

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026630.D
 Acq On : 27 Jan 2022 17:26
 Operator : JC/MD
 Sample : N1296-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-2A

Quant Time: Jan 28 04:27:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

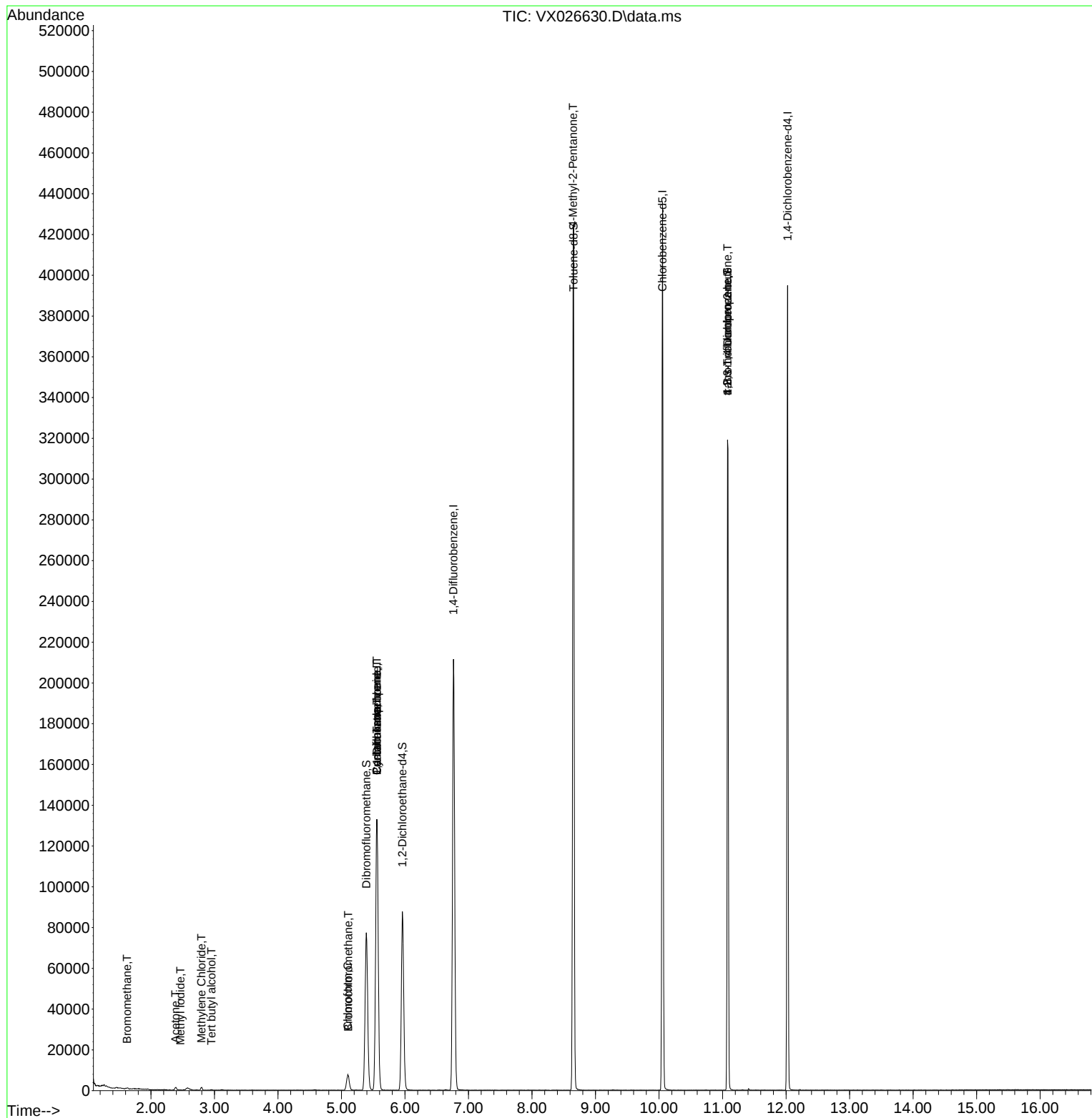
Internal Standards						
1) Pentafluorobenzene	5.556	168	126075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83923	47.652	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.300%
35) Dibromofluoromethane	5.391	113	68278	49.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	8.653	98	254147	50.949	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.900%
62) 4-Bromofluorobenzene	11.079	95	89532	50.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.060%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	143	0.216	ug/l	94
10) Methyl Iodide	2.465	142	47	4.474	ug/l #	37
11) Tert butyl alcohol	2.953	59	74	0.302	ug/l #	75
16) Acetone	2.386	43	1774	1.975	ug/l #	89
20) Methylene Chloride	2.794	84	575	0.387	ug/l #	92
28) Bromochloromethane	5.105	49	803	0.736	ug/l #	13
30) Chloroform	5.099	83	9653	3.497	ug/l	95
31) Cyclohexane	5.556	56	2577	0.992	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9689	4.434	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13041	5.802	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1063	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44912	26.169	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44912	79.312	ug/l #	3

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

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QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

