

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028337.D
 Acq On : 25 Apr 2022 19:31
 Operator : JC/MD
 Sample : N2557-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PURGE-WATERDL

Quant Time: Apr 26 08:14:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

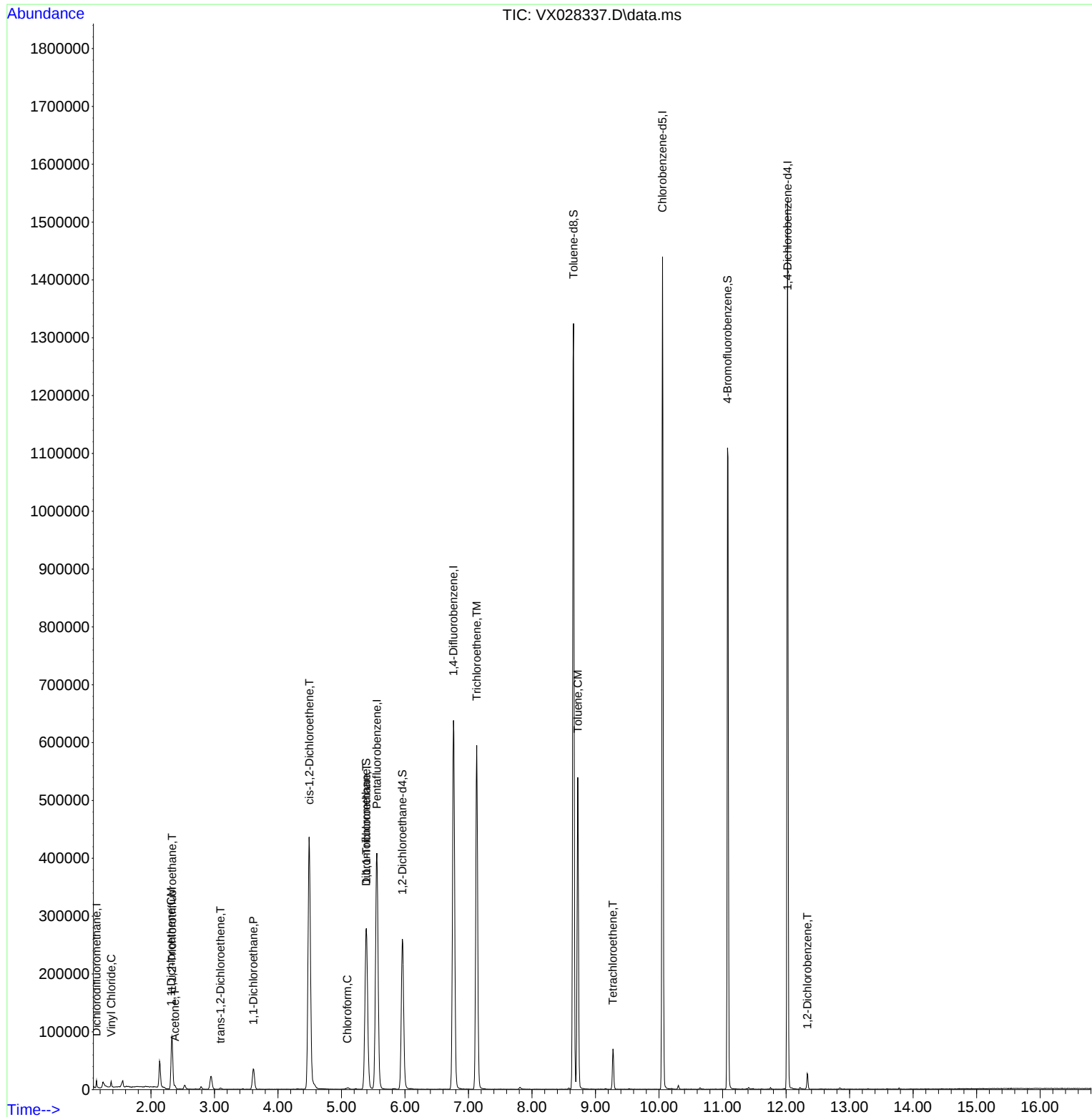
Internal Standards						
1) Pentafluorobenzene	5.556	168	400009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	692068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	658985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	312575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	244200	46.821	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	219803	45.288	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.580%
50) Toluene-d8	8.653	98	820757	44.030	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.060%
62) 4-Bromofluorobenzene	11.079	95	299132	41.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.142	85	871	0.337	ug/l	98
4) Vinyl Chloride	1.374	62	5283	1.310	ug/l #	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	29007	8.955	ug/l	94
12) 1,1-Dichloroethene	2.319	96	8149	2.651	ug/l	94
16) Acetone	2.380	43	6210	2.516	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	1036	0.248	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	37750	5.442	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	284109	56.992	ug/l	84
30) Chloroform	5.092	83	3143	0.377	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	27455	3.639	ug/l	97
44) Trichloroethene	7.129	130	229723	42.747	ug/l	99
52) Toluene	8.720	92	207443	16.112	ug/l	99
64) Tetrachloroethene	9.275	164	12892	2.505	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	8435	0.808	ug/l	97

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

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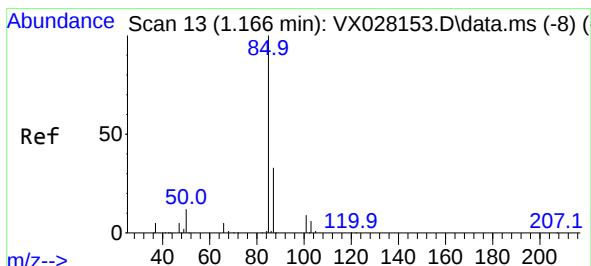
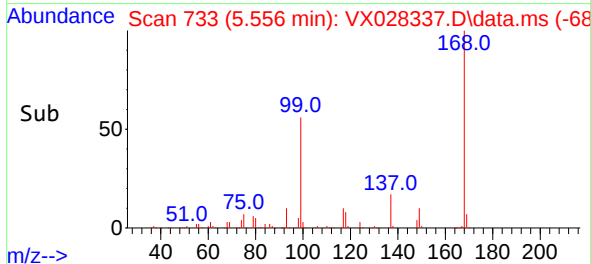
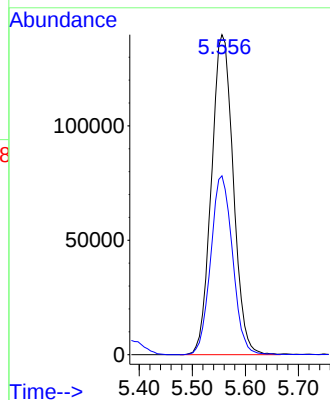
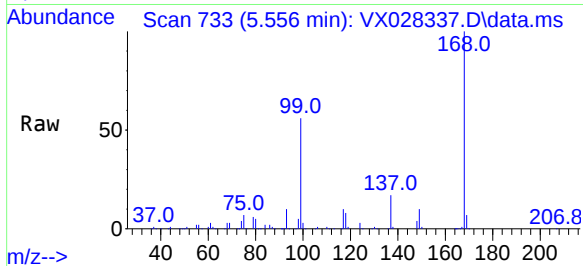




