

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027615.D
 Acq On : 22 Mar 2022 15:29
 Operator : JC/MD
 Sample : N2026-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Mar 23 01:47:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

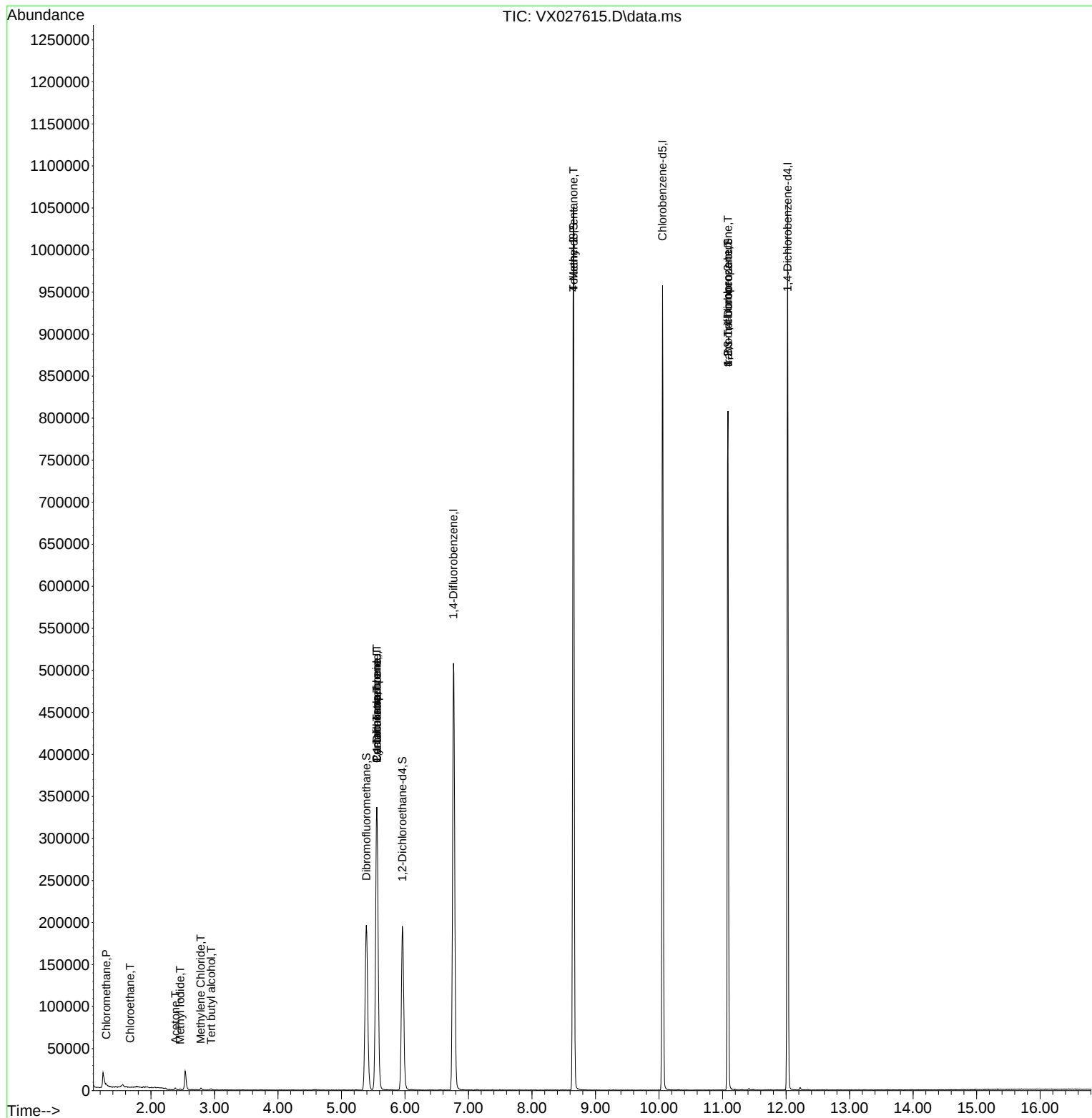
Internal Standards						
1) Pentafluorobenzene	5.556	168	343990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	557672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185738	43.831	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.660%
35) Dibromofluoromethane	5.391	113	176703	49.249	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.500%
50) Toluene-d8	8.653	98	647087	47.660	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.320%
62) 4-Bromofluorobenzene	11.085	95	223042	44.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	649	0.221	ug/l	94
5) Bromomethane	1.611	94	770	Below Cal		97
6) Chloroethane	1.672	64	484	0.233	ug/l	90
10) Methyl Iodide	2.458	142	1211	0.275	ug/l	94
11) Tert butyl alcohol	2.946	59	812	1.005	ug/l #	72
16) Acetone	2.385	43	2474	1.432	ug/l #	84
20) Methylene Chloride	2.782	84	1000	0.269	ug/l #	86
31) Cyclohexane	5.556	56	5420	1.030	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22024	4.492	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33040	5.890	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	2384	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	104846	22.570	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	104846	68.546	ug/l #	15

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

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STORAGE-BLANK-REF-4

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QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

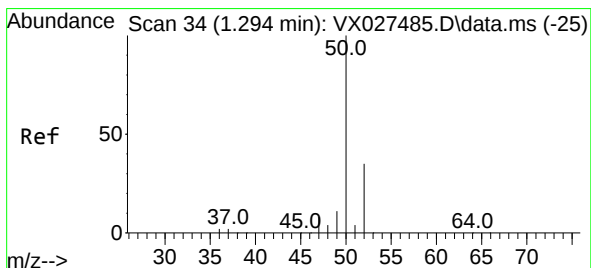
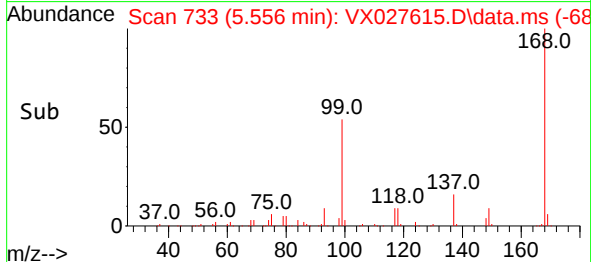
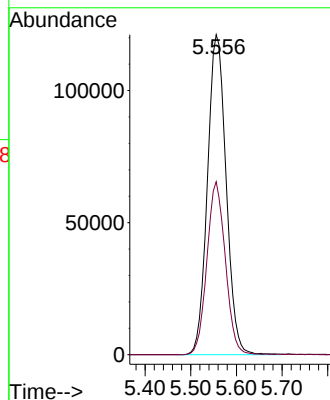
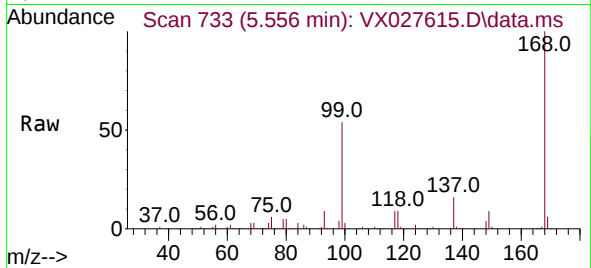