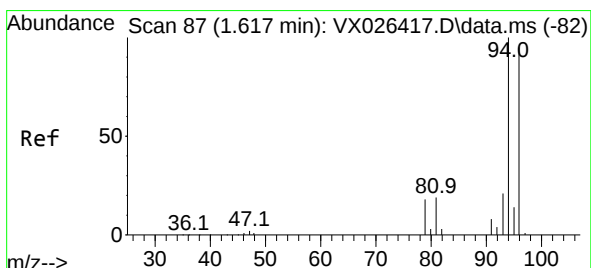
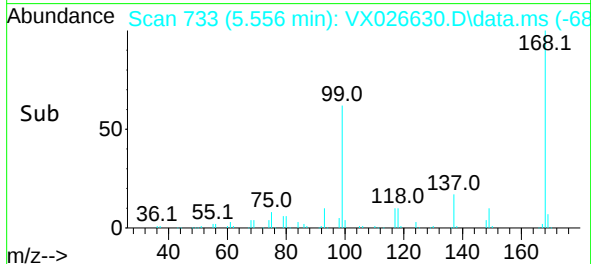
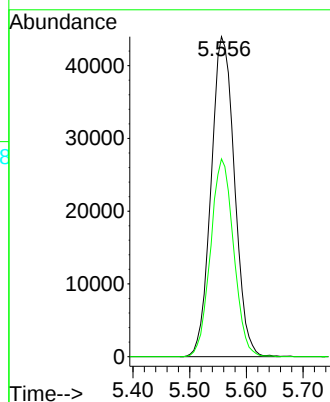
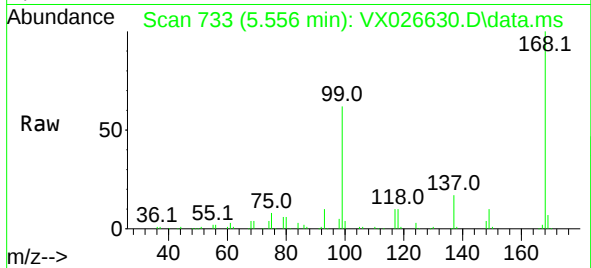




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

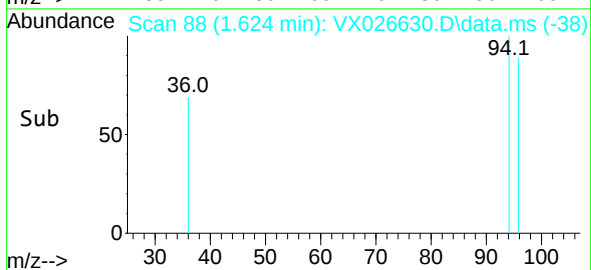
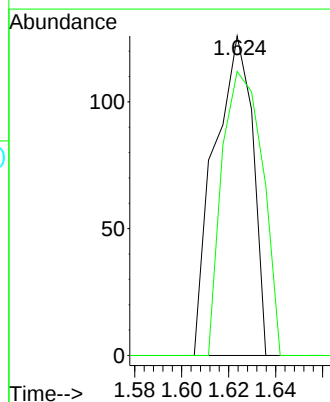
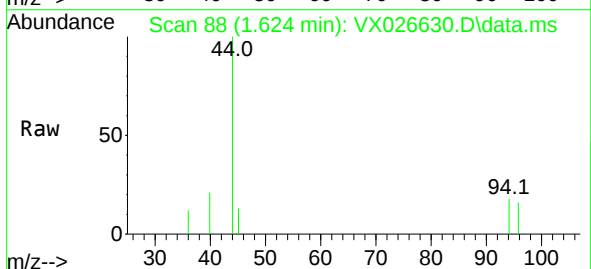
Instrument :
MSVOA_X
ClientSampleId :
PZ-2A

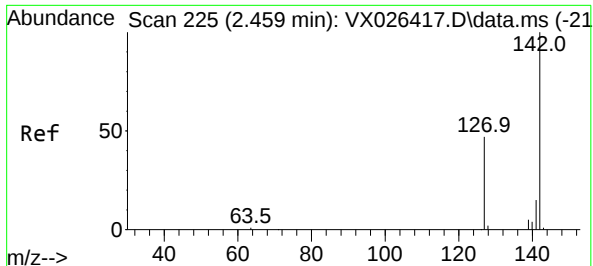
Tgt Ion:168 Resp: 126075
Ion Ratio Lower Upper
168 100
99 61.8 50.3 75.5



#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

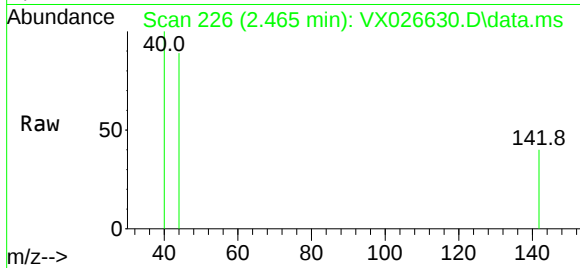
Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 88.9 75.9 113.9



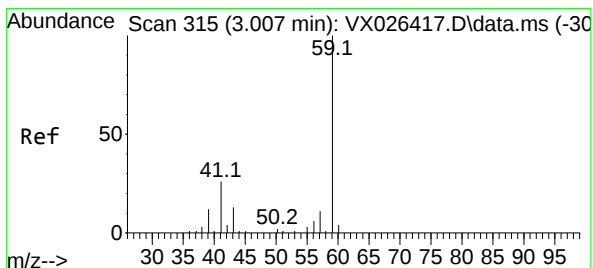
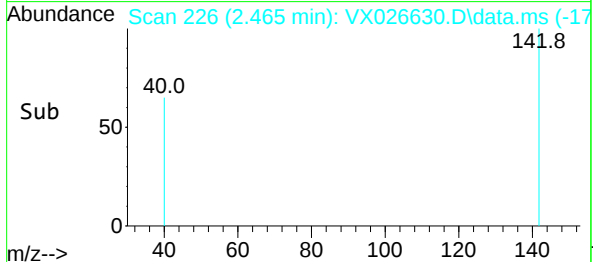
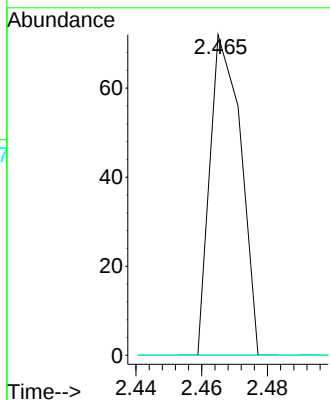


#10
Methyl Iodide
Concen: 4.474 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :
PZ-2A

