

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032930.D
 Acq On : 18 Nov 2022 17:14
 Operator : JC/MD
 Sample : N5671-13 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20221115DL

Quant Time: Nov 19 03:08:43 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)

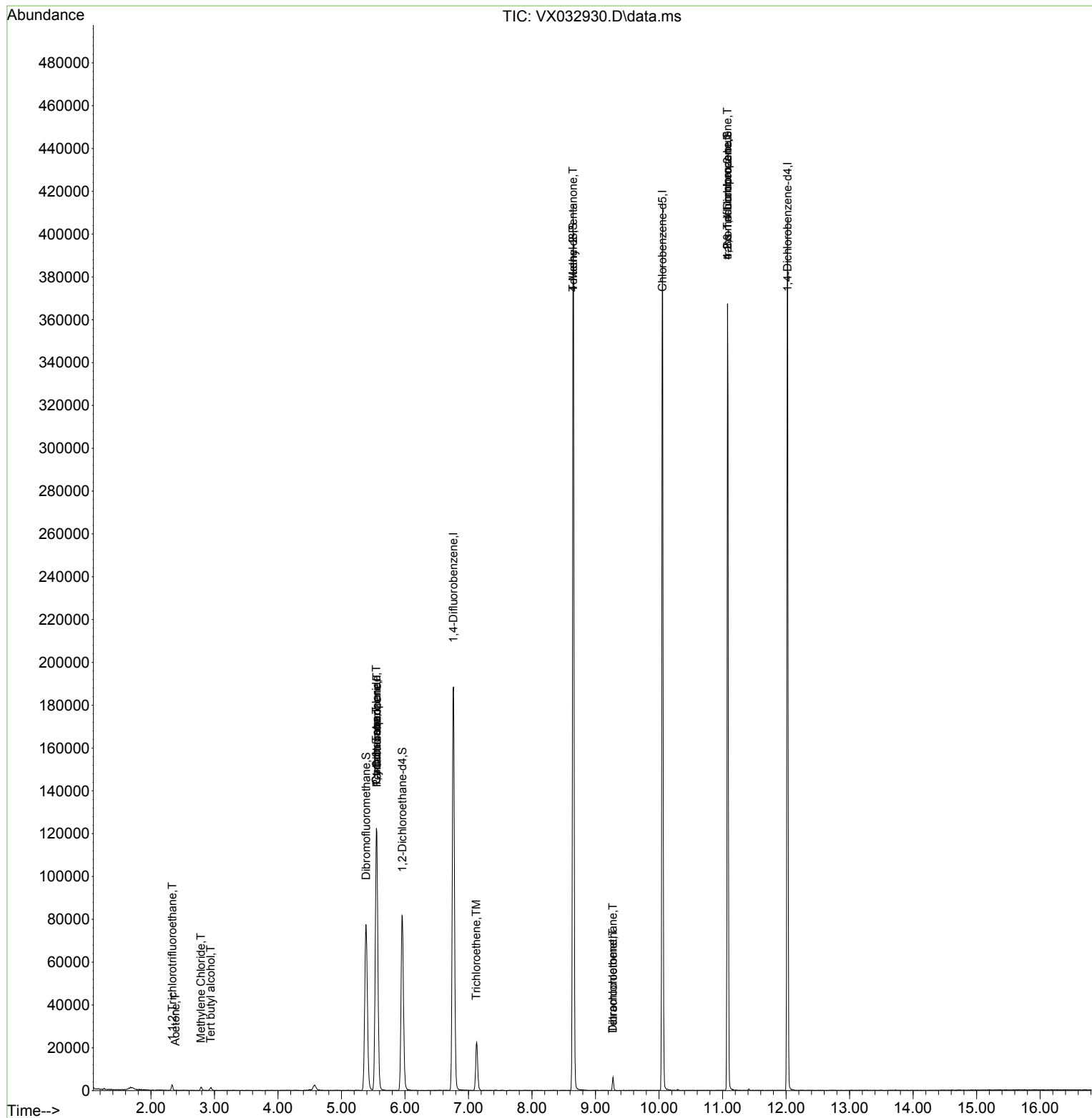
Internal Standards						
1) Pentafluorobenzene	5.556	168	115617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83010	51.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.340%
35) Dibromofluoromethane	5.385	113	67187	48.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	8.647	98	241539	49.988	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	92280	48.891	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.780%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	1015	0.818	ug/l	92
11) Tert butyl alcohol	2.941	59	824	3.524	ug/l #	72
16) Acetone	2.386	43	130	0.223	ug/l #	45
20) Methylene Chloride	2.788	84	829	0.619	ug/l #	74
31) Cyclohexane	5.550	56	2396	1.230	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8951	4.626	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12194	5.681	ug/l #	16
44) Trichloroethene	7.123	130	8950	5.806	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1155	0.593	ug/l #	1
60) Dibromochloromethane	9.275	129	1150	0.700	ug/l #	11
64) Tetrachloroethene	9.275	164	1111	0.850	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	51058	27.850	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	51058	88.620	ug/l #	6

