

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032926.D
 Acq On : 18 Nov 2022 15:42
 Operator : JC/MD
 Sample : N5672-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20221116DL

Quant Time: Nov 19 03:07:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

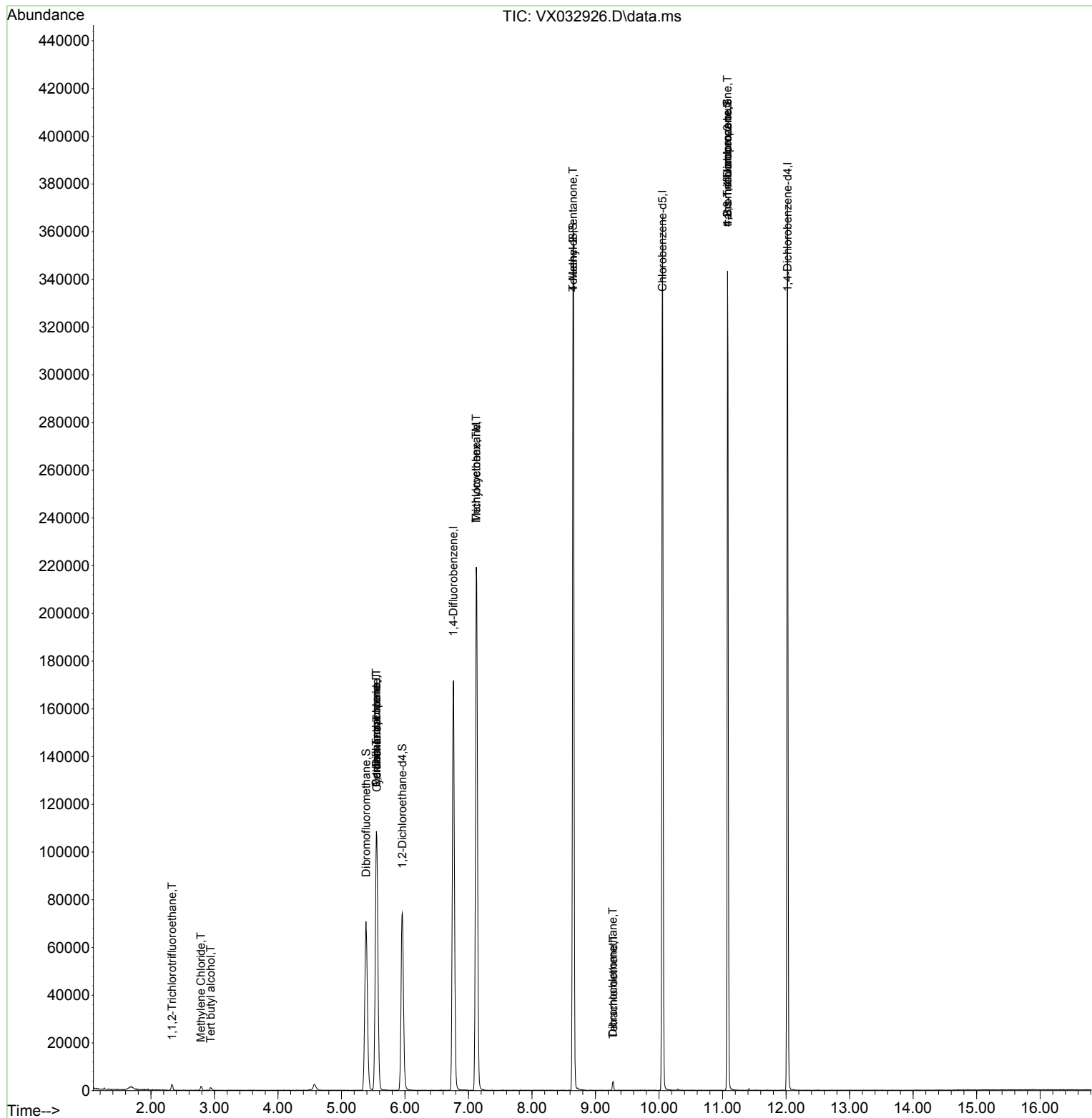
Internal Standards						
1) Pentafluorobenzene	5.550	168	103510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75906	52.777	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.560%	
35) Dibromofluoromethane	5.385	113	60680	48.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.640%	
50) Toluene-d8	8.647	98	217095	50.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	11.079	95	83442	49.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.860%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1061	0.955	ug/l	95
11) Tert butyl alcohol	2.941	59	715	3.416	ug/l #	72
20) Methylene Chloride	2.788	84	818	0.682	ug/l	91
31) Cyclohexane	5.556	56	2303	1.321	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	8052	4.652	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10598	5.521	ug/l #	16
39) Methylcyclohexane	7.123	83	1021	0.499	ug/l #	1
44) Trichloroethene	7.123	130	84106	60.999	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	974	0.559	ug/l #	1
60) Dibromochloromethane	9.275	129	686	0.467	ug/l #	11
64) Tetrachloroethene	9.281	164	666	0.572	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	46347	27.290	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46347	86.838	ug/l #	6

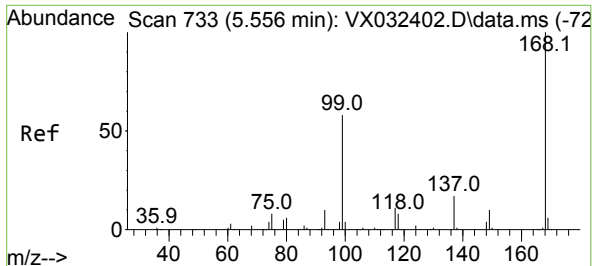
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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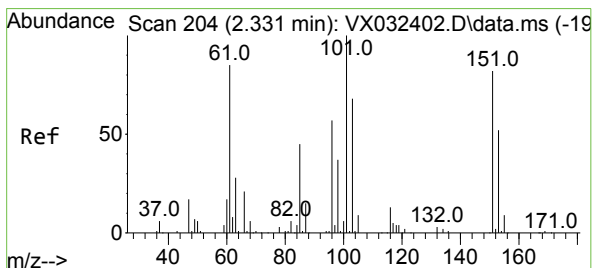
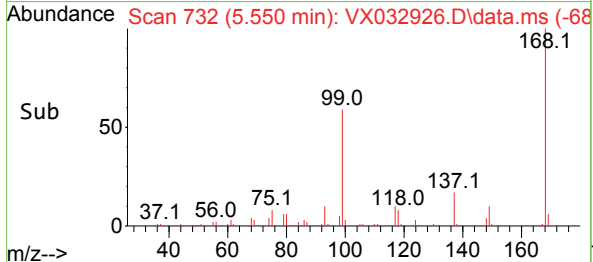
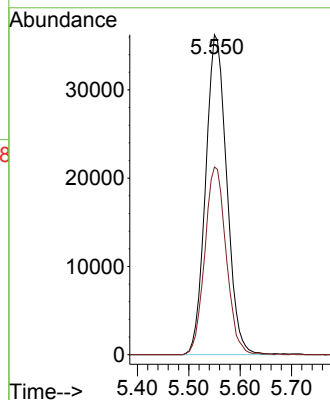
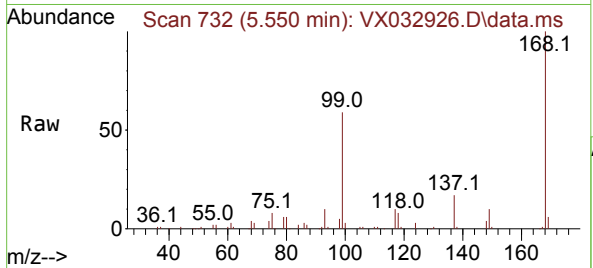




