

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022932.D
 Acq On : 25 Jun 2021 18:47
 Operator : JC/MD
 Sample : M2838-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20210622

Quant Time: Jun 26 03:55:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

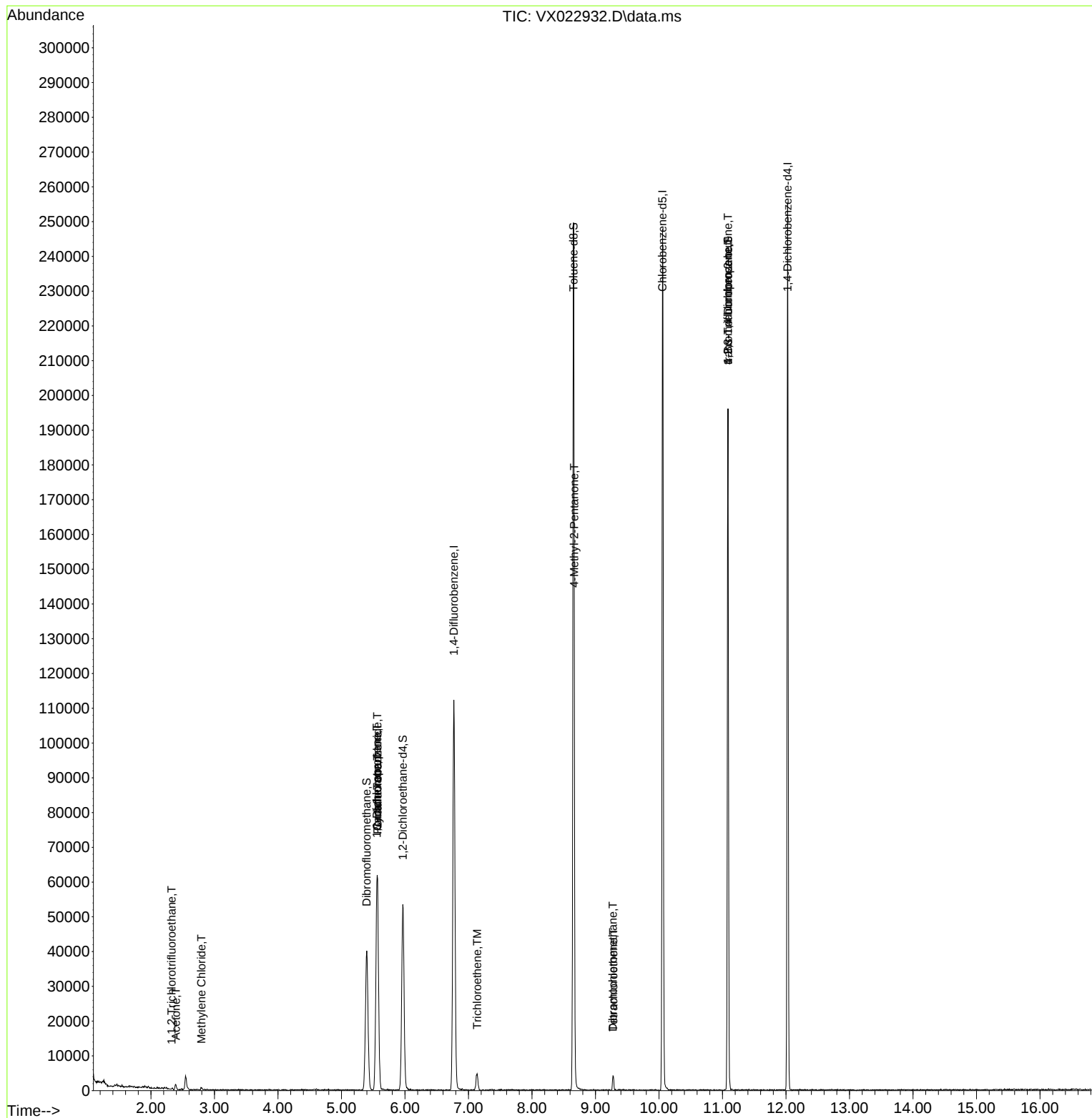
Internal Standards						
1) Pentafluorobenzene	5.568	168	51922	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	106574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48727	51.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.42%			
35) Dibromofluoromethane	5.397	113	33750	49.87	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.74%			
50) Toluene-d8	8.653	98	137021	51.66	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.32%			
62) 4-Bromofluorobenzene	11.085	95	50586	51.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.20%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	208	0.31	ug/l #	83
16) Acetone	2.392	43	1610	3.85	ug/l	91
20) Methylene Chloride	2.794	84	229	0.65	ug/l #	87
31) Cyclohexane	5.562	56	1593	1.20	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	5407	4.78	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6132	6.46	ug/l #	18
44) Trichloroethene	7.135	130	1804	2.33	ug/l	89
51) 4-Methyl-2-Pentanone	8.665	43	718	0.55	ug/l #	1
60) Dibromochloromethane	9.275	129	832	4.64	ug/l #	11
64) Tetrachloroethene	9.281	164	668	0.90	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	29057	24.54	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	29057	64.16	ug/l #	12