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

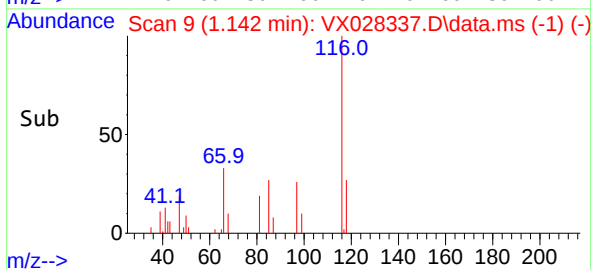
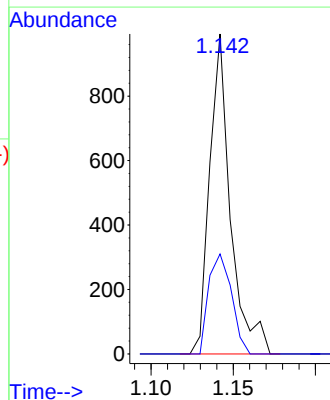
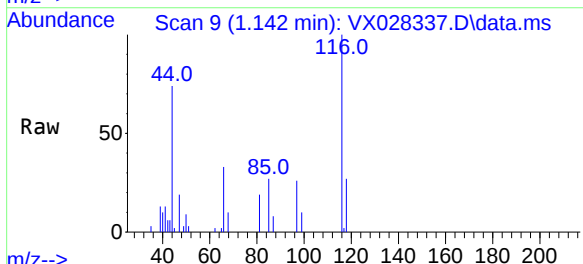
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATERDL

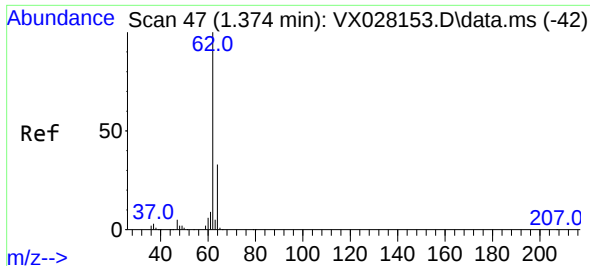
Tgt Ion:168 Resp: 400009
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.337 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

Tgt Ion: 85 Resp: 871
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6

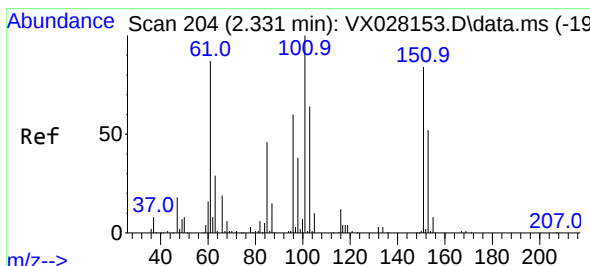
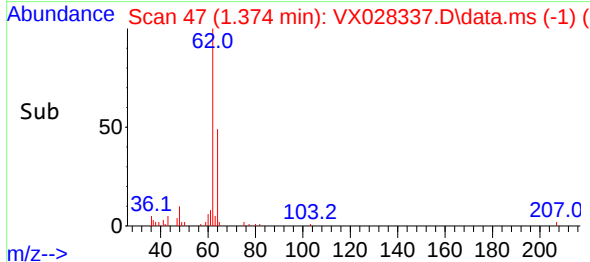
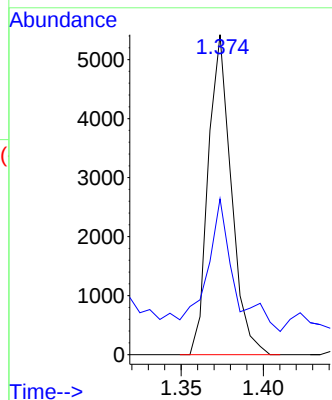
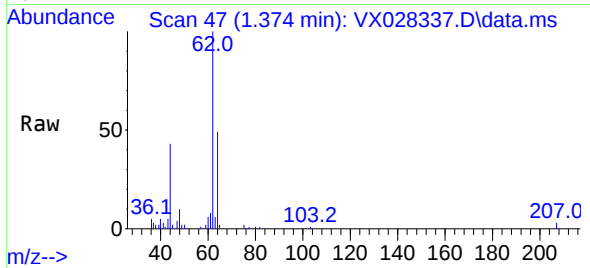




#4
 Vinyl Chloride
 Concen: 1.310 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX028337.D
 Acq: 25 Apr 2022 19:31

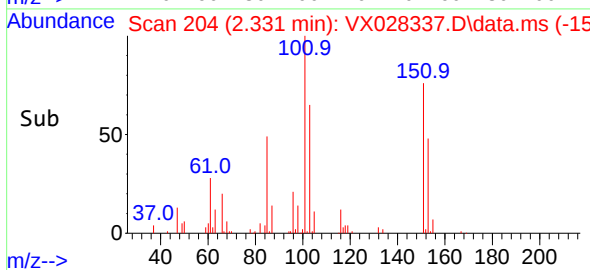
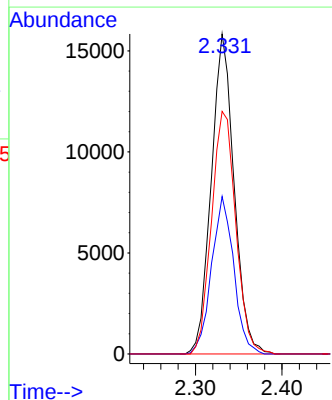
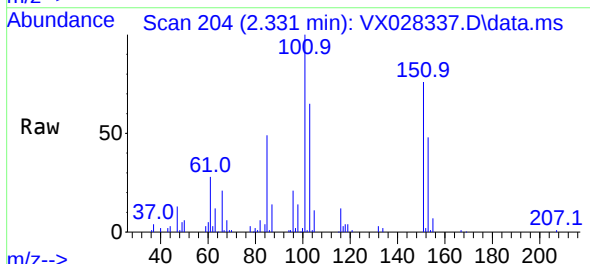
Instrument :
 MSVOA_X
 ClientSampleId :
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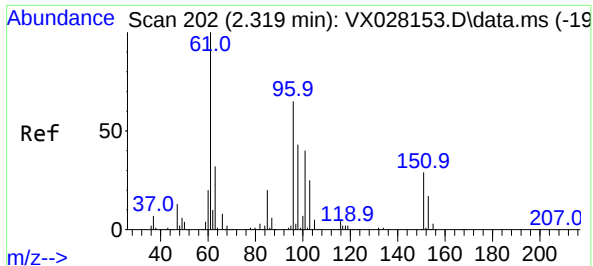
Tgt Ion: 62 Resp: 5283
 Ion Ratio Lower Upper
 62 100
 64 41.4 25.5 38.3#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.955 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX028337.D
 Acq: 25 Apr 2022 19:31