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

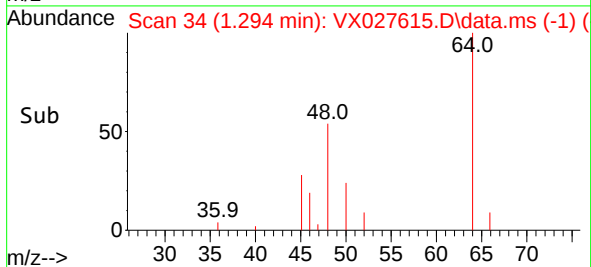
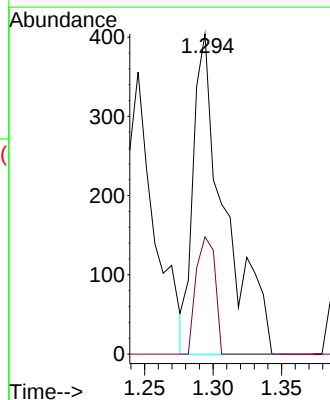
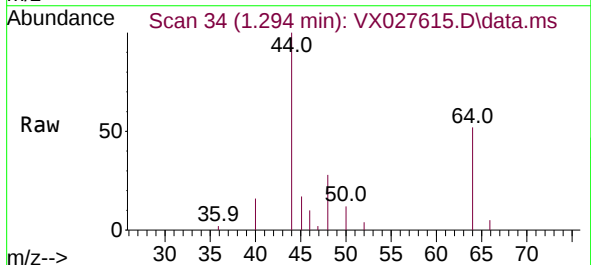
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

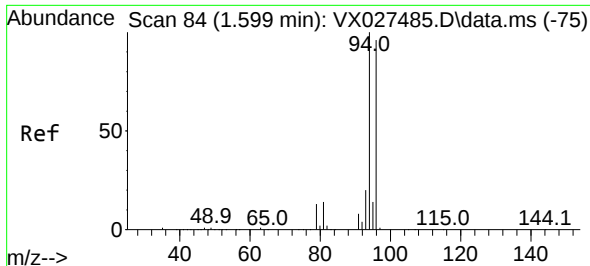
Tgt Ion:168 Resp: 343990
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 36.6 26.4 39.6

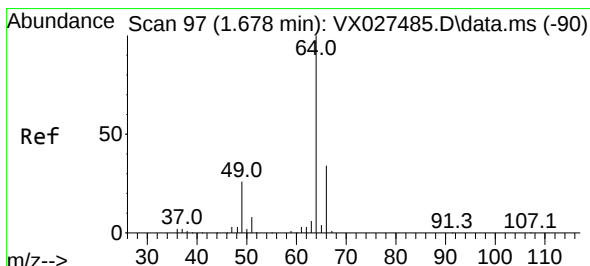
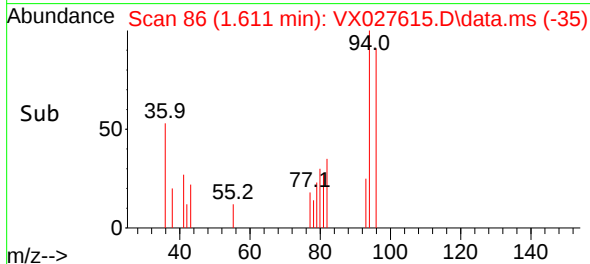
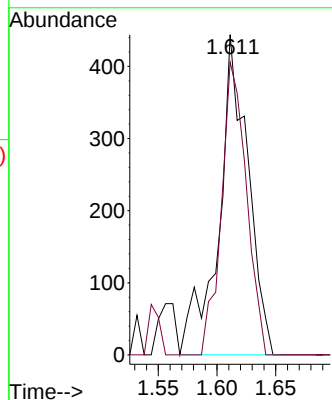
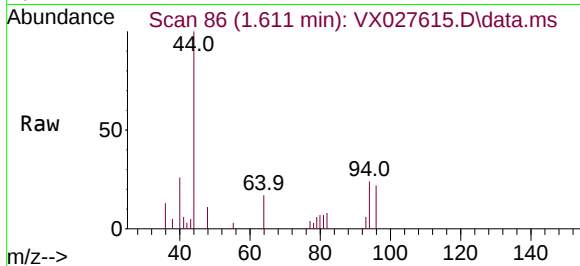




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

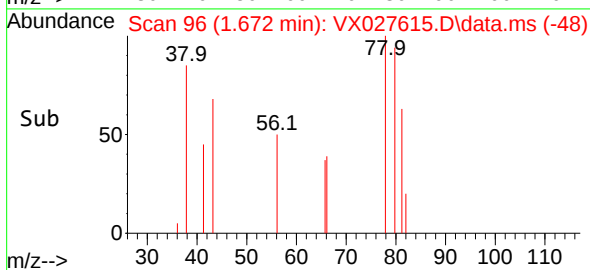
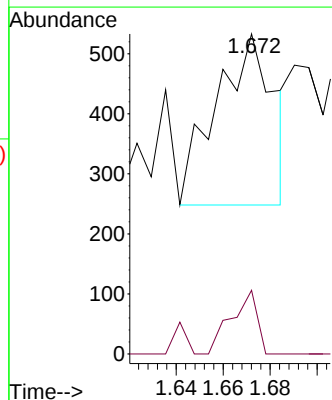
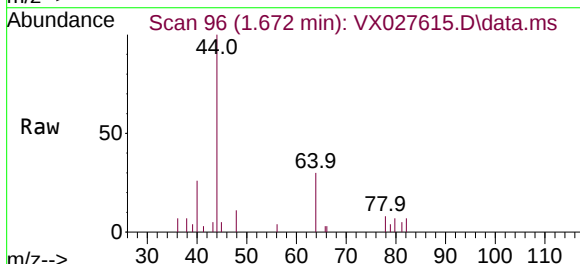
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

