

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025858.D
 Acq On : 16 Dec 2021 16:18
 Operator : JC/MD
 Sample : M5084-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 17 02:32:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92429	45.124	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.240%
35) Dibromofluoromethane	5.391	113	76124	45.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.653	98	281003	45.983	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.960%#
62) 4-Bromofluorobenzene	11.085	95	97577	42.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.060%

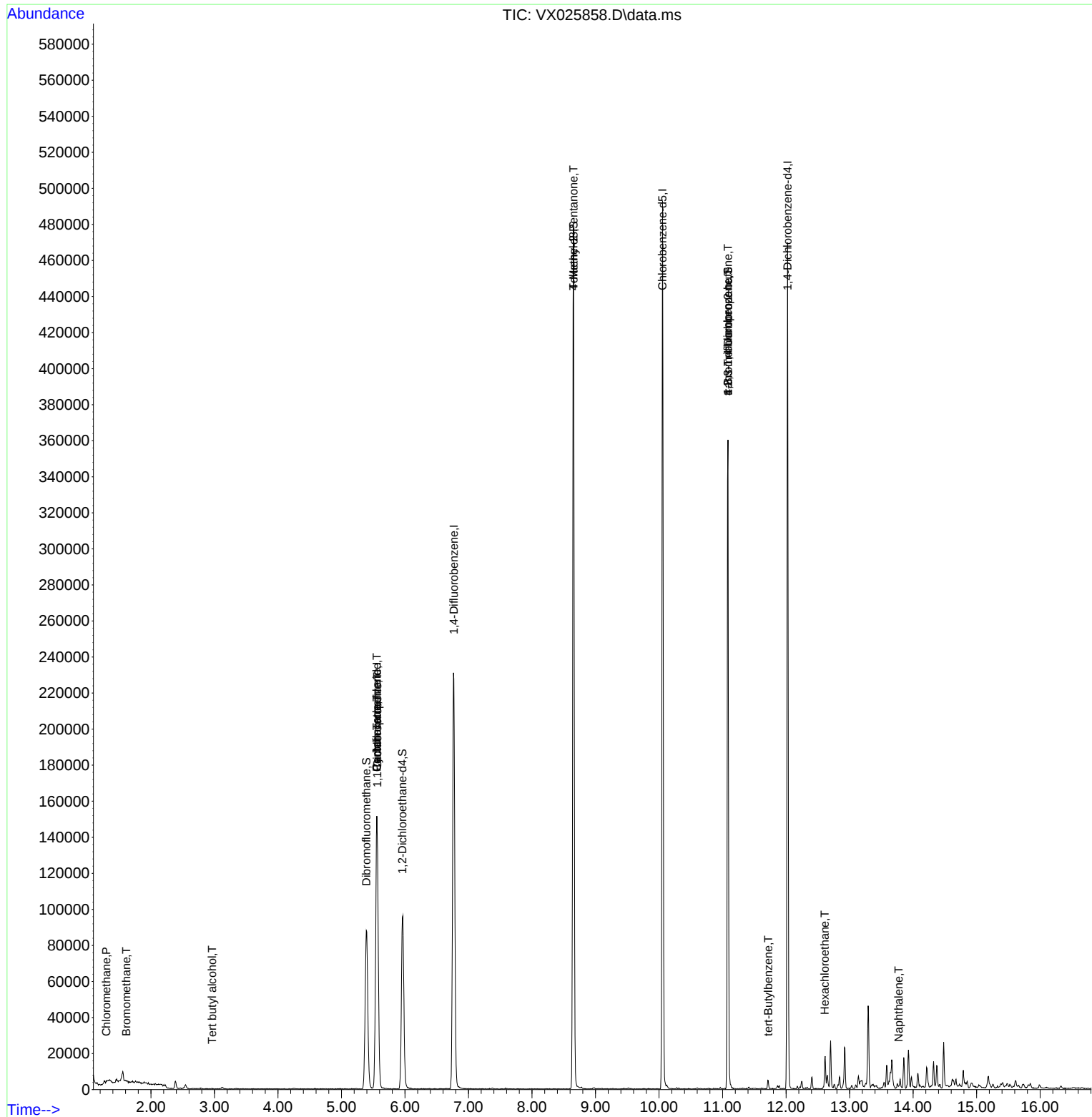
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	353	0.213	ug/l #	34
5) Bromomethane	1.611	94	361	0.287	ug/l #	57
11) Tert butyl alcohol	2.965	59	86	0.209	ug/l #	73
16) Acetone	2.386	43	4522	Below Cal	#	88
20) Methylene Chloride	2.782	84	44	Below Cal	#	20
31) Cyclohexane	5.556	56	3286	1.319	ug/l #	9
36) 1,1-Dichloropropene	5.562	75	10987	4.830	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15144	5.722	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1369	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	48904	23.225	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	48904	72.003	ug/l #	10
83) tert-Butylbenzene	11.719	119	1903	0.351	ug/l	86
90) Hexachloroethane	12.610	117	909	0.845	ug/l #	14
95) Naphthalene	13.774	128	852	2.541	ug/l #	85

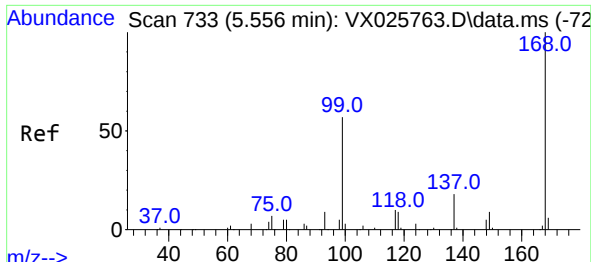
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
Data File : VX025858.D
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Sample : M5084-07
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

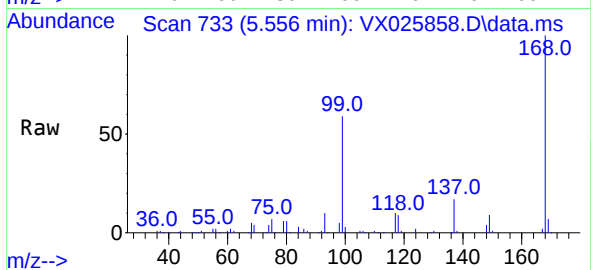
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration