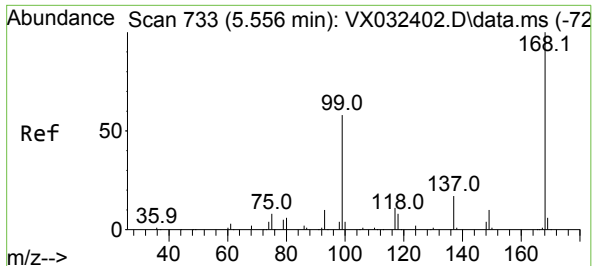
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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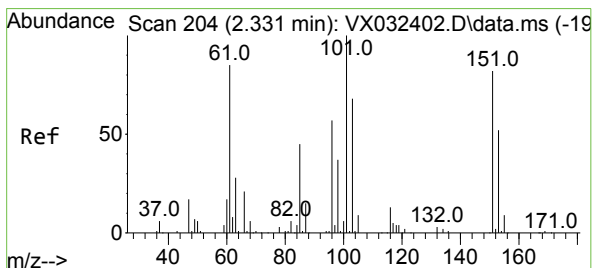
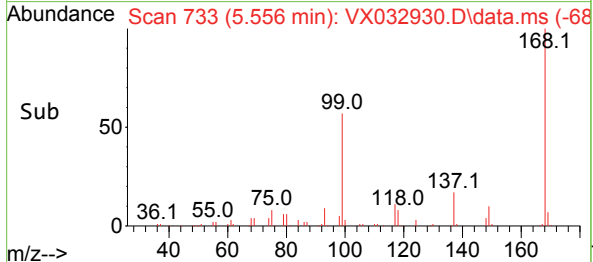
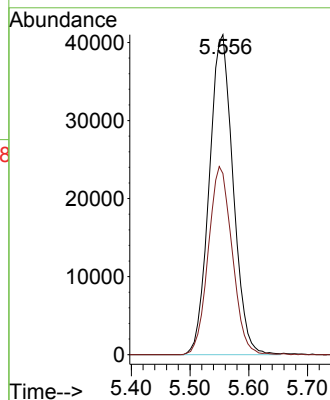
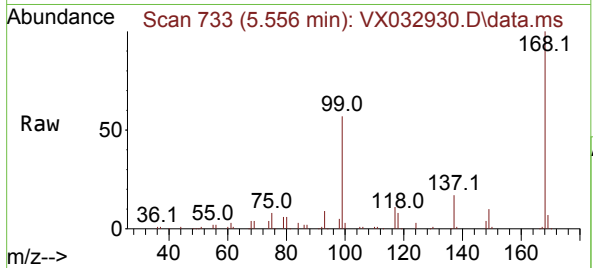




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

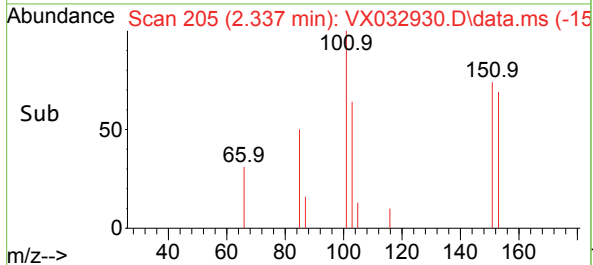
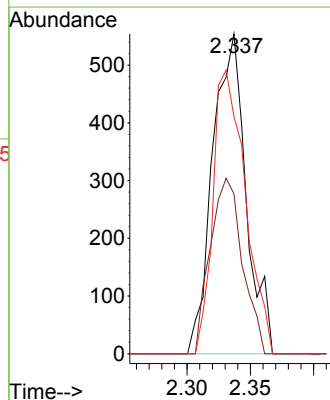
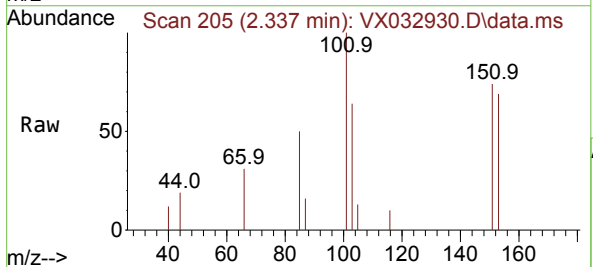
Instrument :
MSVOA_X
ClientSampleId :
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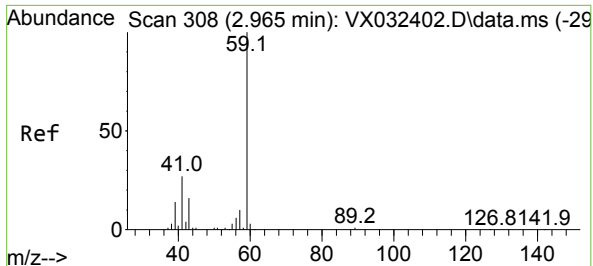
Tgt Ion:168 Resp: 115617
Ion Ratio Lower Upper
168 100
99 56.6 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.818 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion:101 Resp: 1015
Ion Ratio Lower Upper
101 100
85 53.2 37.0 55.4
151 86.0 64.4 96.6

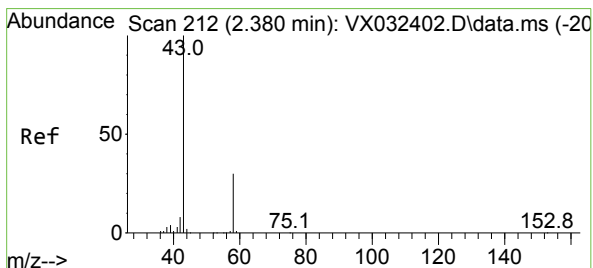
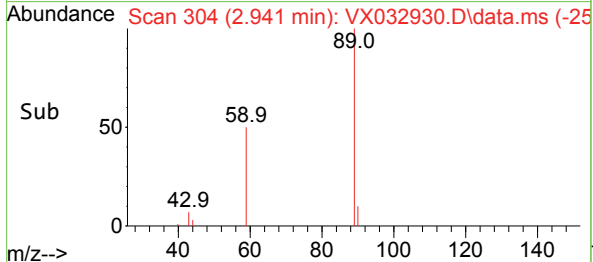
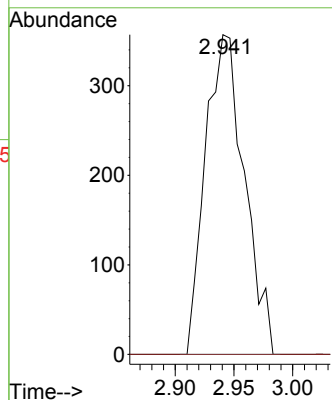
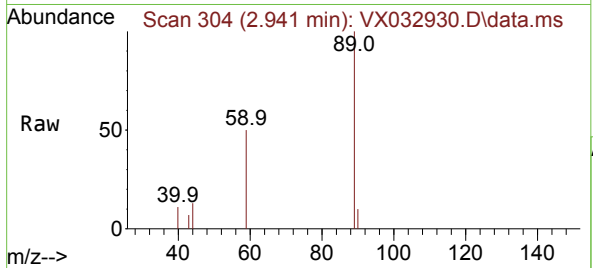




#11
Tert butyl alcohol
Concen: 3.524 ug/l
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