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

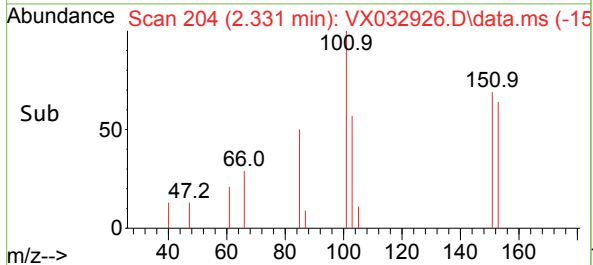
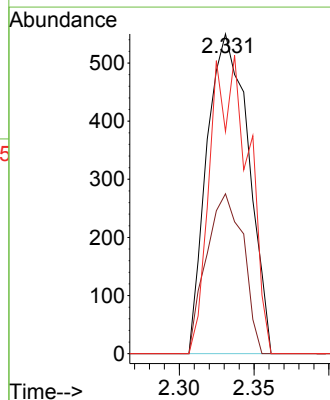
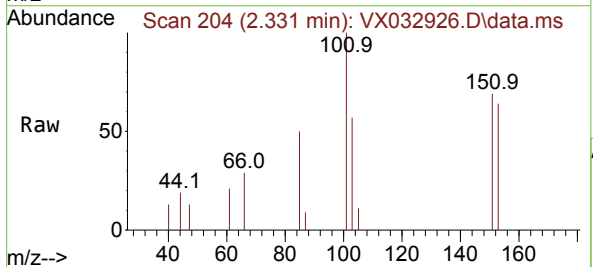
Instrument :
MSVOA_X
ClientSampleId :
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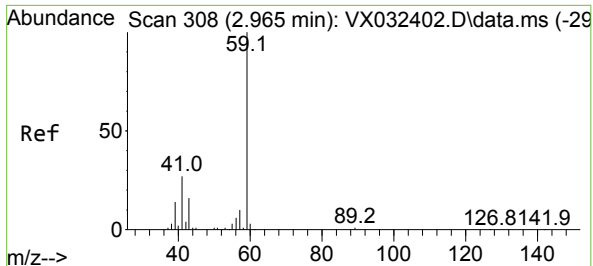
Tgt Ion:168 Resp: 103510
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.955 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Tgt Ion:101 Resp: 1061
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.4
151 86.4 64.4 96.6

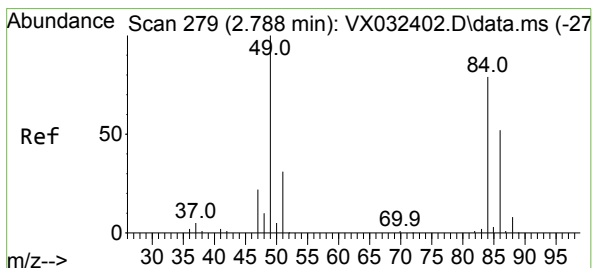
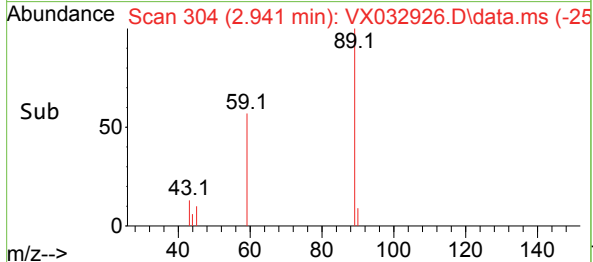
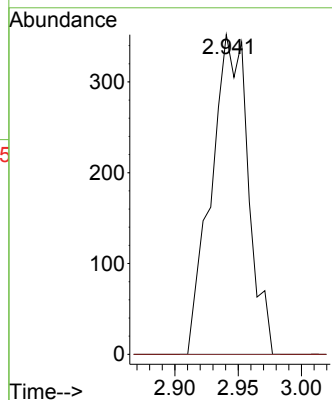
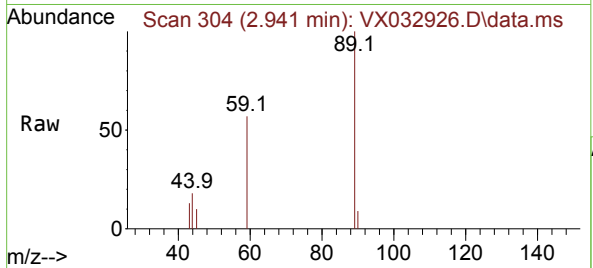




#11
Tert butyl alcohol
Concen: 3.416 ug/l
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

