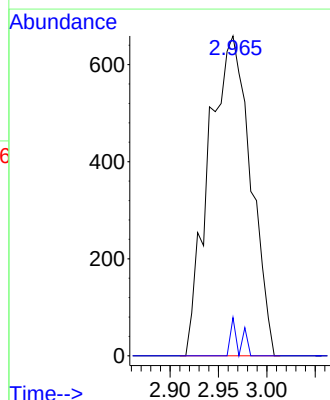
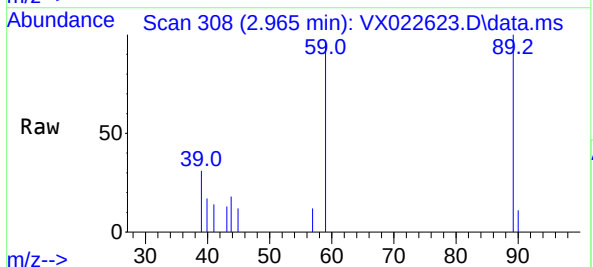


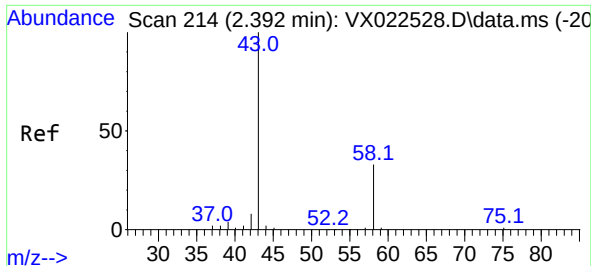
Tgt Ion:168 Resp: 56009
Ion Ratio Lower Upper
168 100
99 76.6 45.8 68.6#



#11
Tert butyl alcohol
Concen: 8.87 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 59 Resp: 1982
Ion Ratio Lower Upper
59 100
57 2.5 7.8 11.8#

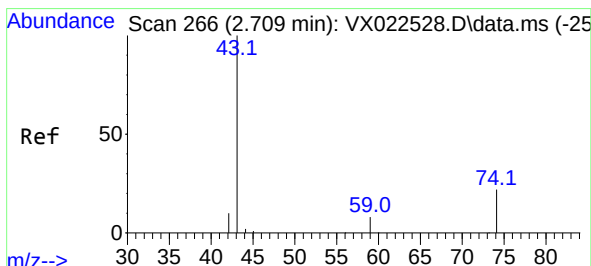
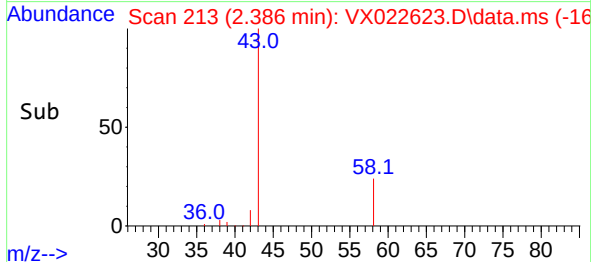
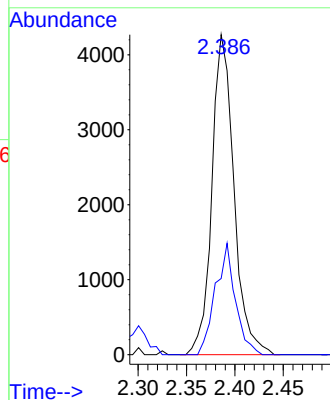
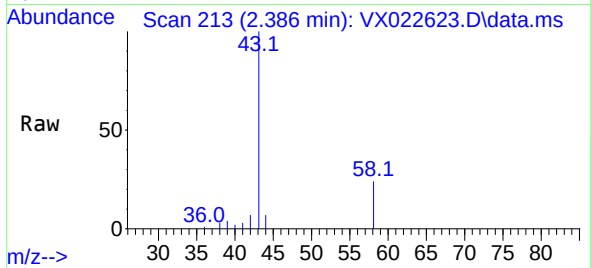




#16
Acetone
Concen: 15.14 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

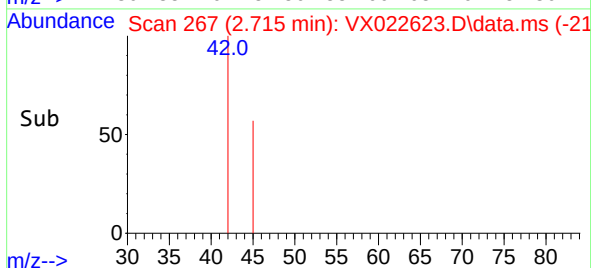
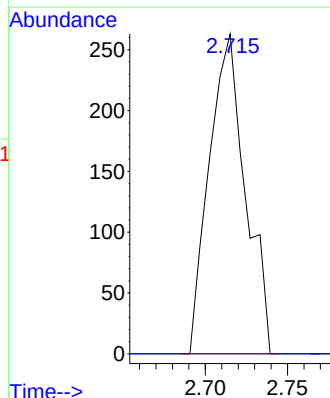
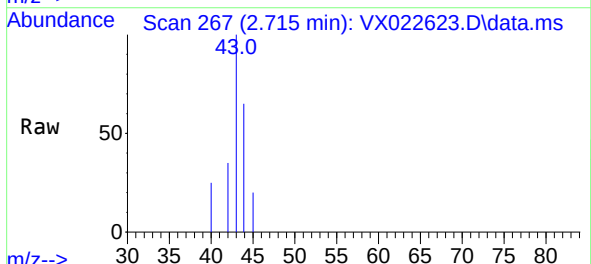
Instrument :
MSVOA_X
ClientSampled :
PB136943TB

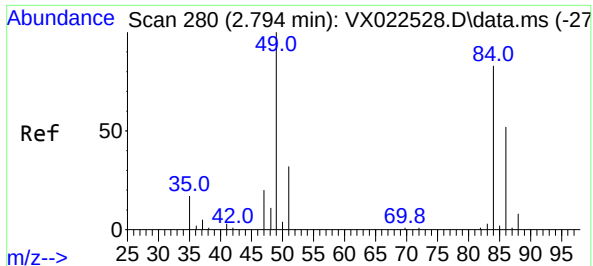
Tgt Ion: 43 Resp: 6772
Ion Ratio Lower Upper
43 100
58 23.8 27.8 41.8#



#18
Methyl Acetate
Concen: 0.33 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



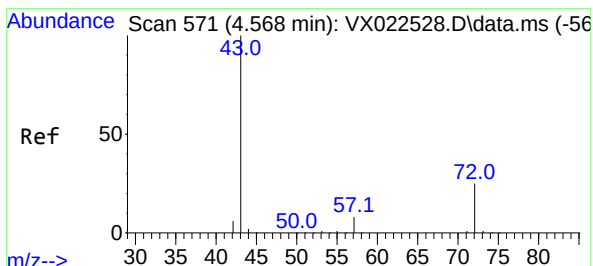
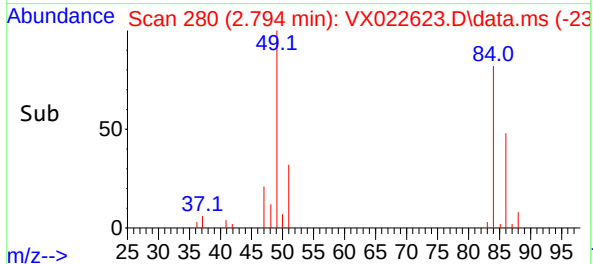
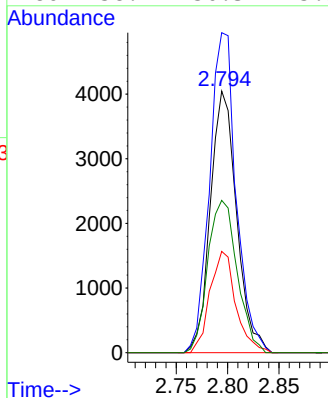
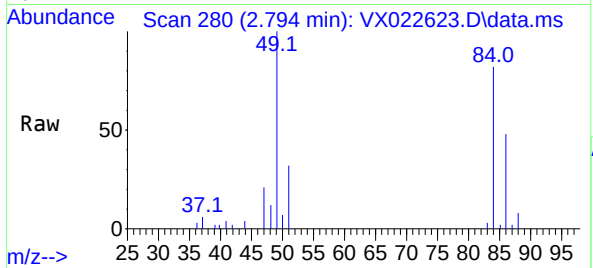