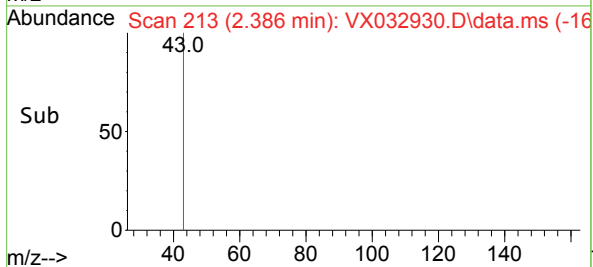
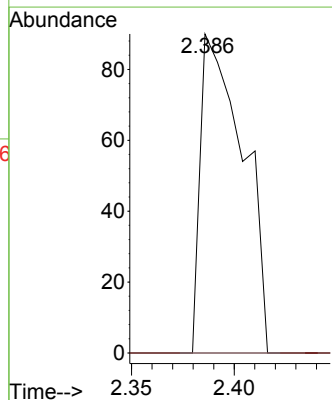
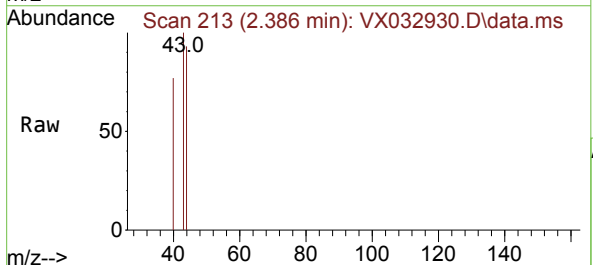
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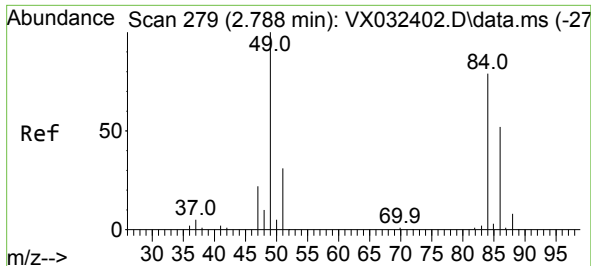
Tgt Ion: 59 Resp: 824
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.223 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

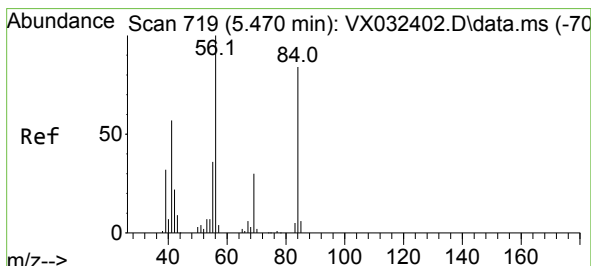
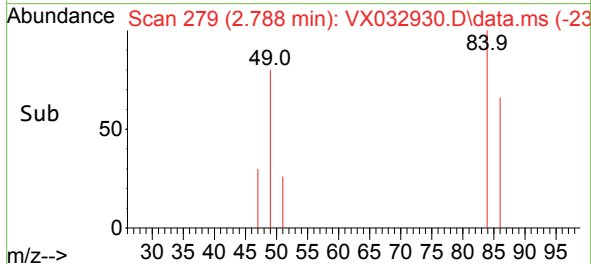
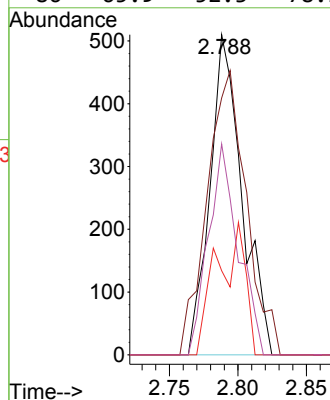
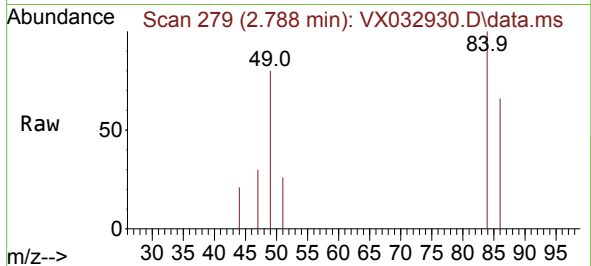




#20
Methylene Chloride
Concen: 0.619 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

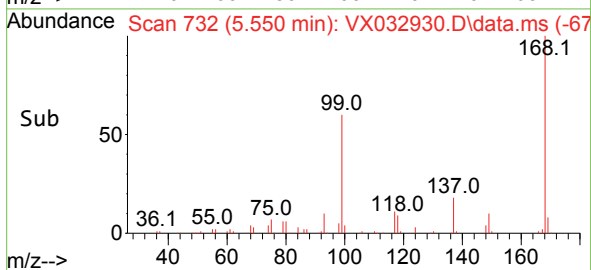
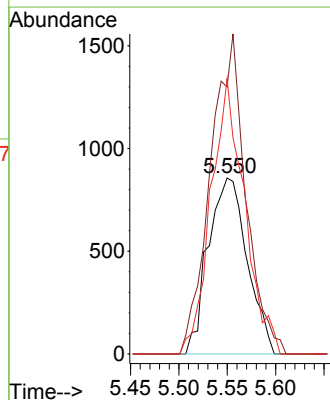
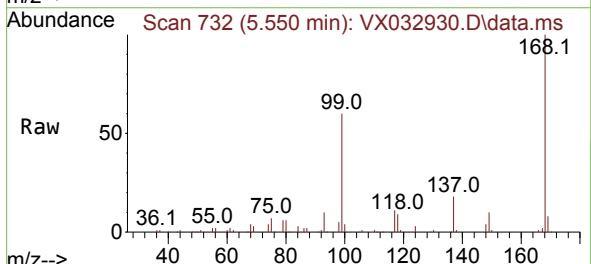
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115DL

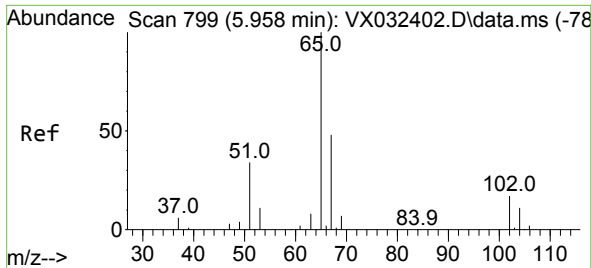
Tgt Ion:	84	Resp:	829
Ion	Ratio	Lower	Upper
84	100		
49	80.2	101.0	151.6#
51	26.3	31.1	46.7#
86	65.9	52.3	78.5