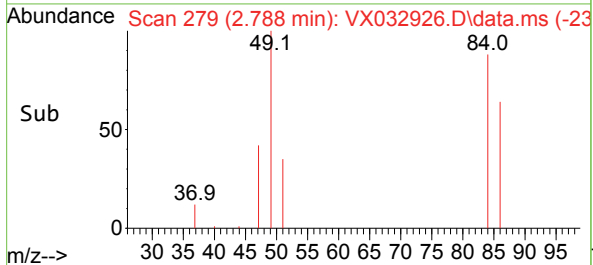
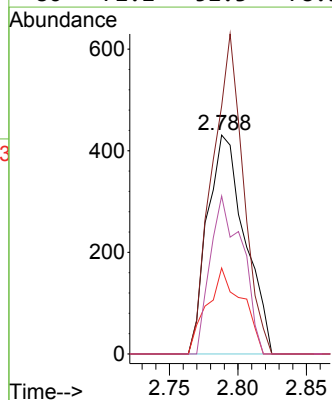
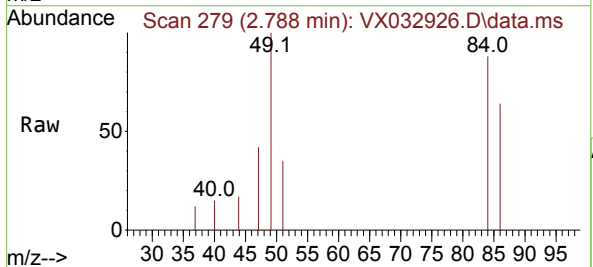
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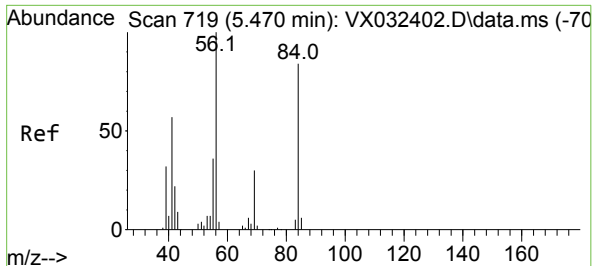
Tgt Ion: 59 Resp: 715
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#20
Methylene Chloride
Concen: 0.682 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Tgt Ion: 84 Resp: 818
Ion Ratio Lower Upper
84 100
49 113.2 101.0 151.6
51 39.2 31.1 46.7
86 72.2 52.3 78.5

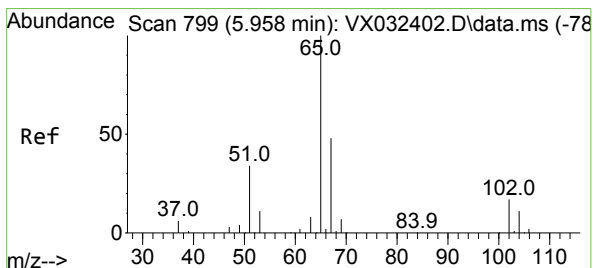
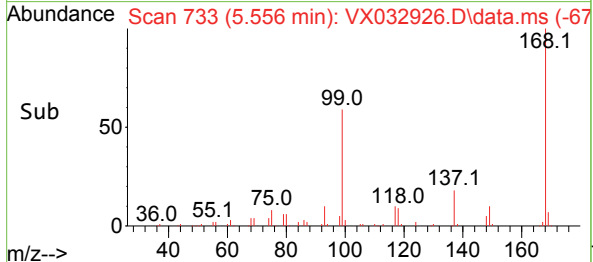
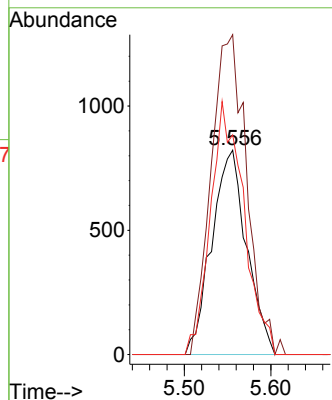
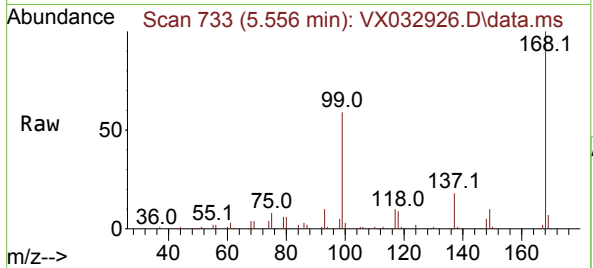




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

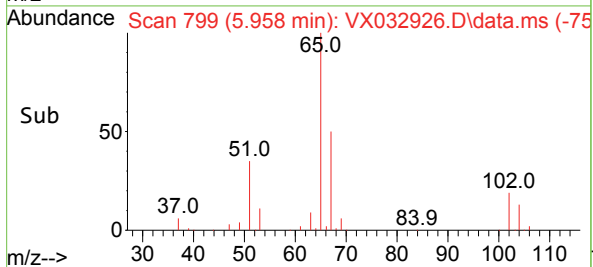
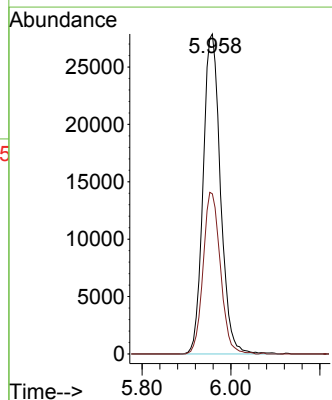
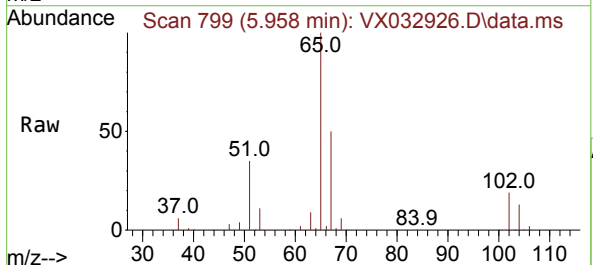
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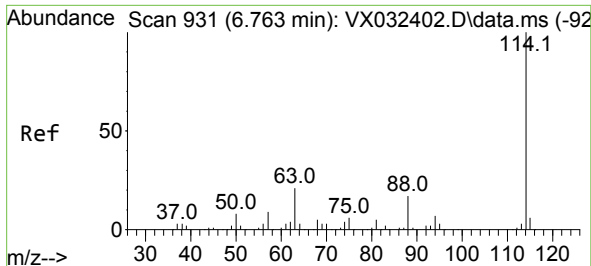
Tgt Ion: 56 Resp: 2303
Ion Ratio Lower Upper
56 100
69 156.6 24.1 36.1#
84 107.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.777 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Tgt Ion: 65 Resp: 75906
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