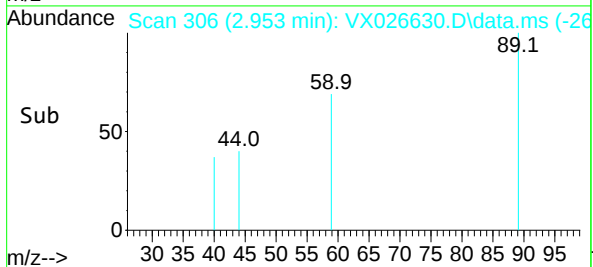
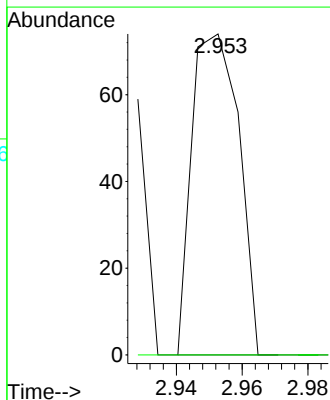
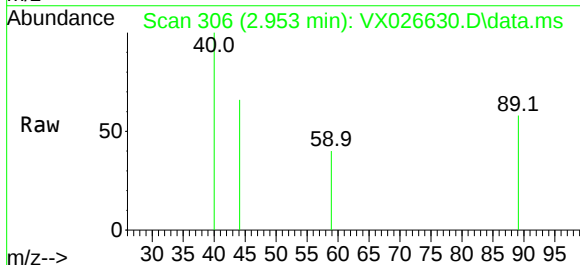


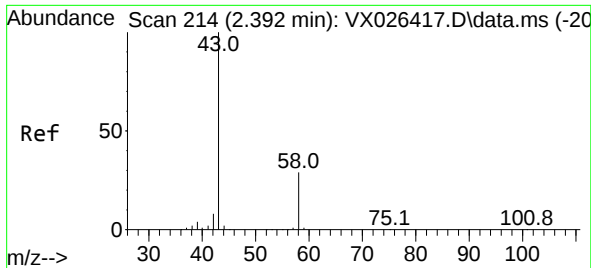
Tgt Ion:142 Resp: 47
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.302 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

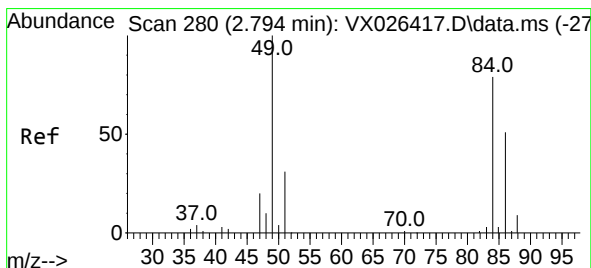
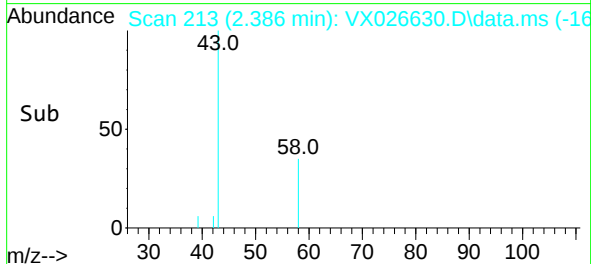
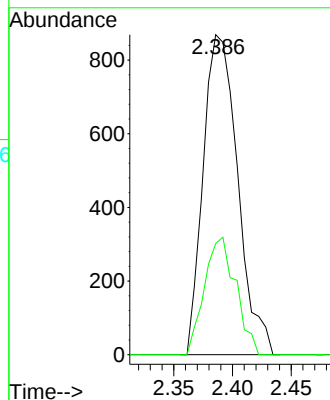
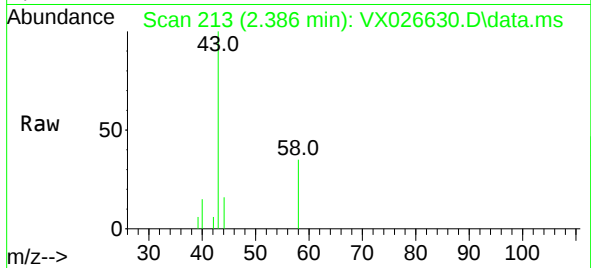




#16
Acetone
Concen: 1.975 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

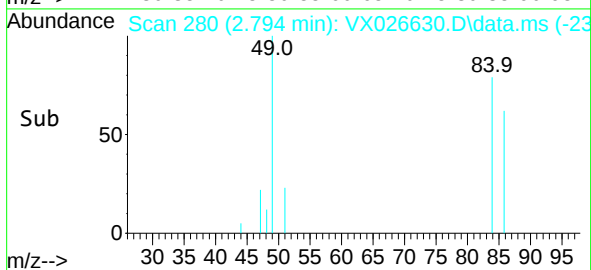
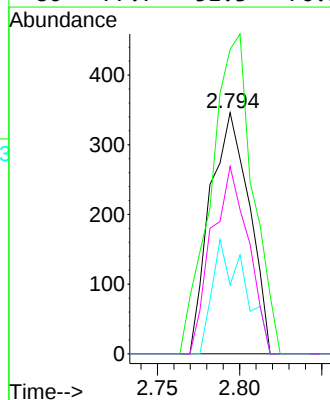
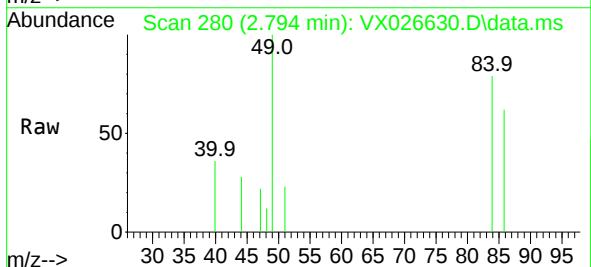
Instrument :
MSVOA_X
ClientSampleId :
PZ-2A