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

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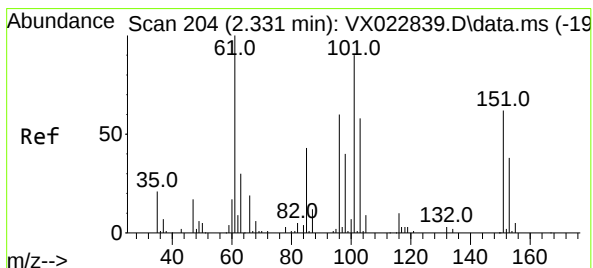
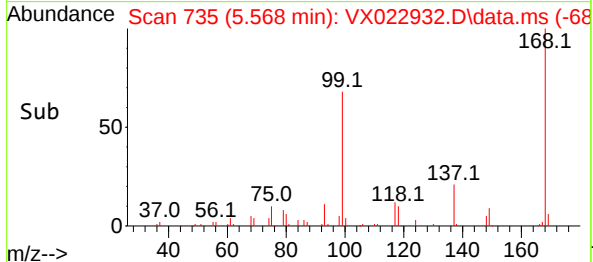
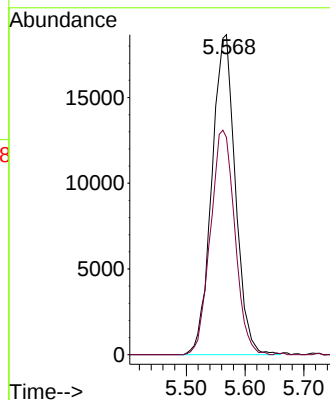
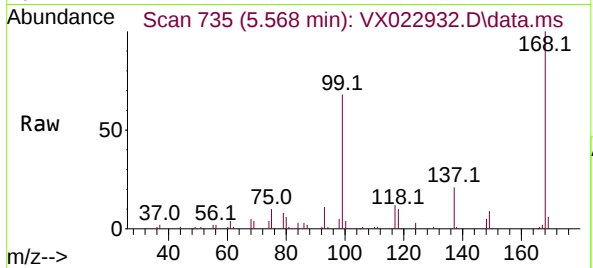




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

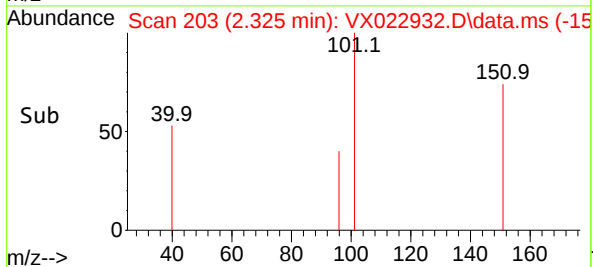
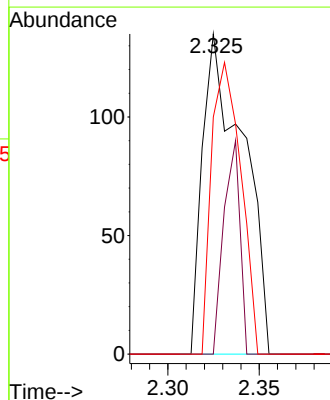
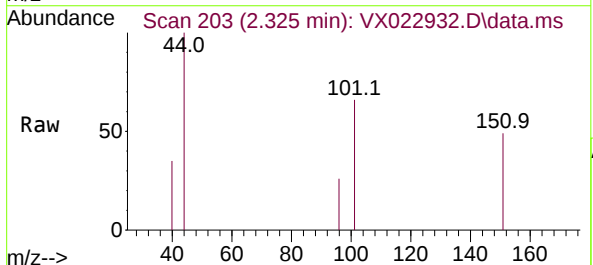
Instrument :
MSVOA_X
ClientSampleId :
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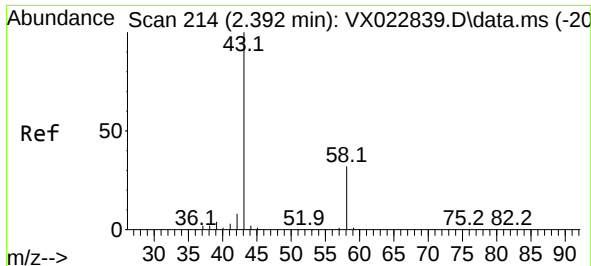
Tgt Ion:168 Resp: 51922
Ion Ratio Lower Upper
168 100
99 67.9 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.31 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion:101 Resp: 208
Ion Ratio Lower Upper
101 100
85 26.9 34.9 52.3#
151 65.9 61.4 92.2

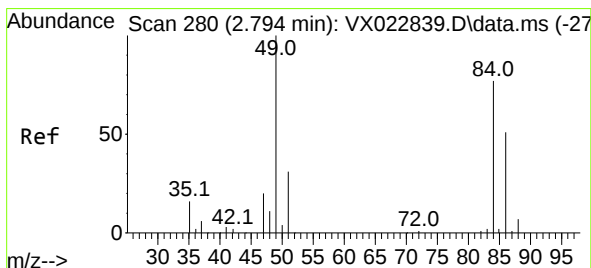
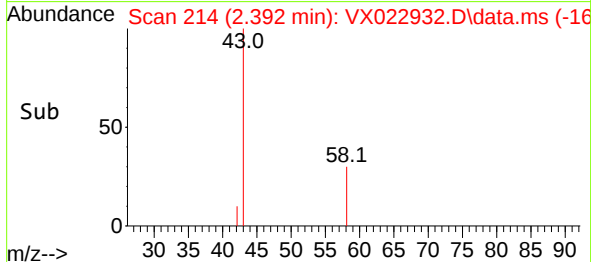
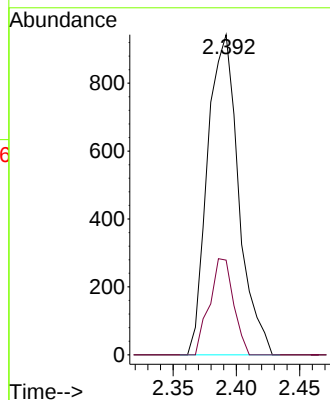
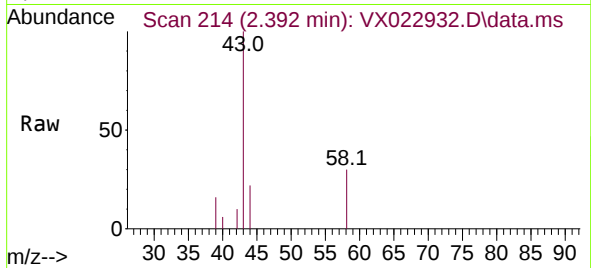