Tgt Ion: 101 Resp: 29007
 Ion Ratio Lower Upper
 101 100
 85 47.8 33.5 50.3
 151 80.6 61.8 92.6

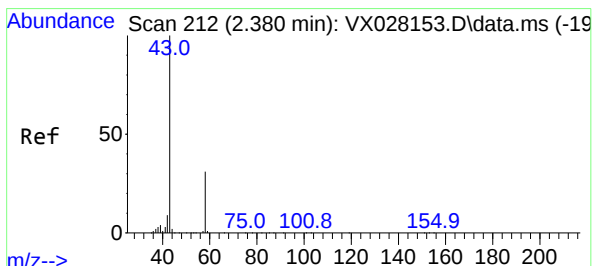
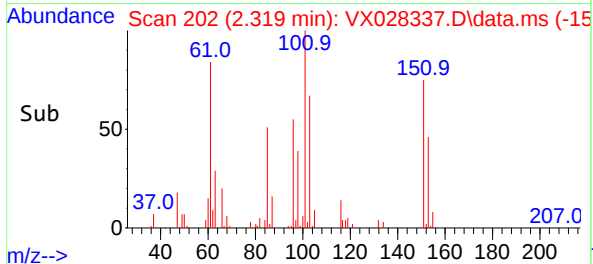
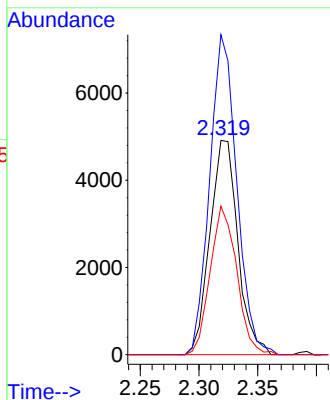
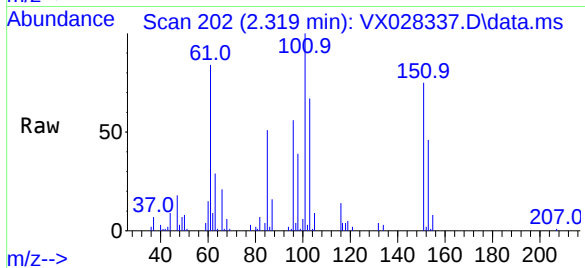




#12
1,1-Dichloroethene
Concen: 2.651 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

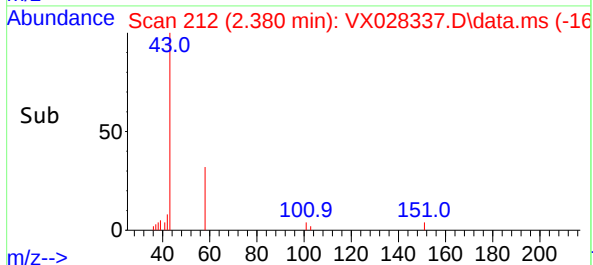
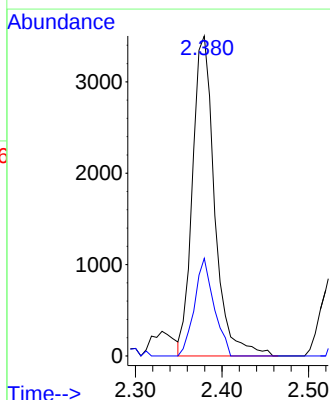
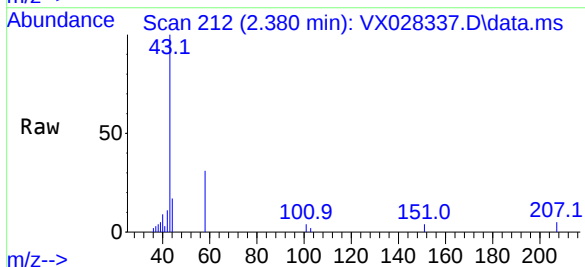
Instrument :
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ClientSampleId :
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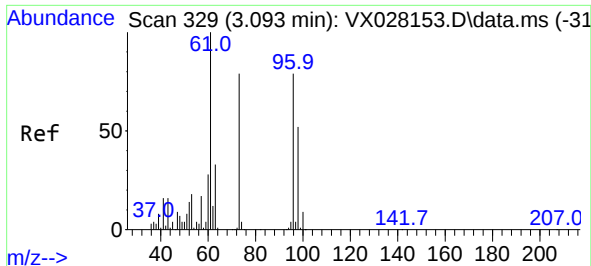
Tgt Ion: 96 Resp: 8149
Ion Ratio Lower Upper
96 100
61 149.4 124.6 187.0
98 69.3 51.0 76.4



#16
Acetone
Concen: 2.516 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

Tgt Ion: 43 Resp: 6210
Ion Ratio Lower Upper
43 100
58 30.5 28.8 43.2

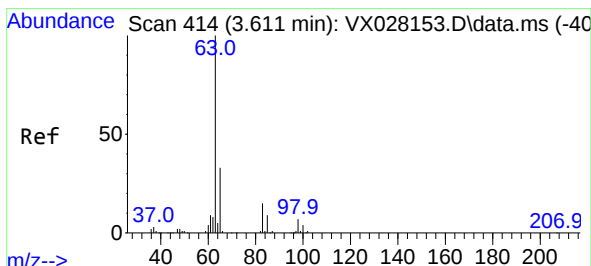
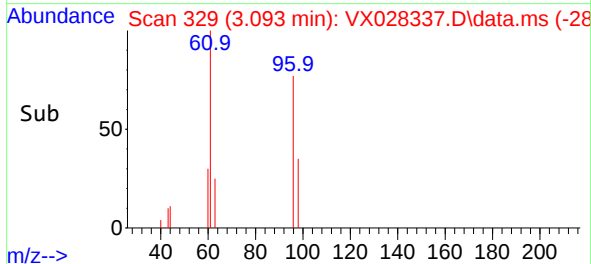
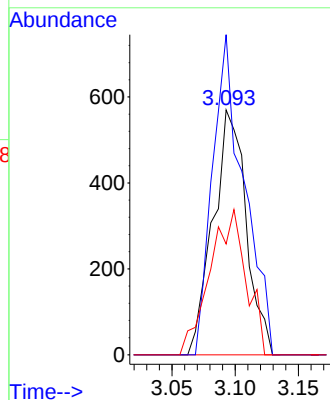
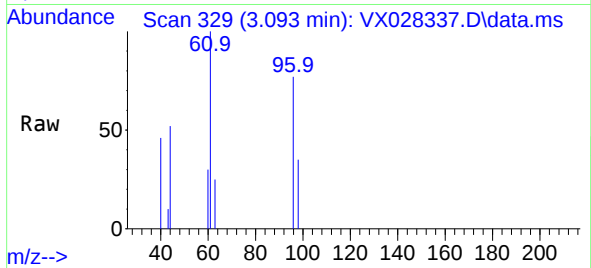