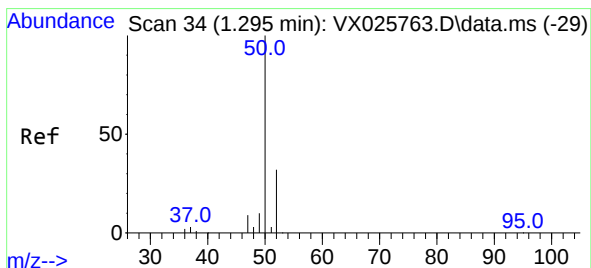
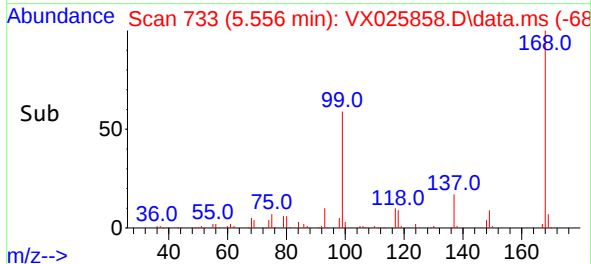
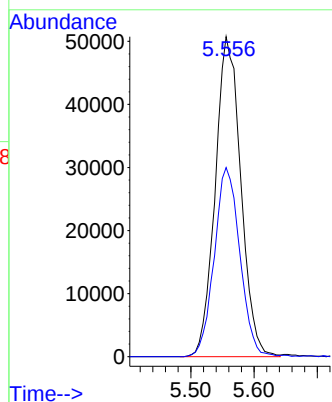


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :

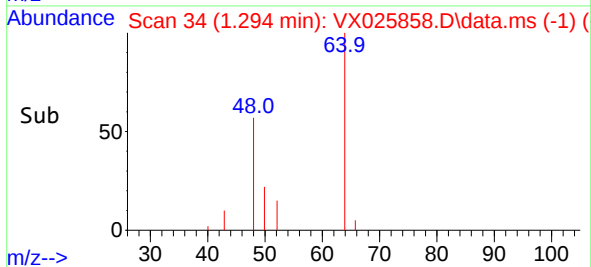
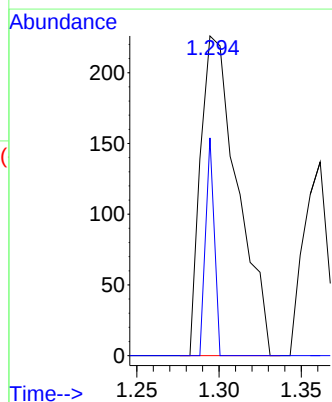
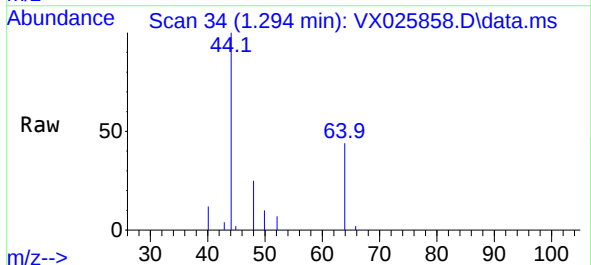


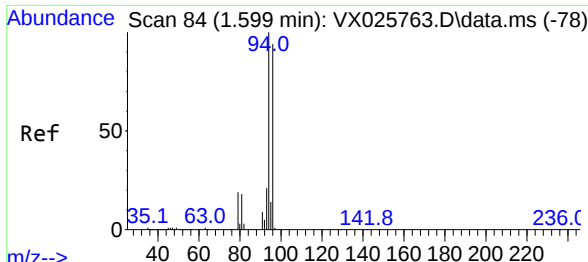
Tgt Ion:168 Resp: 142362
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.8



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

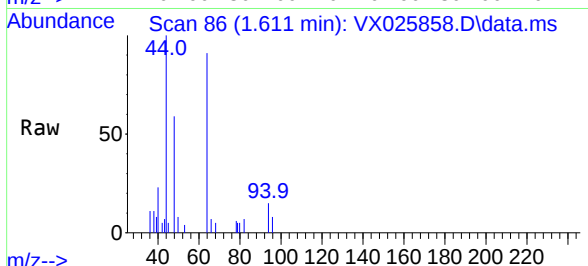
Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 68.1 25.4 38.0#



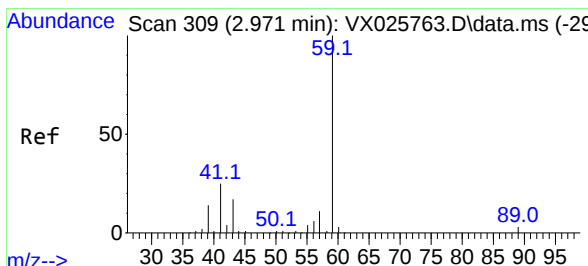
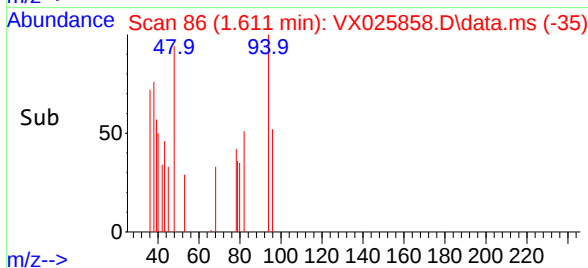
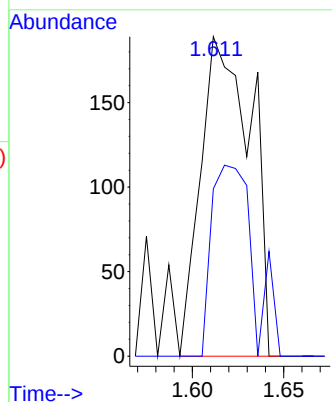


#5
Bromomethane
Concen: 0.287 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :

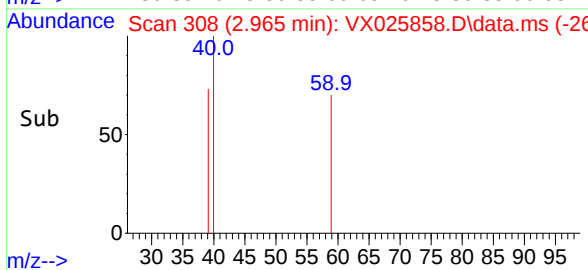
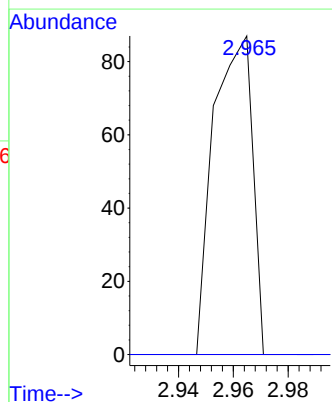
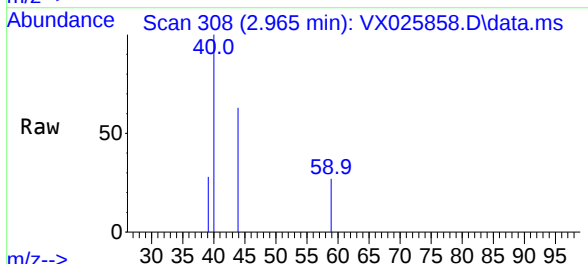