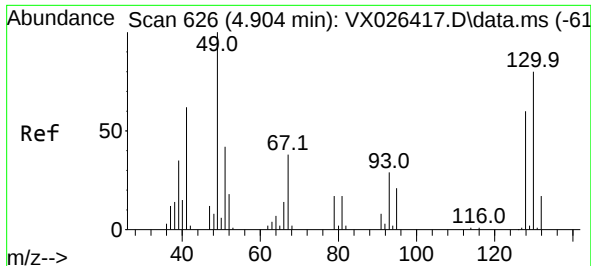
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 34.8 23.0 34.6#



#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Tgt Ion: 84 Resp: 575
Ion Ratio Lower Upper
84 100
49 126.3 101.5 152.3
51 28.6 31.2 46.8#
86 77.7 51.3 76.9#

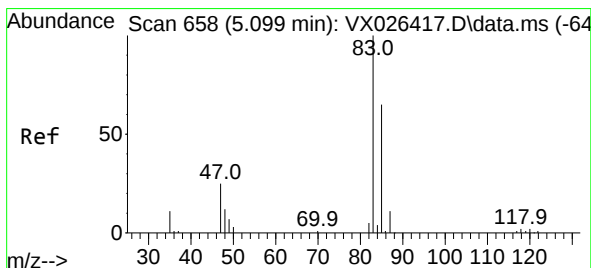
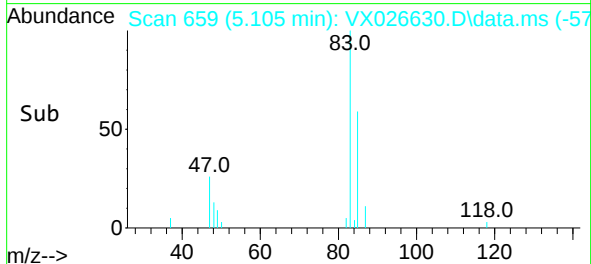
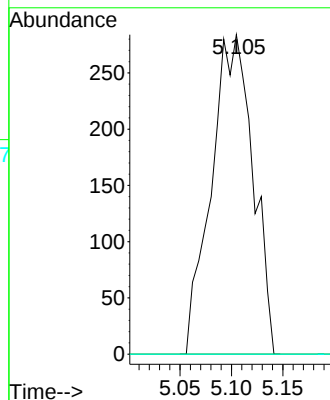
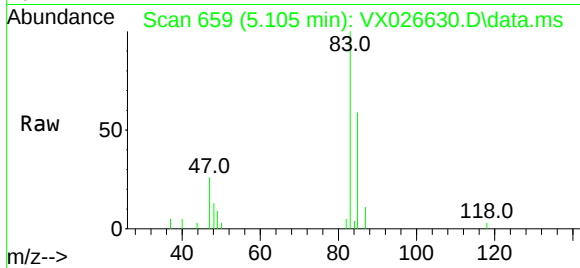




#28
Bromochloromethane
Concen: 0.736 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.201 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

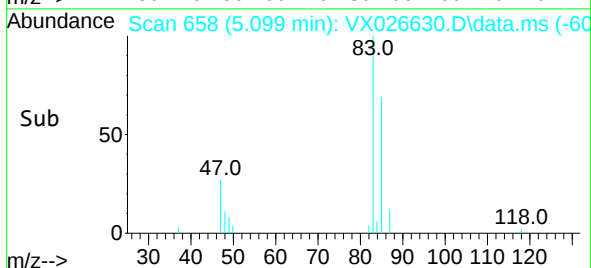
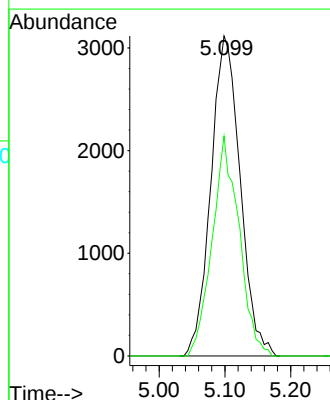
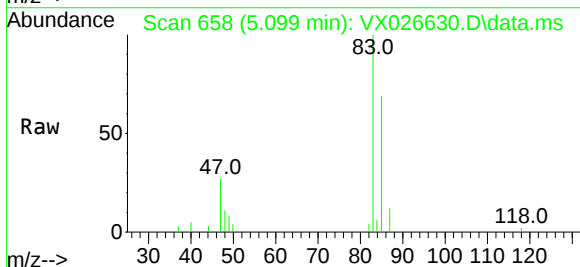
Instrument :
MSVOA_X
ClientSampleId :
PZ-2A

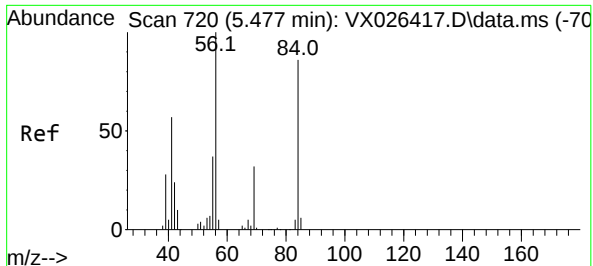
Tgt Ion: 49 Resp: 803
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.4 93.6#



#30
Chloroform
Concen: 3.497 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Tgt Ion: 83 Resp: 9653
Ion Ratio Lower Upper
83 100
85 68.7 51.6 77.4