#21
trans-1,2-Dichloroethene
Concen: 0.248 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

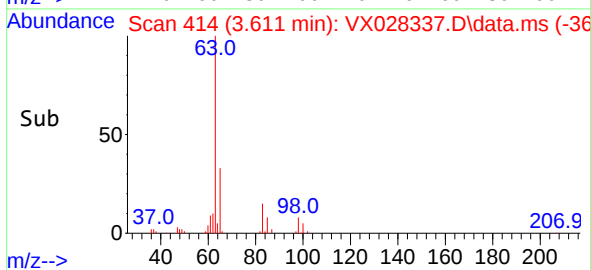
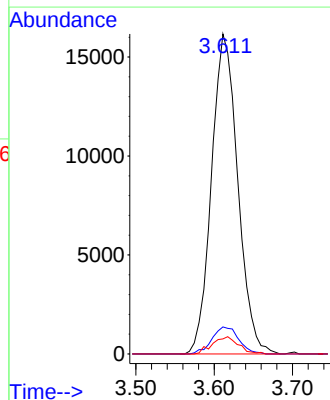
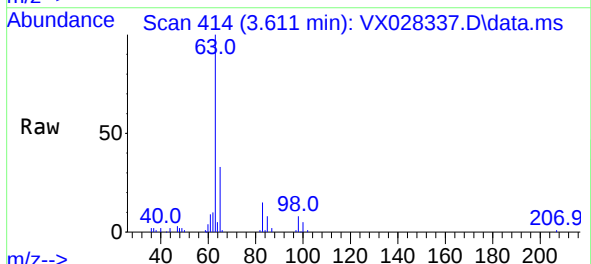
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATERDL

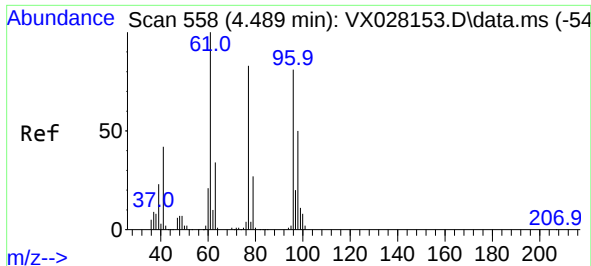
Tgt Ion: 96 Resp: 1036
Ion Ratio Lower Upper
96 100
61 130.7 105.4 158.2
98 45.3 50.0 75.0#



#24
1,1-Dichloroethane
Concen: 5.442 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

Tgt Ion: 63 Resp: 37750
Ion Ratio Lower Upper
63 100
98 8.4 3.9 11.7
100 4.7 2.4 7.2

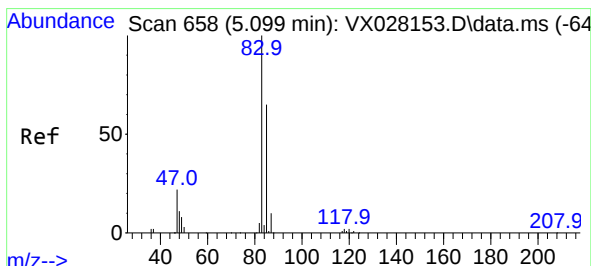
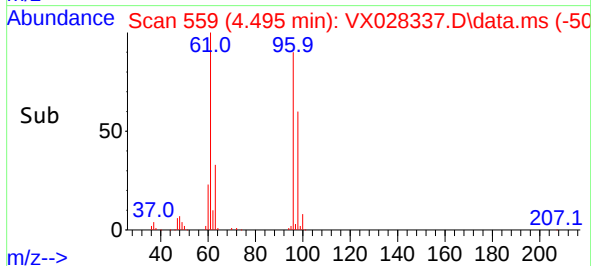
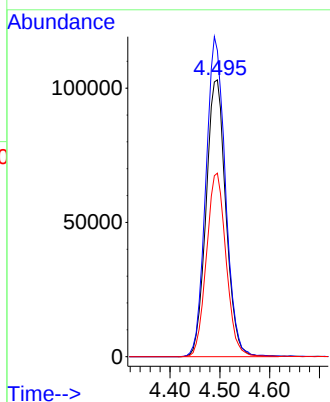
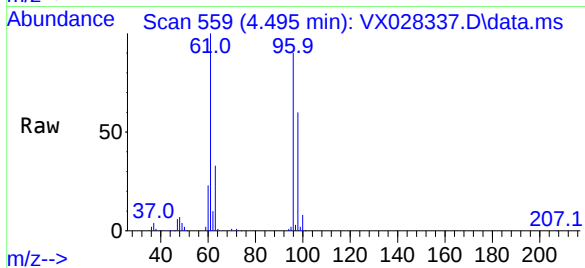




#27
cis-1,2-Dichloroethene
Concen: 56.992 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

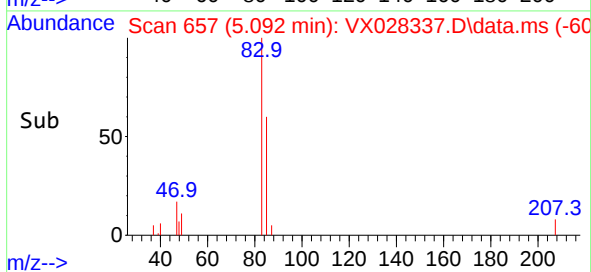
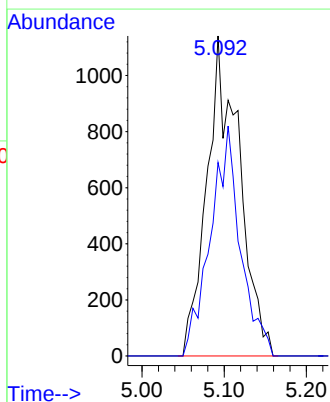
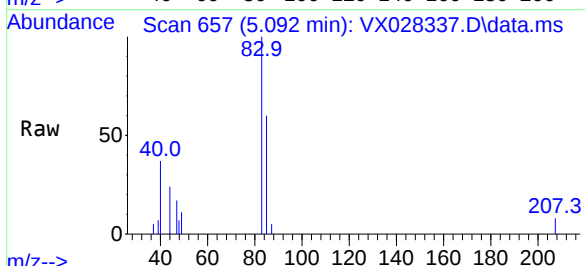
Instrument :
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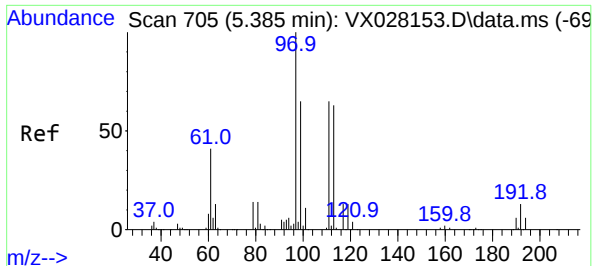
Tgt Ion: 96 Resp: 284109
Ion Ratio Lower Upper
96 100
61 113.9 0.0 283.8
98 65.8 0.0 129.8