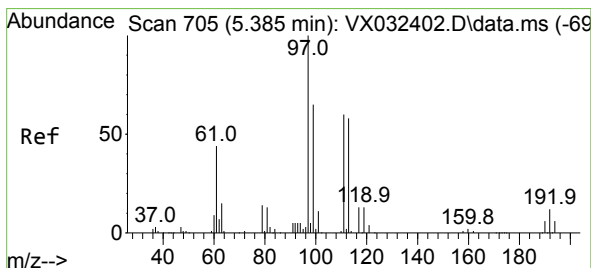
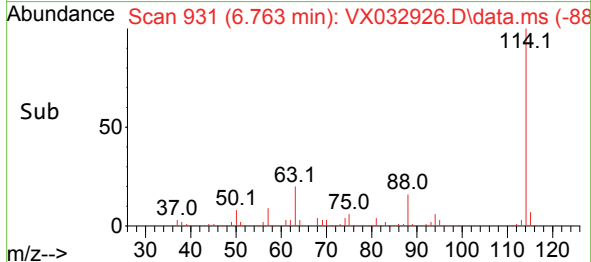
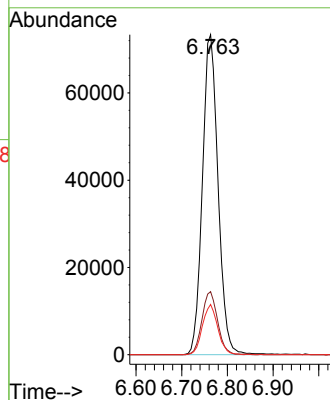
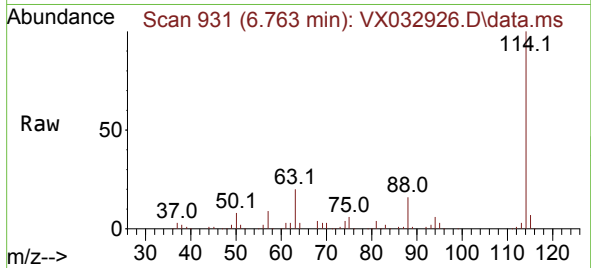




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

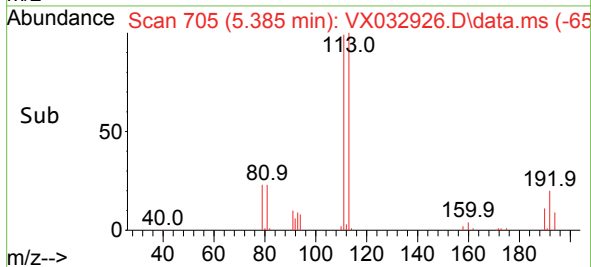
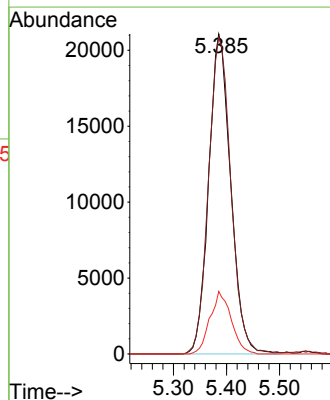
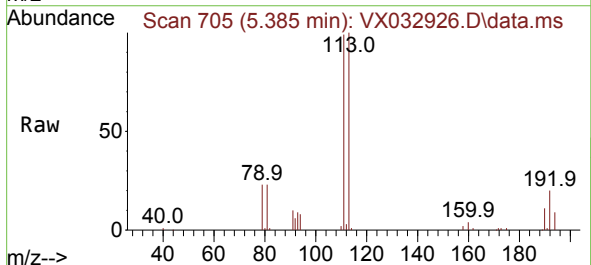
Instrument :
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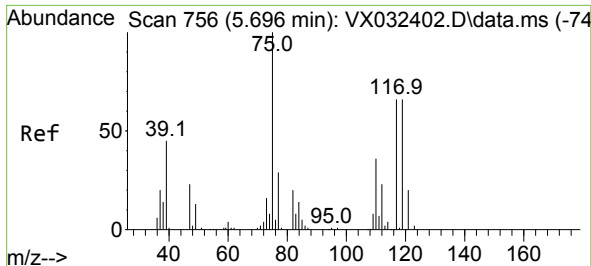
Tgt Ion:114 Resp: 174247
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.820 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Tgt Ion:113 Resp: 60680
Ion Ratio Lower Upper
113 100
111 100.8 82.4 123.6
192 18.9 15.4 23.2

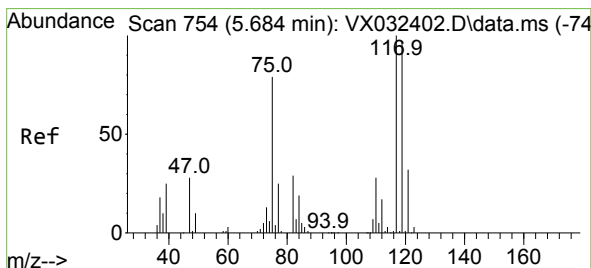
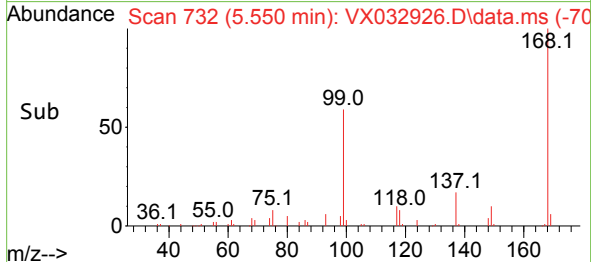
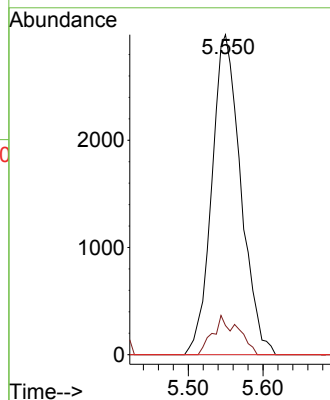
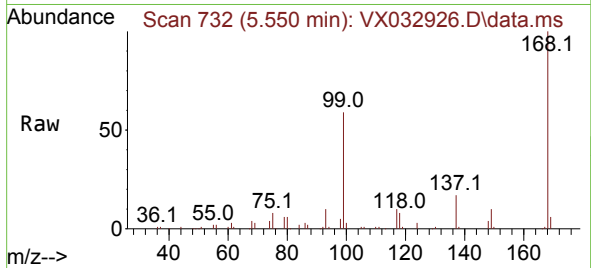