#20
Methylene Chloride
Concen: 7.70 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

Tgt Ion: 84 Resp: 7195

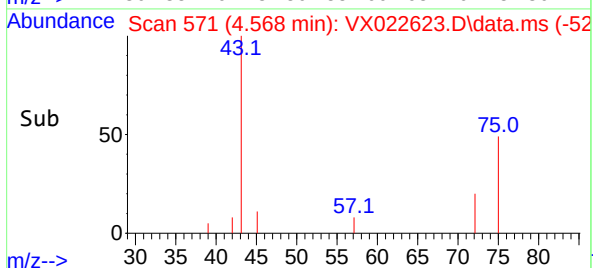
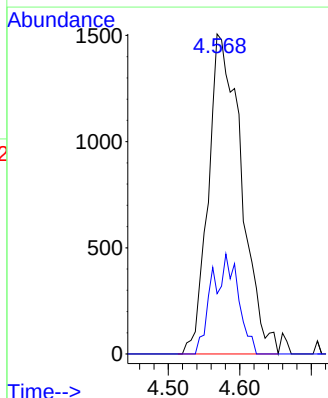
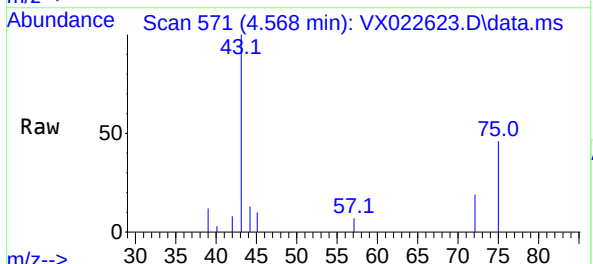
Ion	Ratio	Lower	Upper
84	100		
49	122.3	88.6	132.8
51	38.7	27.0	40.6
86	58.2	50.3	75.5

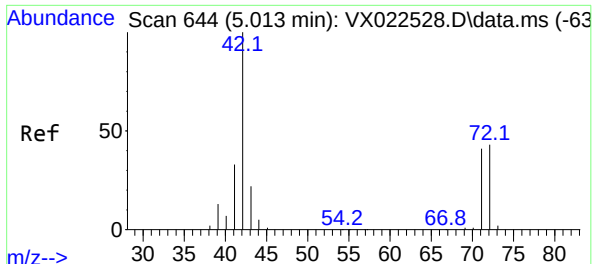


#25
2-Butanone
Concen: 6.54 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 43 Resp: 4836

Ion	Ratio	Lower	Upper
43	100		
72	18.8	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.51 ug/l

RT: 5.038 min Scan# 648

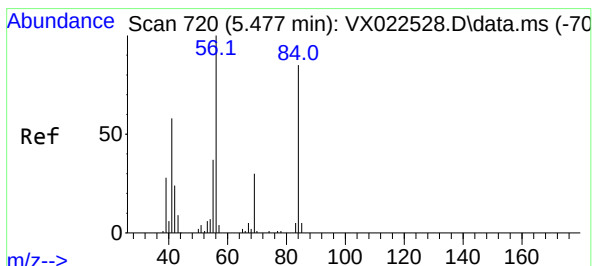
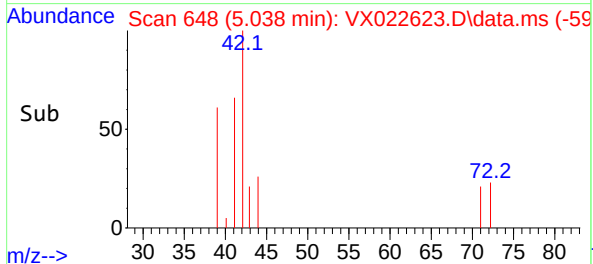
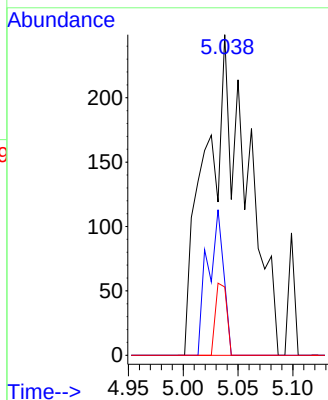
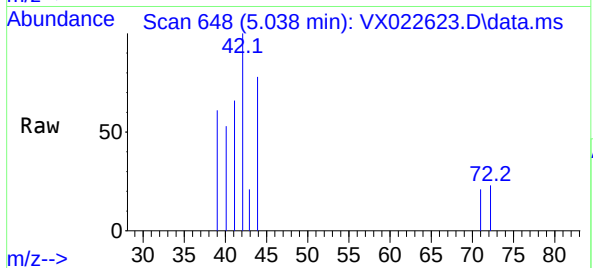
Delta R.T. 0.025 min

Lab File: VX022623.D

Acq: 09 Jun 2021 18:51

Tgt Ion:	42	Resp:	655
Ion	Ratio	Lower	Upper
42	100		
72	17.3	41.7	62.5#
71	6.1	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
PB136943TB



#31

Cyclohexane

Concen: 1.46 ug/l

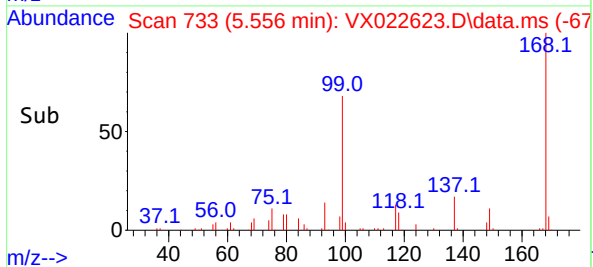
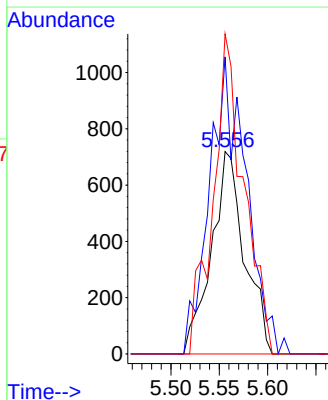
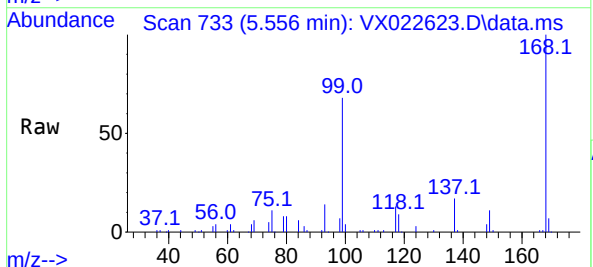
RT: 5.556 min Scan# 733