#30
Chloroform
Concen: 0.377 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.007 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

Tgt Ion: 83 Resp: 3143
Ion Ratio Lower Upper
83 100
85 60.5 52.7 79.1

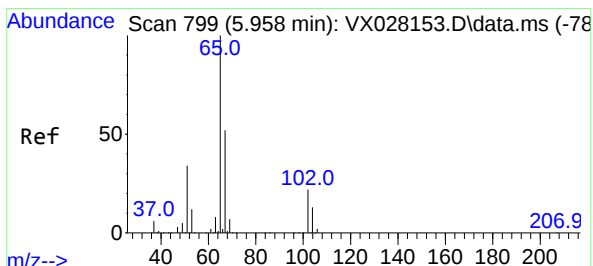
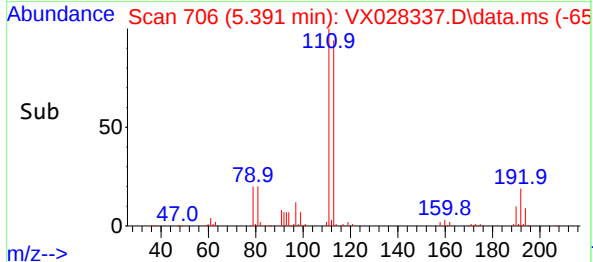
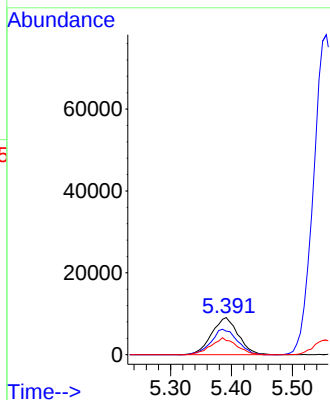
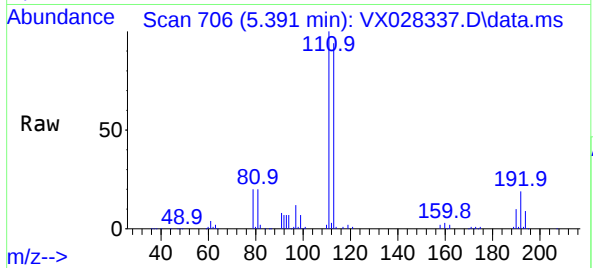




#32
1,1,1-Trichloroethane
Concen: 3.639 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

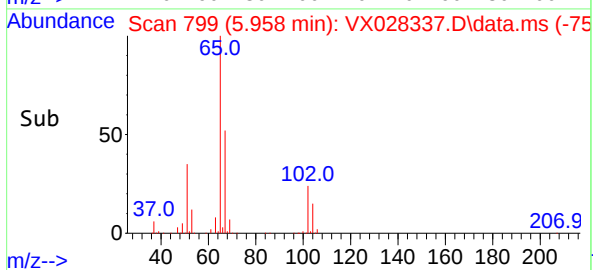
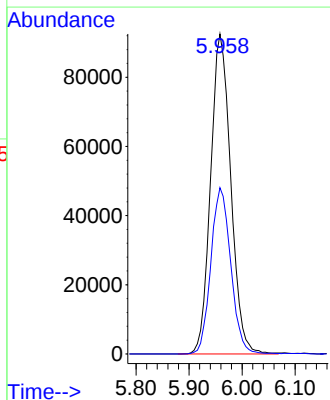
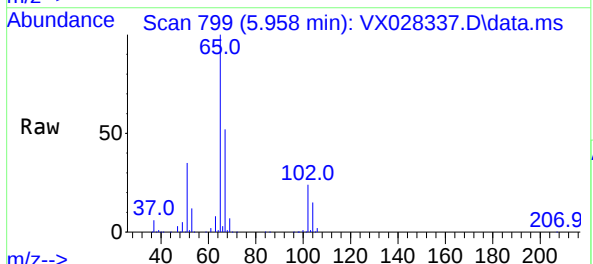
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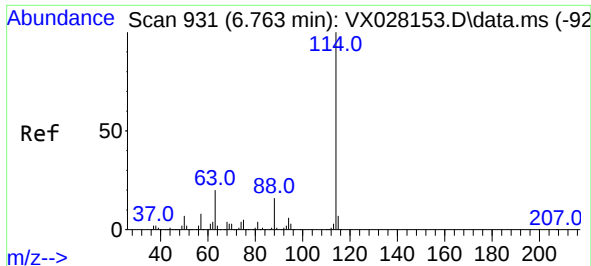
Tgt Ion: 97 Resp: 27455
Ion Ratio Lower Upper
97 100
99 67.5 51.8 77.6
61 43.5 34.0 51.0



#33
1,2-Dichloroethane-d4
Concen: 46.821 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