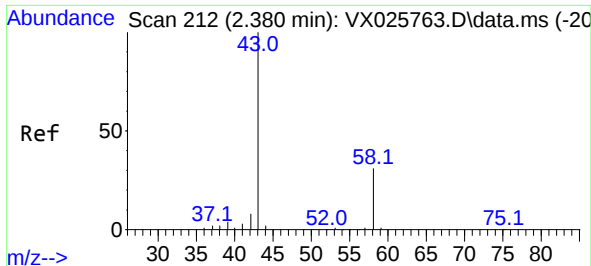
Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 52.4 75.0 112.4#



#11
Tert butyl alcohol
Concen: 0.209 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

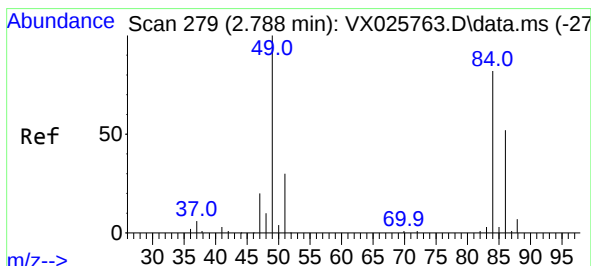
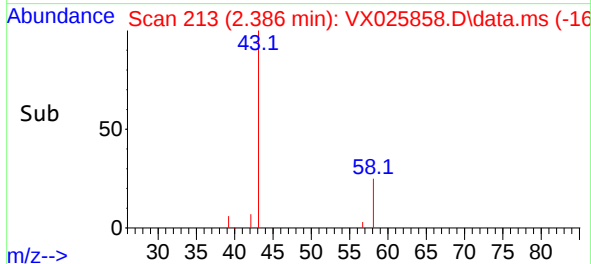
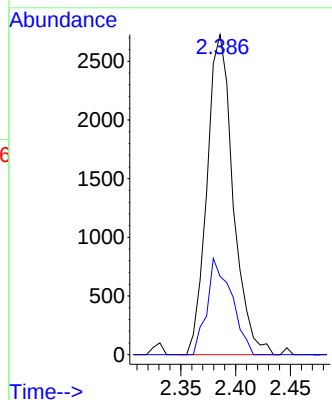
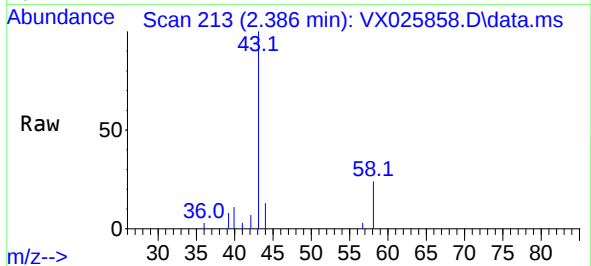




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

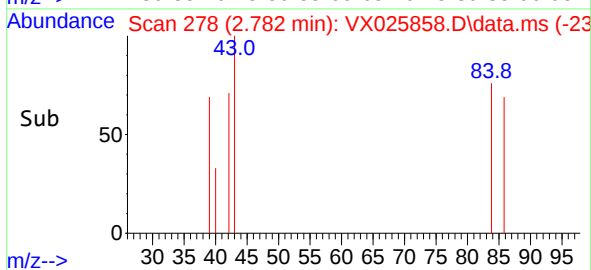
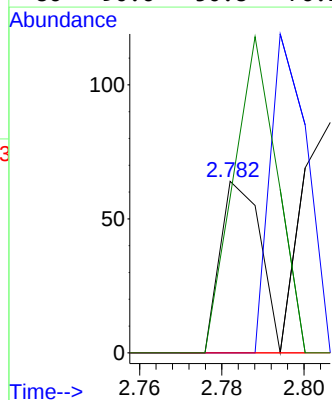
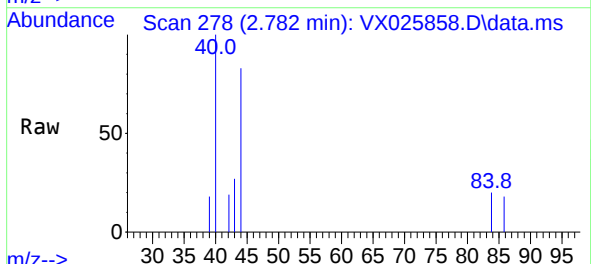
Instrument :
MSVOA_X
ClientSampleId :

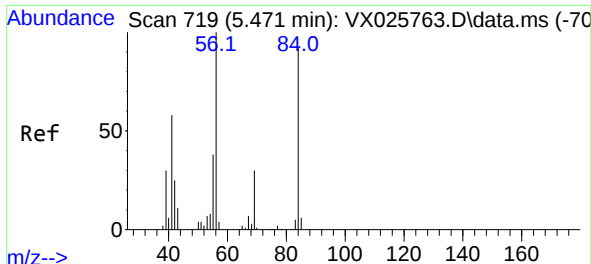
Tgt Ion: 43 Resp: 4522
Ion Ratio Lower Upper
43 100
58 24.5 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

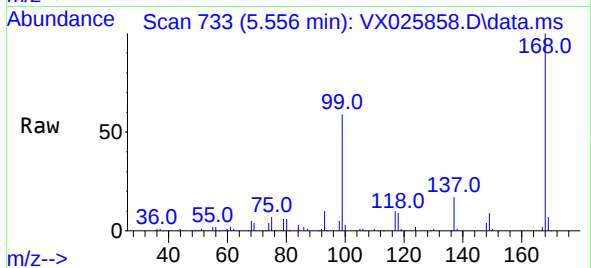
Tgt Ion: 84 Resp: 44
Ion Ratio Lower Upper
84 100
49 0.0 97.1 145.7#
51 0.0 29.3 43.9#
86 90.6 50.8 76.2#



