

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028493.D
 Acq On : 03 May 2022 11:45
 Operator : JC/MD
 Sample : VX0503WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBL01

Quant Time: May 04 06:02:46 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)

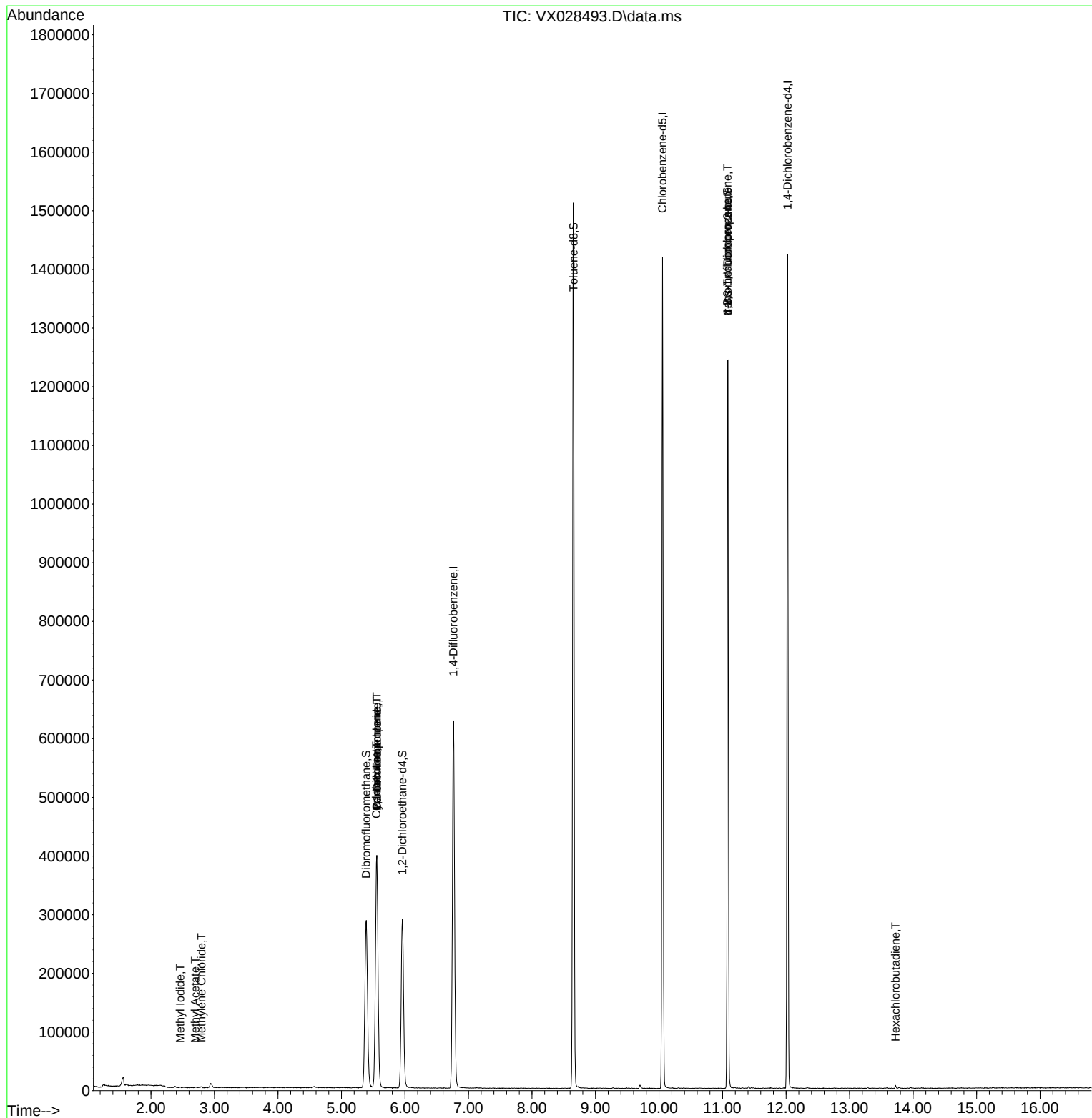
Internal Standards						
1) Pentafluorobenzene	5.556	168	385184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	674797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	654756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	301216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	273612	54.479	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.960%	
35) Dibromofluoromethane	5.385	113	249446	52.711	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.420%	
50) Toluene-d8	8.653	98	923012	50.782	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	11.079	95	329197	47.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.740%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	469	Below Cal		96
5) Bromomethane	1.611	94	1274	Below Cal		89
6) Chloroethane	1.703	64	570	Below Cal	#	43
10) Methyl Iodide	2.459	142	810	5.404	ug/l #	89
11) Tert butyl alcohol	2.947	59	3839	Below Cal	#	72
18) Methyl Acetate	2.697	43	907	0.203	ug/l #	81
20) Methylene Chloride	2.794	84	779	0.209	ug/l	94
31) Cyclohexane	5.550	56	7742	1.265	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	29401	4.763	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38249	5.489	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	164751	27.791	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	164751	82.589	ug/l #	15
94) Hexachlorobutadiene	13.725	225	689	0.258	ug/l	87