Tgt Ion: 65 Resp: 244200
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

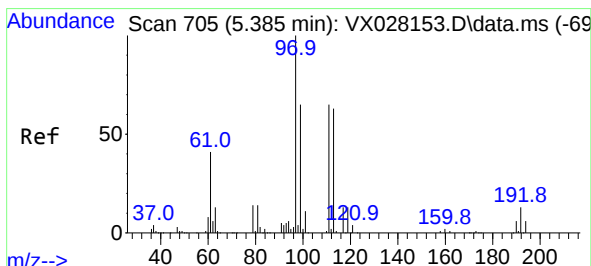
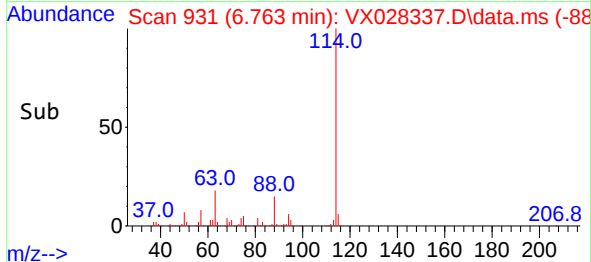
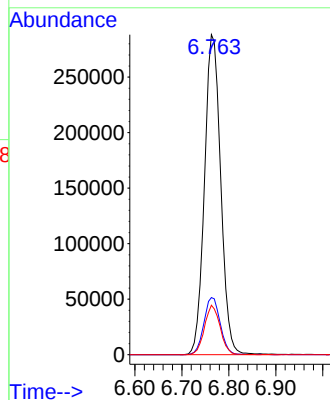
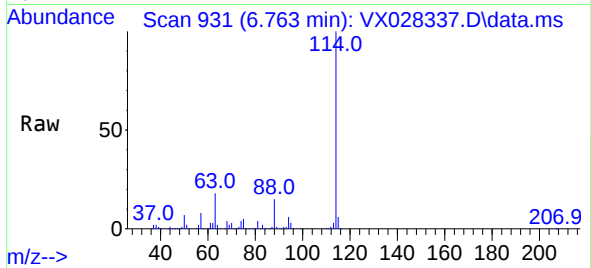




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

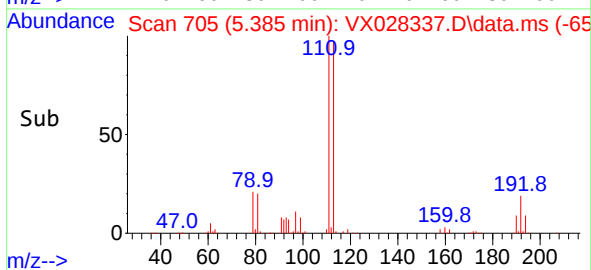
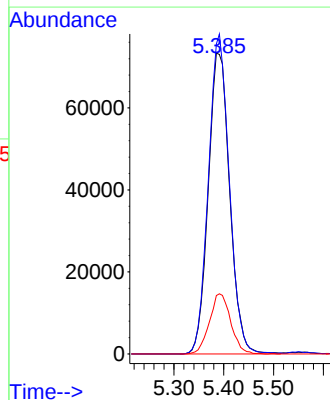
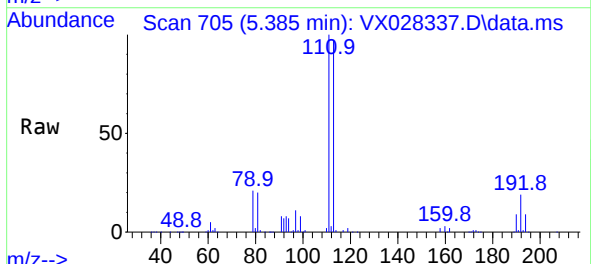
Instrument :
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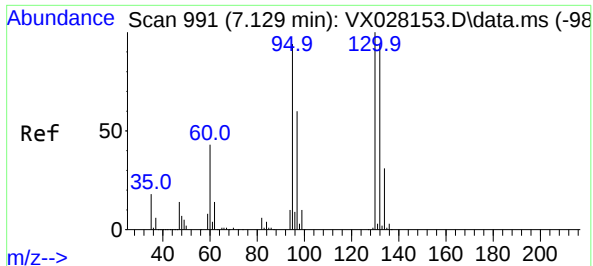
Tgt Ion:114 Resp: 692068
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.288 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

Tgt Ion:113 Resp: 219803
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 19.8 16.9 25.3

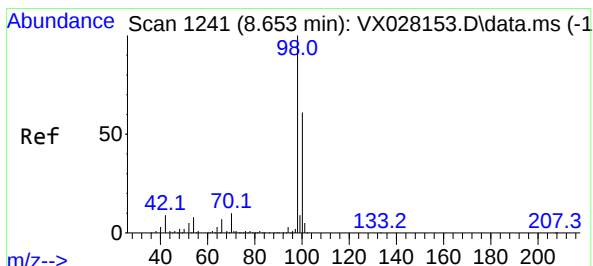
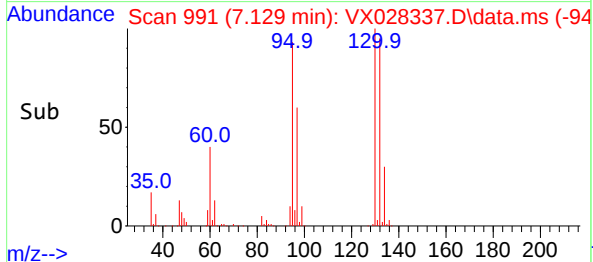
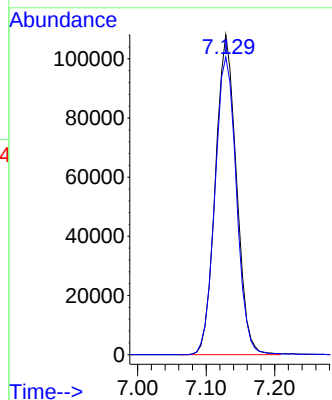
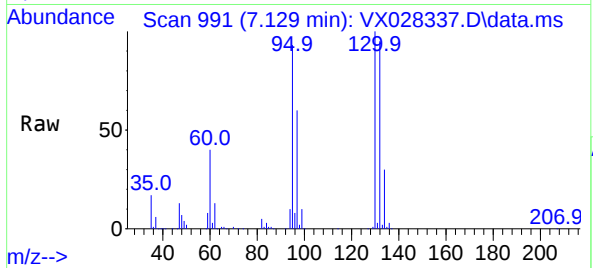




#44
Trichloroethene
Concen: 42.747 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

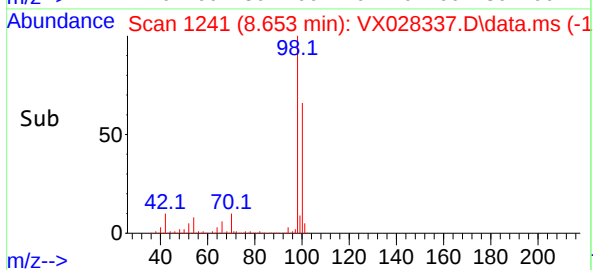
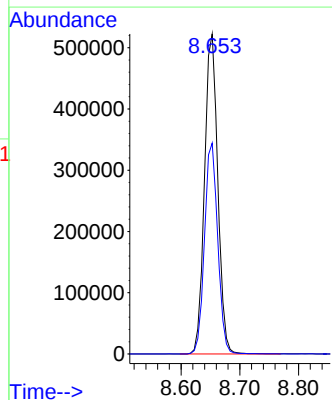
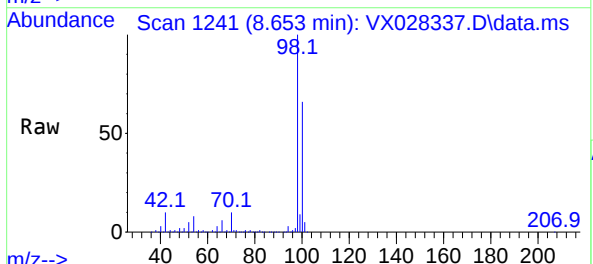
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATERDL