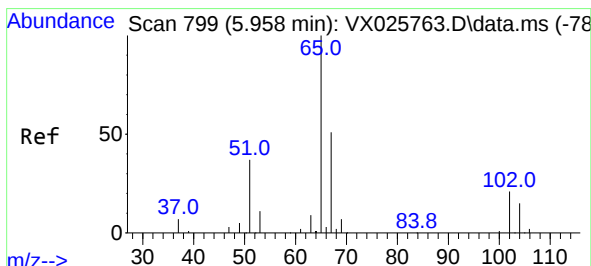
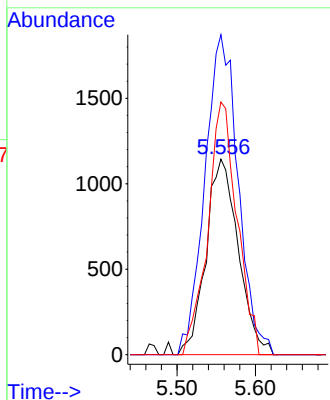
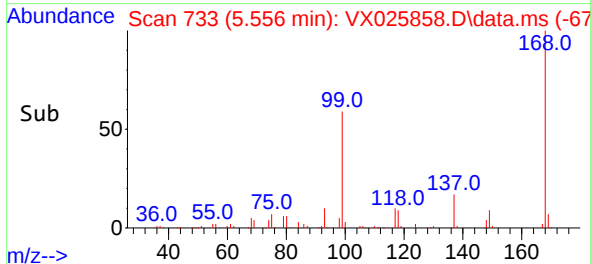


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :

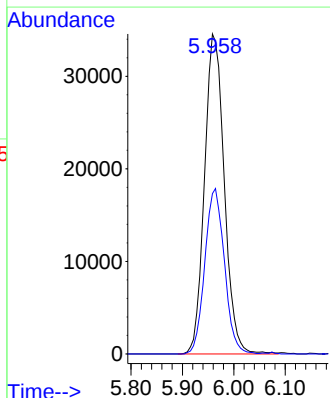
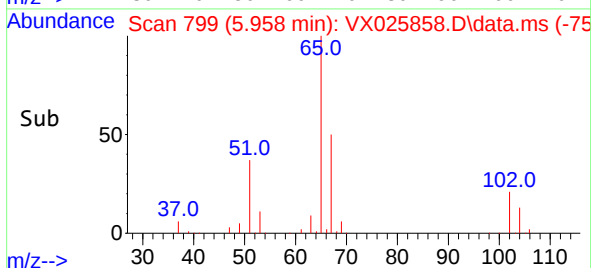
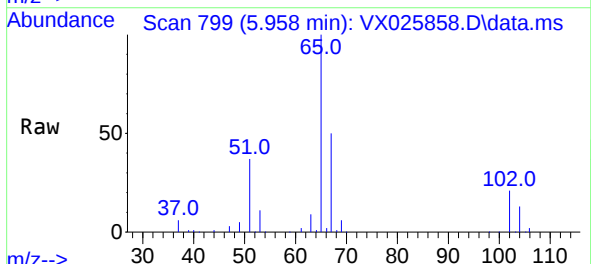


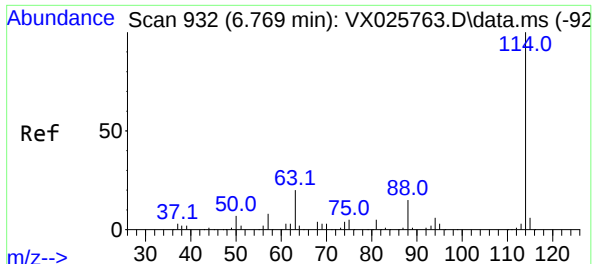
Tgt Ion: 56 Resp: 3286
Ion Ratio Lower Upper
56 100
69 163.6 23.9 35.9#
84 129.2 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 45.124 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

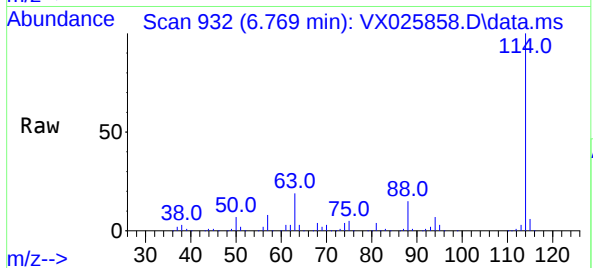
Tgt Ion: 65 Resp: 92429
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



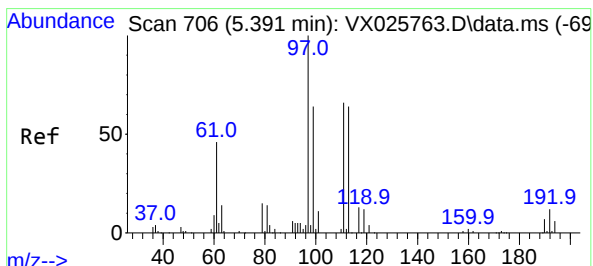
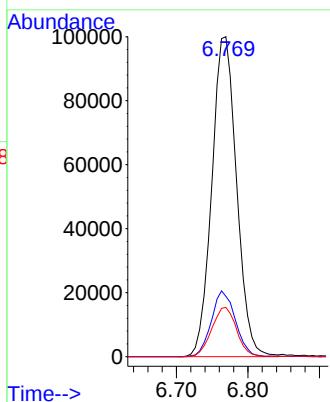
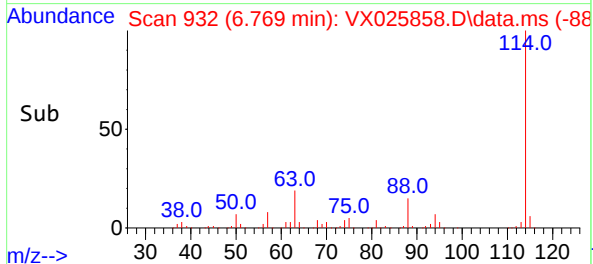


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :

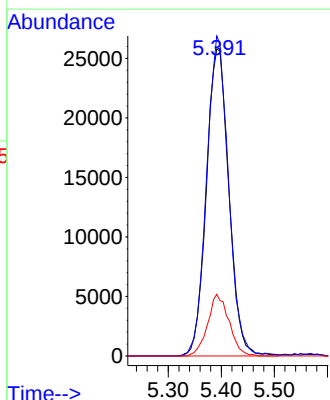
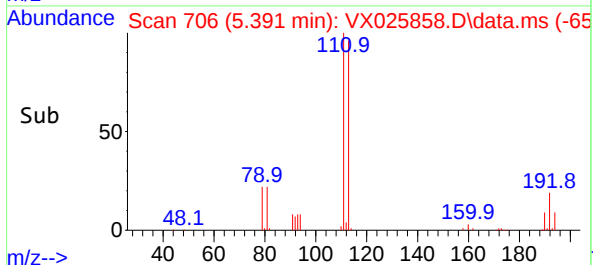
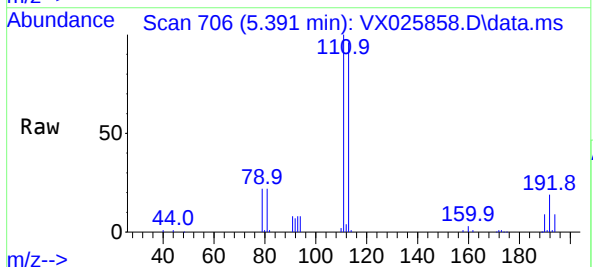