#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

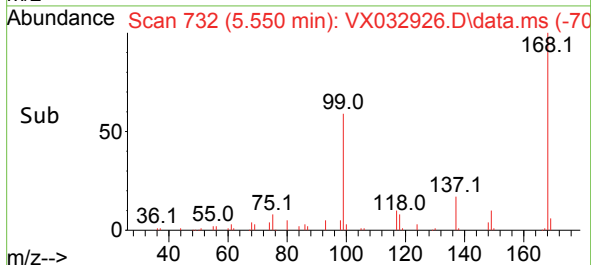
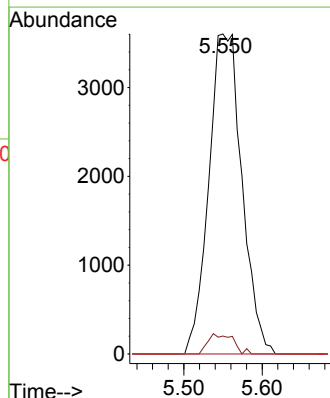
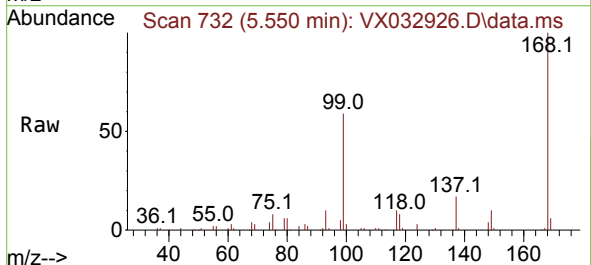
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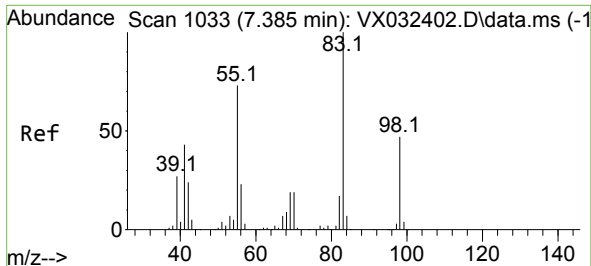
Tgt Ion: 75 Resp: 8052
Ion Ratio Lower Upper
75 100
110 10.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.521 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Tgt Ion: 117 Resp: 10598
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 0.499 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX032926.D

Acq: 18 Nov 2022 15:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20221116DL

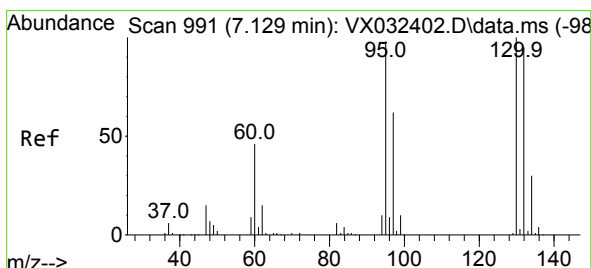
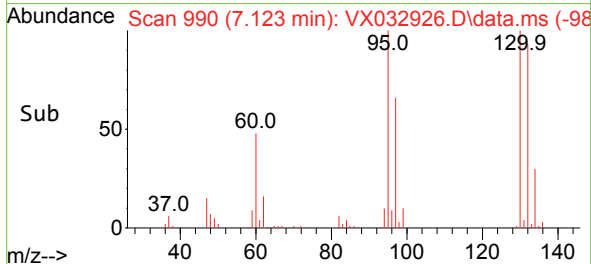
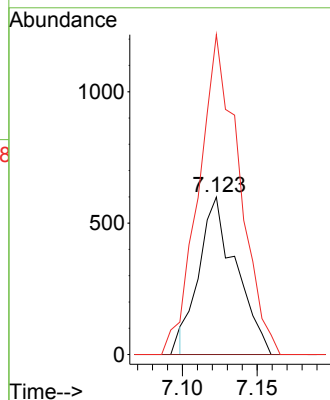
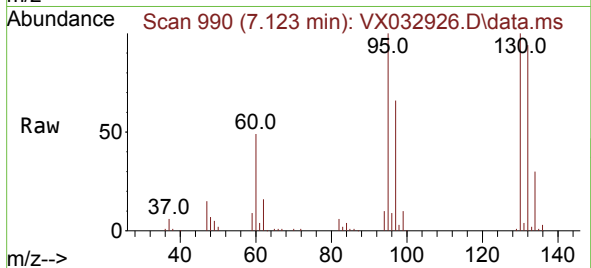
Tgt Ion: 83 Resp: 1021

Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 203.2 37.2 55.8#



#44

Trichloroethene

Concen: 60.999 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX032926.D

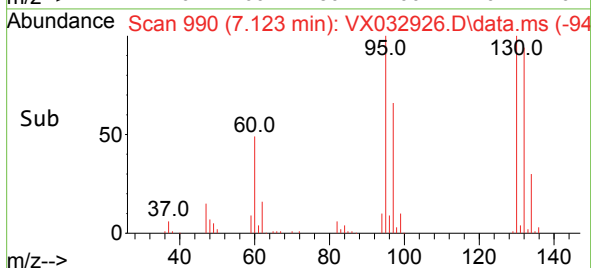
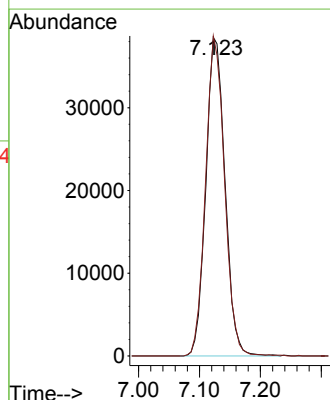
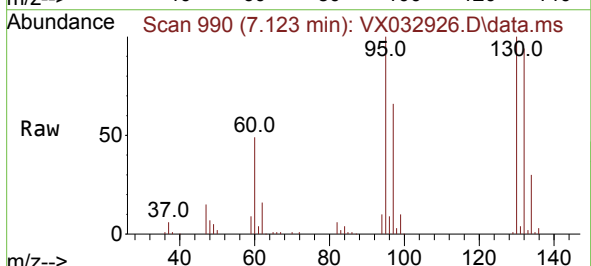
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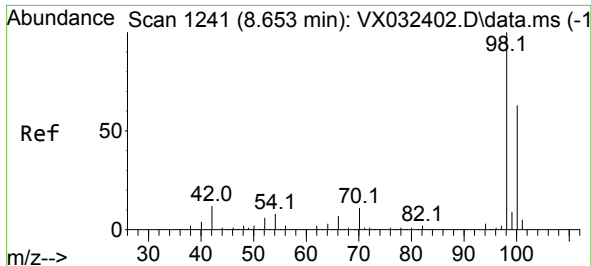
Tgt Ion:130 Resp: 84106