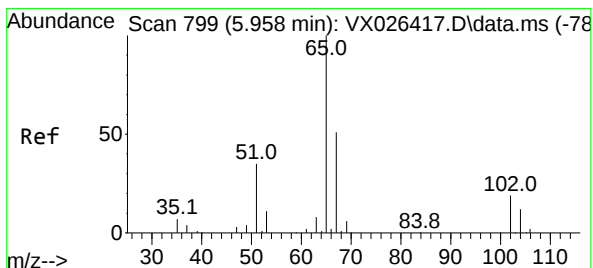
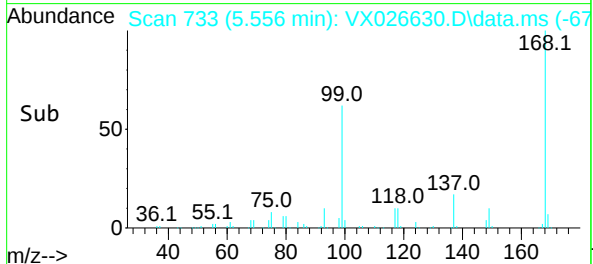
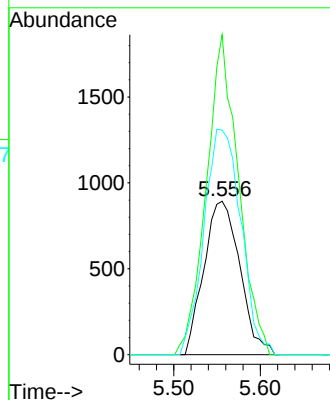
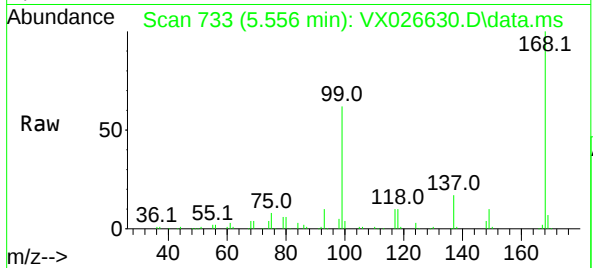




#31
Cyclohexane
Concen: 0.992 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

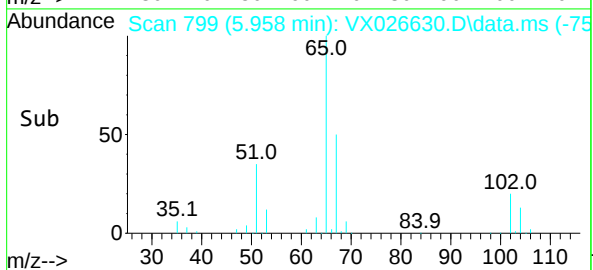
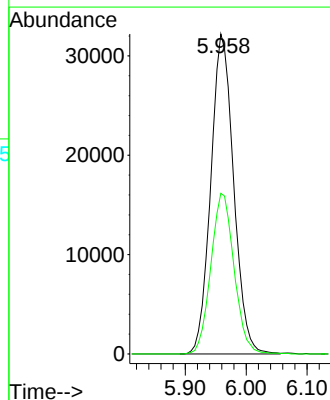
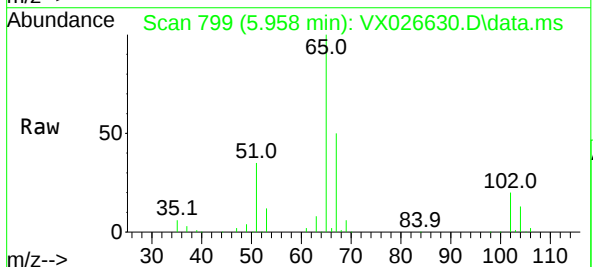
Instrument :
MSVOA_X
ClientSampleId :
PZ-2A

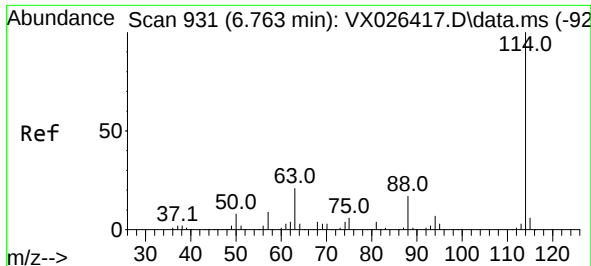
Tgt Ion: 56 Resp: 2577
Ion Ratio Lower Upper
56 100
69 208.6 25.8 38.6#
84 146.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.652 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Tgt Ion: 65 Resp: 83923
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8

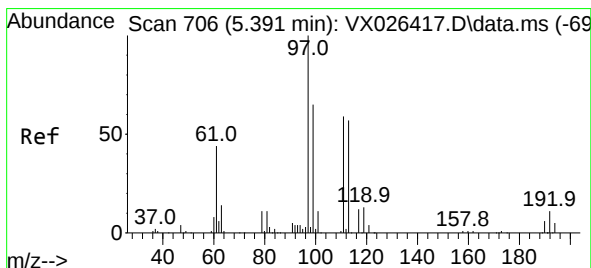
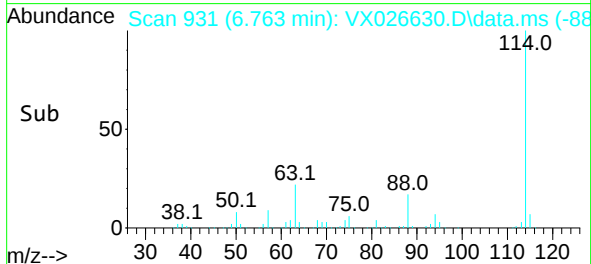
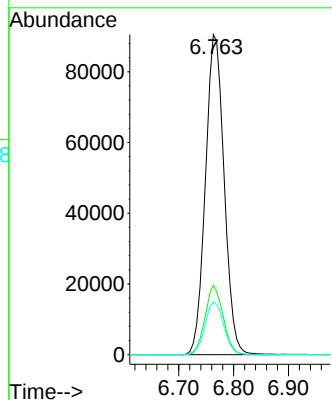
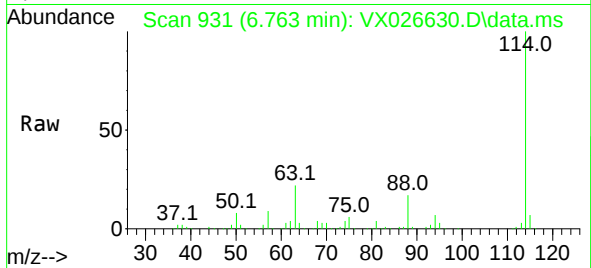