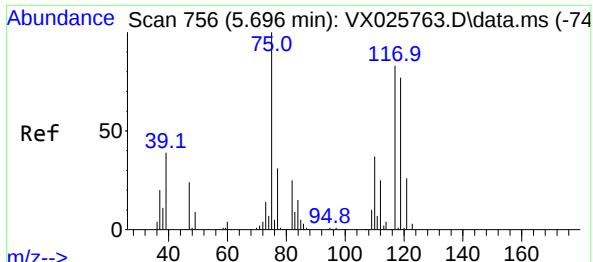
Tgt Ion:114 Resp: 240495
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.387 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

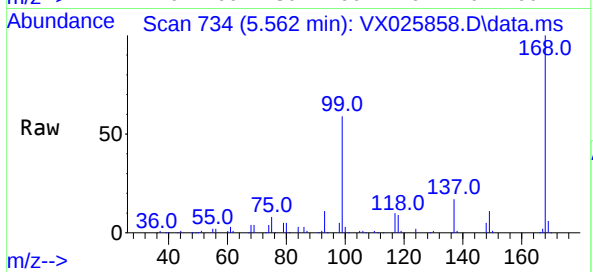
Tgt Ion:113 Resp: 76124
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 19.0 15.0 22.4



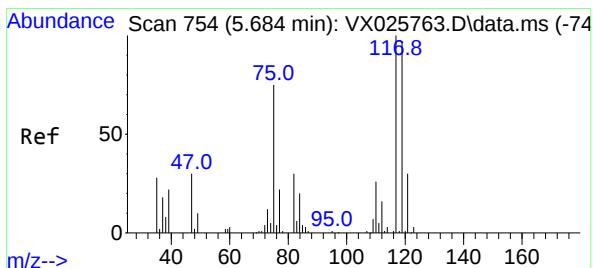
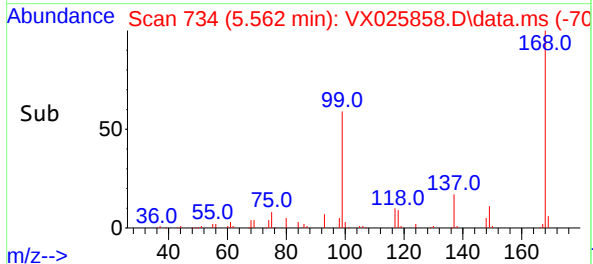
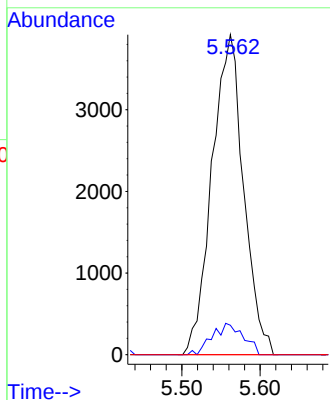


#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :

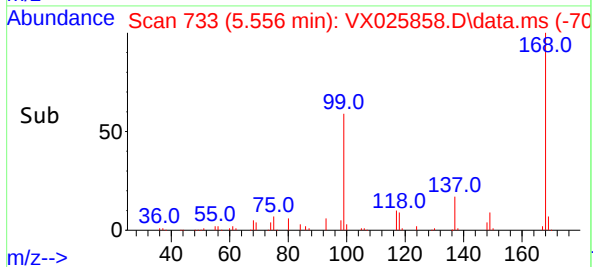
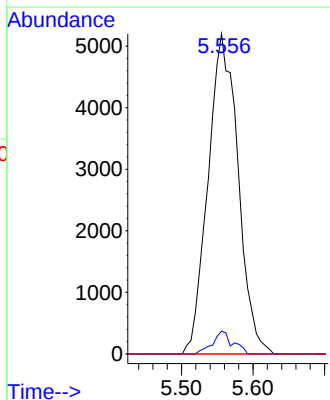
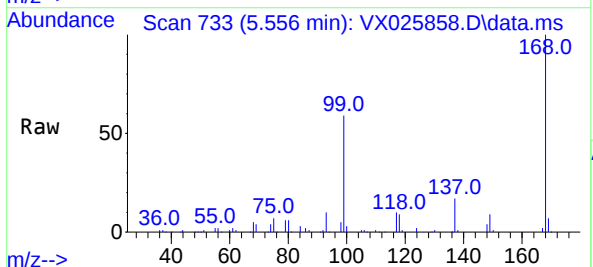


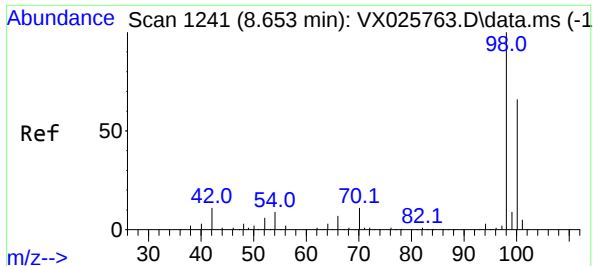
Tgt Ion: 75 Resp: 10987
Ion Ratio Lower Upper
75 100
110 9.6 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion: 117 Resp: 15144
Ion Ratio Lower Upper
117 100
119 7.1 77.2 115.8#
121 0.0 23.8 35.8#