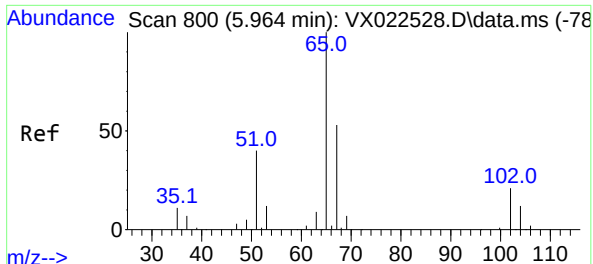
Delta R.T. 0.079 min

Lab File: VX022623.D

Acq: 09 Jun 2021 18:51

Tgt Ion:	56	Resp:	1718
Ion	Ratio	Lower	Upper
56	100		
69	146.9	25.3	37.9#
84	158.1	71.4	107.0#



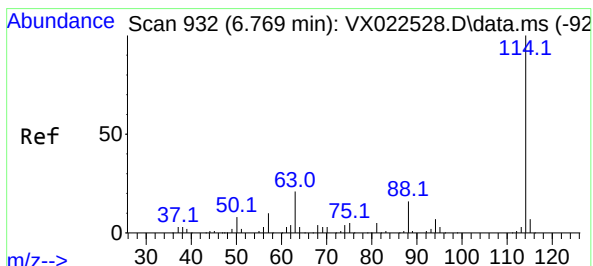
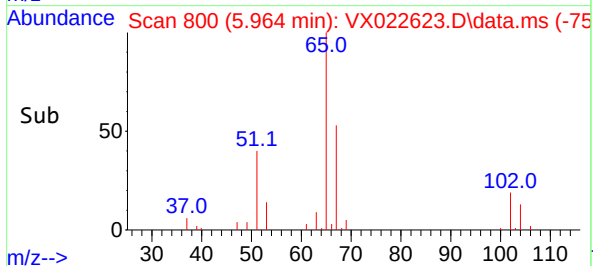
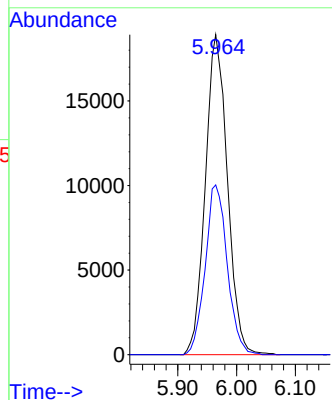
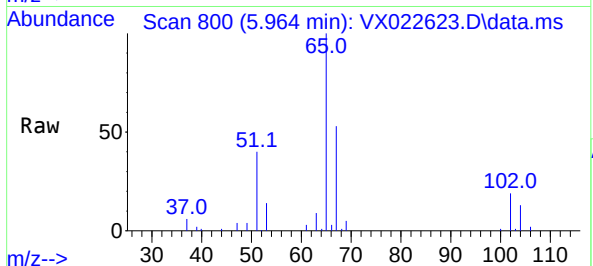


#33

1,2-Dichloroethane-d4
Concen: 49.59 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

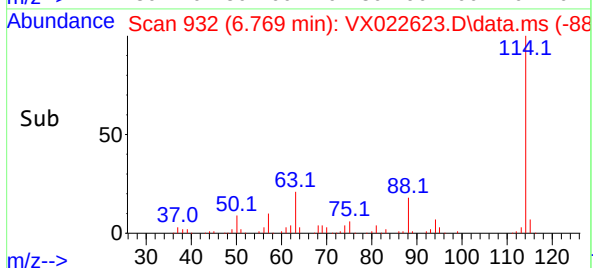
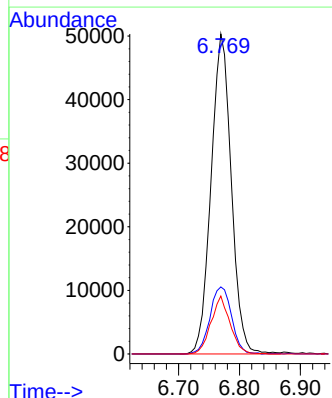
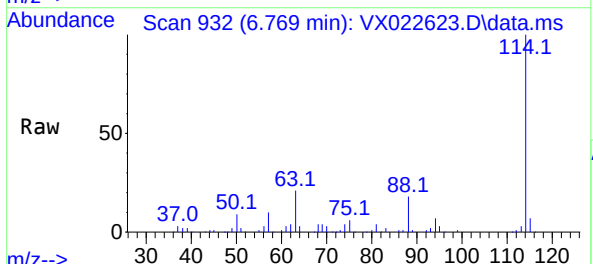
Tgt Ion: 65 Resp: 49379
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

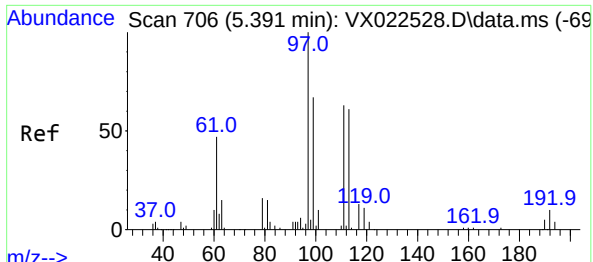


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 114 Resp: 116096
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 18.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.60 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022623.D

Acq: 09 Jun 2021 18:51

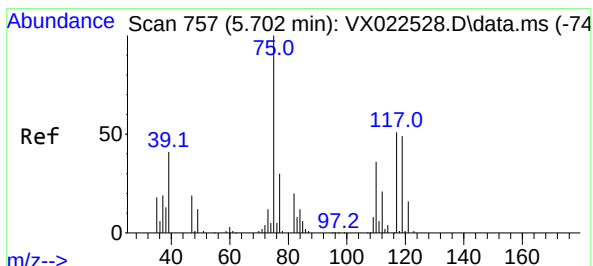
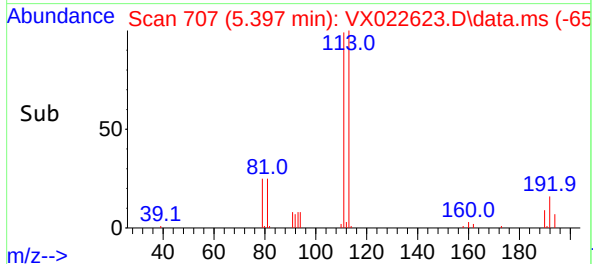
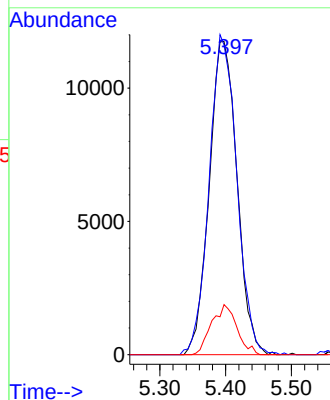
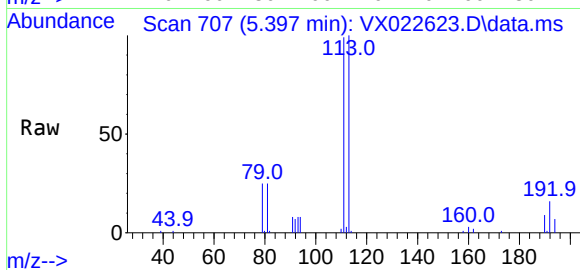
Tgt Ion:113 Resp: 34573

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

192 14.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.19 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022623.D