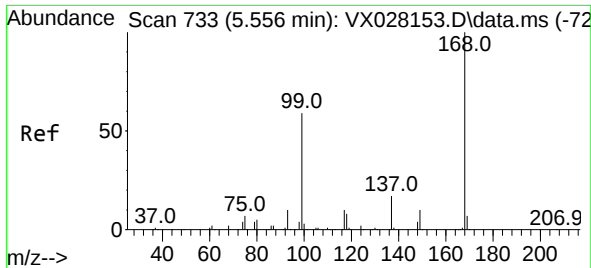
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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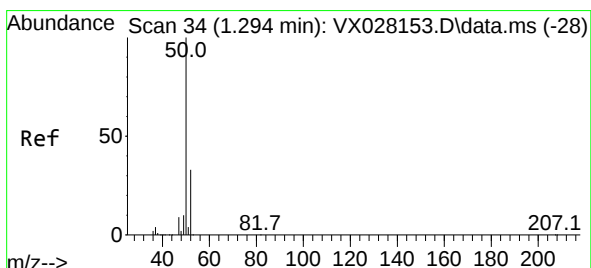
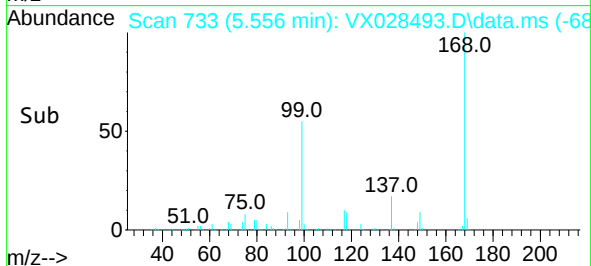
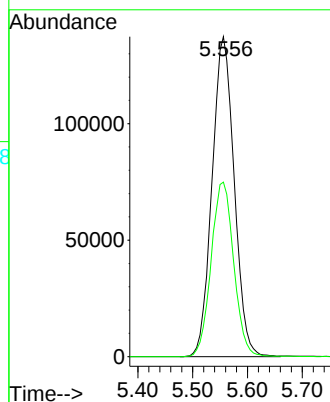
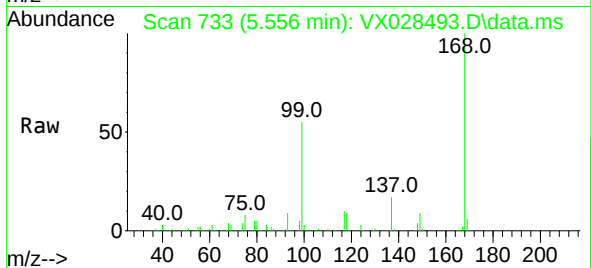




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

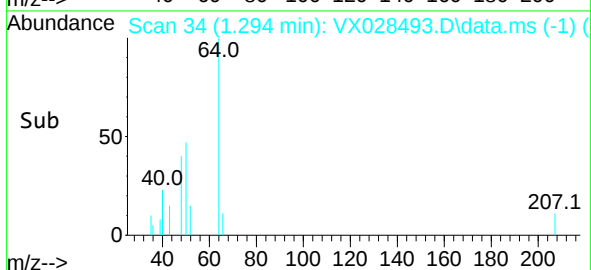
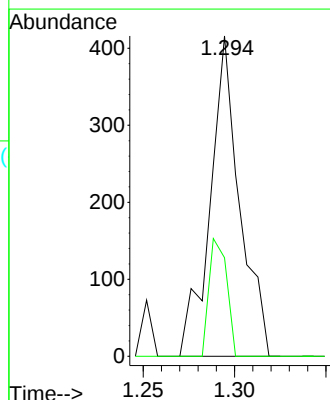
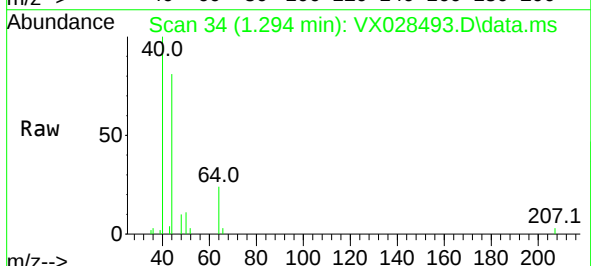
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

Tgt Ion:168 Resp: 385184
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Tgt Ion: 50 Resp: 469
Ion Ratio Lower Upper
50 100
52 30.8 26.4 39.6

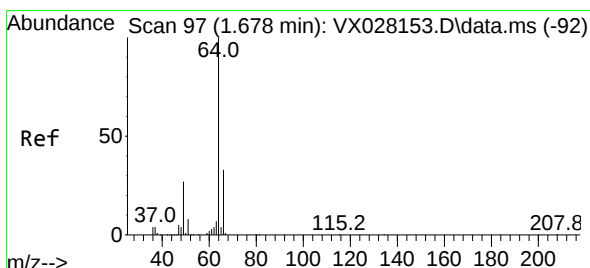
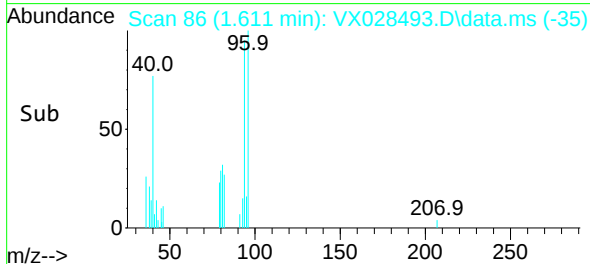
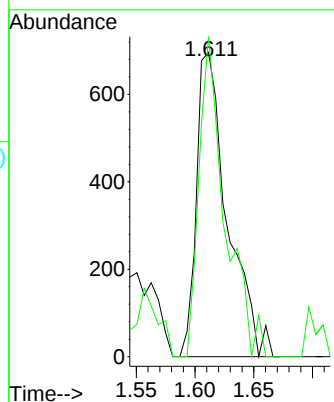
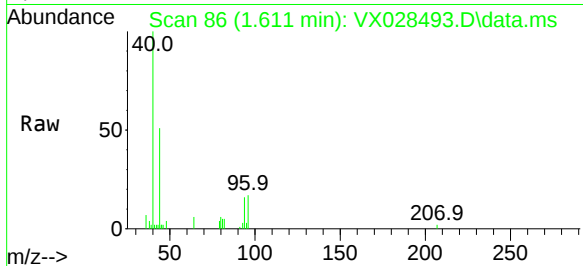




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

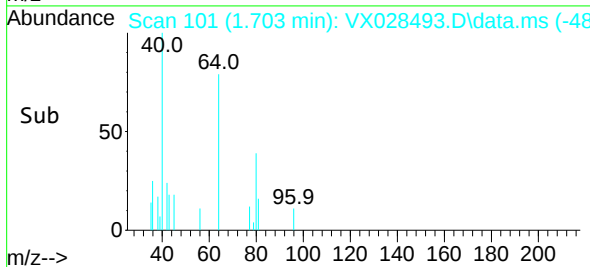
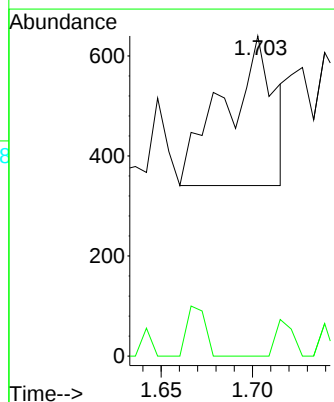
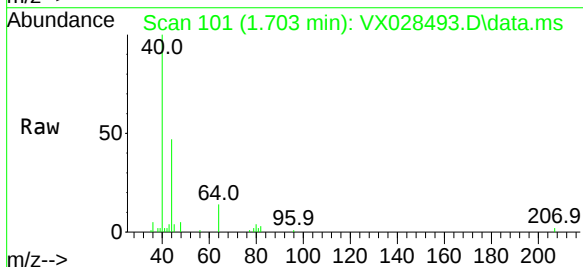
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