#16
Acetone
Concen: 3.85 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

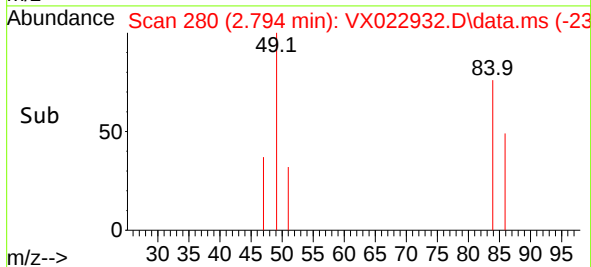
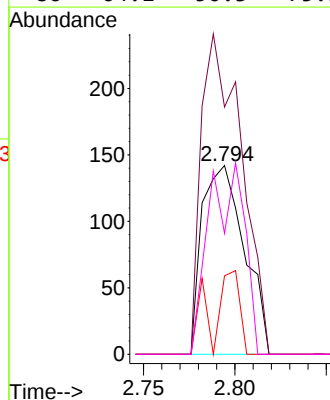
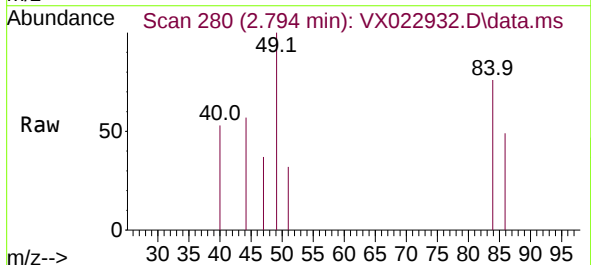
Instrument :
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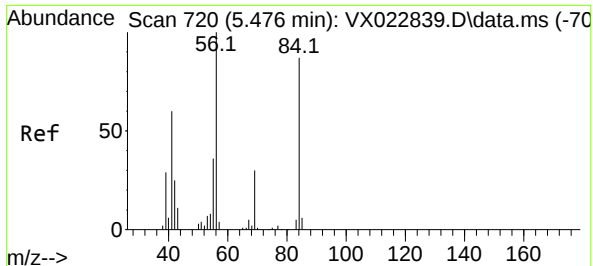
Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
58 29.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.65 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 84 Resp: 229
Ion Ratio Lower Upper
84 100
49 131.0 88.6 132.8
51 41.5 27.0 40.6#
86 64.1 50.3 75.5

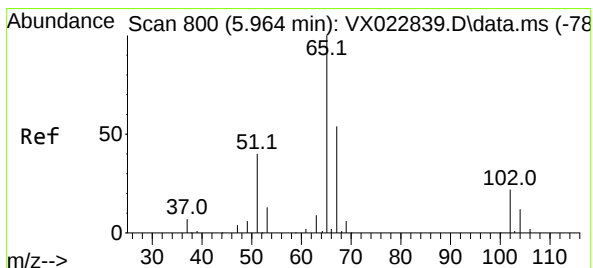
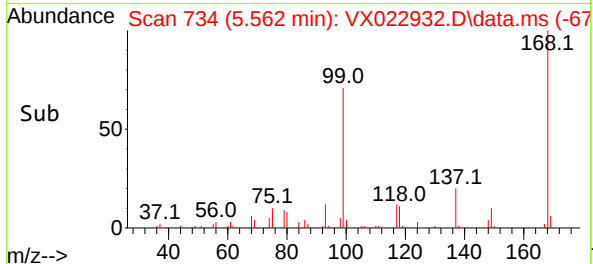
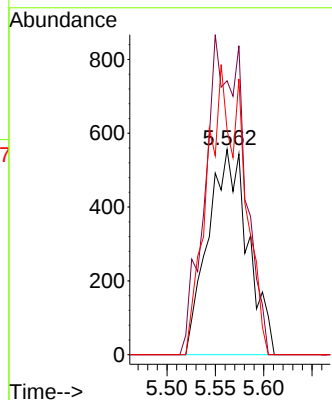
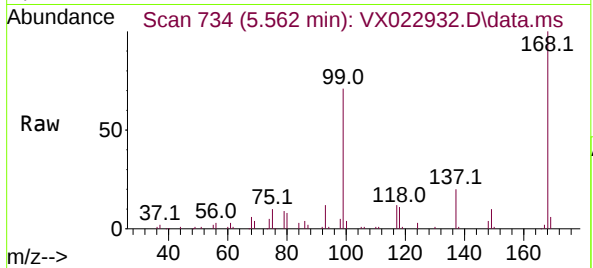




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

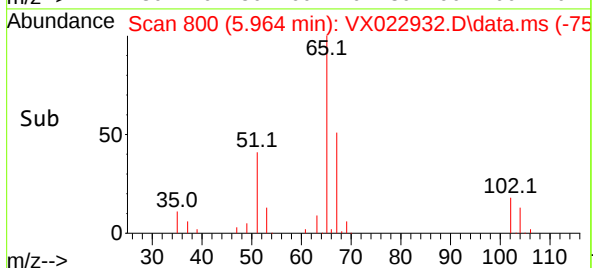
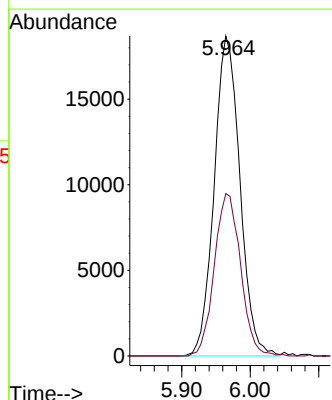
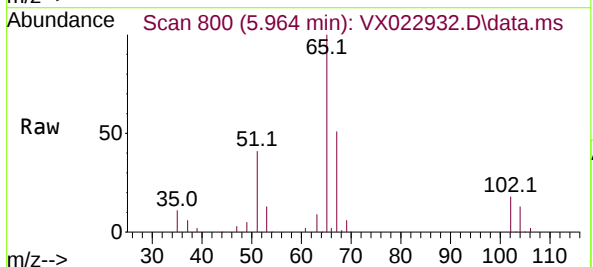
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210622