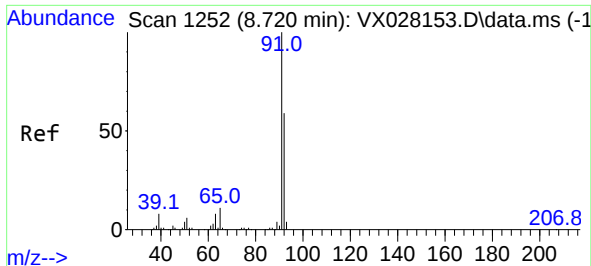
Tgt Ion:130 Resp: 229723
Ion Ratio Lower Upper
130 100
95 93.0 0.0 188.8



#50
Toluene-d8
Concen: 44.030 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

Tgt Ion: 98 Resp: 820757
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

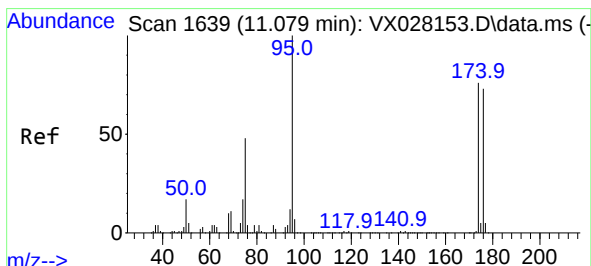
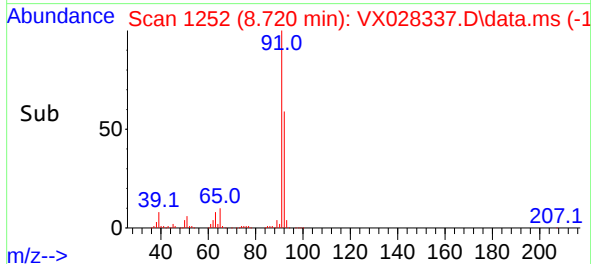
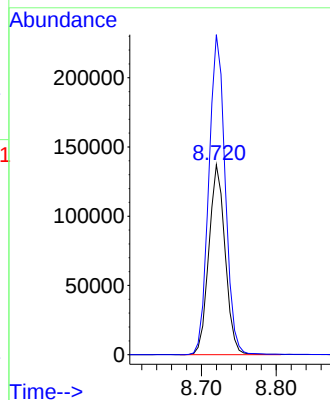
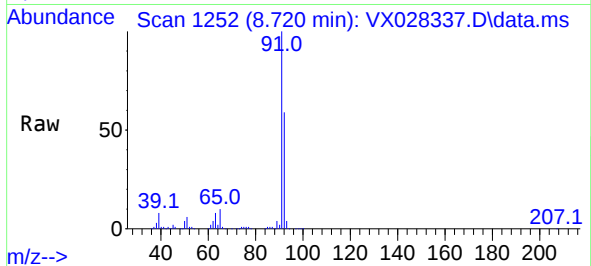




#52
Toluene
Concen: 16.112 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

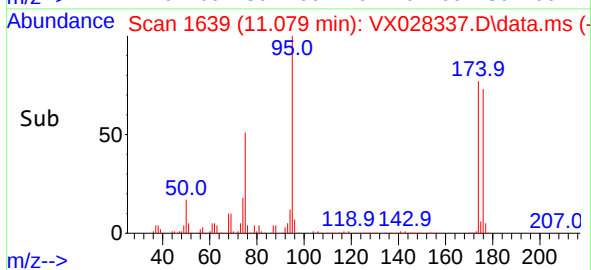
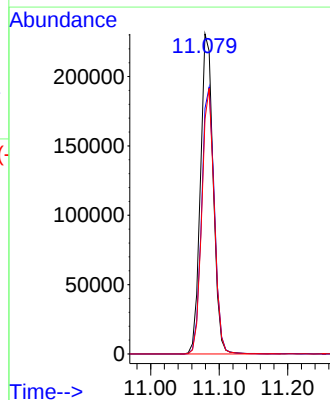
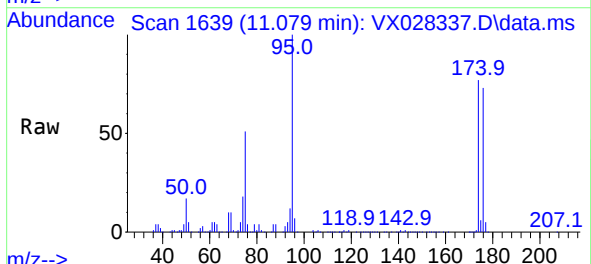
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATERDL

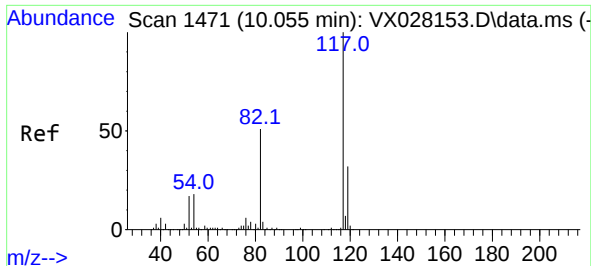
Tgt Ion: 92 Resp: 207443
Ion Ratio Lower Upper
92 100
91 170.0 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 41.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

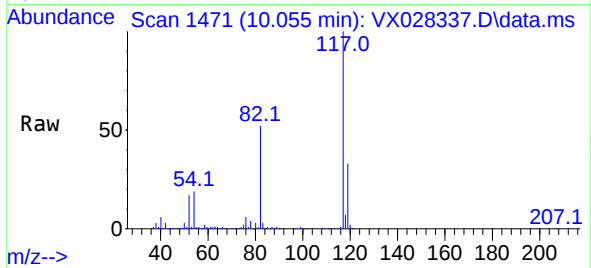
Tgt Ion: 95 Resp: 299132
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 80.9 0.0 155.0