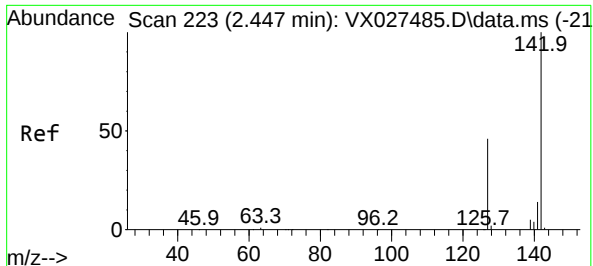
Tgt Ion: 94 Resp: 770
Ion Ratio Lower Upper
94 100
96 91.4 75.3 112.9



#6
Chloroethane
Concen: 0.233 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 64 Resp: 484
Ion Ratio Lower Upper
64 100
66 37.2 25.3 37.9

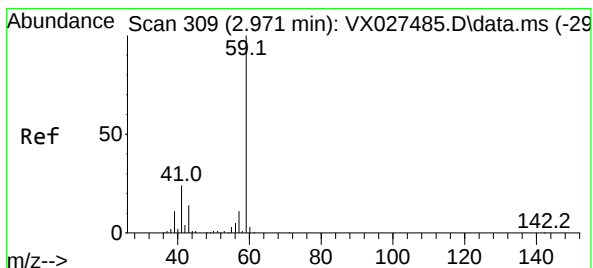
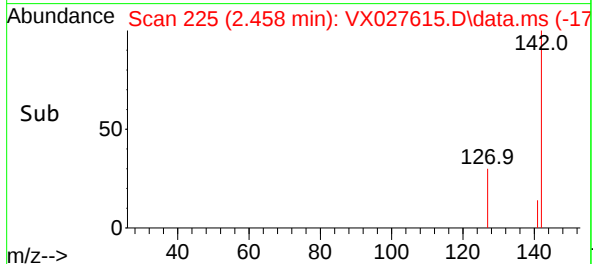
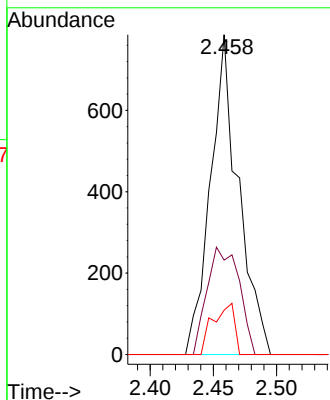
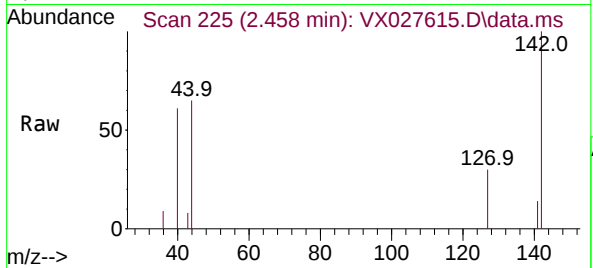




#10
Methyl Iodide
Concen: 0.275 ug/l
RT: 2.458 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

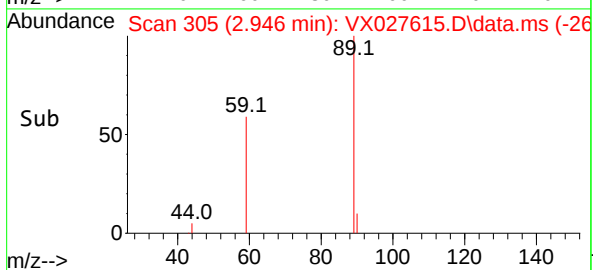
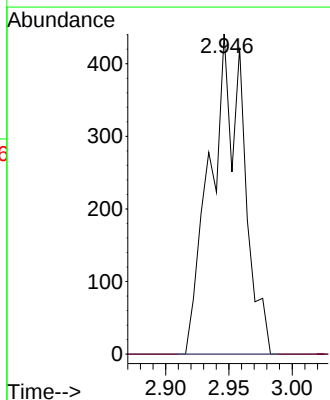
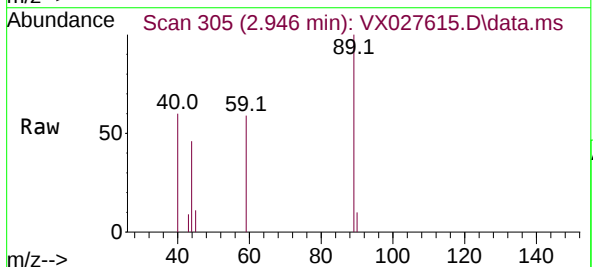
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

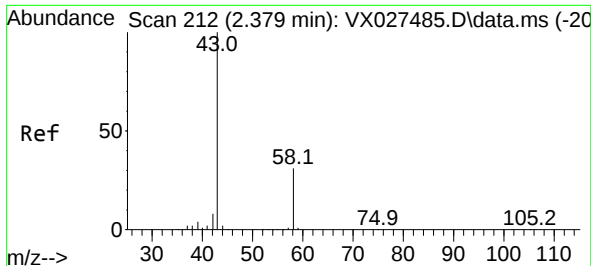
Tgt Ion:142 Resp: 1211
Ion Ratio Lower Upper
142 100
127 38.3 33.9 50.9
141 12.2 11.4 17.2



#11
Tert butyl alcohol
Concen: 1.005 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 59 Resp: 812
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