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

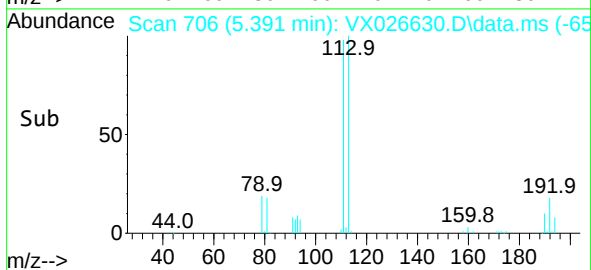
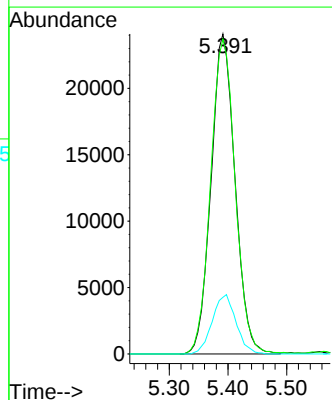
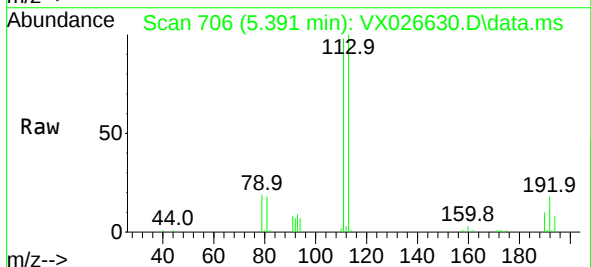
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PZ-2A

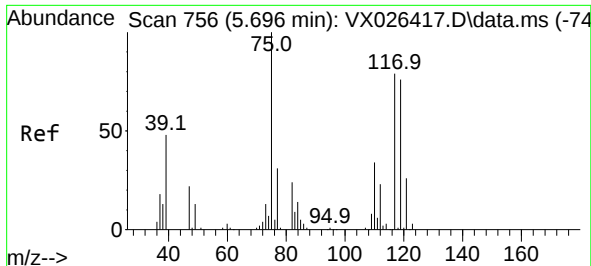
Tgt Ion:114 Resp: 214359
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.324 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Tgt Ion:113 Resp: 68278
Ion Ratio Lower Upper
113 100
111 101.0 81.2 121.8
192 18.3 15.0 22.4

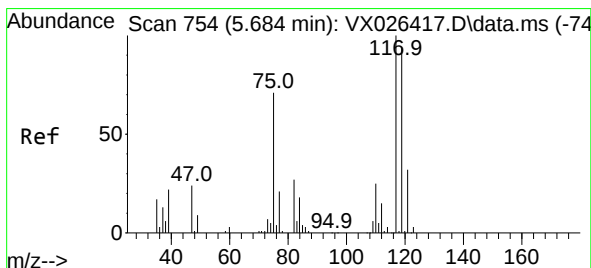
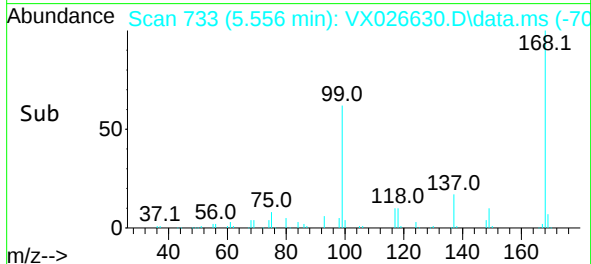
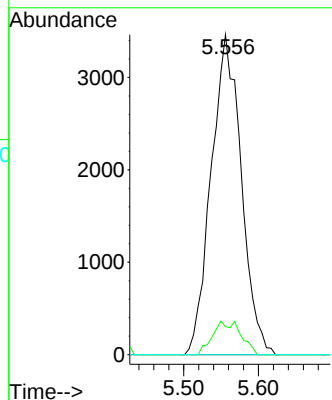
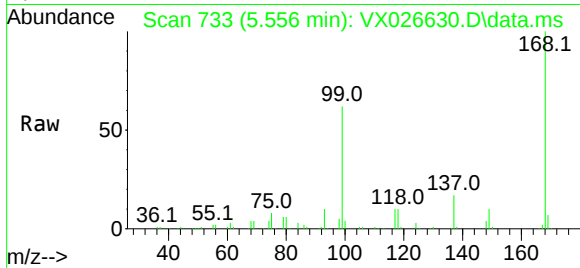




#36
1,1-Dichloropropene
Concen: 4.434 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

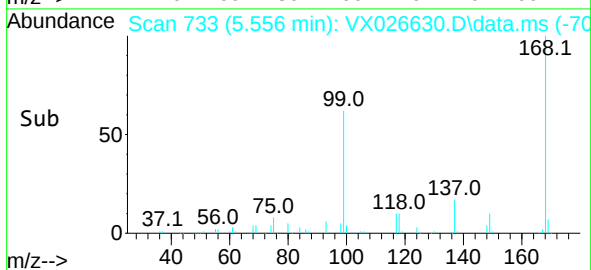
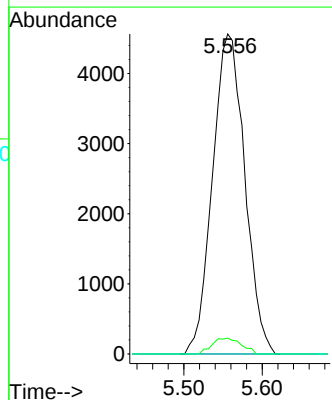
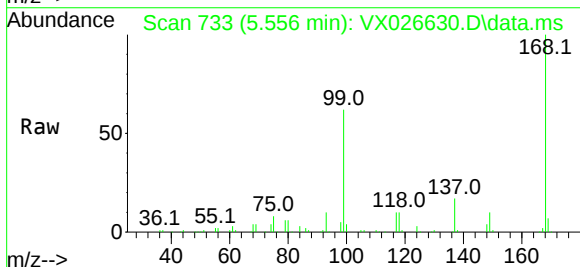
Instrument :
MSVOA_X
ClientSampleId :
PZ-2A