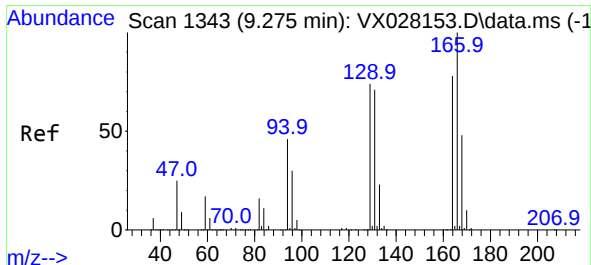
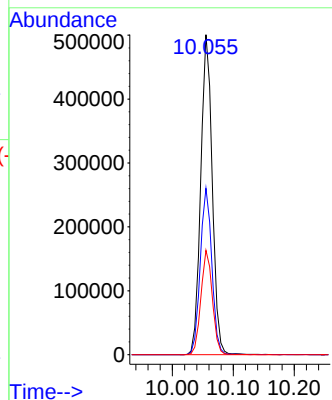
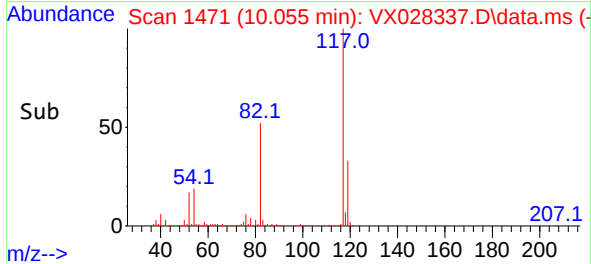


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

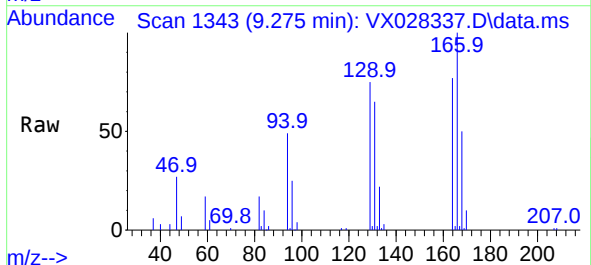
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATERDL



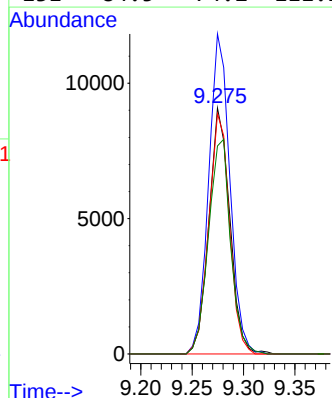
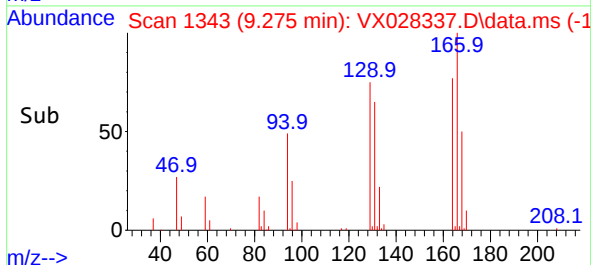
Tgt Ion:117 Resp: 658985
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.6 24.8 37.2

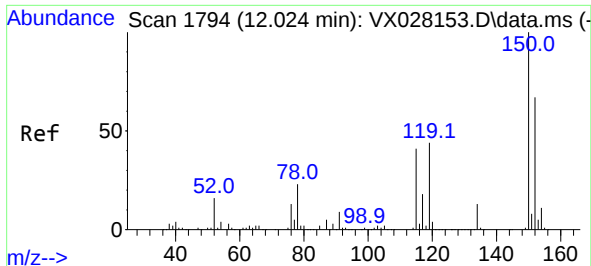


#64
Tetrachloroethene
Concen: 2.505 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31



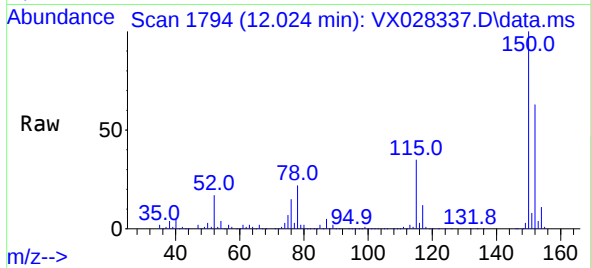
Tgt Ion:164 Resp: 12892
Ion Ratio Lower Upper
164 100
166 130.1 101.2 151.8
129 97.7 73.0 109.4
131 84.5 74.2 111.2



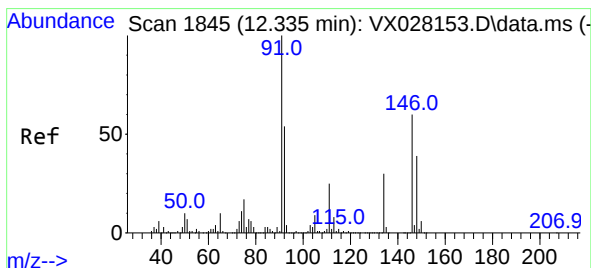
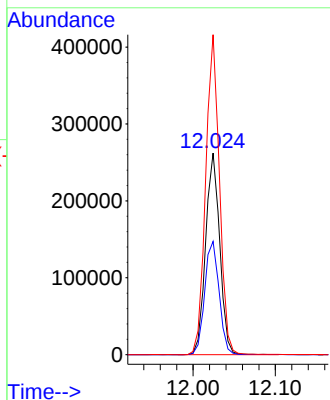
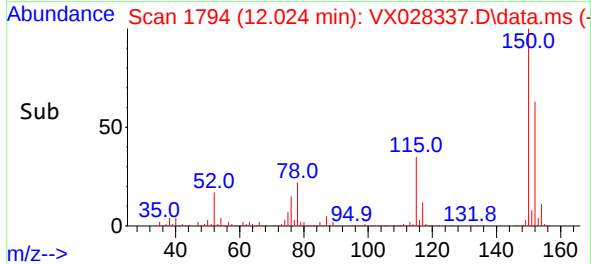


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31

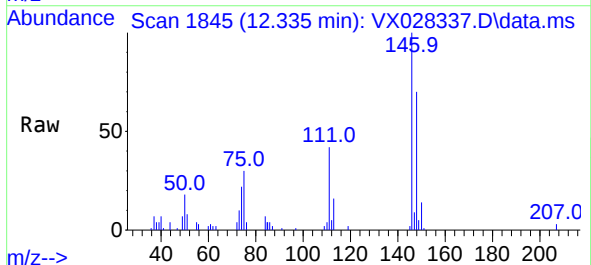
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATERDL



Tgt Ion:152 Resp: 312575
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 155.2 0.0 338.2



#91
1,2-Dichlorobenzene
Concen: 0.808 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028337.D
Acq: 25 Apr 2022 19:31



Tgt Ion:146 Resp: 8435
Ion Ratio Lower Upper
146 100
111 42.6 21.0 63.0
148 68.0 32.6 97.7