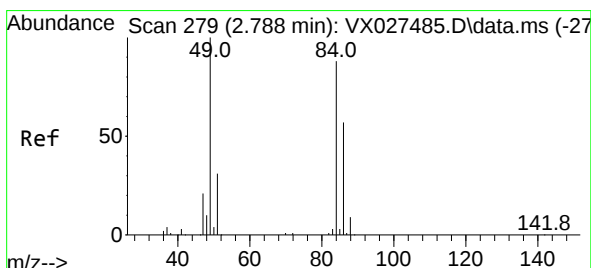
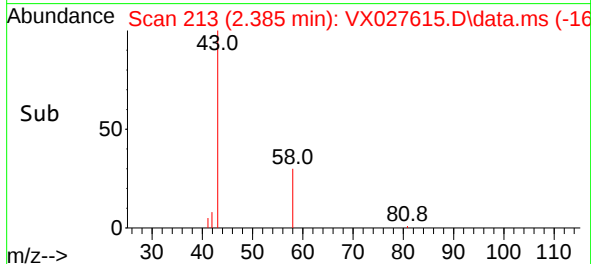
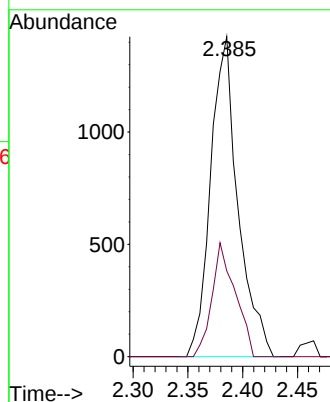
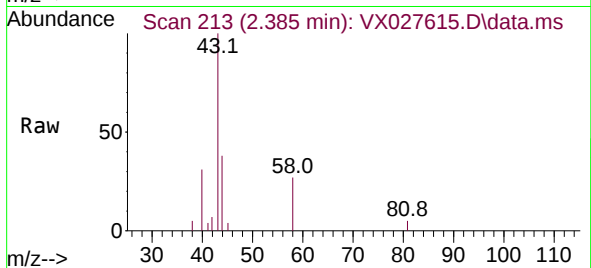




#16
Acetone
Concen: 1.432 ug/l
RT: 2.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

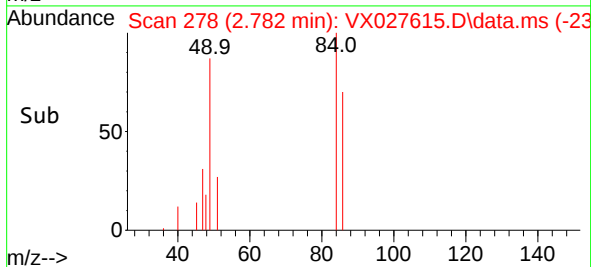
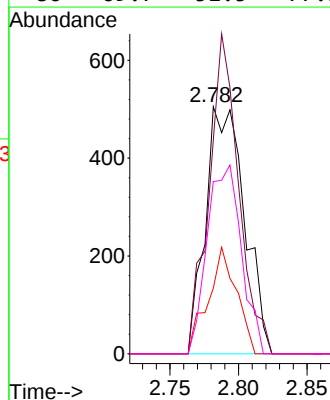
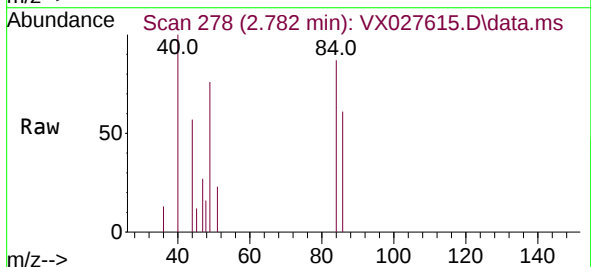
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

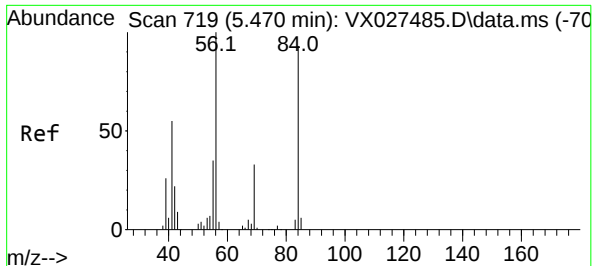
Tgt Ion: 43 Resp: 2474
Ion Ratio Lower Upper
43 100
58 26.8 28.8 43.2#



#20
Methylene Chloride
Concen: 0.269 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 84 Resp: 1000
Ion Ratio Lower Upper
84 100
49 86.5 85.5 128.3
51 26.5 26.6 39.8#
86 69.7 51.5 77.3

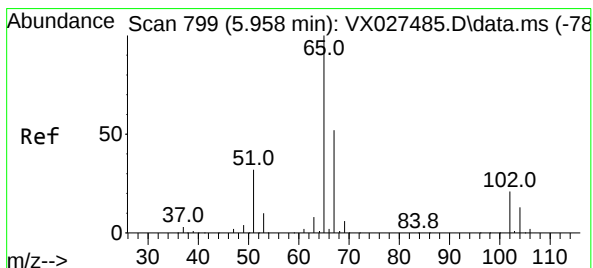
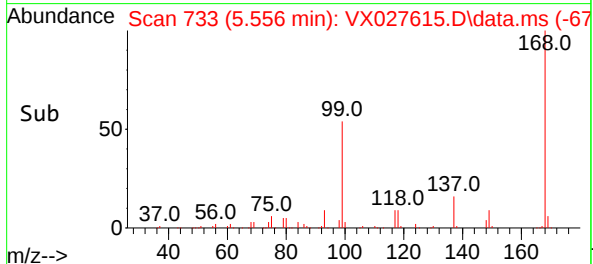
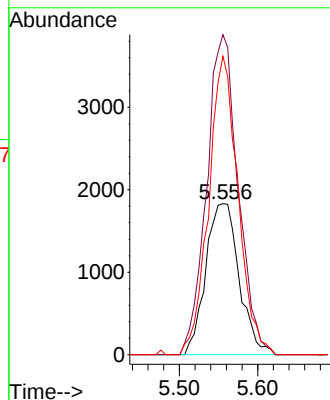
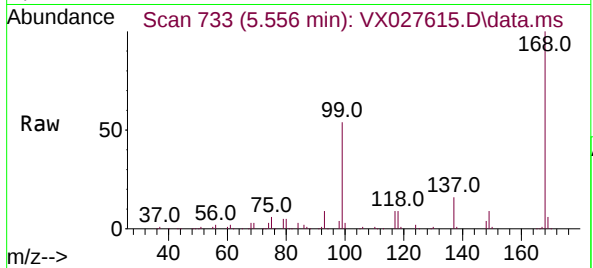