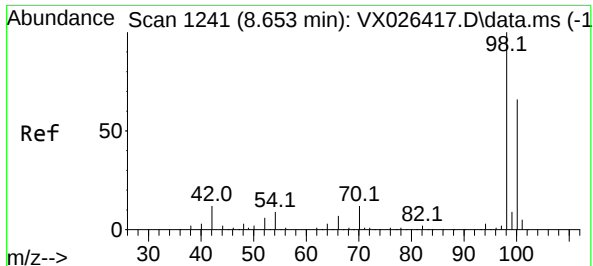
Tgt Ion: 75 Resp: 9689
Ion Ratio Lower Upper
75 100
110 9.8 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Tgt Ion: 117 Resp: 13041
Ion Ratio Lower Upper
117 100
119 5.0 74.7 112.1#
121 0.0 25.4 38.0#

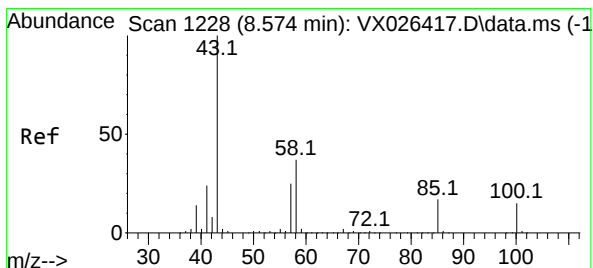
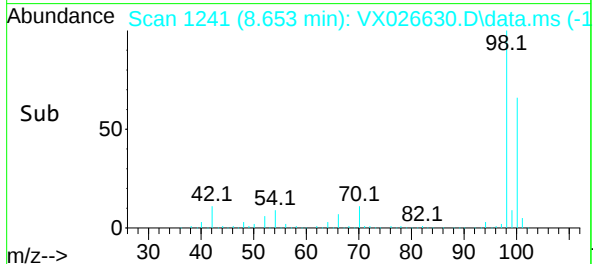
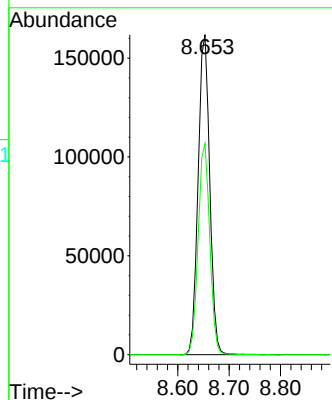
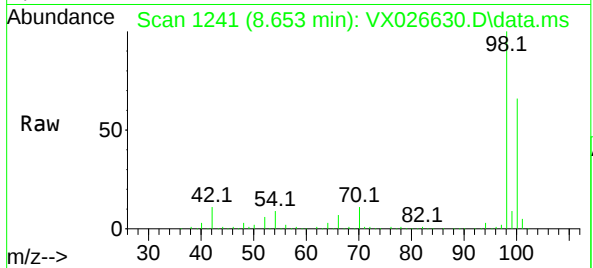




#50
Toluene-d8
Concen: 50.949 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

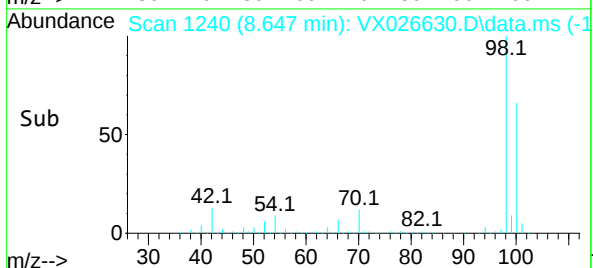
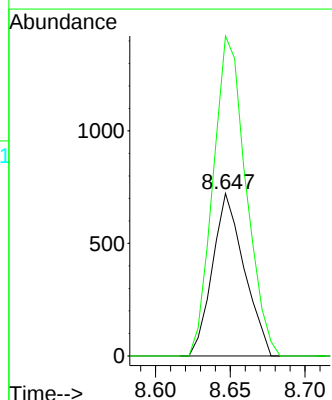
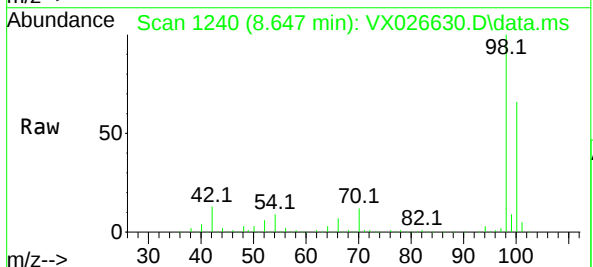
Instrument :
MSVOA_X
ClientSampleId :
PZ-2A

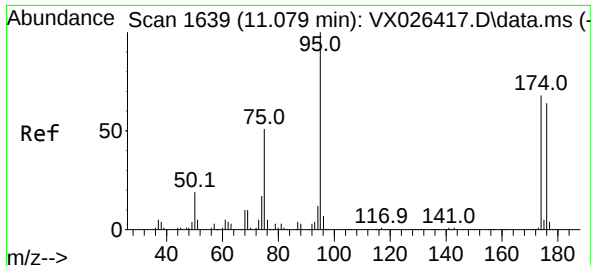
Tgt Ion: 98 Resp: 254147
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
58 204.1 30.5 45.7#