Acq: 09 Jun 2021 18:51

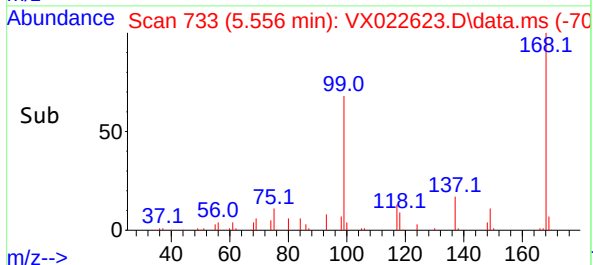
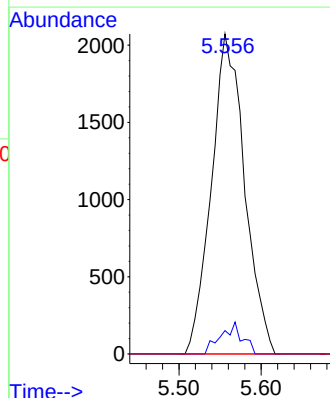
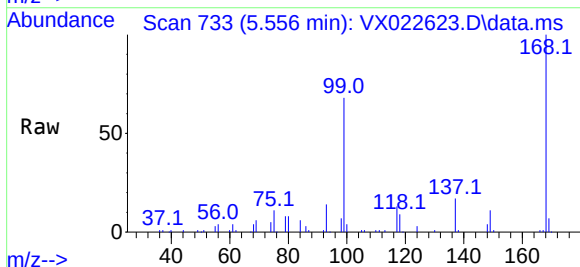
Tgt Ion: 75 Resp: 5824

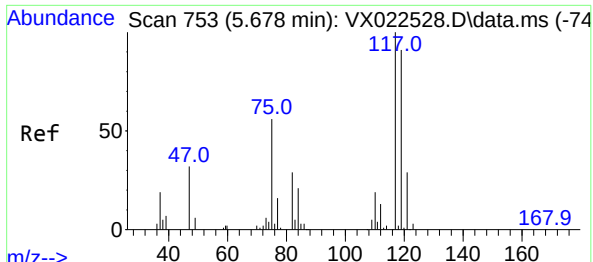
Ion Ratio Lower Upper

75 100

110 6.4 18.1 54.4#

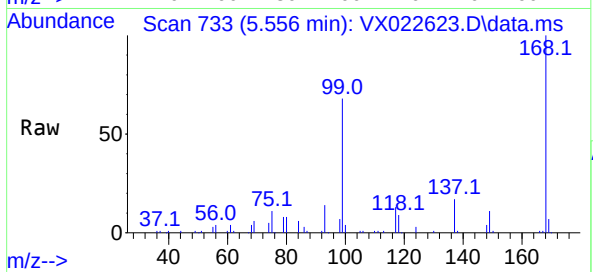
77 0.0 25.3 37.9#



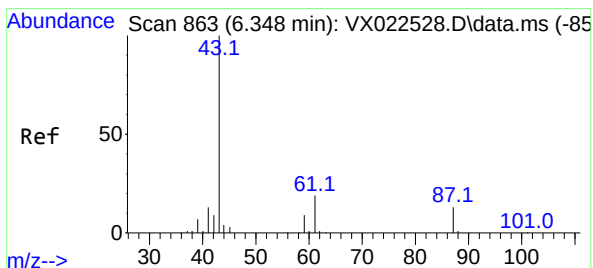
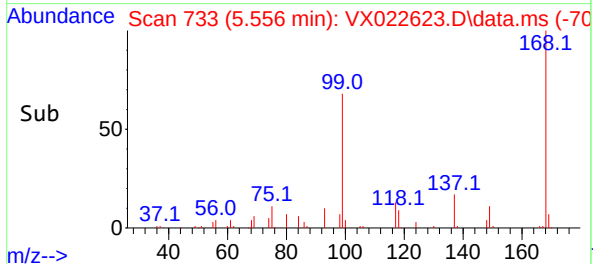
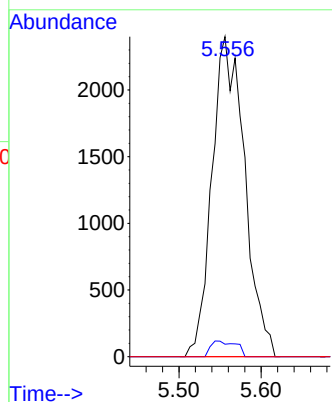


#38
Carbon Tetrachloride
Concen: 8.17 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

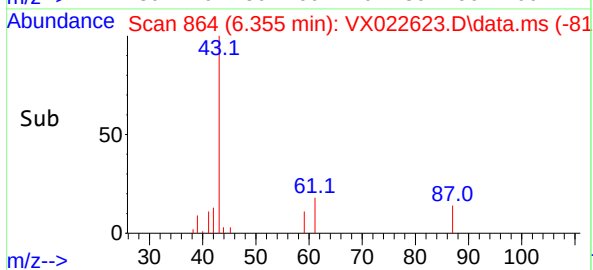
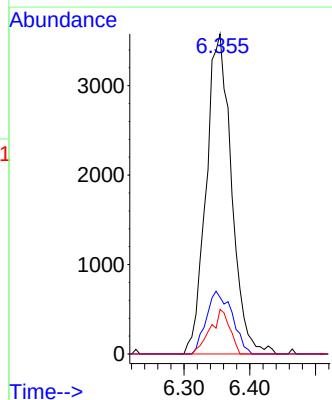
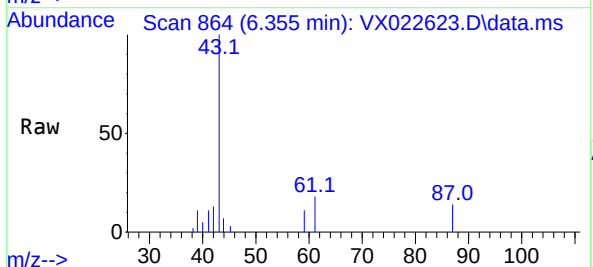


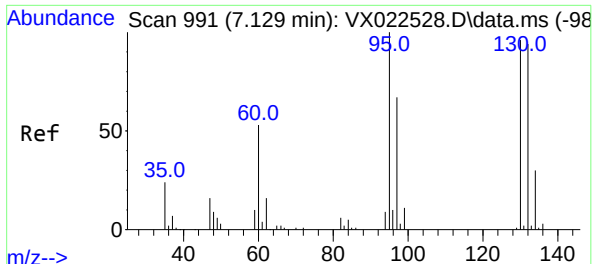
Tgt Ion:117 Resp: 6621
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.10 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 43 Resp: 9589
Ion Ratio Lower Upper
43 100
61 20.0 18.2 27.4
87 10.7 12.5 18.7#

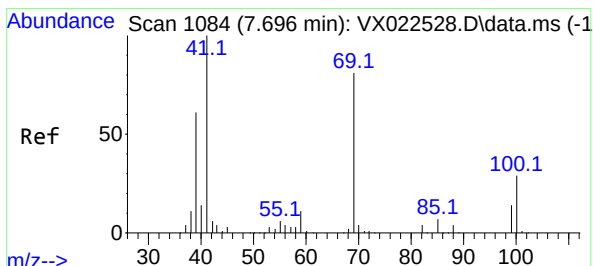
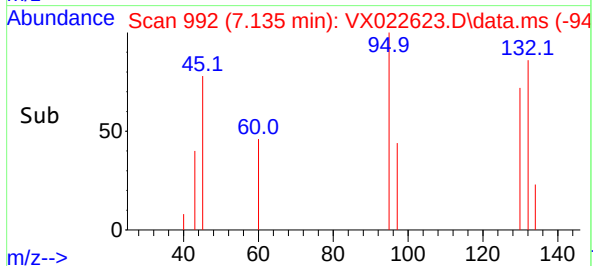
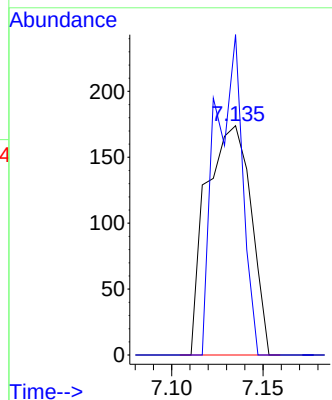
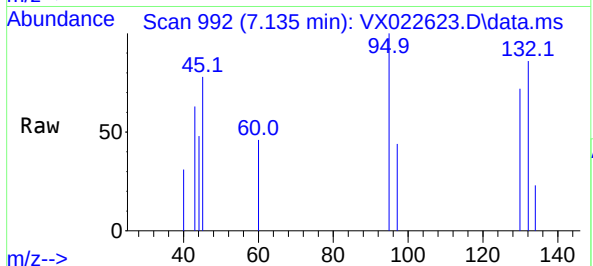