#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

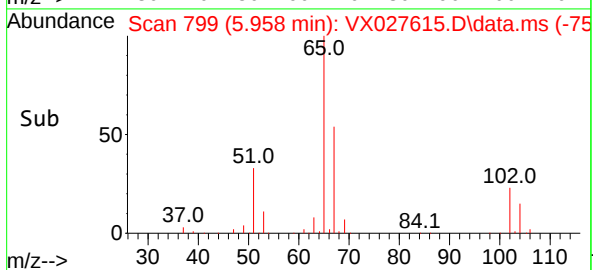
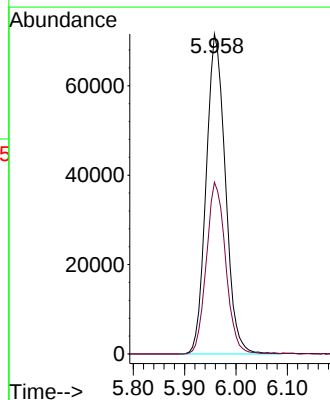
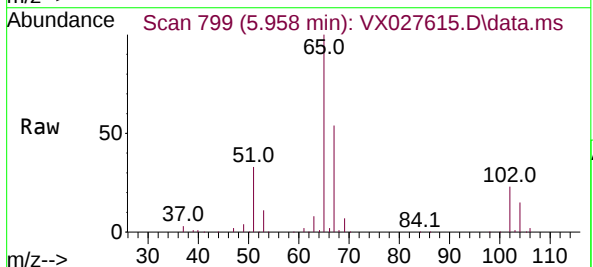
Instrument :
MSVOA_X
ClientSampleId :
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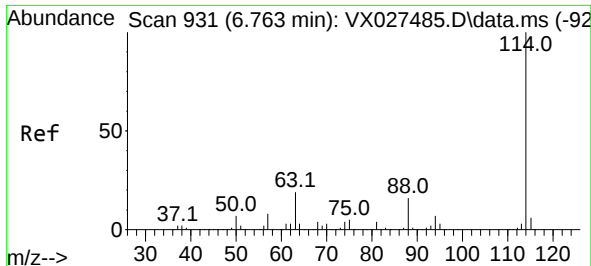
Tgt Ion: 56 Resp: 5420
Ion Ratio Lower Upper
56 100
69 211.8 26.7 40.1#
84 197.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.831 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 65 Resp: 185738
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4

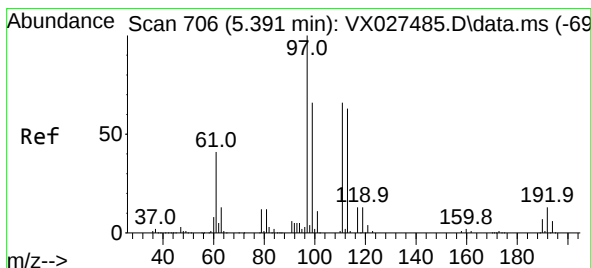
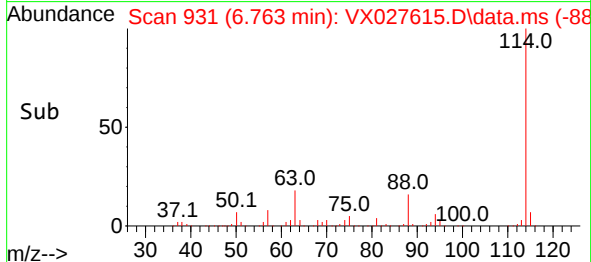
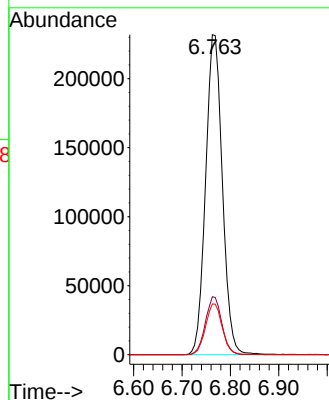
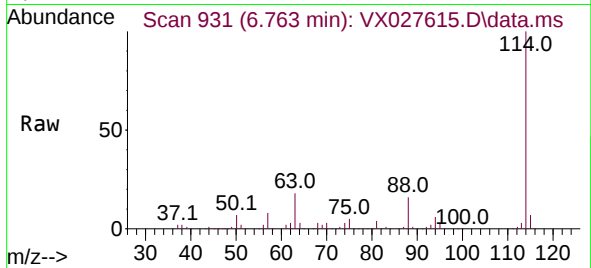




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

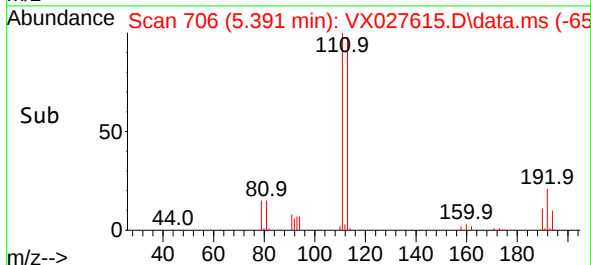
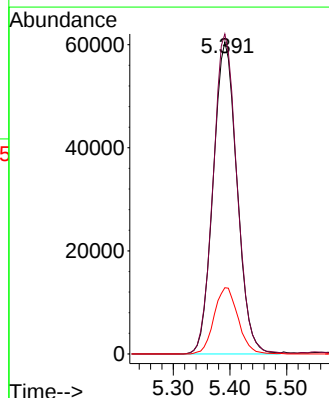
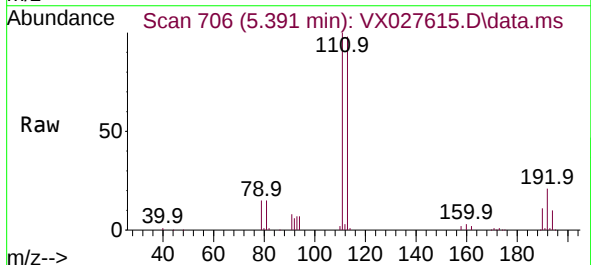
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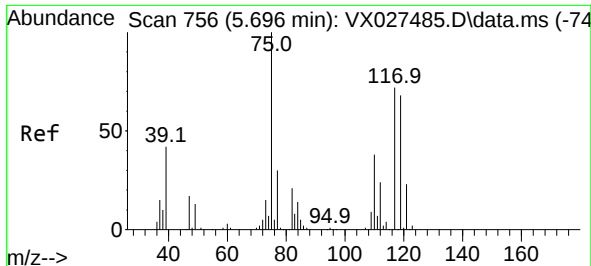
Tgt Ion:114 Resp: 557672
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.249 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion:113 Resp: 176703
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 21.4 16.9 25.3