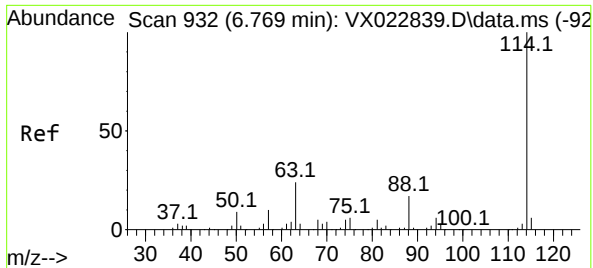
Tgt Ion: 56 Resp: 1593
Ion Ratio Lower Upper
56 100
69 133.5 25.3 37.9#
84 109.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.71 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 65 Resp: 48727
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

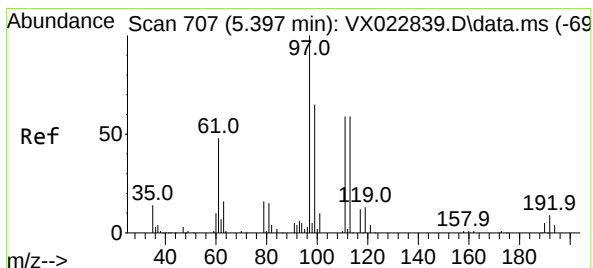
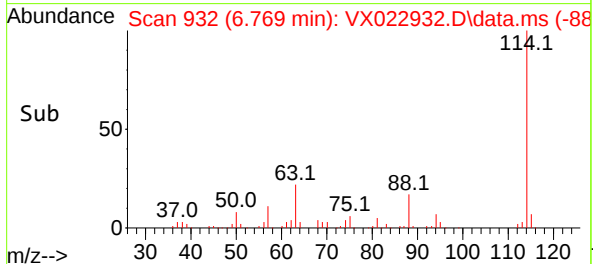
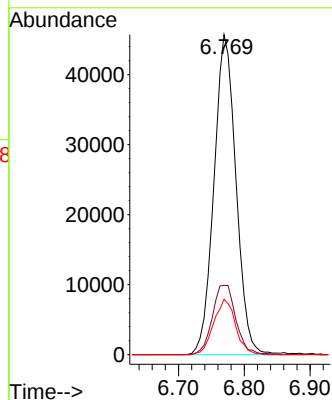
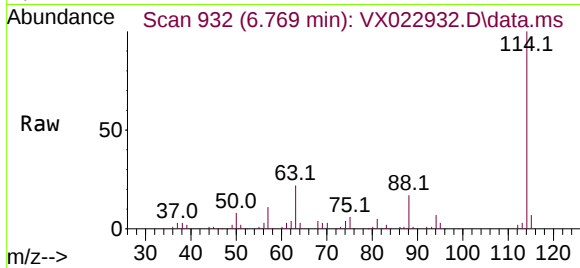




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

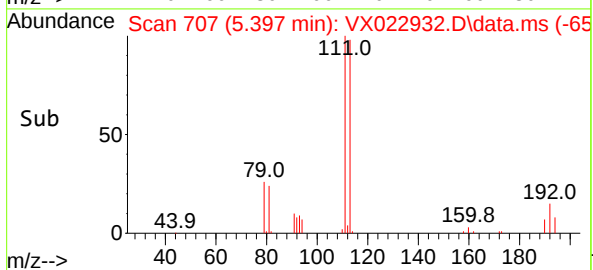
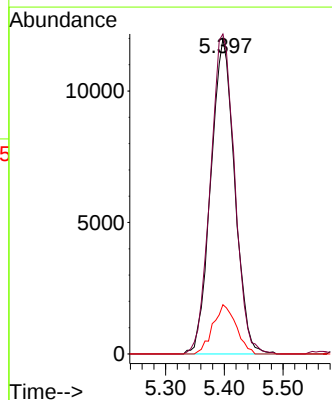
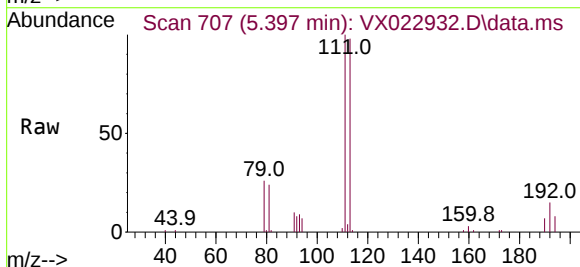
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210622

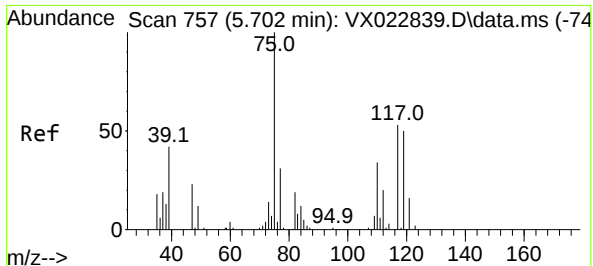
Tgt Ion:	114	Resp:	106574
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	40.8
88	17.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion:	113	Resp:	33750
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.9	122.9
192	15.2	16.7	25.1#