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion:	56	Resp:	2396
Ion	Ratio	Lower	Upper
56	100		
69	151.6	24.1	36.1#
84	156.4	66.9	100.3#

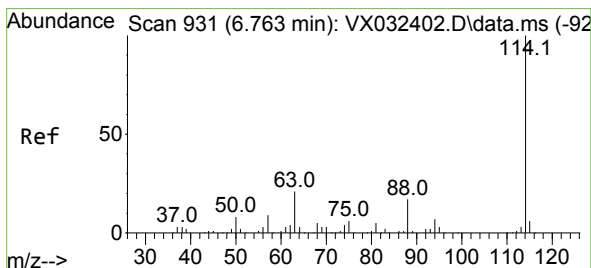
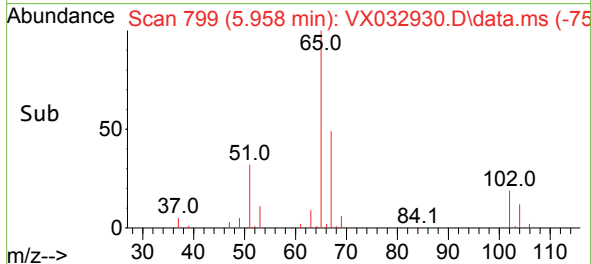
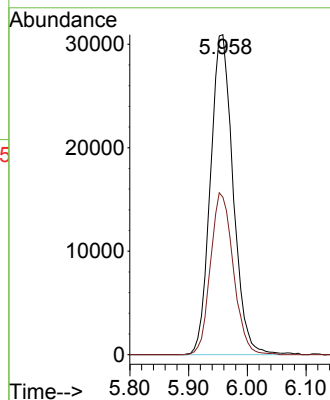
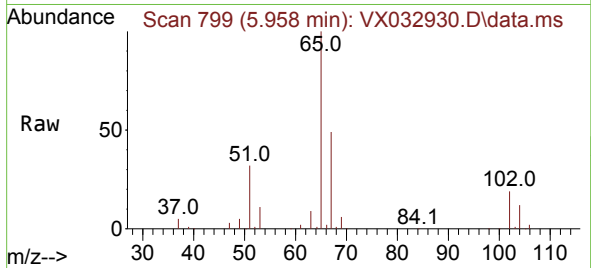




#33
1,2-Dichloroethane-d4
Concen: 51.672 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

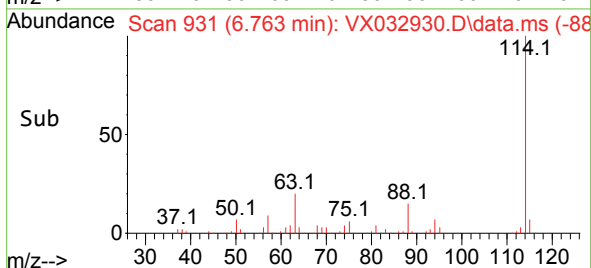
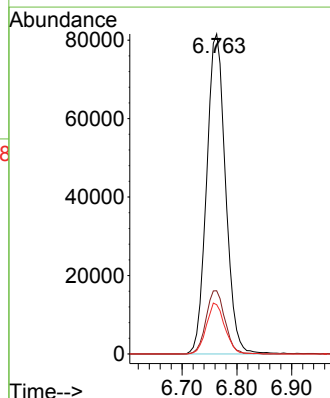
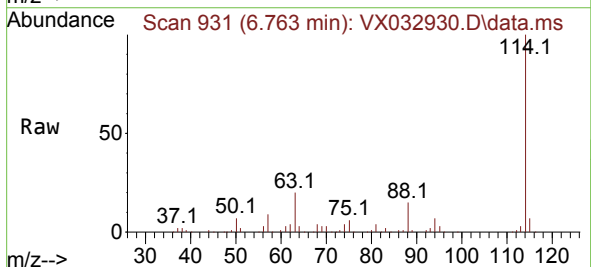
Instrument :
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ClientSampleId :
DUP04-20221115DL

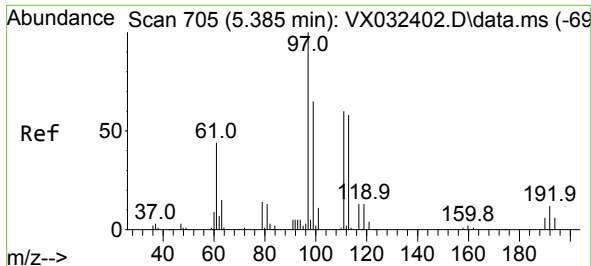
Tgt Ion: 65 Resp: 83010
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion: 114 Resp: 194810
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.4 0.0 33.4

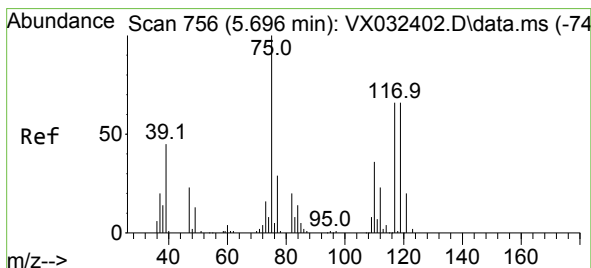
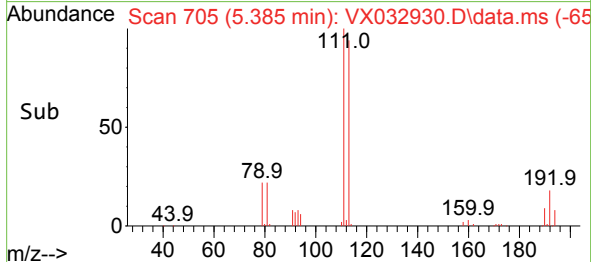
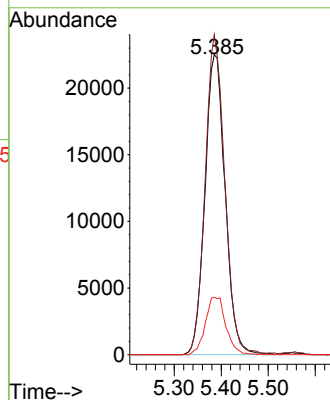
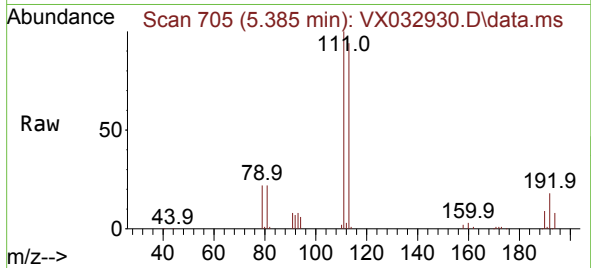