#44
Trichloroethene
Concen: 0.36 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

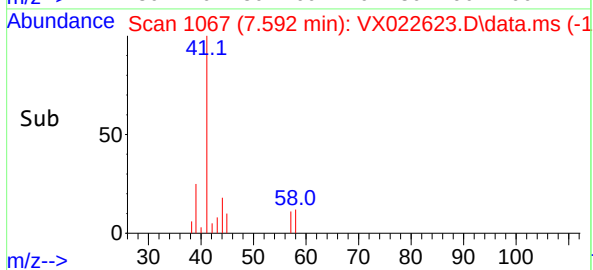
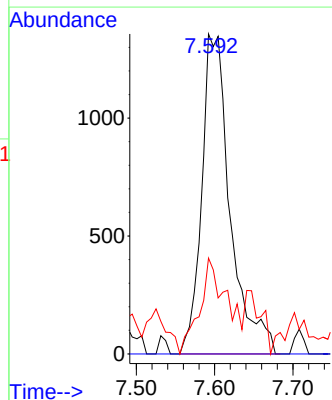
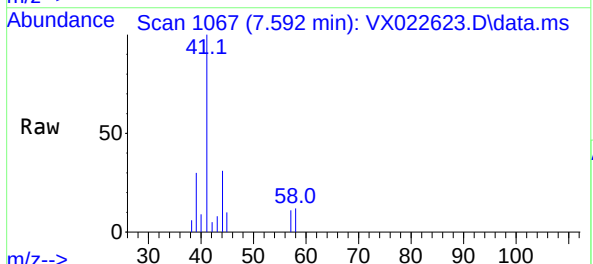
Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

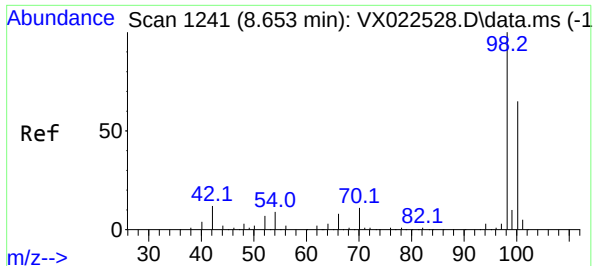
Tgt Ion:130 Resp: 296
Ion Ratio Lower Upper
130 100
95 139.7 0.0 198.0



#48
Methyl methacrylate
Concen: 3.15 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.104 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 41 Resp: 3426
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 28.8 44.6 67.0#

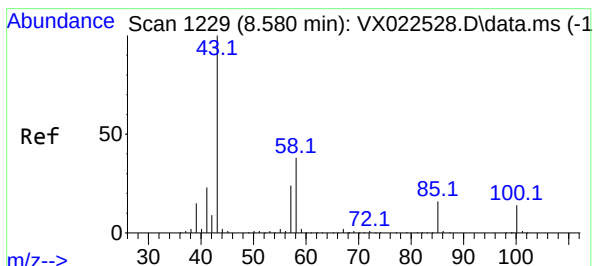
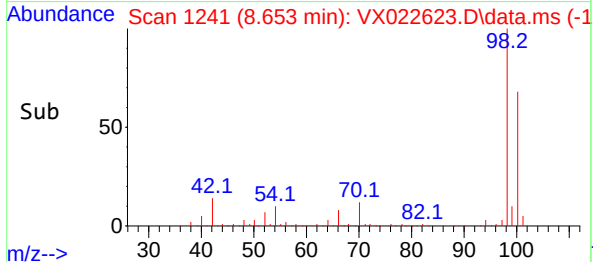
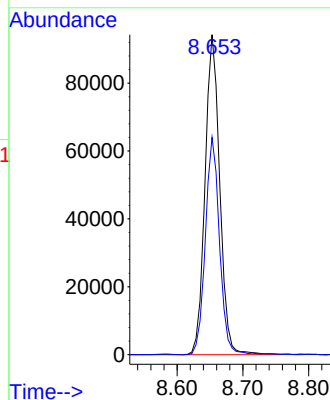
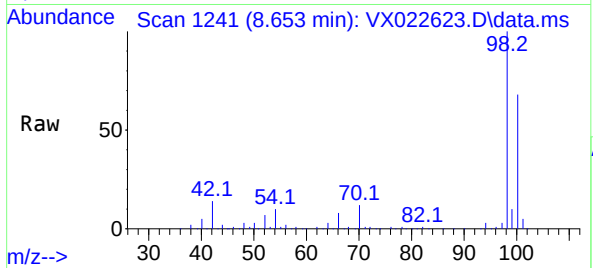




#50
Toluene-d8
Concen: 50.69 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

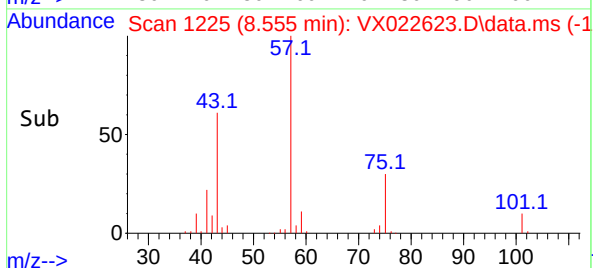
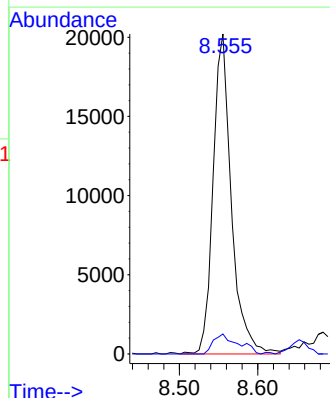
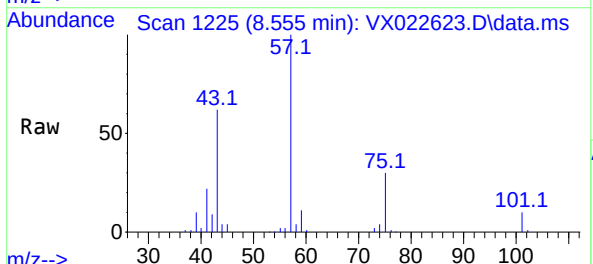
Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

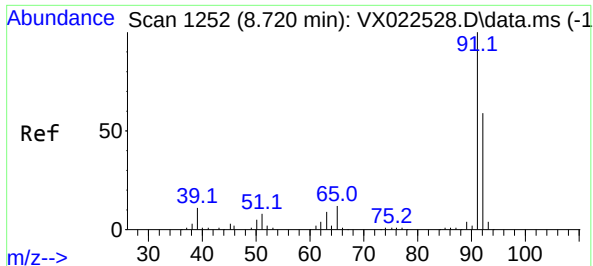
Tgt Ion: 98 Resp: 146926
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 22.47 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 43 Resp: 32717
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#