#36

1,1-Dichloropropene

Concen: 4.78 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022932.D

Acq: 25 Jun 2021 18:47

Tgt Ion: 75 Resp: 5407

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.4#

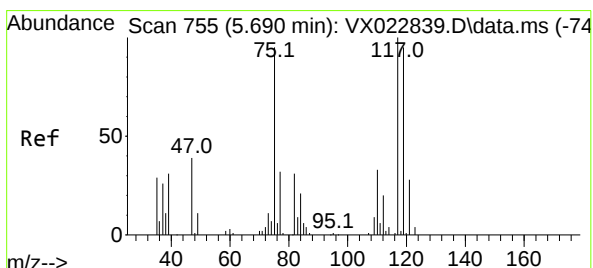
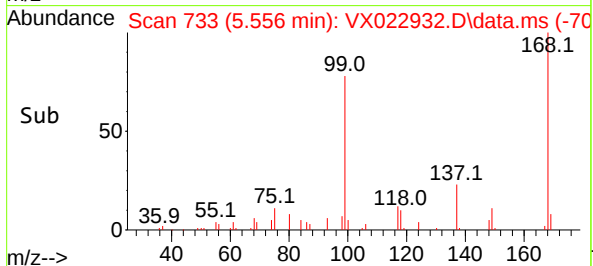
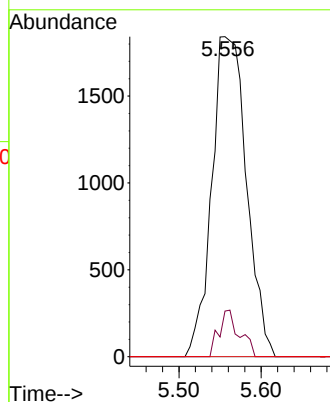
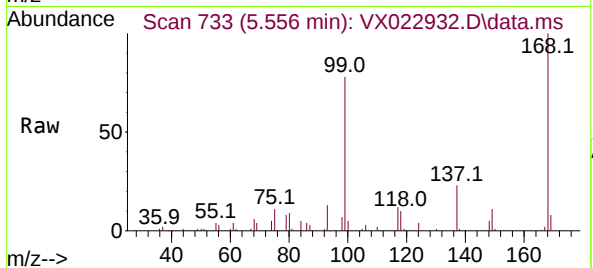
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE126D3-20210622



#38

Carbon Tetrachloride

Concen: 6.46 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX022932.D

Acq: 25 Jun 2021 18:47

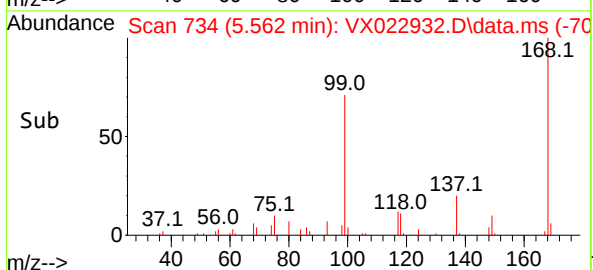
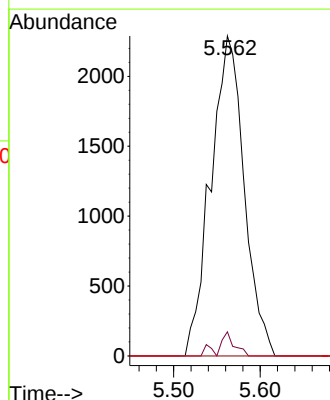
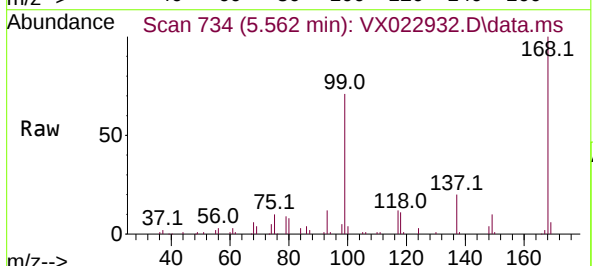
Tgt Ion: 117 Resp: 6132

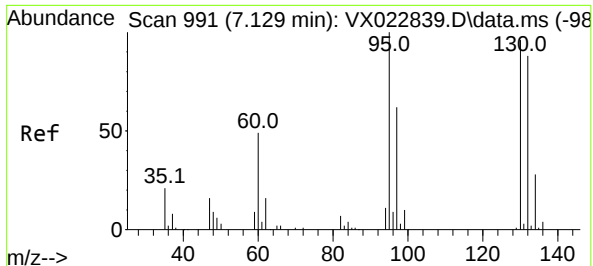
Ion Ratio Lower Upper

117 100

119 7.5 76.2 114.2#

121 0.0 24.8 37.2#

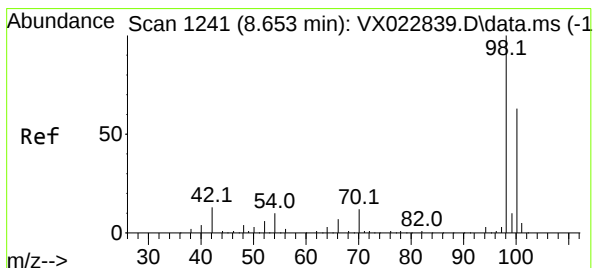
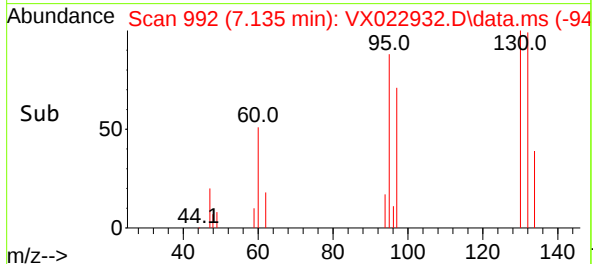
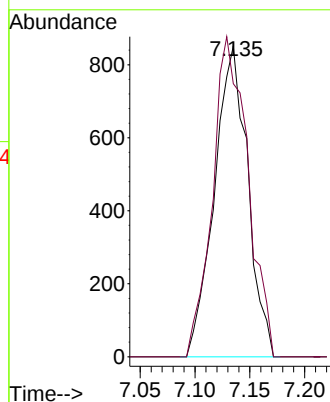
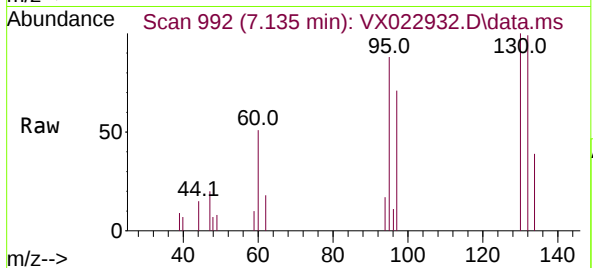




#44
Trichloroethene
Concen: 2.33 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