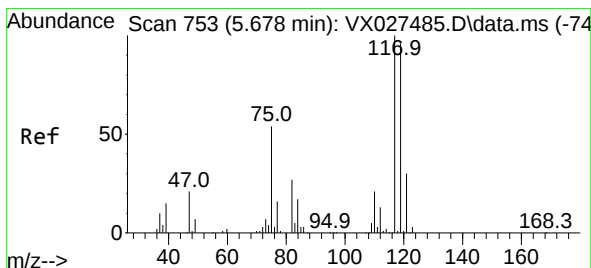
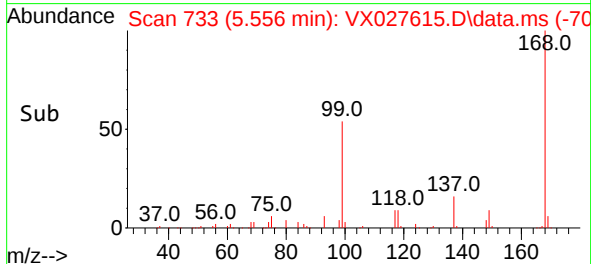
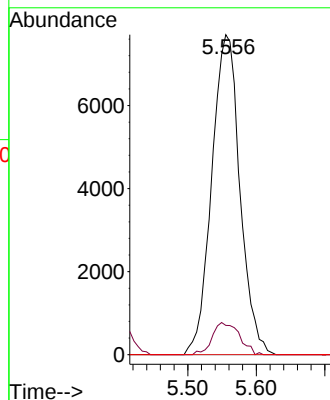
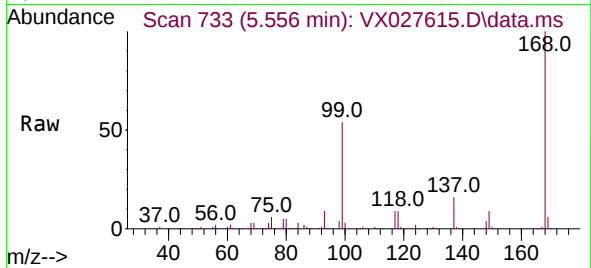




#36
1,1-Dichloropropene
Concen: 4.492 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

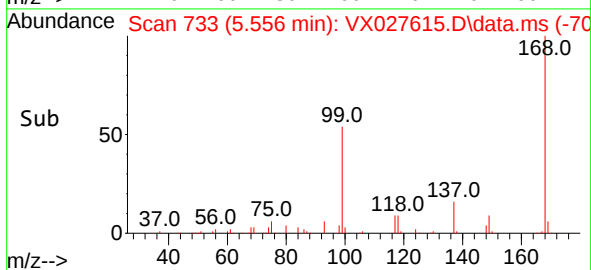
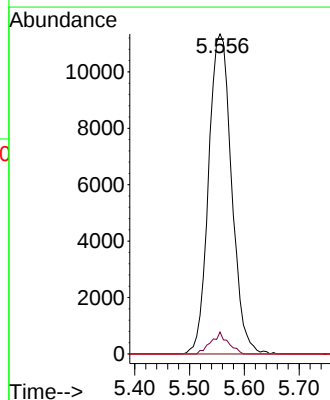
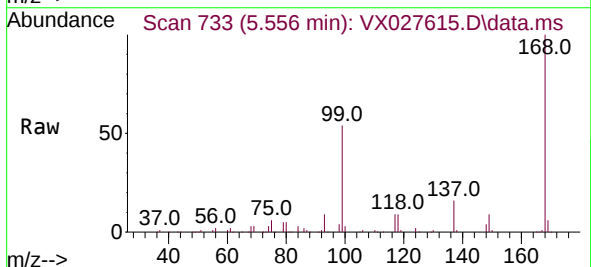
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

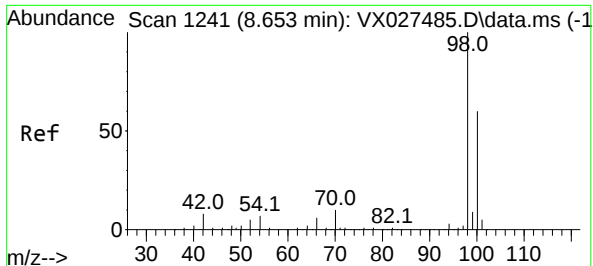
Tgt Ion: 75 Resp: 22024
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.890 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 117 Resp: 33040
Ion Ratio Lower Upper
117 100
119 6.9 77.3 115.9#
121 0.0 24.2 36.2#