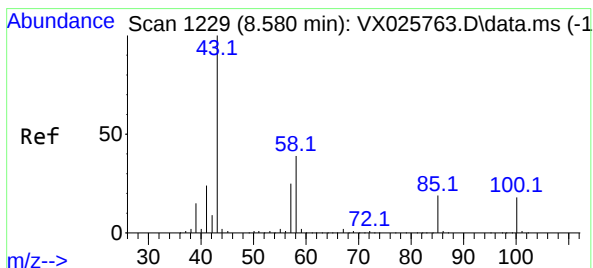
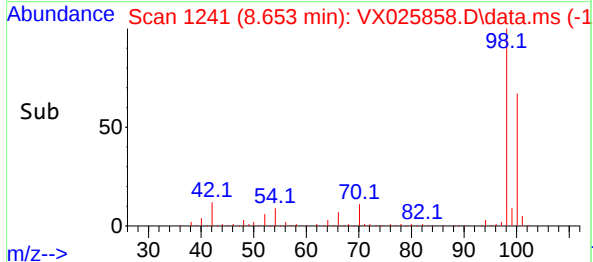
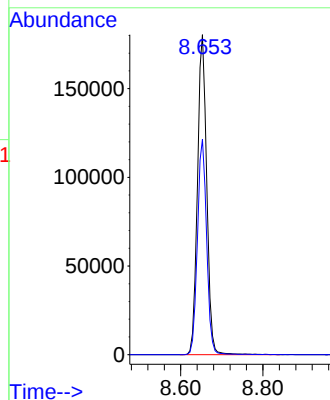
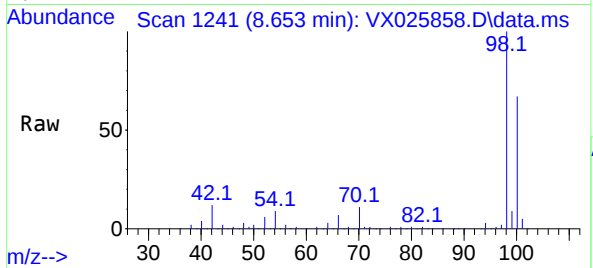




#50
Toluene-d8
Concen: 45.983 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

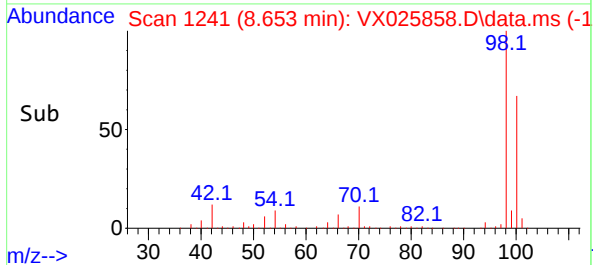
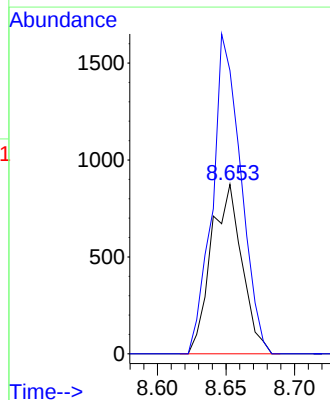
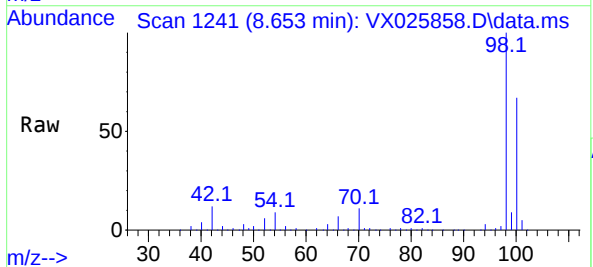
Instrument :
MSVOA_X
ClientSampleId :

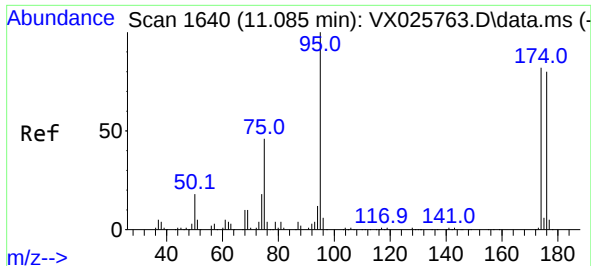
Tgt Ion: 98 Resp: 281003
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

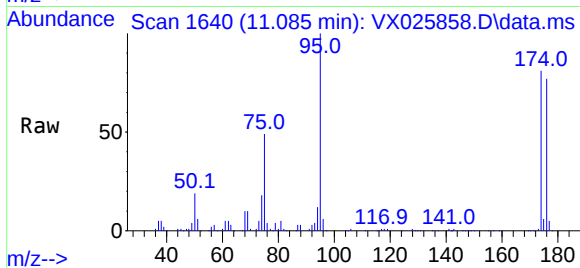
Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 174.9 30.8 46.2#



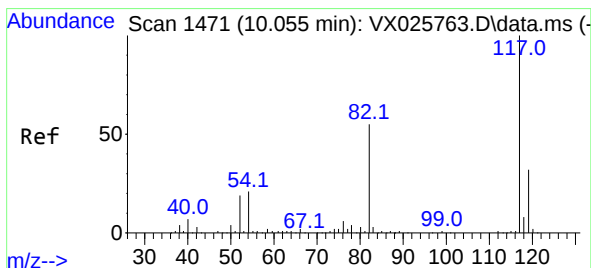
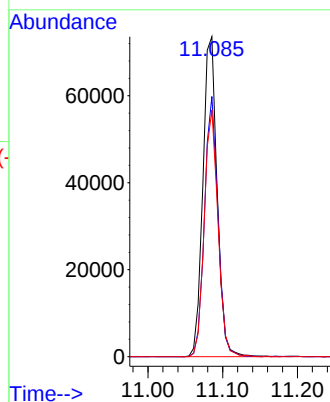
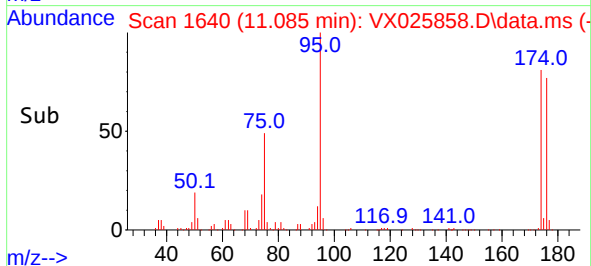


#62
4-Bromofluorobenzene
Concen: 42.034 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

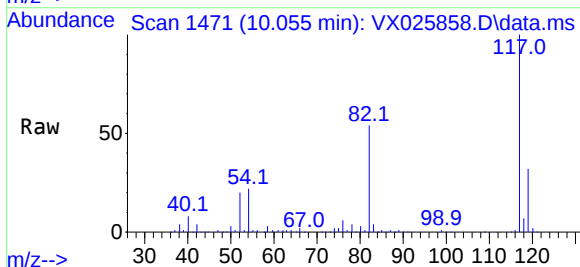
Instrument :
MSVOA_X
ClientSampleId :