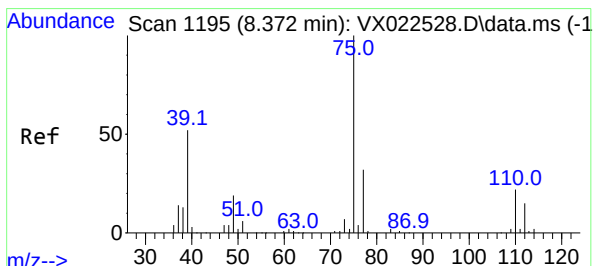
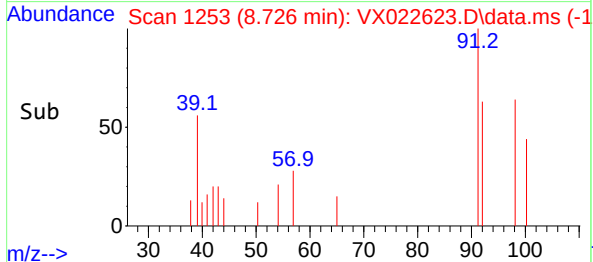
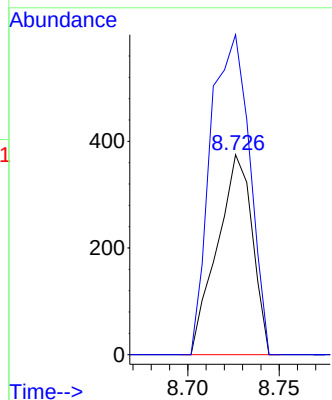
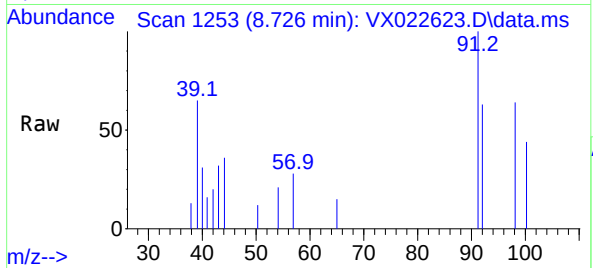




#52
Toluene
Concen: 0.23 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

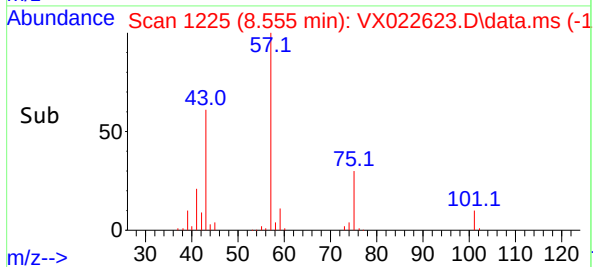
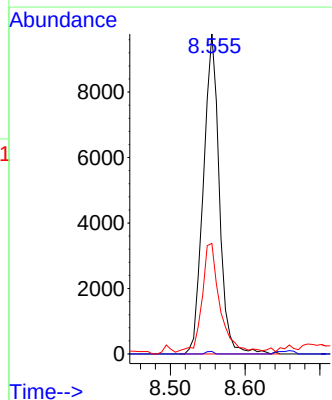
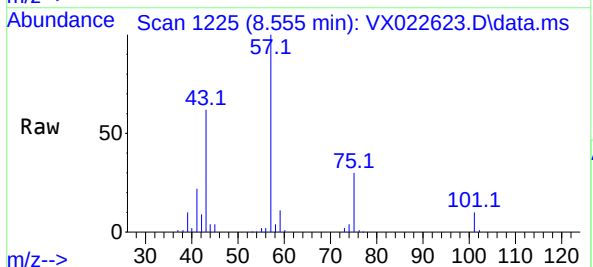
Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

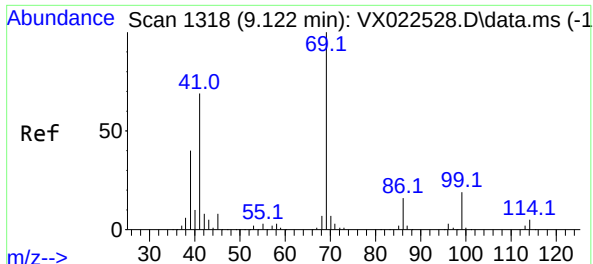
Tgt Ion: 92 Resp: 501
Ion Ratio Lower Upper
92 100
91 178.0 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 11.54 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 75 Resp: 14468
Ion Ratio Lower Upper
75 100
77 0.8 25.7 38.5#
39 33.4 35.1 52.7#

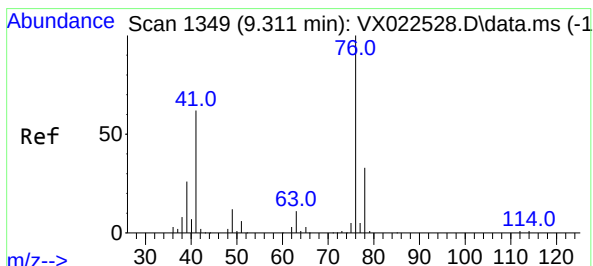
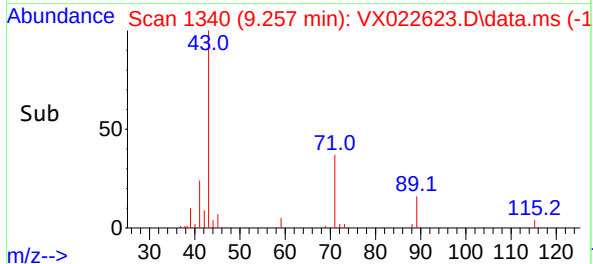
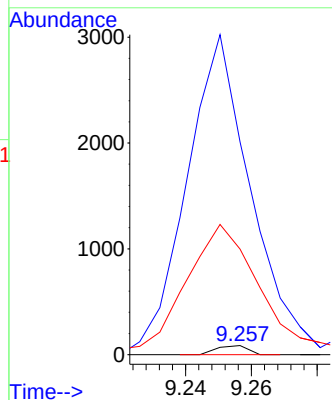
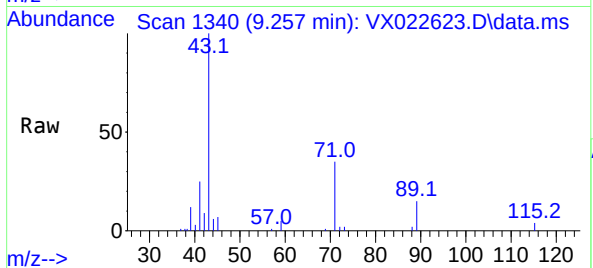




#56
Ethyl methacrylate
Concen: 2.74 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.135 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

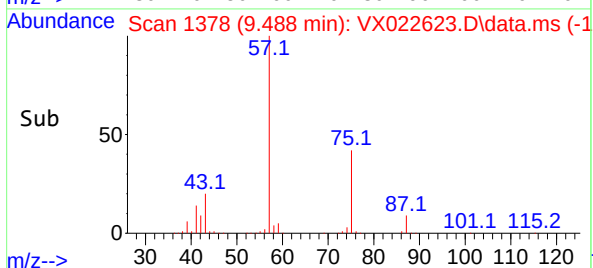
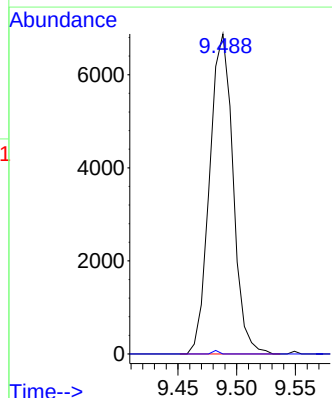
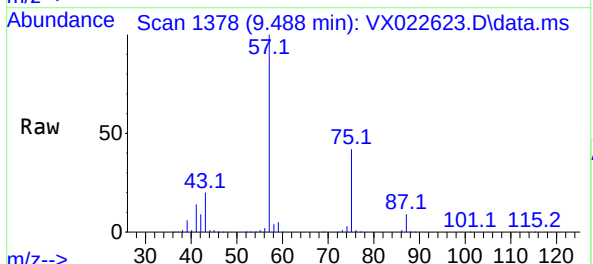
Instrument :
MSVOA_X
ClientSampled :
PB136943TB