#35
Dibromofluoromethane
Concen: 48.350 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

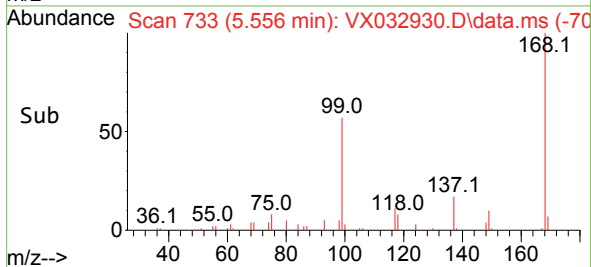
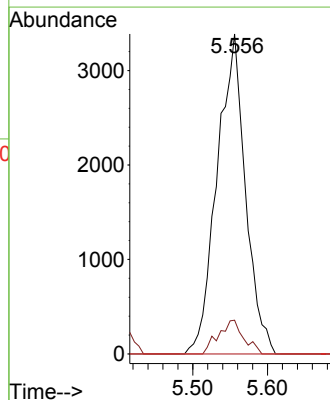
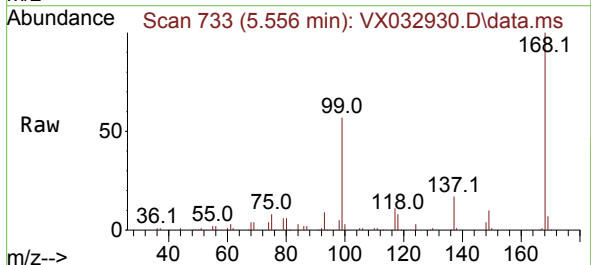
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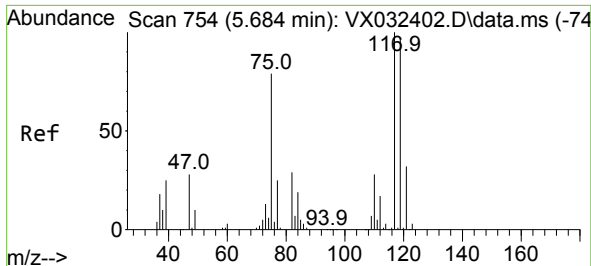
Tgt Ion:113 Resp: 67187
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

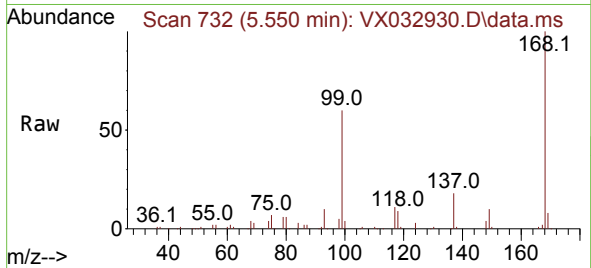
Tgt Ion: 75 Resp: 8951
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



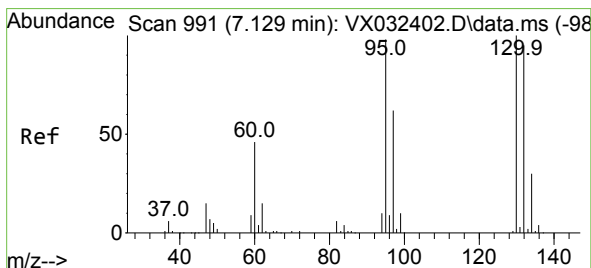
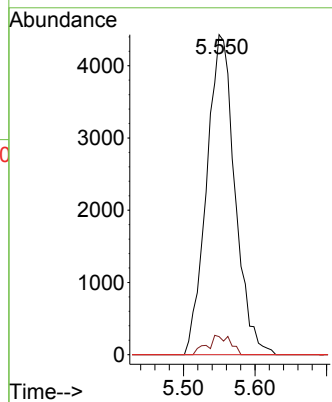
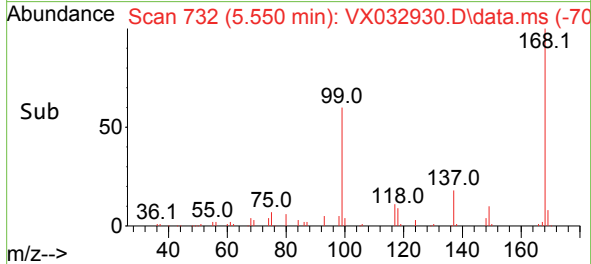


#38
Carbon Tetrachloride
Concen: 5.681 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Instrument :
MSVOA_X
ClientSampleId :
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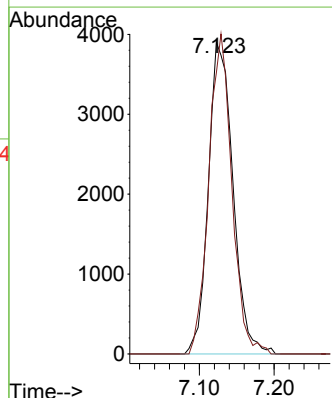
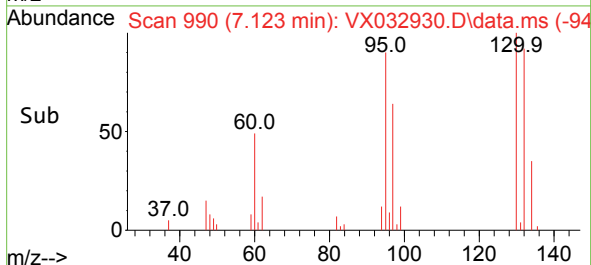
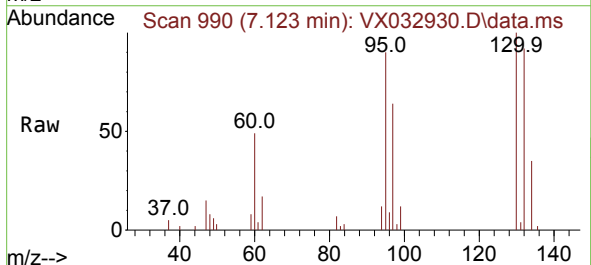