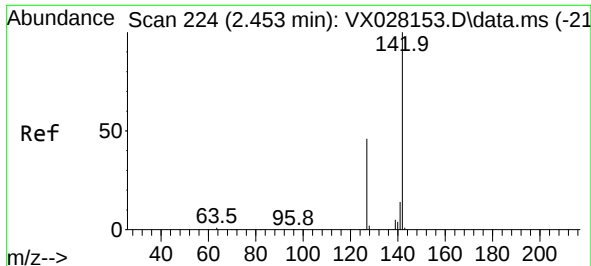
Tgt Ion: 94 Resp: 1274
Ion Ratio Lower Upper
94 100
96 105.2 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

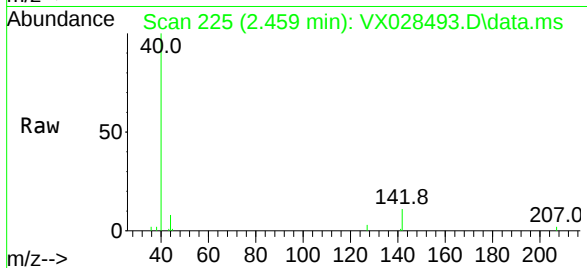
Tgt Ion: 64 Resp: 570
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



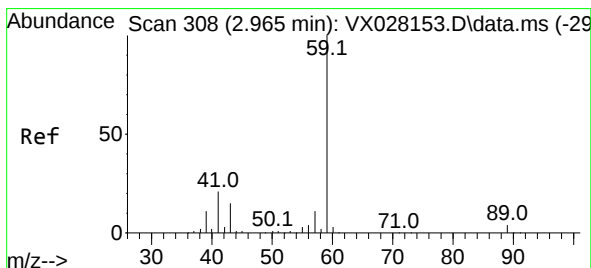
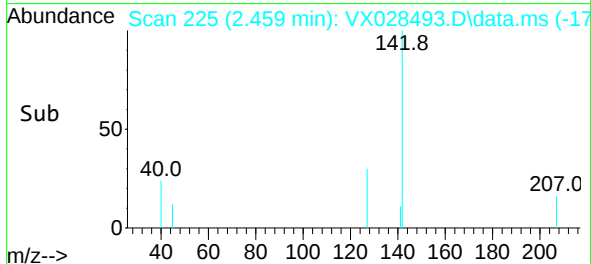
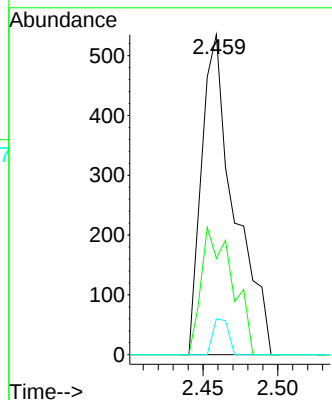


#10
Methyl Iodide
Concen: 5.404 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

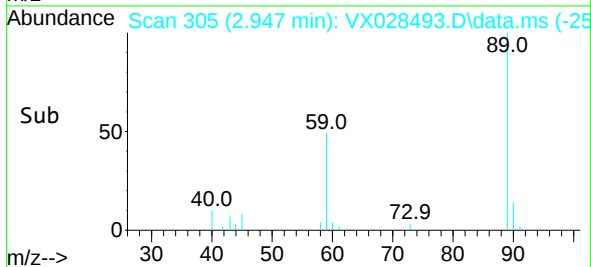
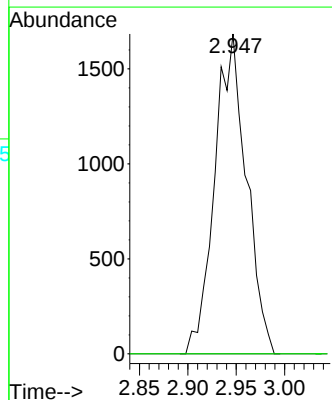
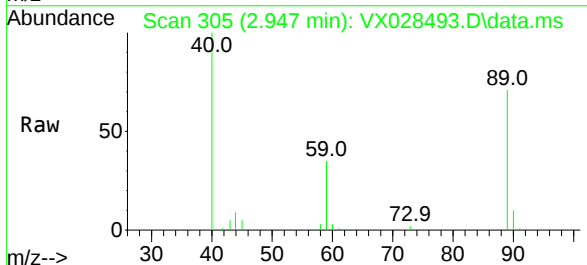


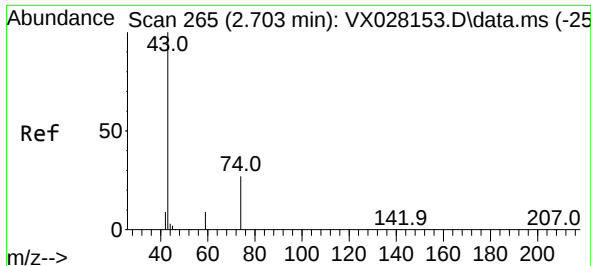
Tgt Ion:142 Resp: 810
Ion Ratio Lower Upper
142 100
127 38.1 33.9 50.9
141 5.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Tgt Ion: 59 Resp: 3839
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