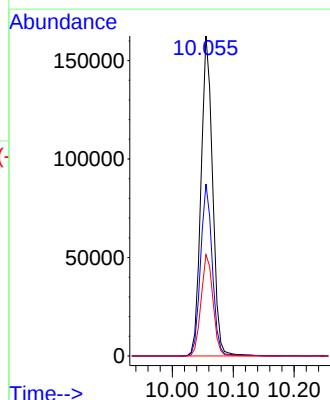
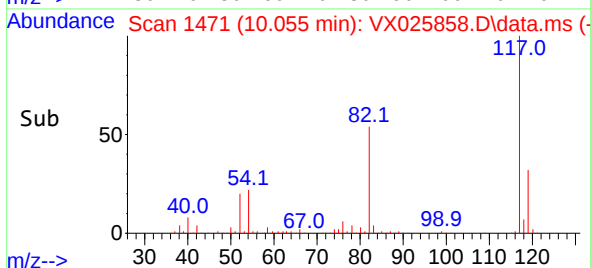
Tgt Ion: 95 Resp: 97577
Ion Ratio Lower Upper
95 100
174 76.8 0.0 157.4
176 74.1 0.0 154.6

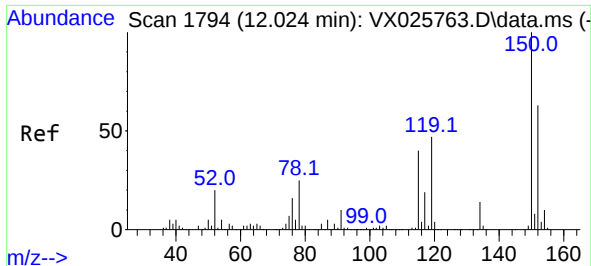


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18



Tgt Ion: 117 Resp: 215409
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 31.6 25.2 37.8

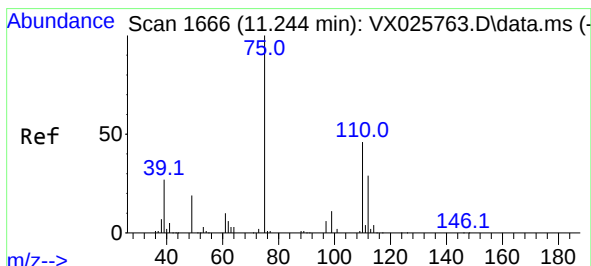
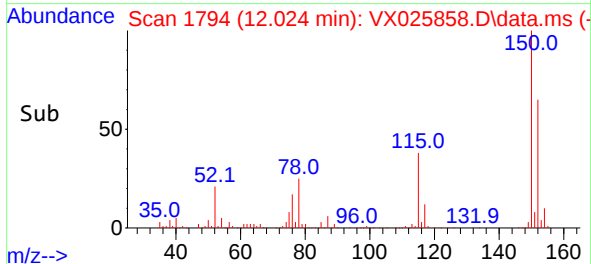
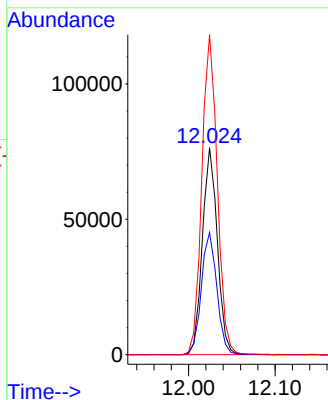
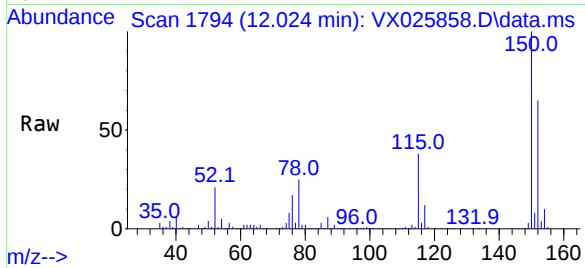




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

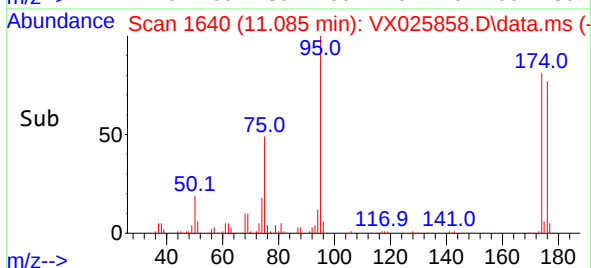
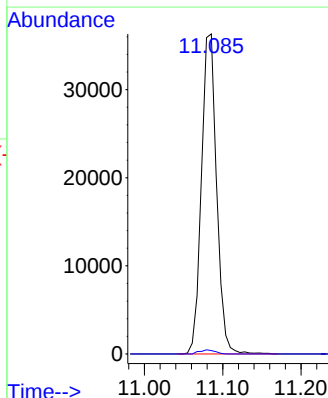
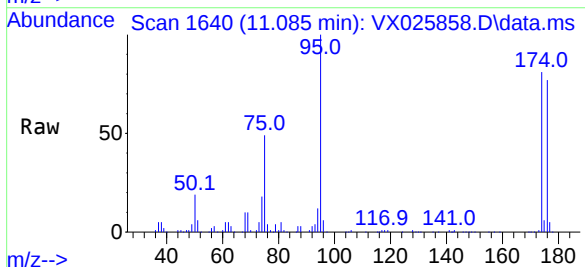
Instrument :
MSVOA_X
ClientSampleId :

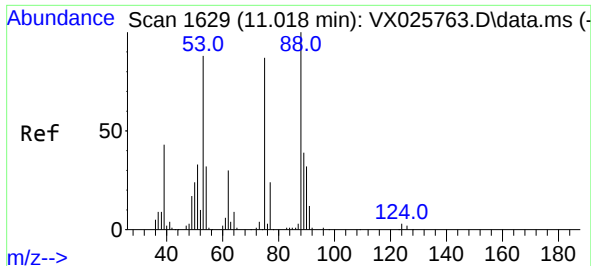
Tgt Ion:152 Resp: 91904
Ion Ratio Lower Upper
152 100
115 61.1 41.3 123.9
150 159.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 23.225 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion: 75 Resp: 48904
Ion Ratio Lower Upper
75 100
77 1.3 19.0 57.0#