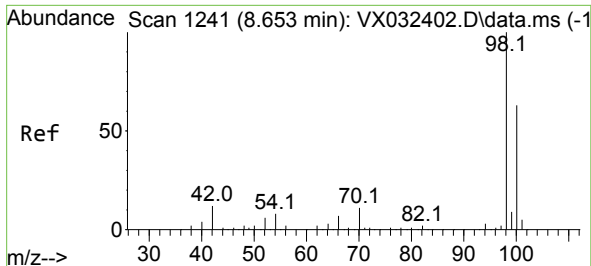
Tgt Ion:117 Resp: 12194
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 5.806 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion:130 Resp: 8950
Ion Ratio Lower Upper
130 100
95 90.2 0.0 195.2

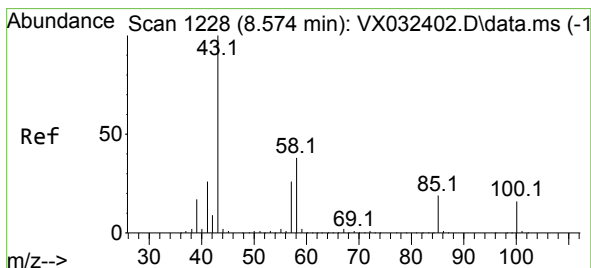
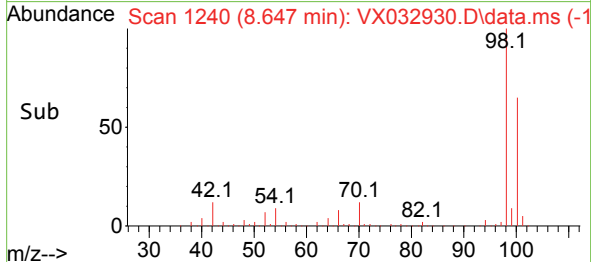
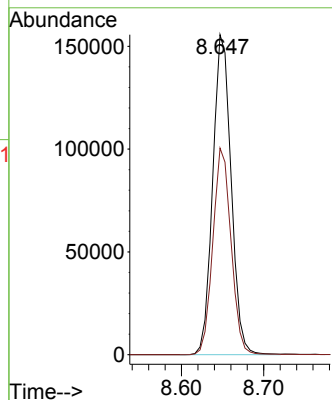
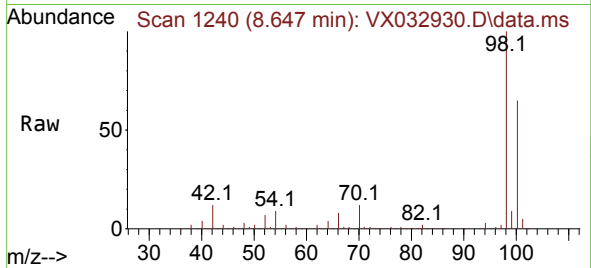




#50
Toluene-d8
Concen: 49.988 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

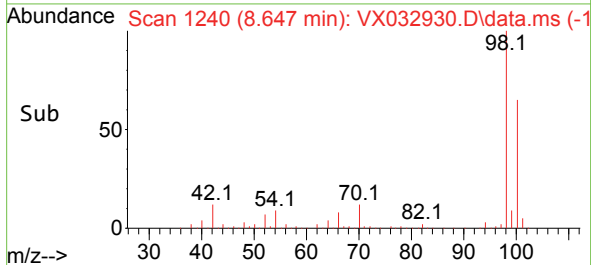
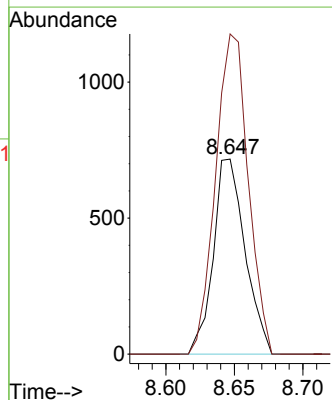
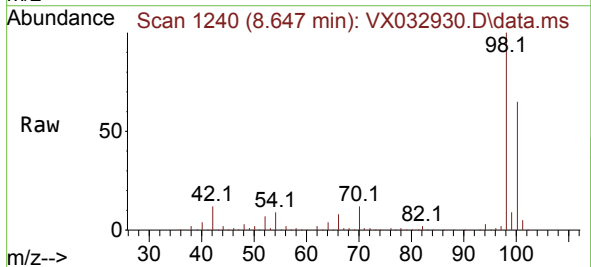
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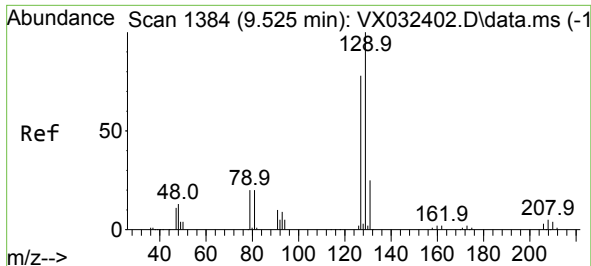
Tgt Ion: 98 Resp: 241539
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 169.0 30.9 46.3#