Ion Ratio Lower Upper

130 100

95 100.4 0.0 195.2

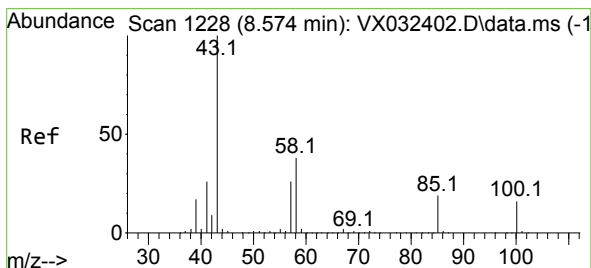
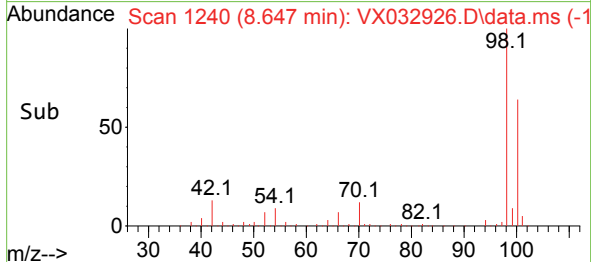
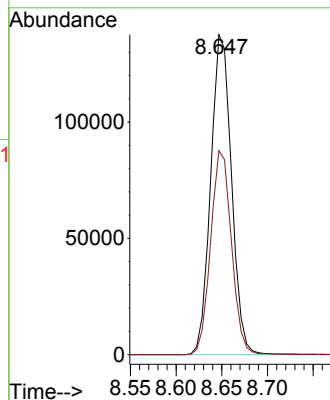
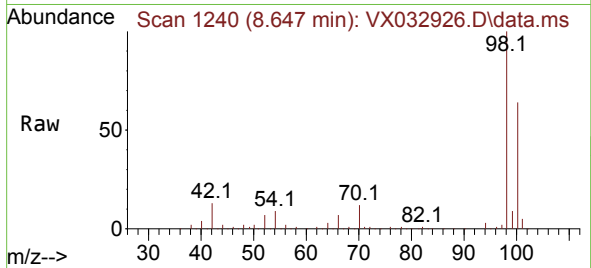




#50
Toluene-d8
Concen: 50.231 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

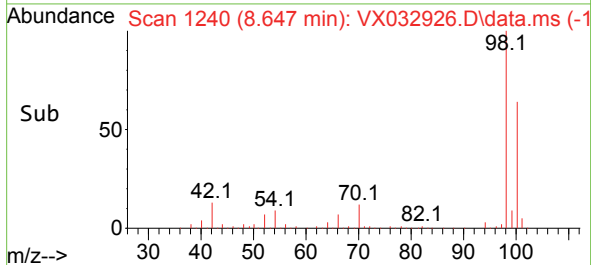
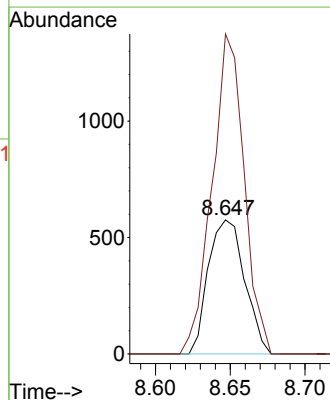
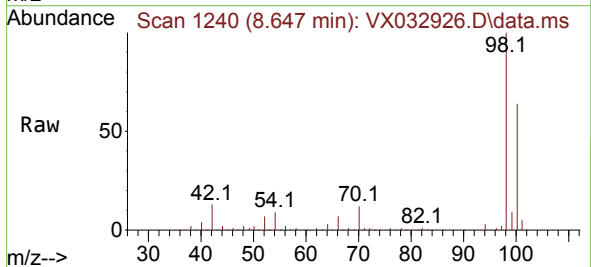
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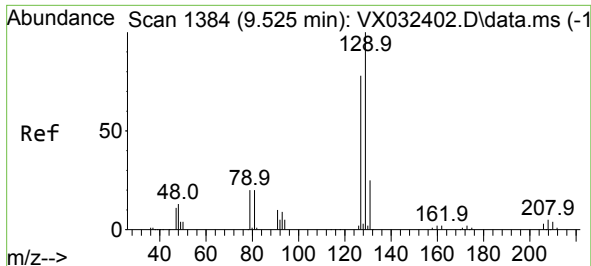
Tgt Ion: 98 Resp: 217095
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
58 210.7 30.9 46.3#

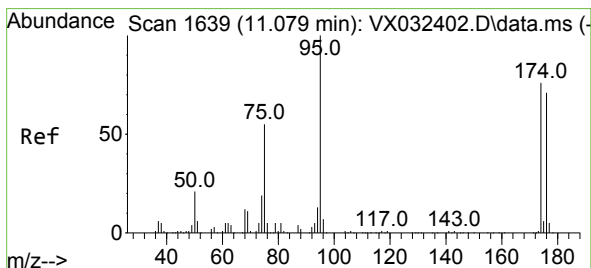
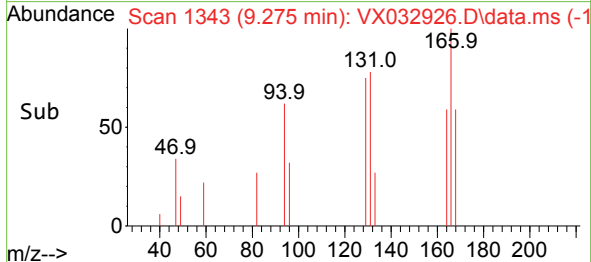
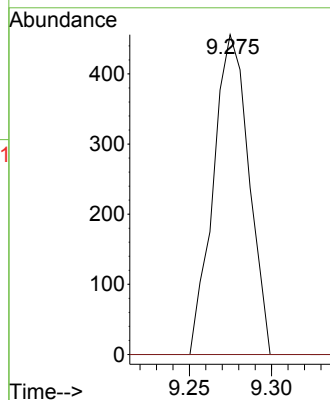
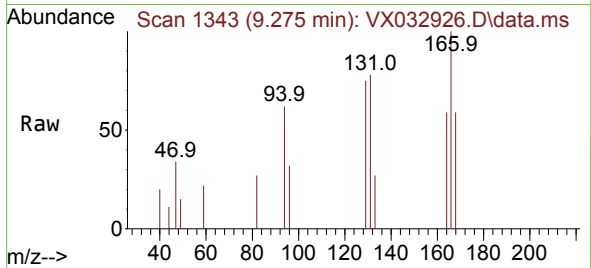