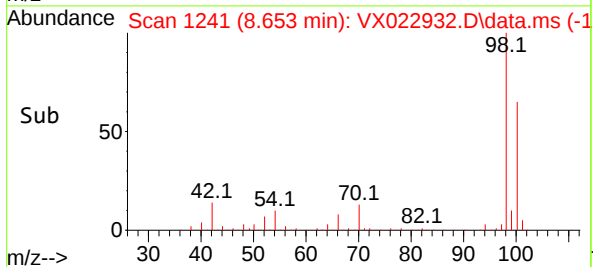
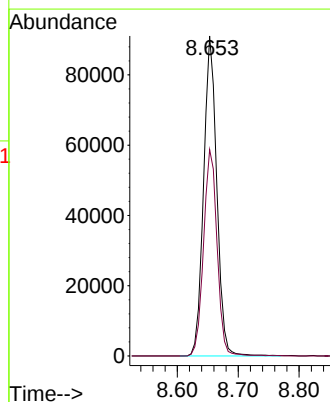
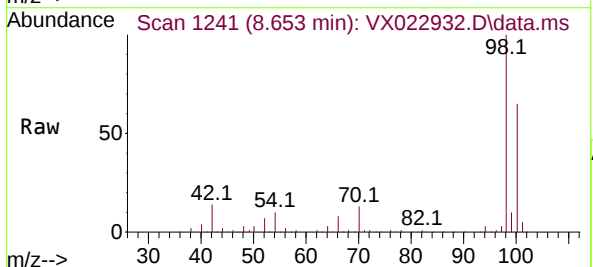
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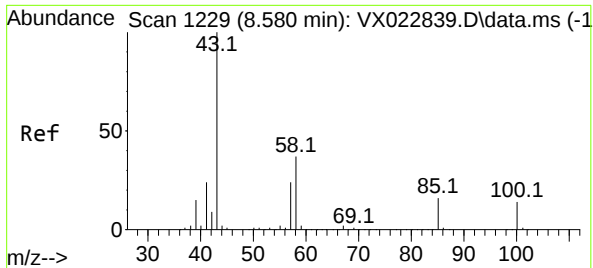
Tgt Ion:130 Resp: 1804
Ion Ratio Lower Upper
130 100
95 87.9 0.0 198.0



#50
Toluene-d8
Concen: 51.66 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 98 Resp: 137021
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

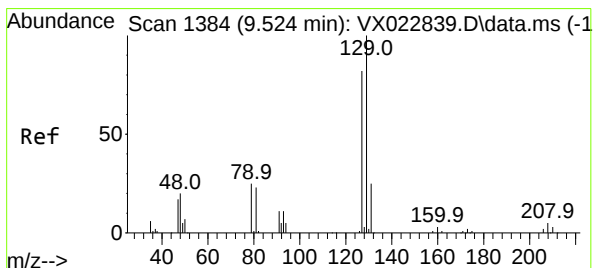
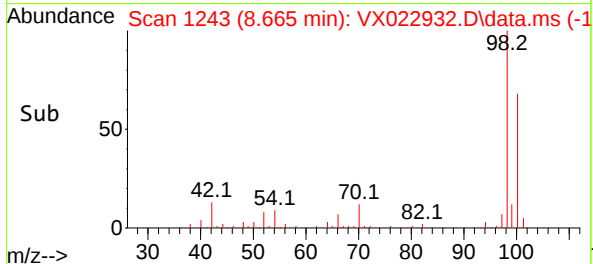
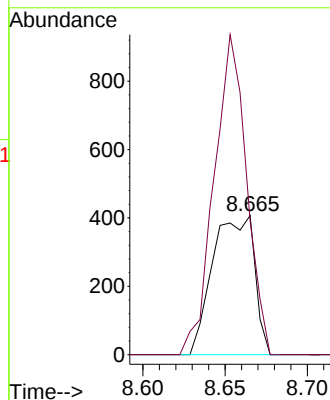
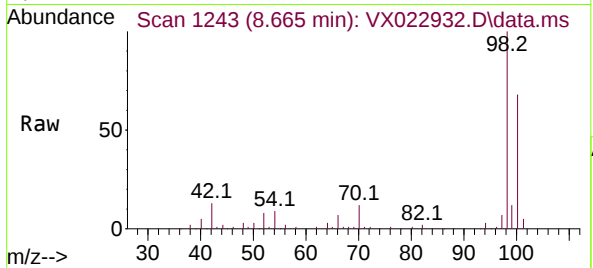




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.665 min Scan# 1243
Delta R.T. 0.085 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

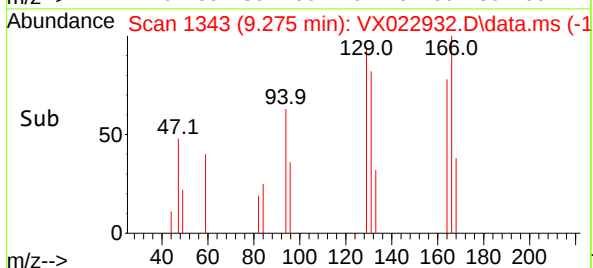
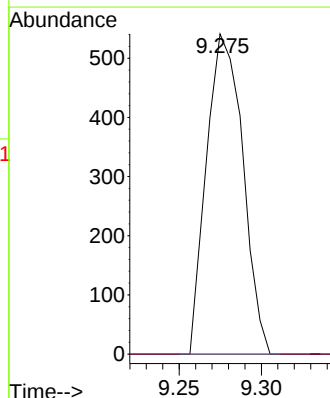
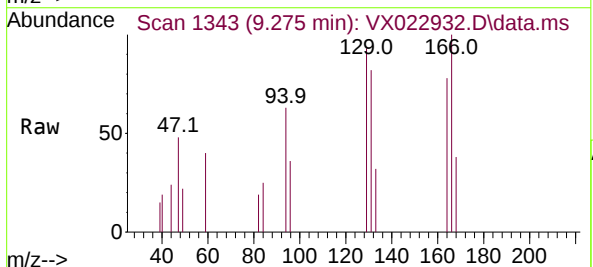
Instrument :
MSVOA_X
ClientSampleId :
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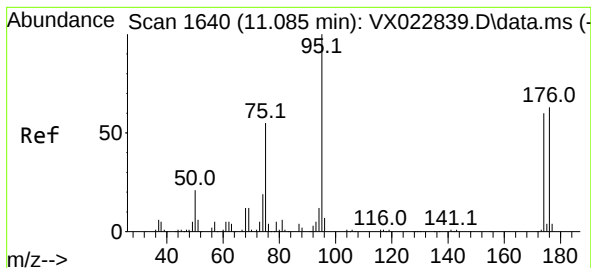
Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
58 179.2 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.64 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 129 Resp: 832
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