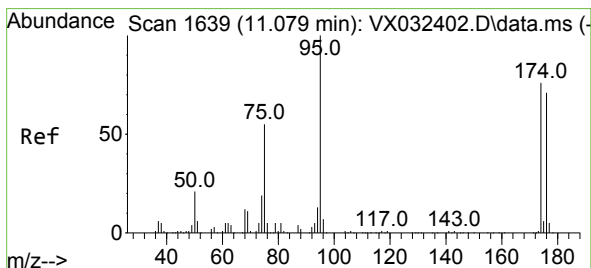
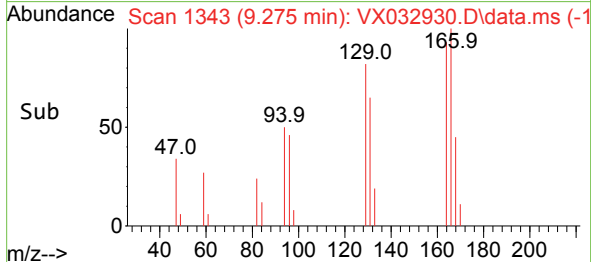
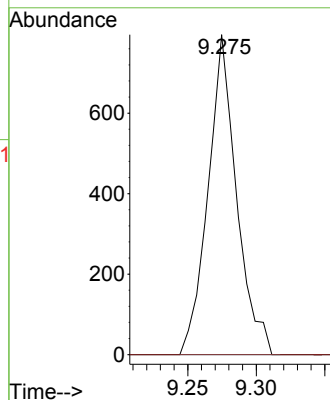
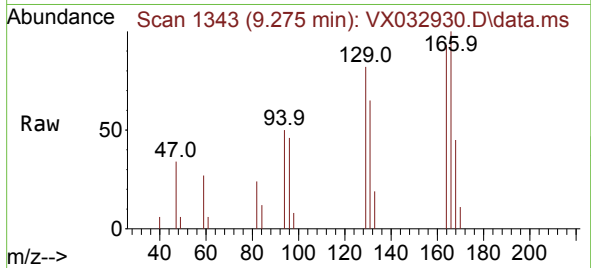




#60
Dibromochloromethane
Concen: 0.700 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

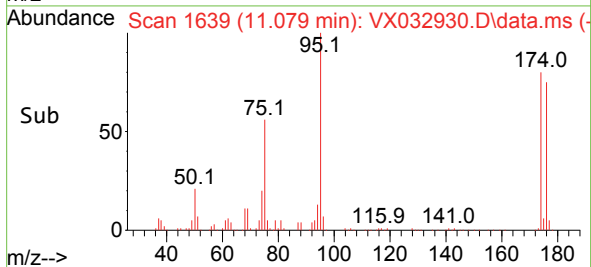
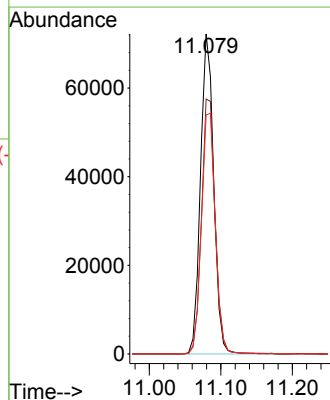
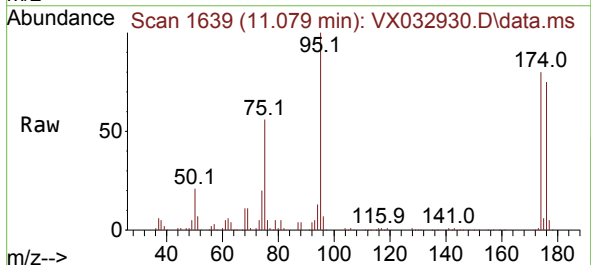
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115DL

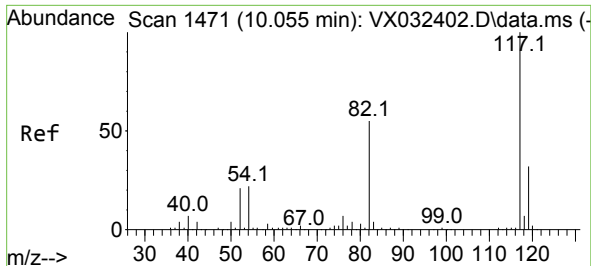
Tgt Ion:129 Resp: 1150
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 48.891 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion: 95 Resp: 92280
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 79.4 0.0 154.4

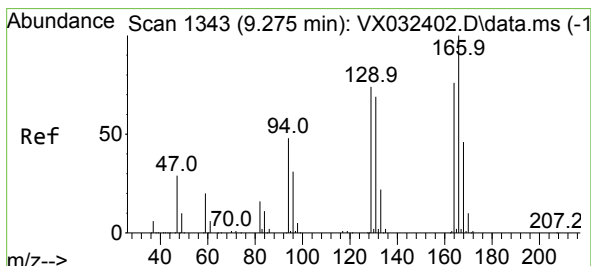
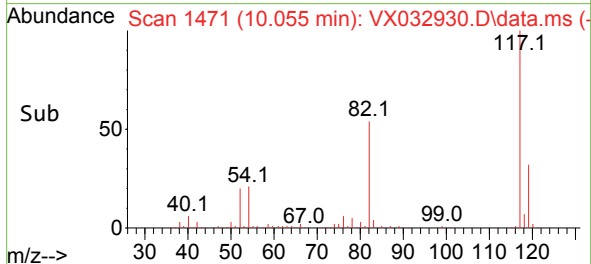
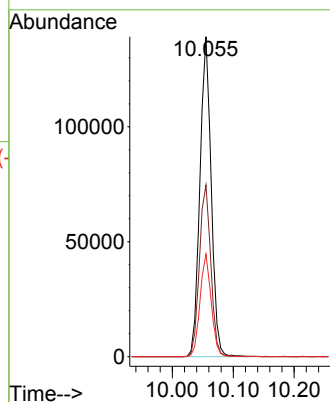
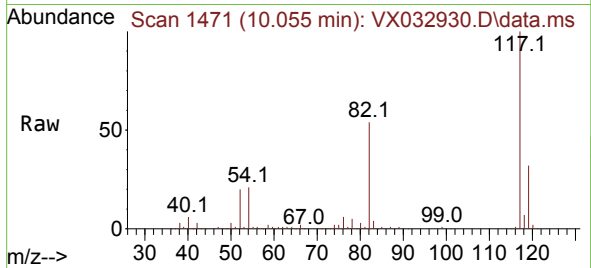