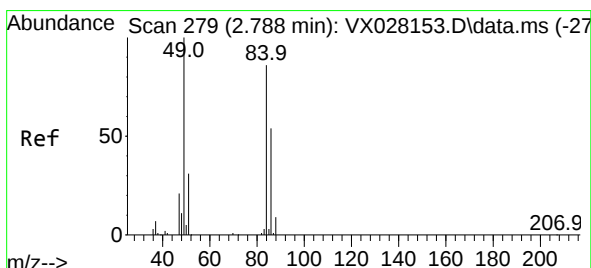
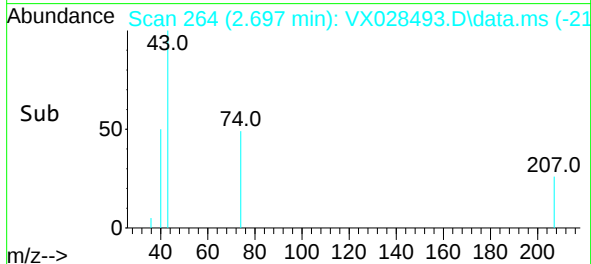
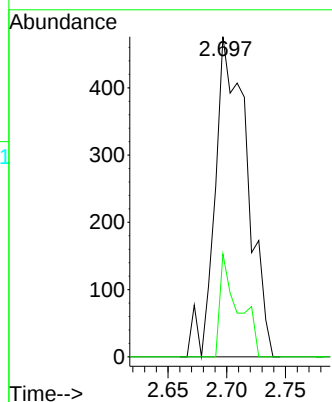
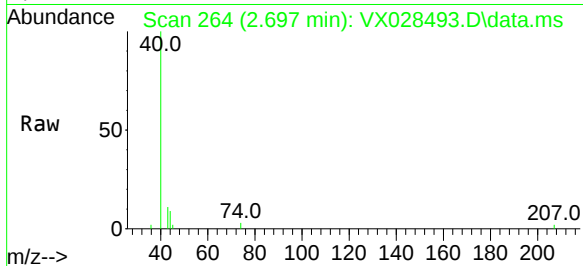




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.697 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

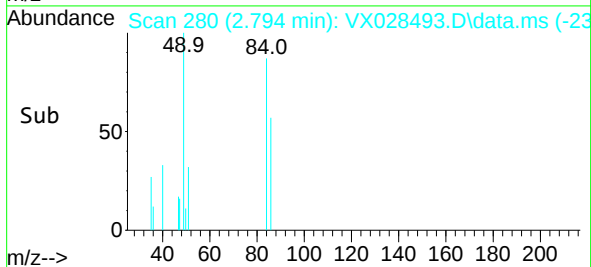
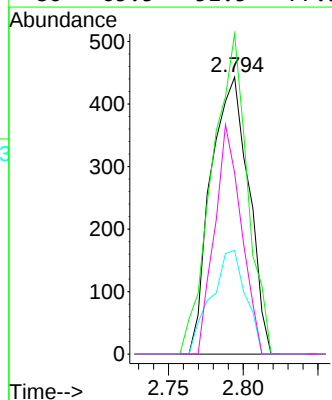
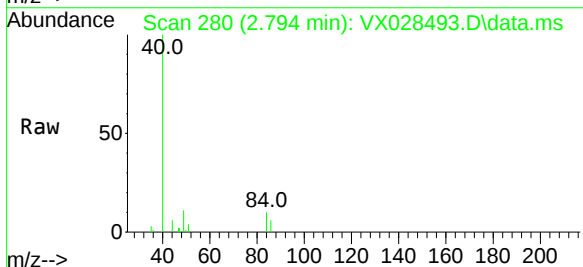
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

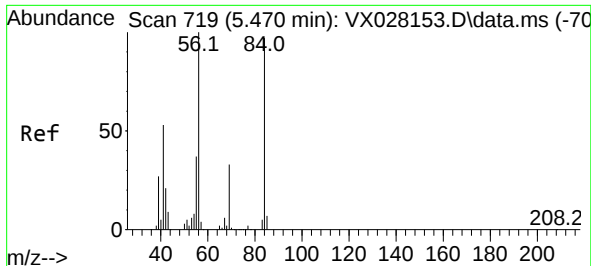
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
74 18.3 22.8 34.2#



#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Tgt Ion: 84 Resp: 779
Ion Ratio Lower Upper
84 100
49 115.6 85.5 128.3
51 37.5 26.6 39.8
86 65.5 51.5 77.3

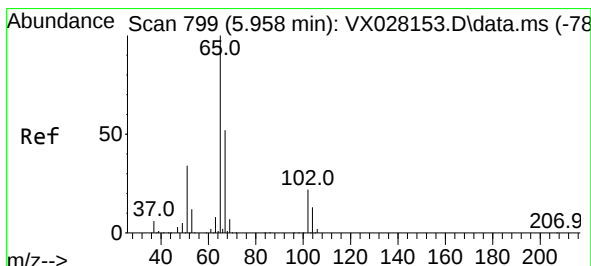
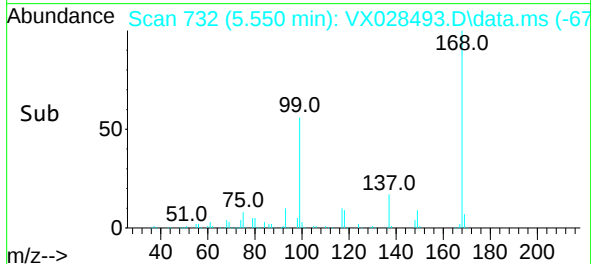
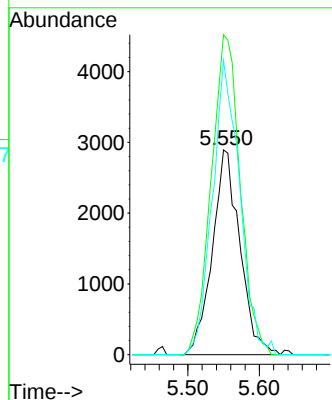
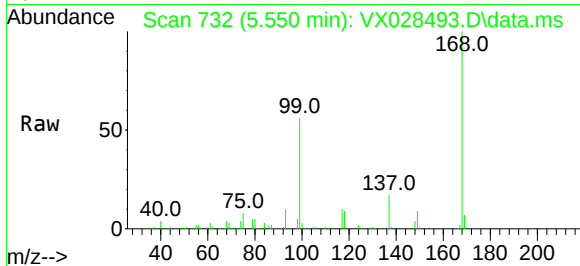