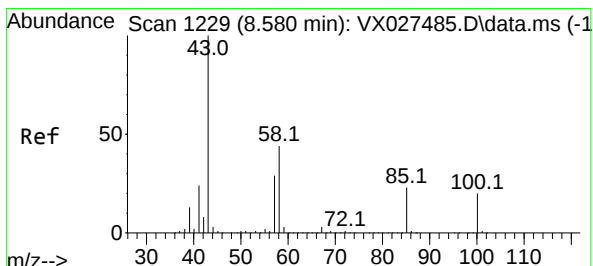
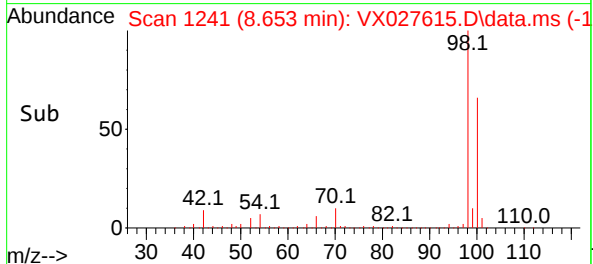
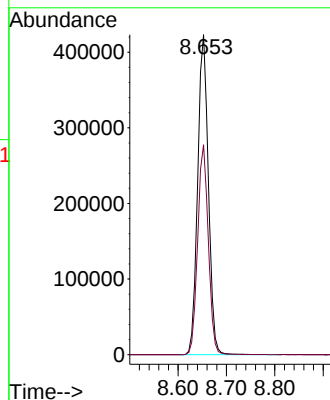
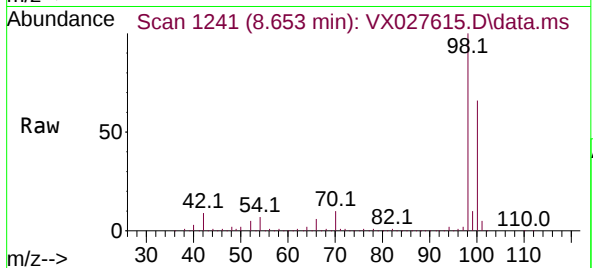




#50
Toluene-d8
Concen: 47.660 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

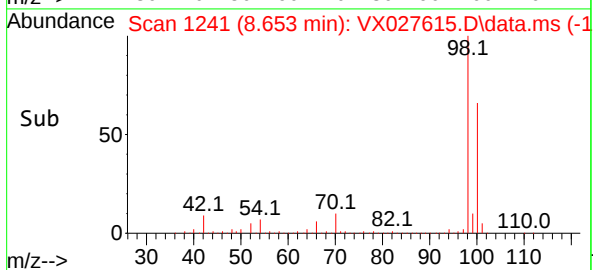
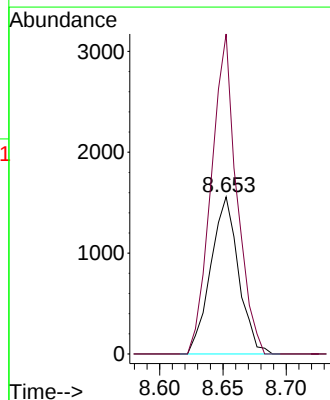
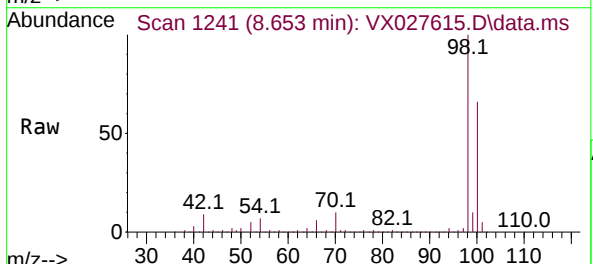
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

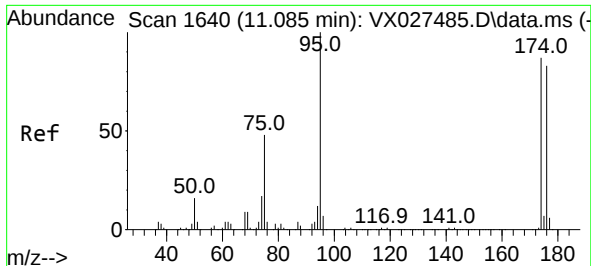
Tgt Ion: 98 Resp: 647087
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 43 Resp: 2384
Ion Ratio Lower Upper
43 100
58 186.9 36.1 54.1#

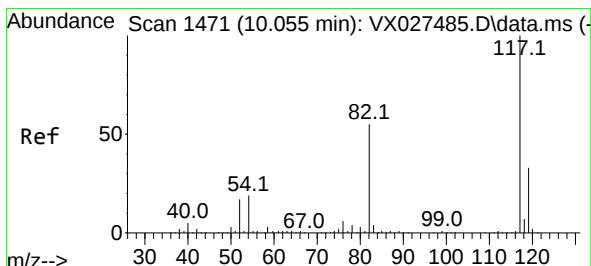
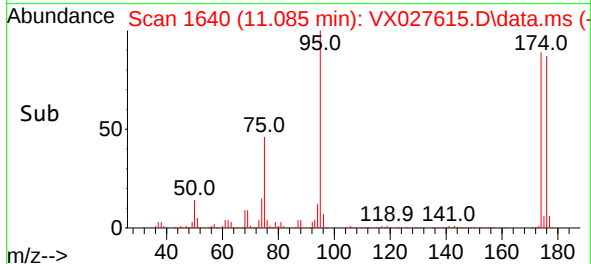
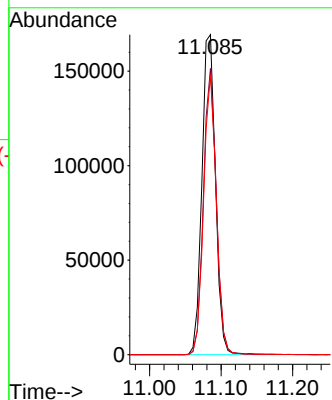
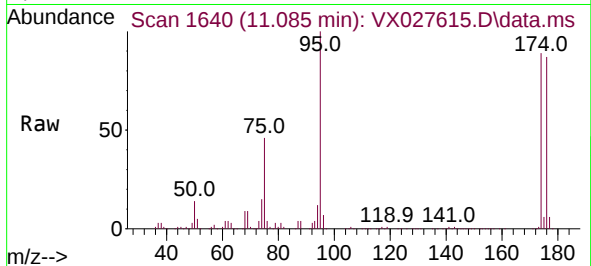




#62
4-Bromofluorobenzene
Concen: 44.694 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