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

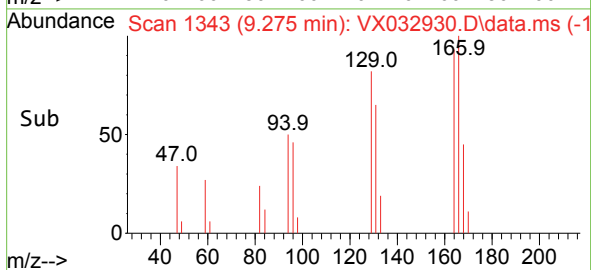
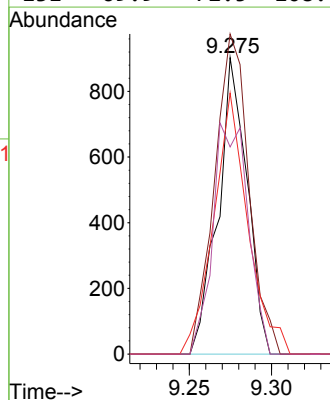
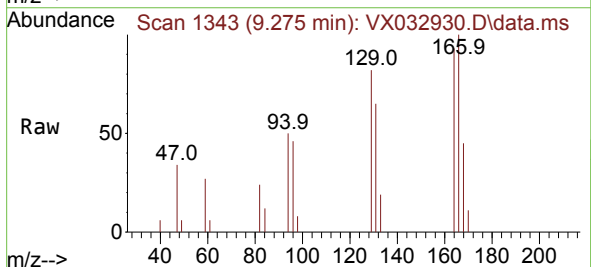
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115DL

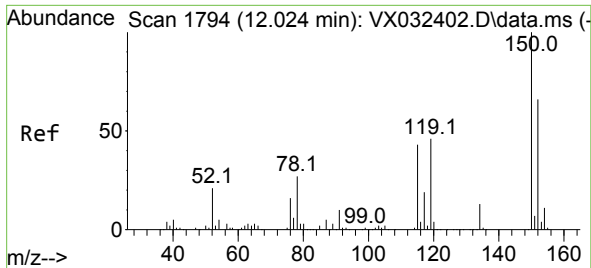
Tgt Ion:117 Resp: 178567
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 0.850 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion:164 Resp: 1111
Ion Ratio Lower Upper
164 100
166 108.0 105.4 158.2
129 88.0 78.2 117.2
131 69.9 72.5 108.7#

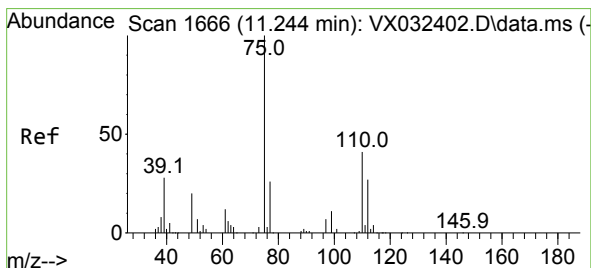
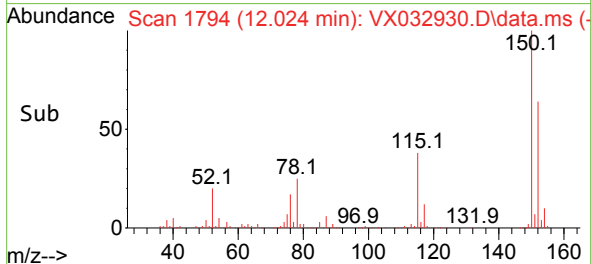
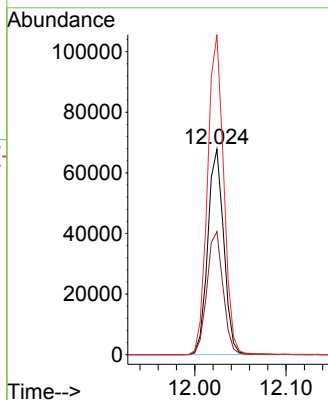
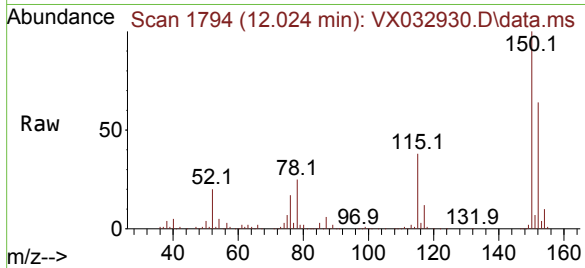




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

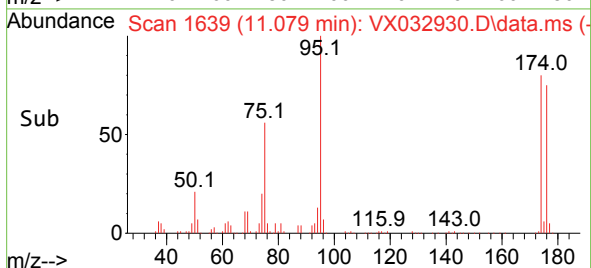
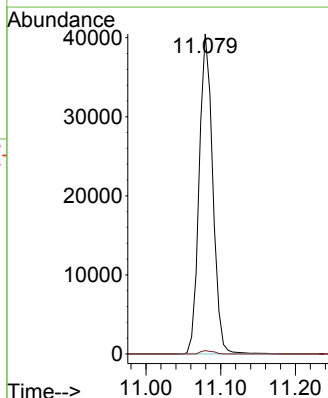
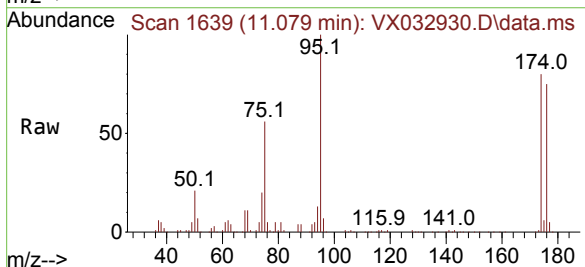
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20221115DL

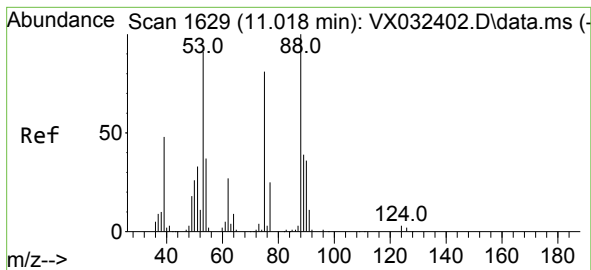
Tgt Ion:152 Resp: 82405
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 157.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.850 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032930.D
Acq: 18 Nov 2022 17:14

Tgt Ion: 75 Resp: 51058
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.620 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032930.D
 Acq: 18 Nov 2022 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20221115DL

Tgt Ion: 75 Resp: 51058
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