#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

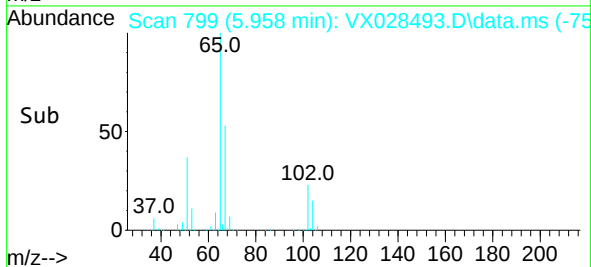
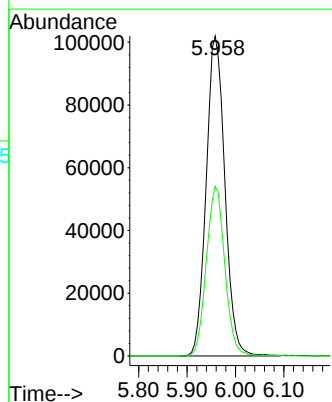
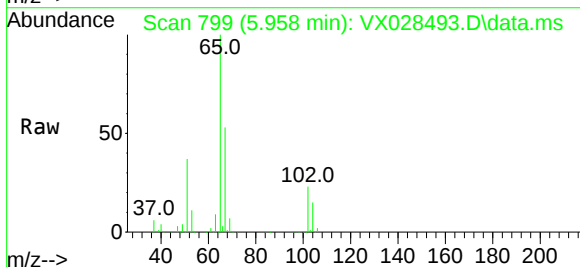
Instrument :
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ClientSampleId :
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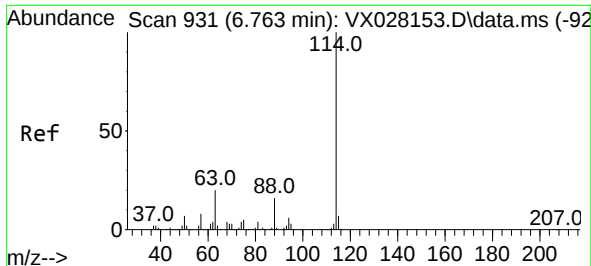
Tgt Ion: 56 Resp: 7742
Ion Ratio Lower Upper
56 100
69 156.3 26.7 40.1#
84 143.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.479 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Tgt Ion: 65 Resp: 273612
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

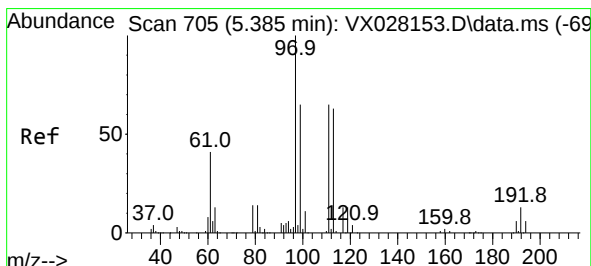
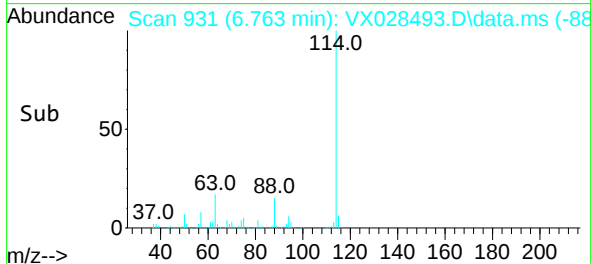
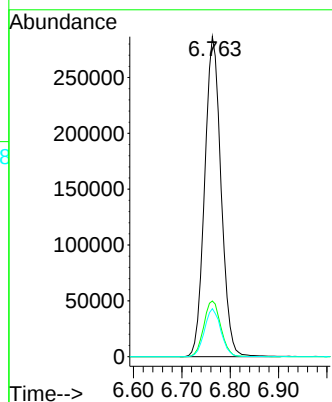
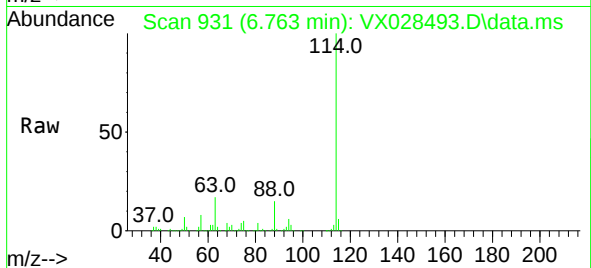




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

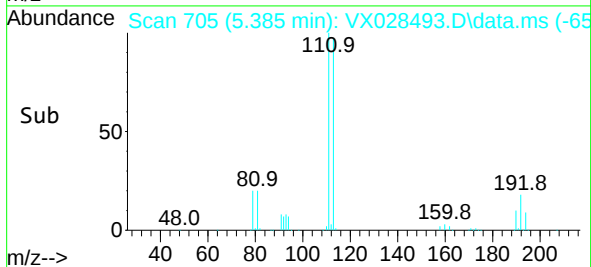
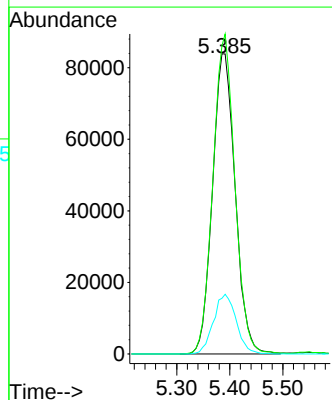
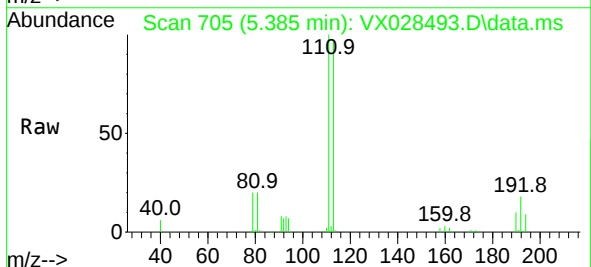
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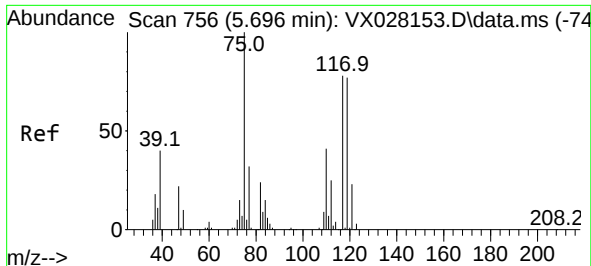
Tgt Ion:114 Resp: 674797
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.711 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Tgt Ion:113 Resp: 249446
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 20.0 16.9 25.3