#60
Dibromochloromethane
Concen: 0.467 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

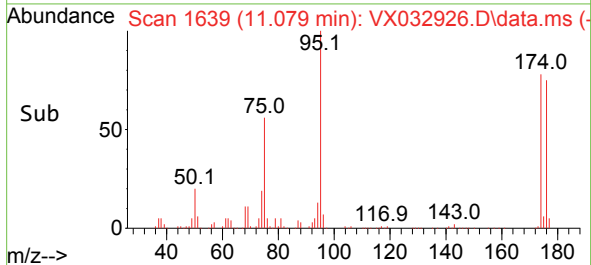
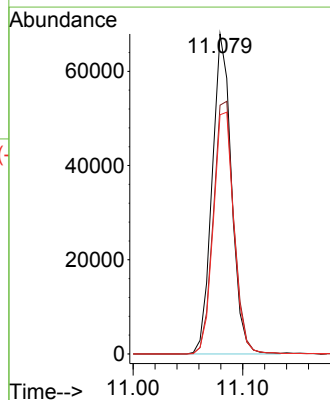
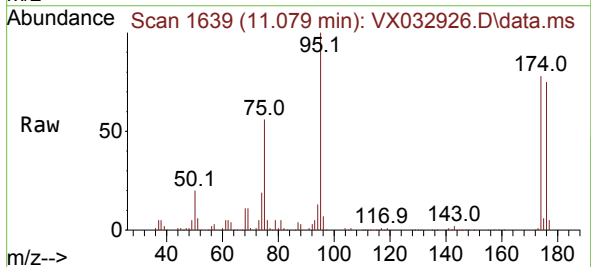
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116DL

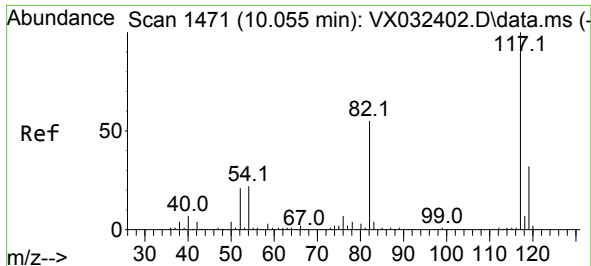
Tgt Ion:129 Resp: 686
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 49.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Tgt Ion: 95 Resp: 83442
Ion Ratio Lower Upper
95 100
174 84.2 0.0 164.0
176 80.6 0.0 154.4

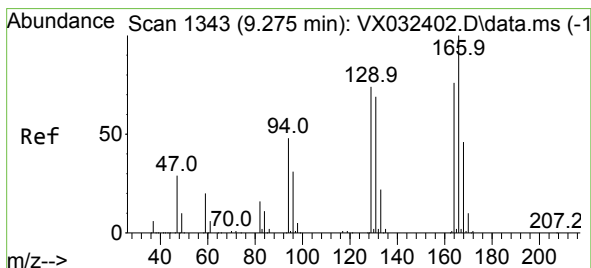
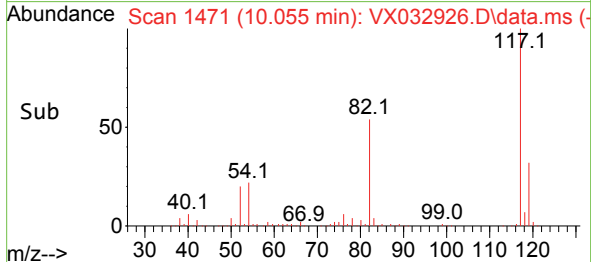
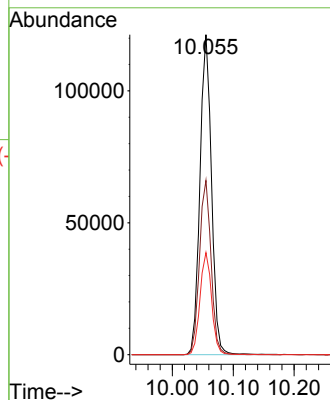
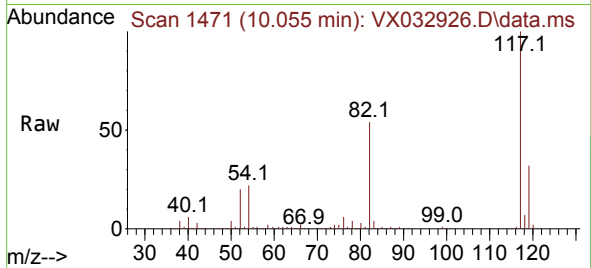




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

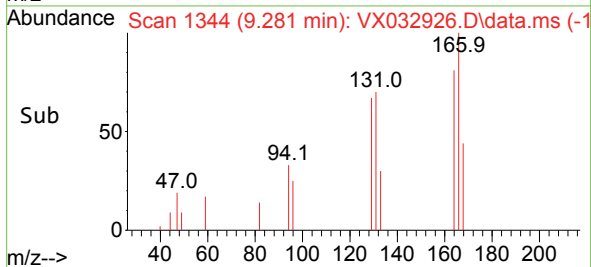
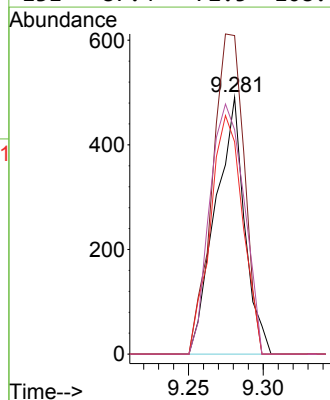
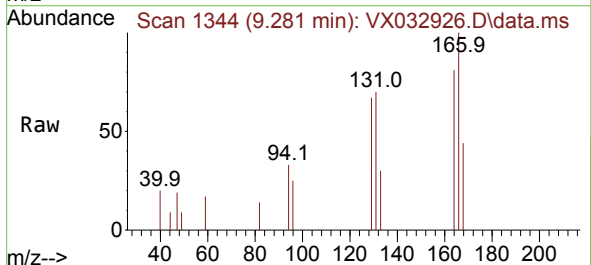
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116DL