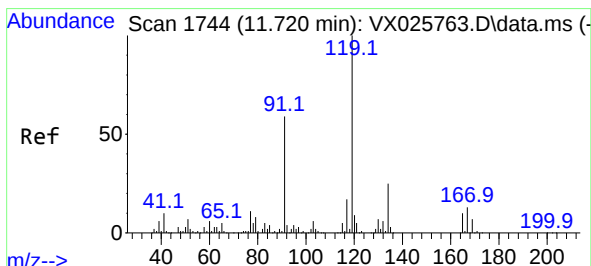
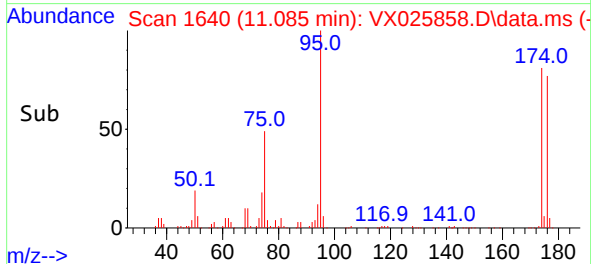
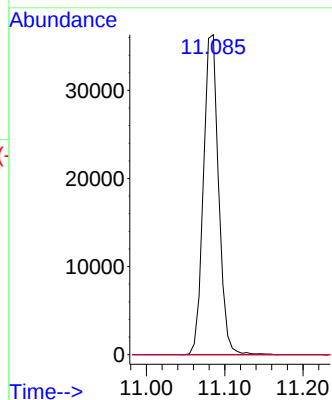
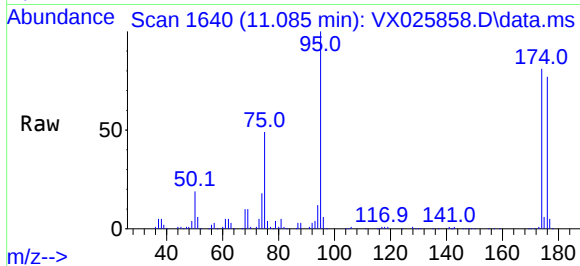




#81
trans-1,4-Dichloro-2-butene
Concen: 72.003 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

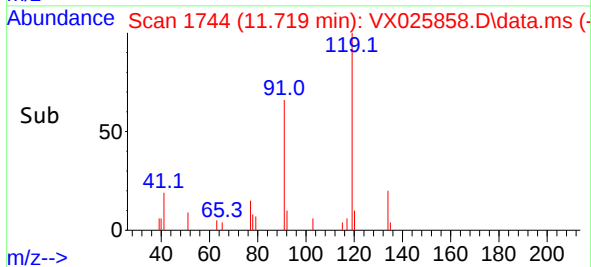
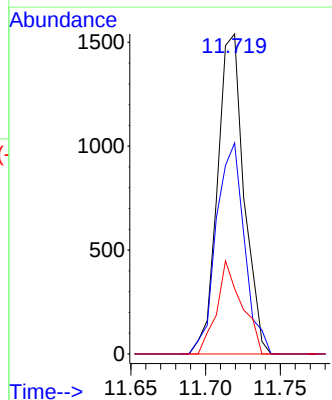
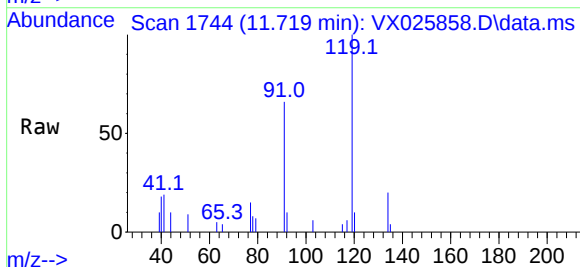
Instrument :
MSVOA_X
ClientSampleId :

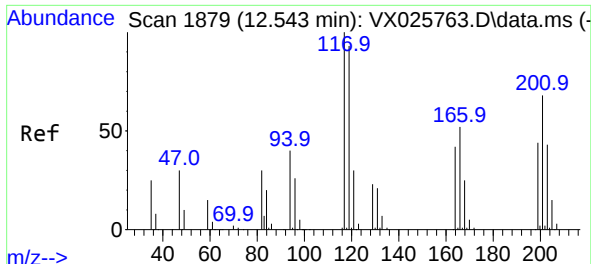
Tgt Ion: 75 Resp: 48904
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#83
tert-Butylbenzene
Concen: 0.351 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion: 119 Resp: 1903
Ion Ratio Lower Upper
119 100
91 70.0 28.7 86.1
134 27.5 11.9 35.9

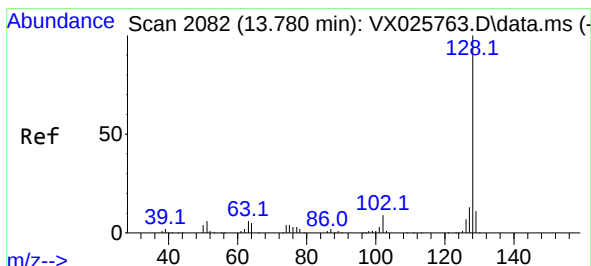
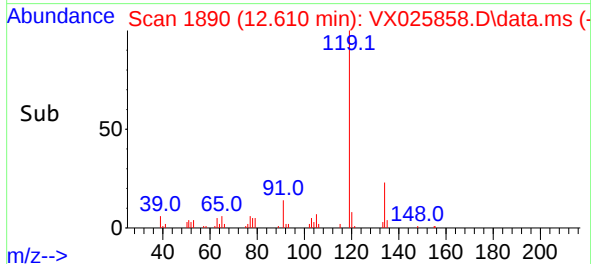
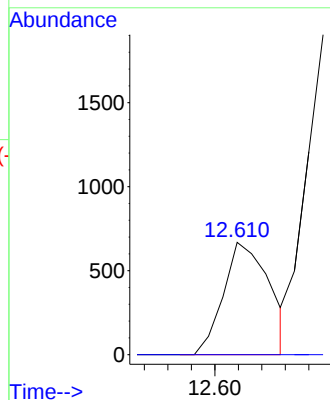
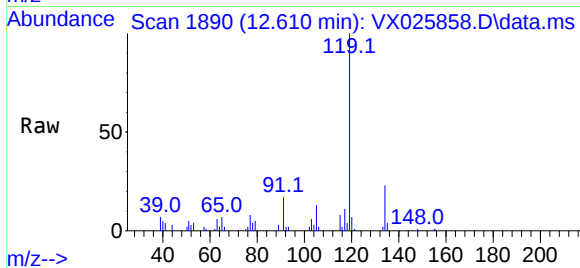




#90
Hexachloroethane
Concen: 0.845 ug/l
RT: 12.610 min Scan# 117
Delta R.T. 0.067 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 909
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.3#



#95
Naphthalene
Concen: 2.541 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX025858.D
Acq: 16 Dec 2021 16:18

Tgt Ion:128 Resp: 852
Ion Ratio Lower Upper
128 100
127 11.5 10.3 15.5
129 21.8 8.8 13.2#