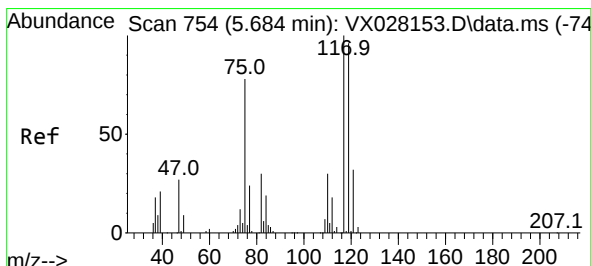
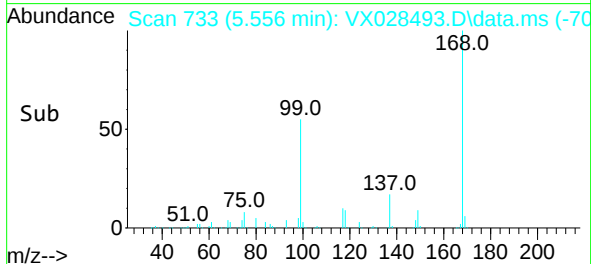
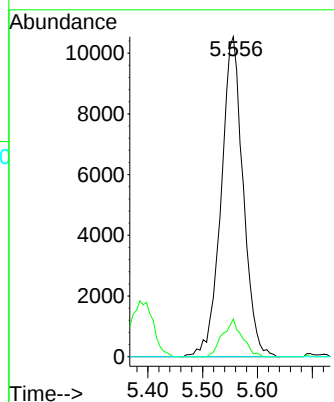
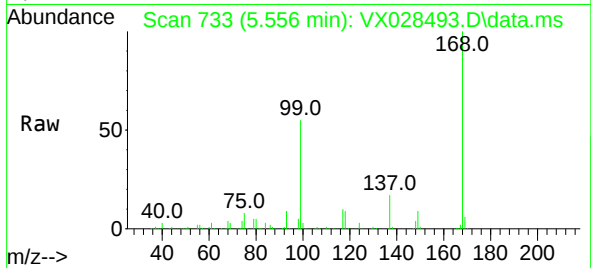




#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

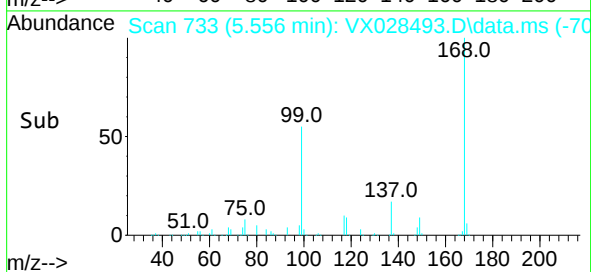
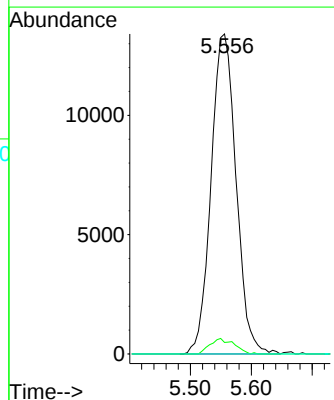
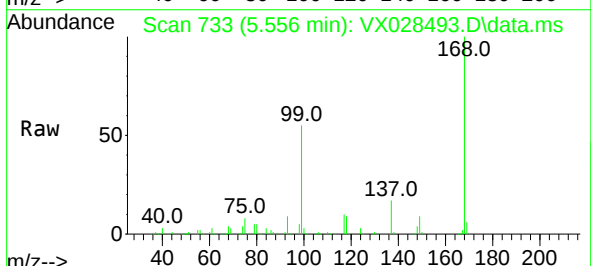
Instrument :
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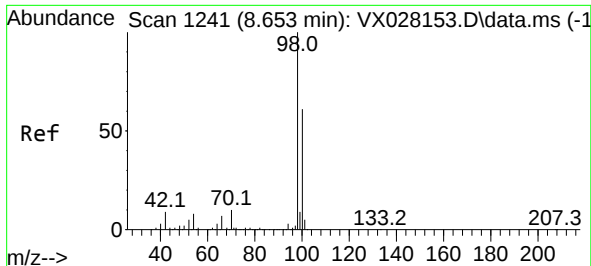
Tgt Ion: 75 Resp: 29401
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.489 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Tgt Ion: 117 Resp: 38249
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#

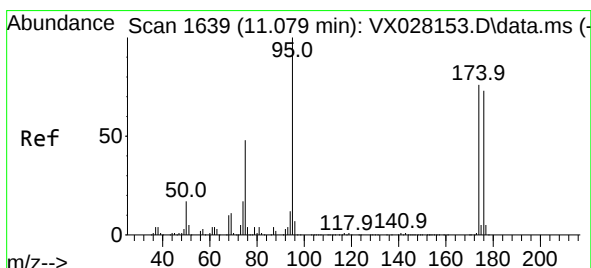
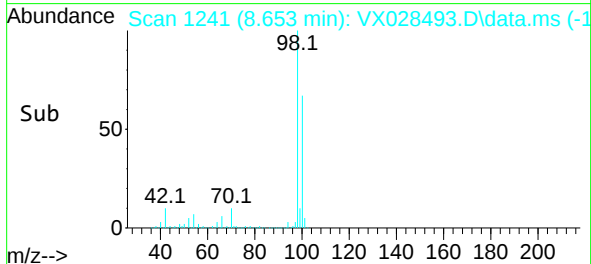
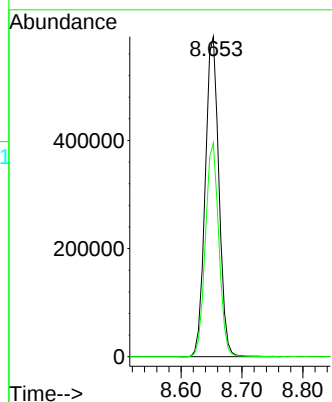
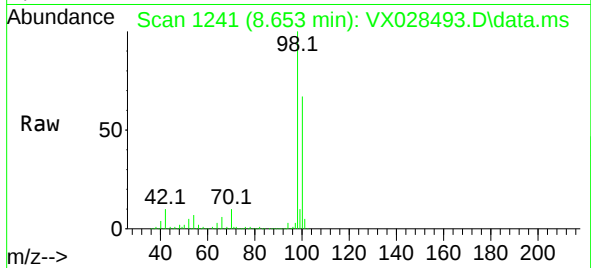