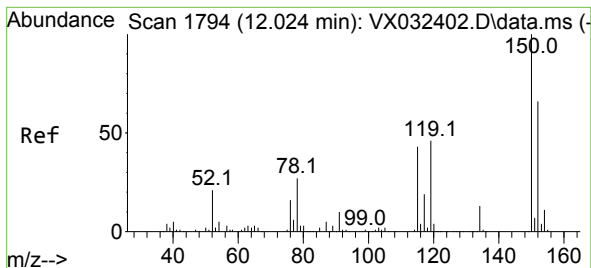
Tgt Ion:117 Resp: 159109
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 0.572 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Tgt Ion:164 Resp: 666
Ion Ratio Lower Upper
164 100
166 124.0 105.4 158.2
129 82.7 78.2 117.2
131 87.4 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032926.D

Acq: 18 Nov 2022 15:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20221116DL

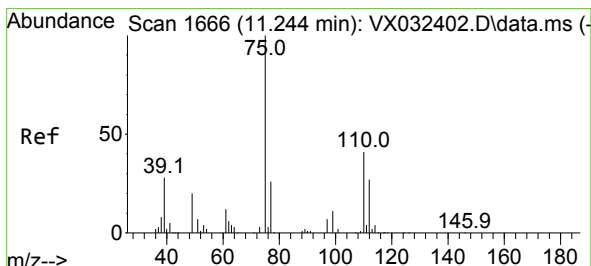
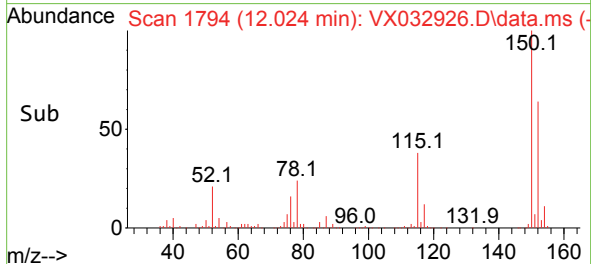
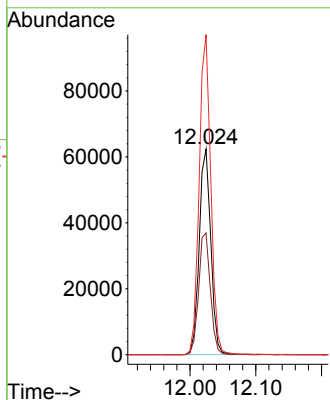
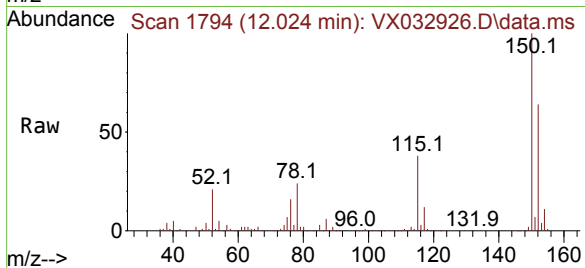
Tgt Ion:152 Resp: 76337

Ion Ratio Lower Upper

152 100

115 59.8 44.0 132.0

150 155.8 0.0 351.8



#76

1,2,3-Trichloropropane

Concen: 27.290 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX032926.D

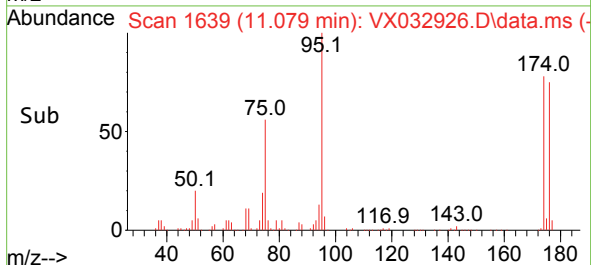
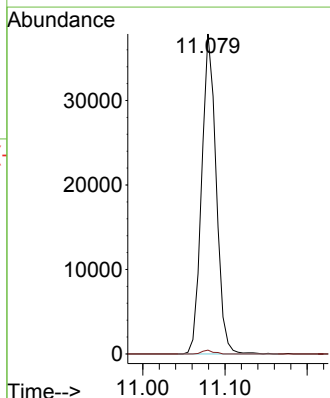
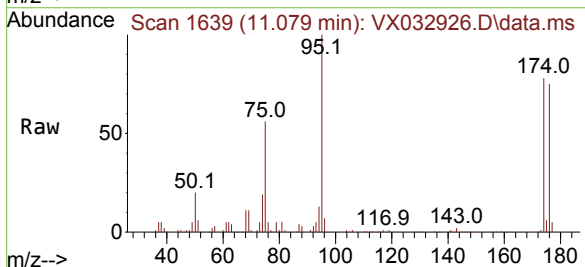
Acq: 18 Nov 2022 15:42

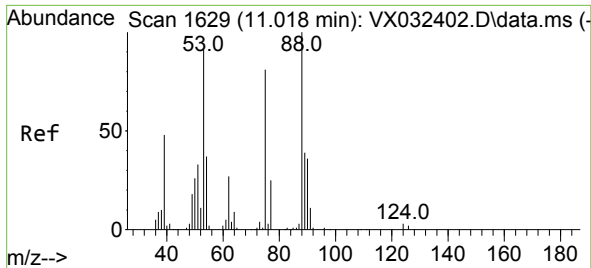
Tgt Ion: 75 Resp: 46347

Ion Ratio Lower Upper

75 100

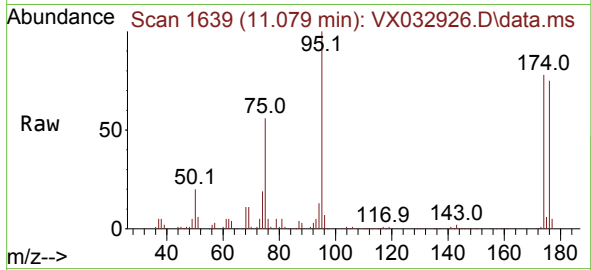
77 0.9 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.838 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032926.D
Acq: 18 Nov 2022 15:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116DL



Tgt Ion: 75 Resp: 46347
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