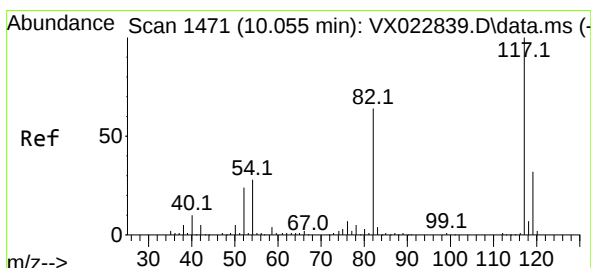
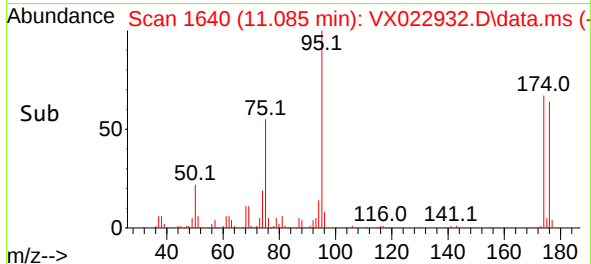
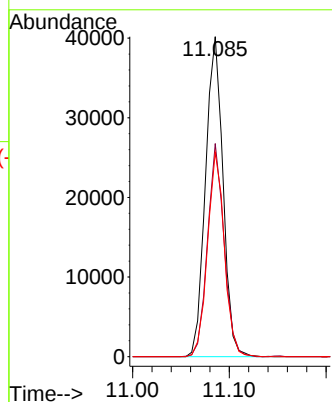
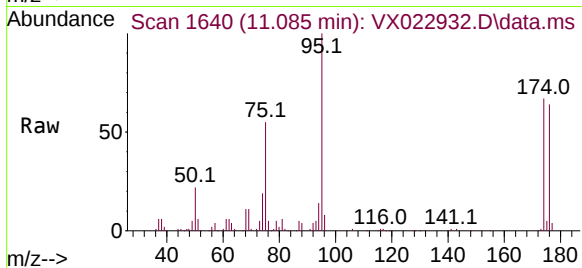




#62
4-Bromofluorobenzene
Concen: 51.10 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

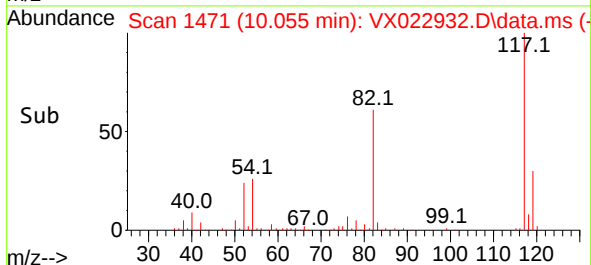
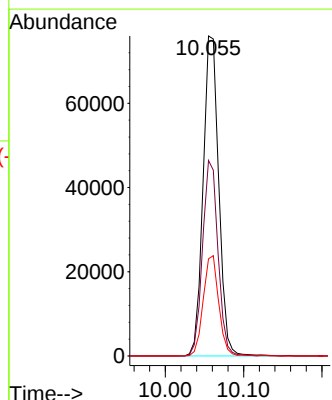
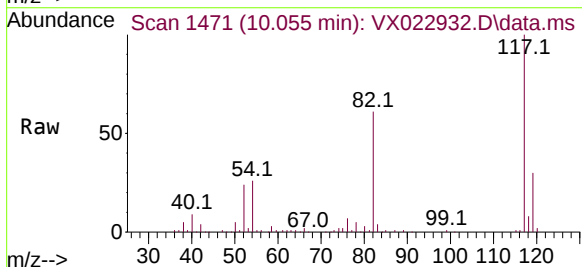
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210622

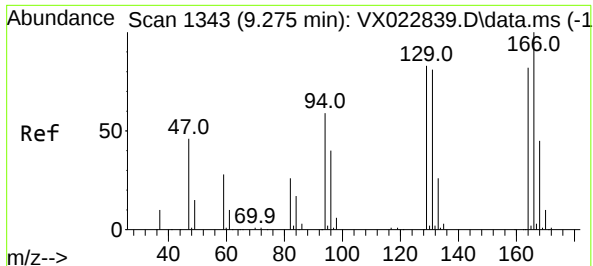
Tgt Ion: 95 Resp: 50586
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 61.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 117 Resp: 105411
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 30.4 26.6 39.8