#50
Toluene-d8
Concen: 50.782 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

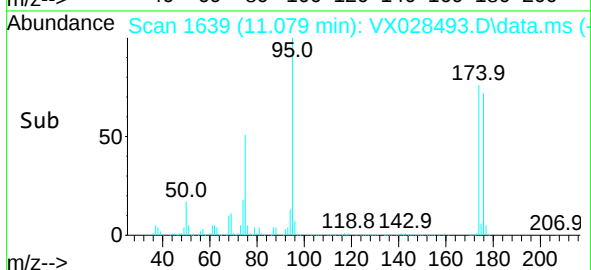
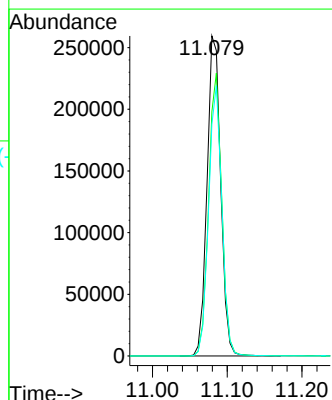
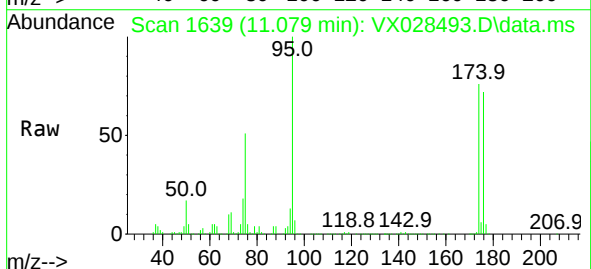
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

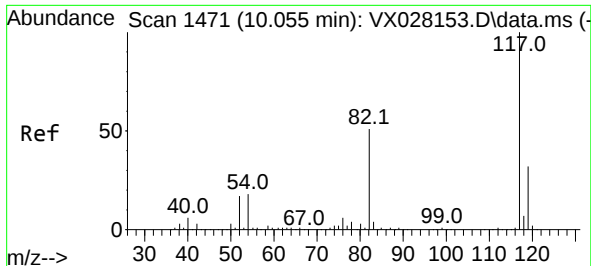
Tgt Ion: 98 Resp: 923012
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Tgt Ion: 95 Resp: 329197
Ion Ratio Lower Upper
95 100
174 85.4 0.0 163.0
176 82.3 0.0 155.0

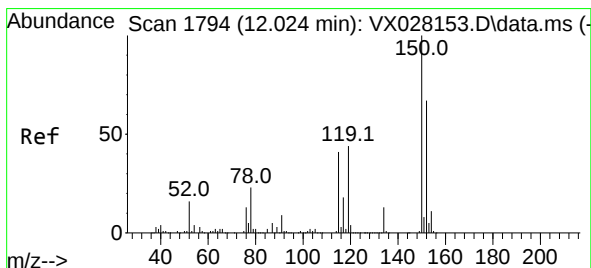
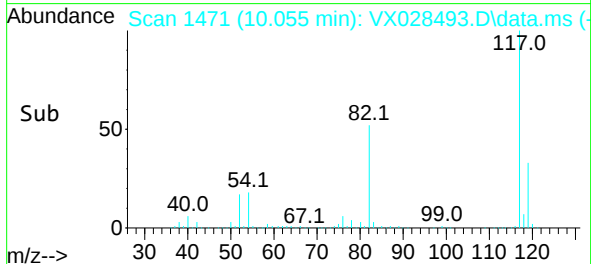
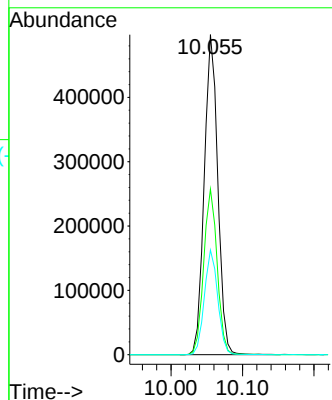
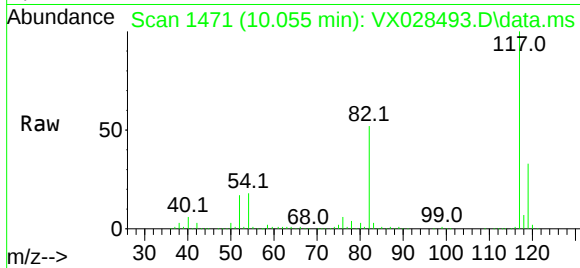




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

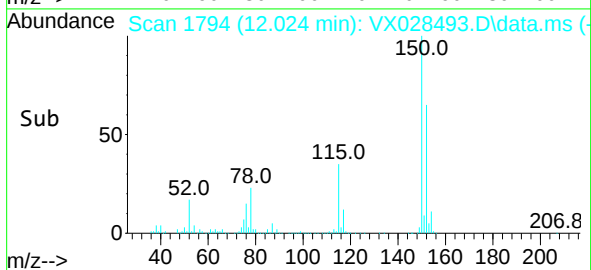
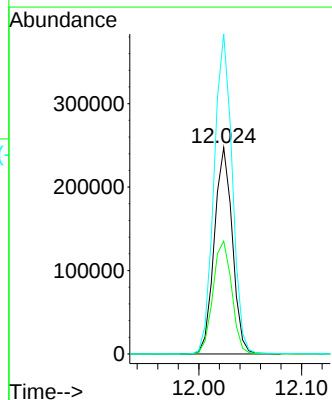
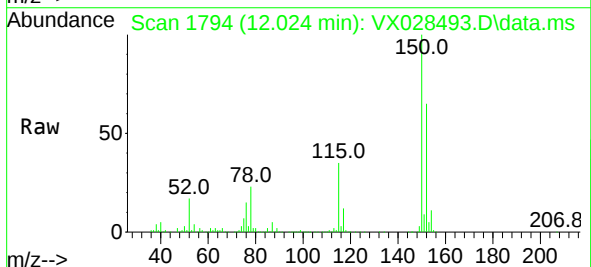
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