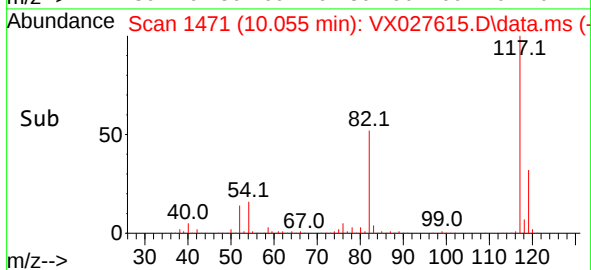
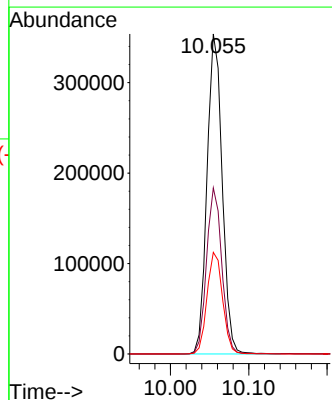
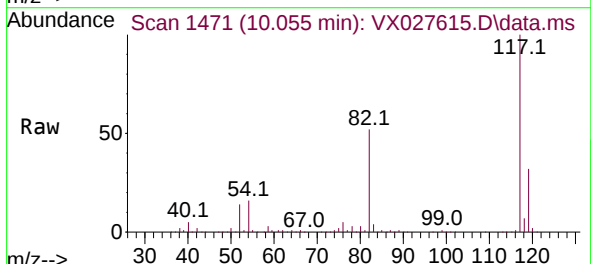
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

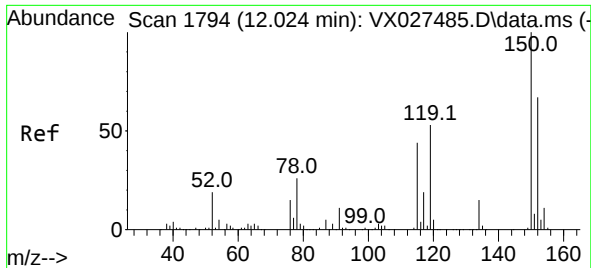
Tgt Ion: 95 Resp: 223042
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 82.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 117 Resp: 473914
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 31.7 24.8 37.2

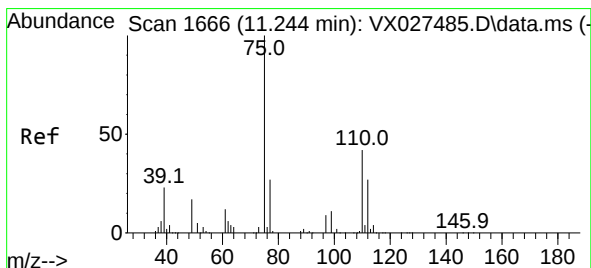
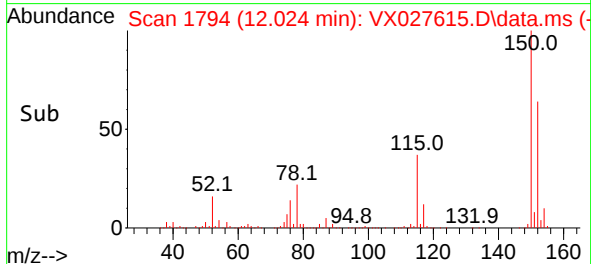
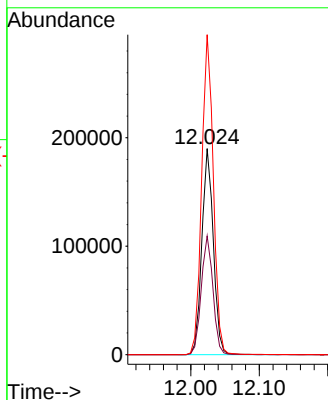
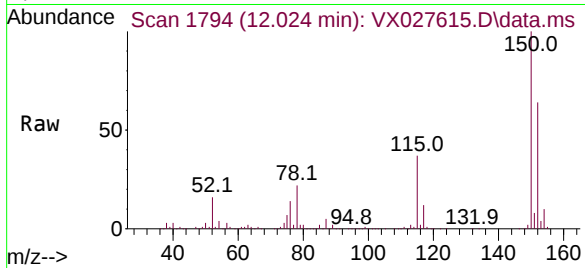




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

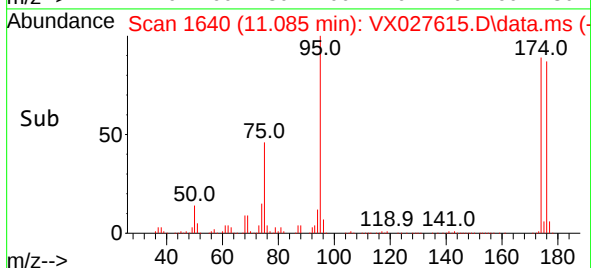
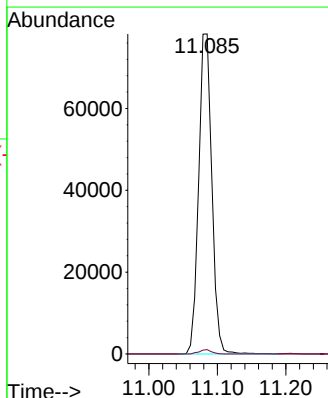
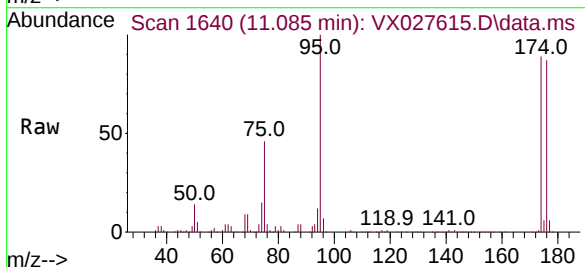
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

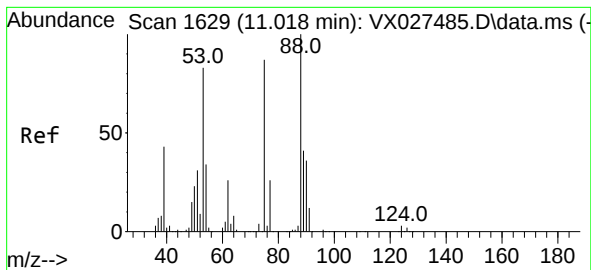
Tgt Ion:152 Resp: 222089
Ion Ratio Lower Upper
152 100
115 58.5 37.5 112.7
150 157.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.570 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027615.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 75 Resp: 104846
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.546 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX027615.D
 Acq: 22 Mar 2022 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

Tgt Ion: 75 Resp: 104846
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