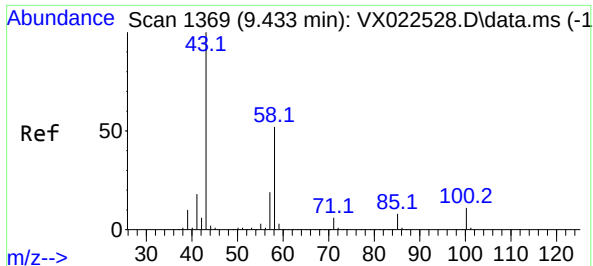
Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 7224.6 46.8 70.2#
39 3556.1 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.22 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 76 Resp: 9535
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

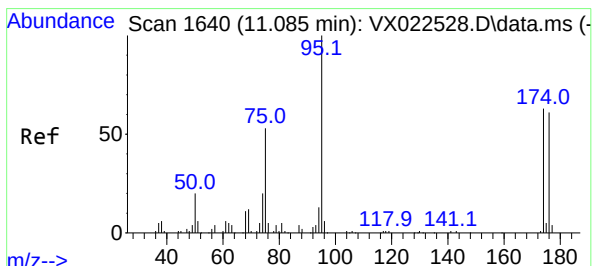
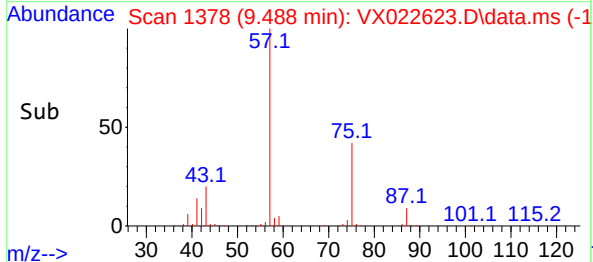
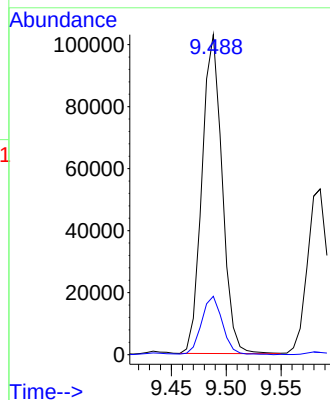
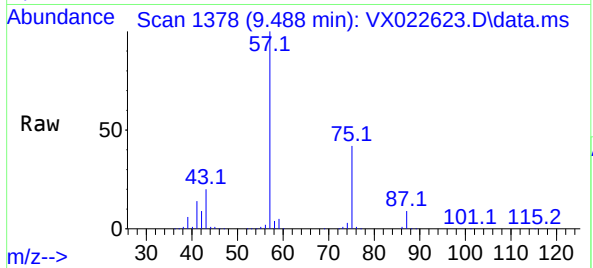




#59
2-Hexanone
Concen: 118.53 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

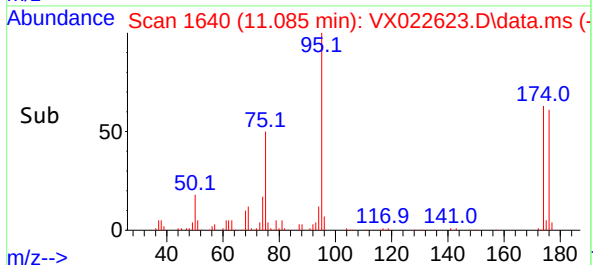
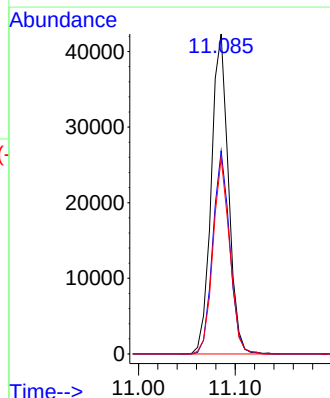
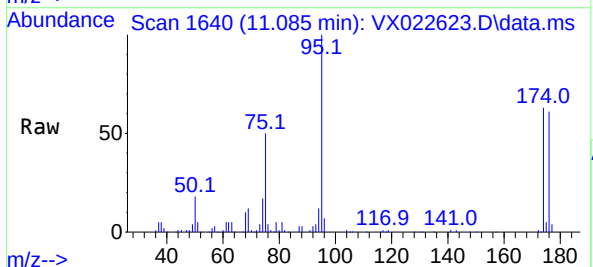
Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

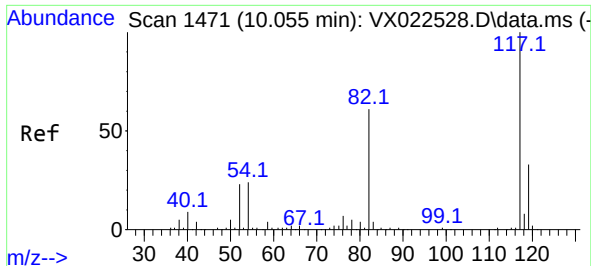
Tgt Ion: 43 Resp: 131825
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.43 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion: 95 Resp: 52168
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 59.7 0.0 155.8

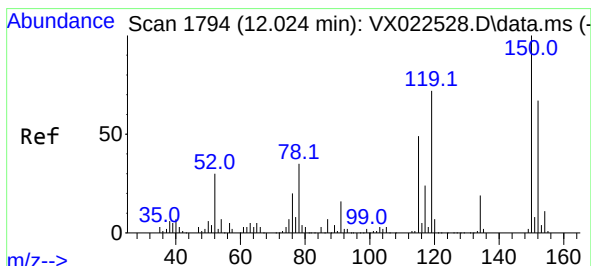
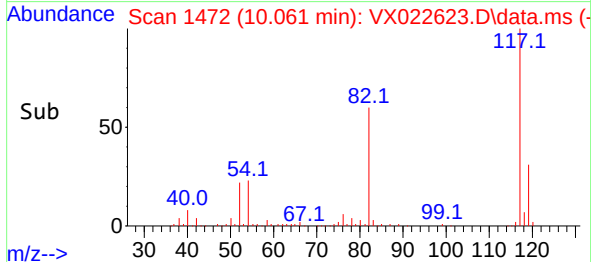
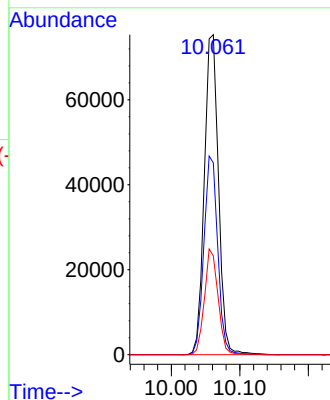
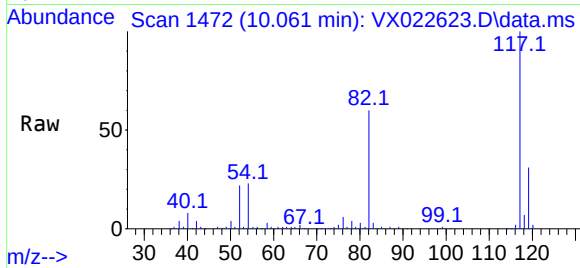