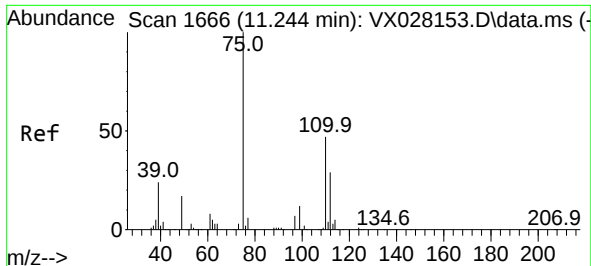
Tgt Ion:117 Resp: 654756
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

Tgt Ion:152 Resp: 301216
Ion Ratio Lower Upper
152 100
115 57.0 37.5 112.7
150 156.5 0.0 338.2

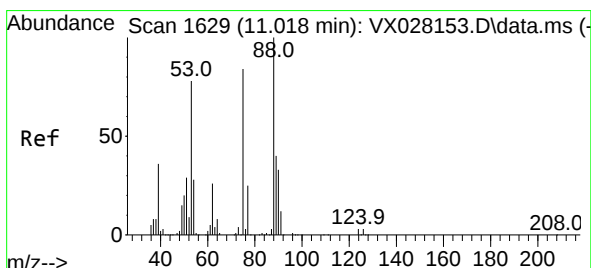
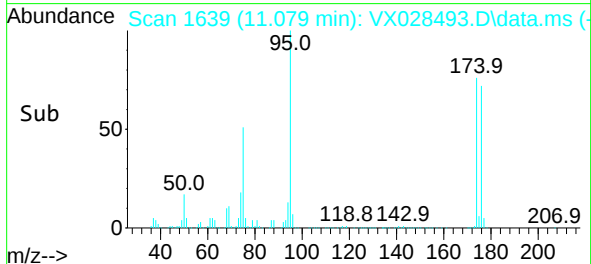
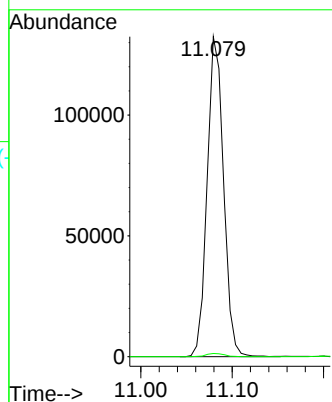
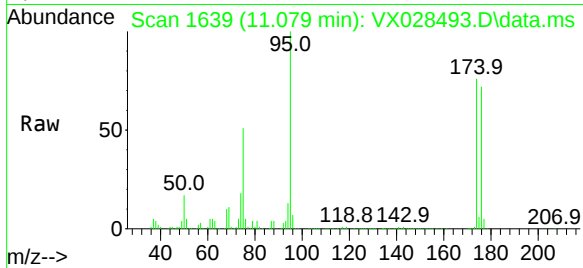




#76
1,2,3-Trichloropropane
Concen: 27.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

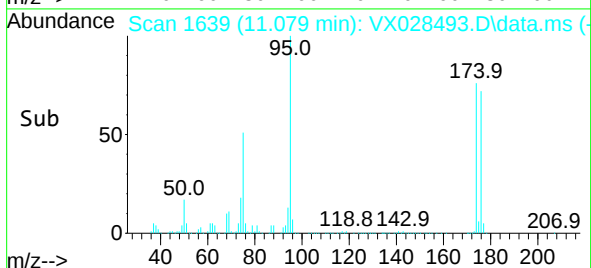
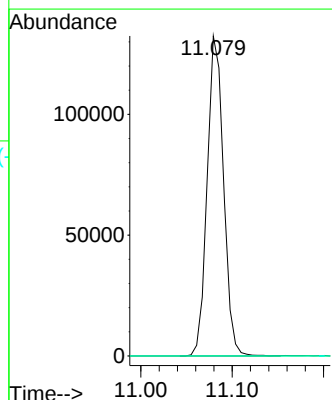
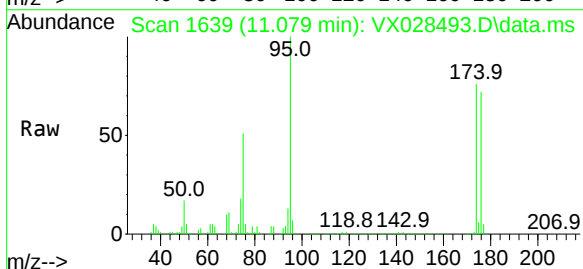
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

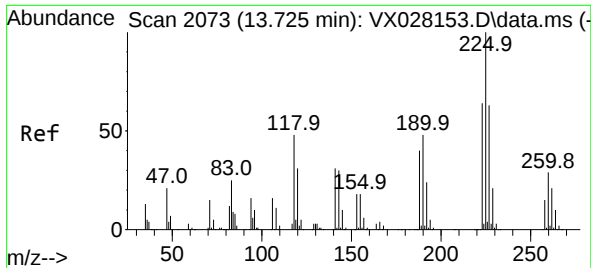
Tgt Ion: 75 Resp: 164751
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028493.D
Acq: 03 May 2022 11:45

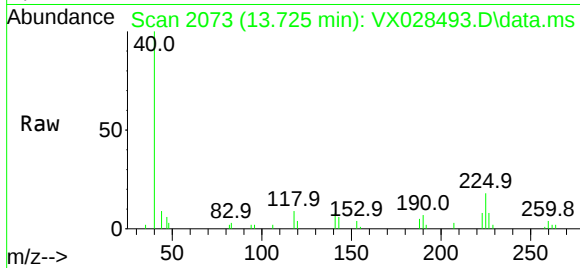
Tgt Ion: 75 Resp: 164751
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.258 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX028493.D
 Acq: 03 May 2022 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBL01



Tgt Ion:	225	Resp:	689
Ion	Ratio	Lower	Upper
225	100		
223	54.0	34.2	102.5
227	60.5	33.9	101.7