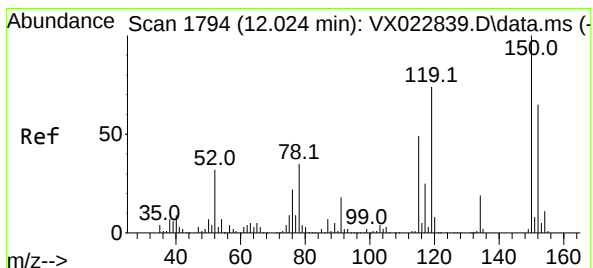
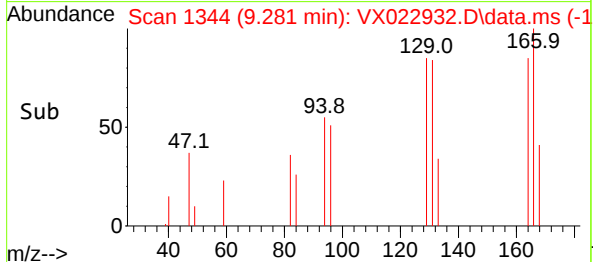
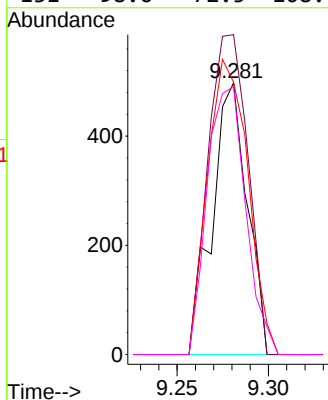
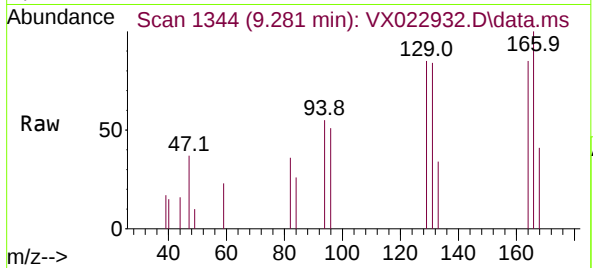


#64
Tetrachloroethene
Concen: 0.90 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210622

Tgt Ion:164 Resp: 668

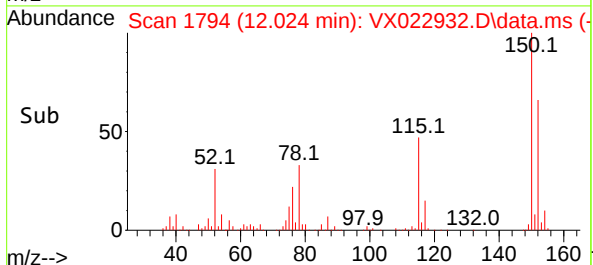
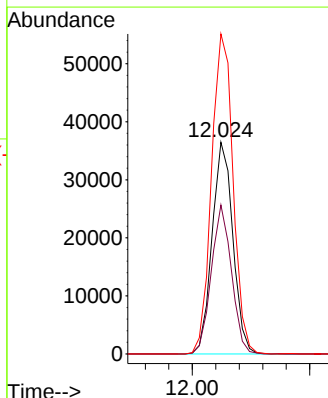
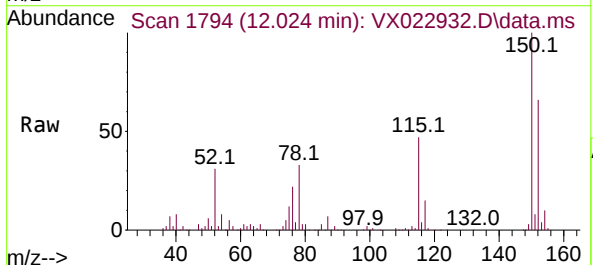
Ion	Ratio	Lower	Upper
164	100		
166	117.7	103.4	155.2
129	100.2	70.8	106.2
131	98.6	72.5	108.7

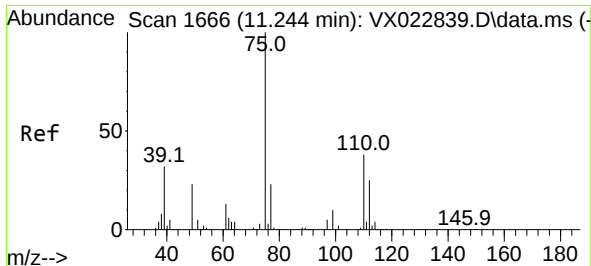


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion:152 Resp: 44830

Ion	Ratio	Lower	Upper
152	100		
115	68.2	41.1	123.3
150	156.4	0.0	349.0

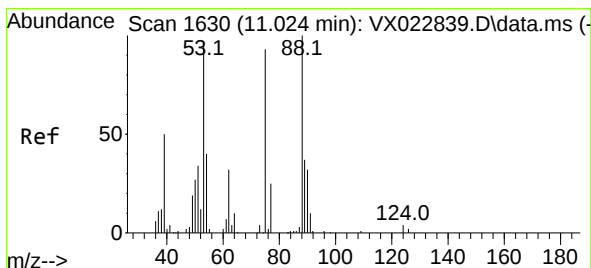
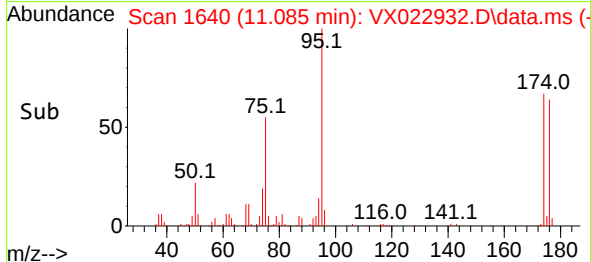
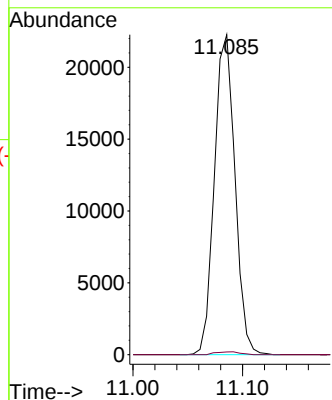
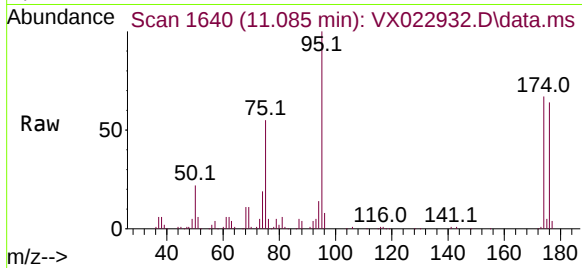




#76
1,2,3-Trichloropropane
Concen: 24.54 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210622

Tgt Ion: 75 Resp: 29057
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022932.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 75 Resp: 29057
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