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

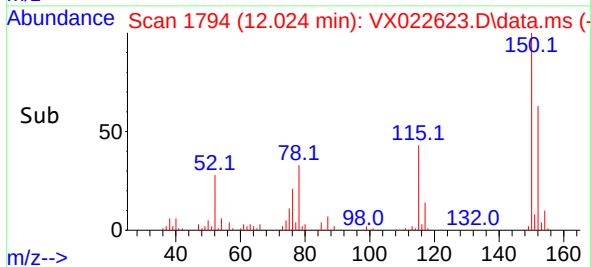
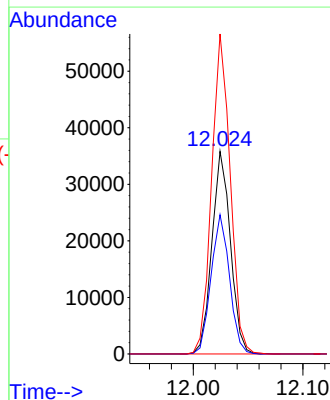
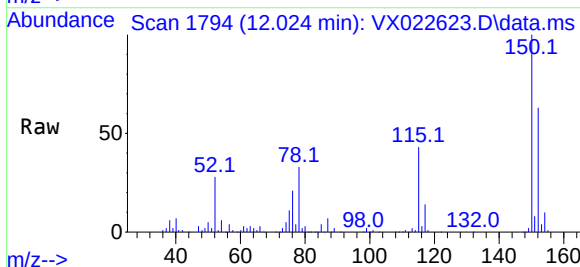
Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

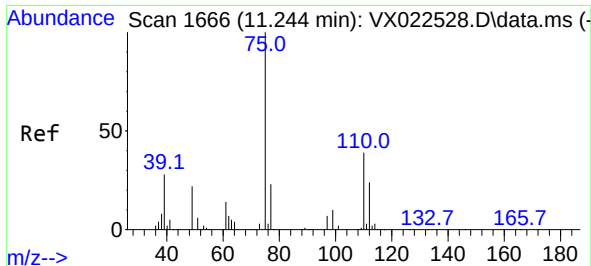
Tgt Ion:117 Resp: 108610
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Tgt Ion:152 Resp: 42096
Ion Ratio Lower Upper
152 100
115 68.3 41.1 123.3
150 158.0 0.0 349.0

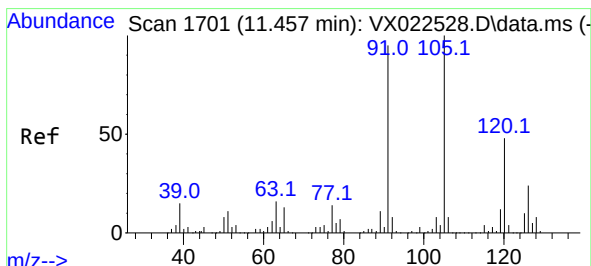
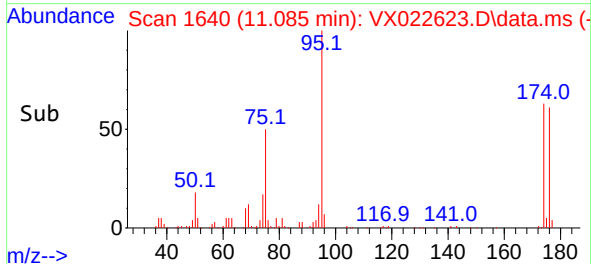
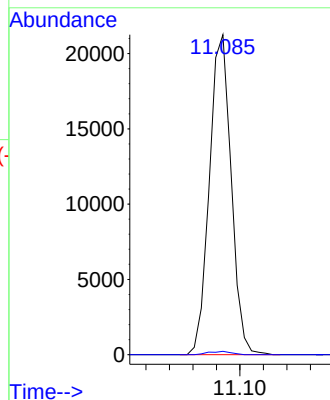
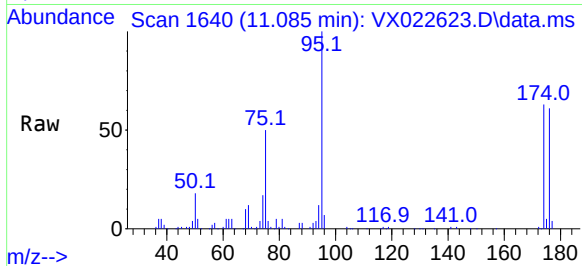




#76
1,2,3-Trichloropropane
Concen: 25.10 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

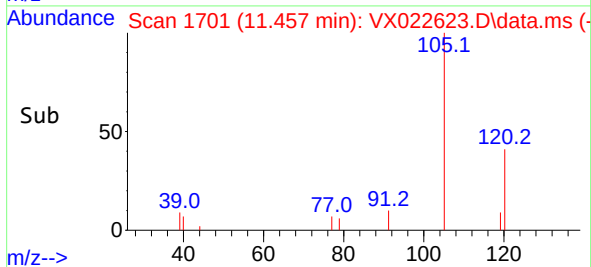
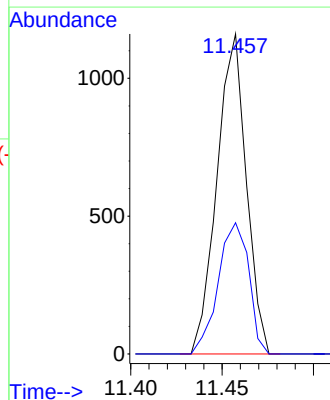
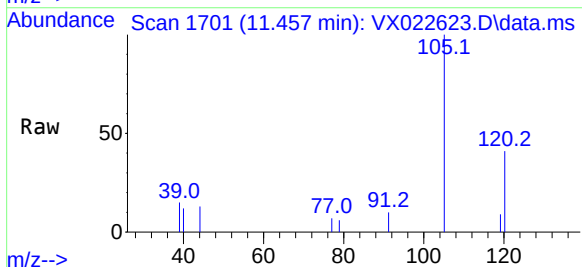
Instrument :
MSVOA_X
ClientSampleId :
PB136943TB

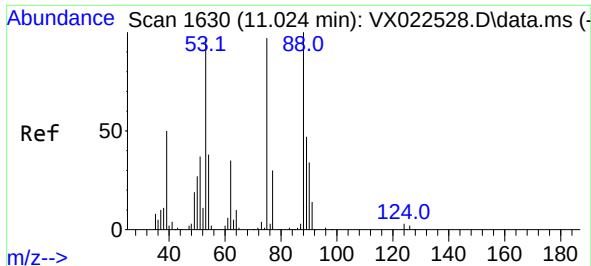
Tgt Ion: 75 Resp: 27371
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.44 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

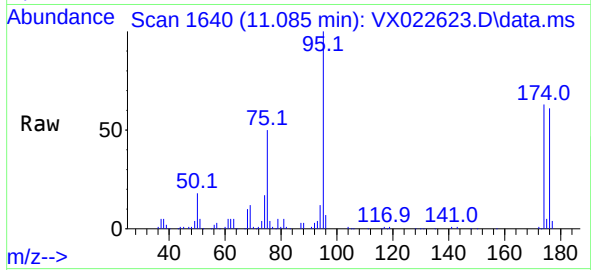
Tgt Ion:105 Resp: 1296
Ion Ratio Lower Upper
105 100
120 42.7 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 62.09 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022623.D
Acq: 09 Jun 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB136943TB



Tgt Ion: 75 Resp: 27371
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