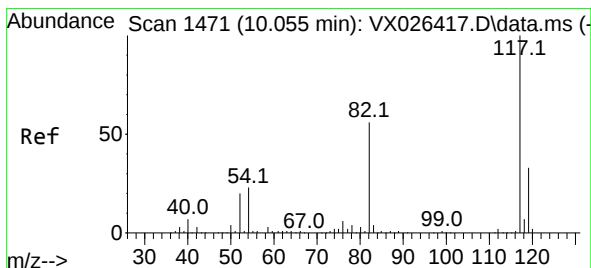
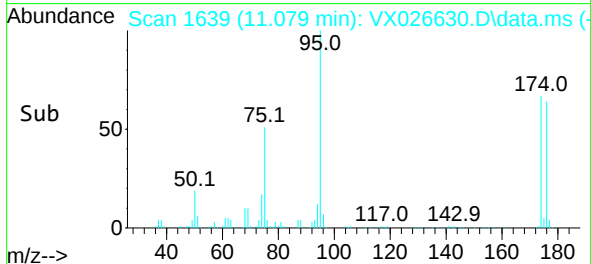
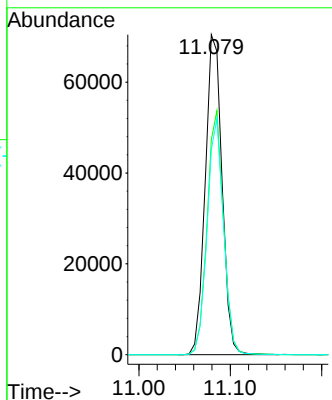
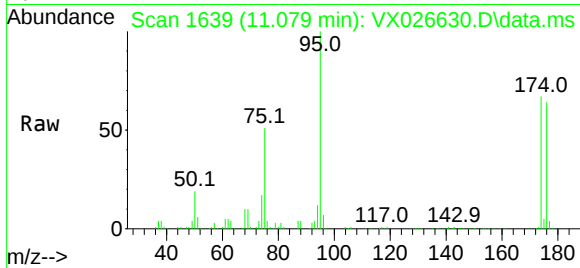




#62
4-Bromofluorobenzene
Concen: 50.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

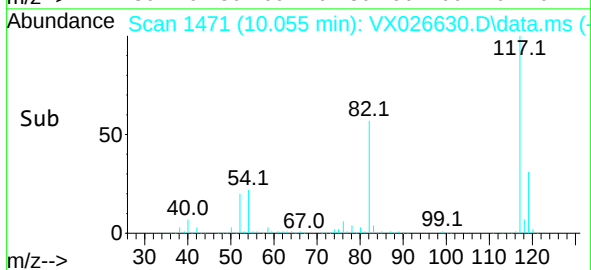
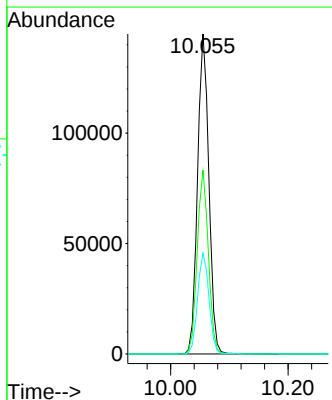
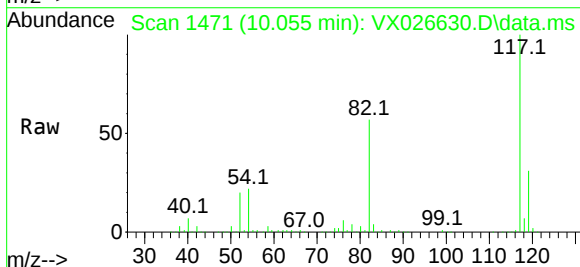
Instrument :
MSVOA_X
ClientSampleId :
PZ-2A

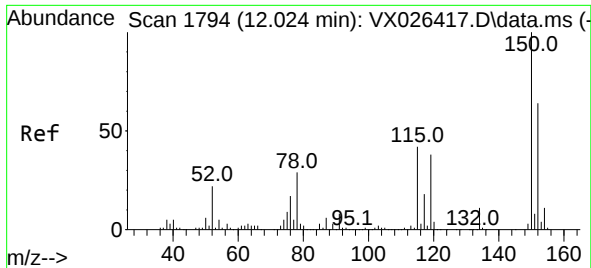
Tgt Ion: 95 Resp: 89532
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026630.D
Acq: 27 Jan 2022 17:26

Tgt Ion: 117 Resp: 192598
Ion Ratio Lower Upper
117 100
82 57.5 45.2 67.8
119 31.5 26.2 39.2

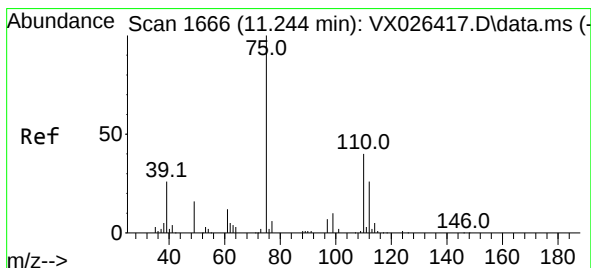
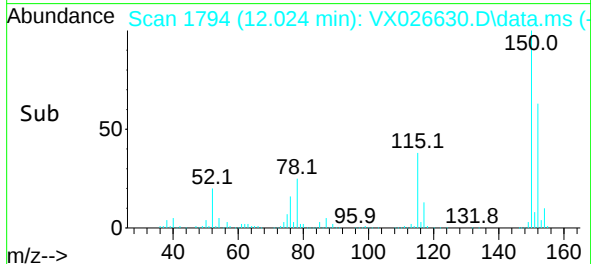
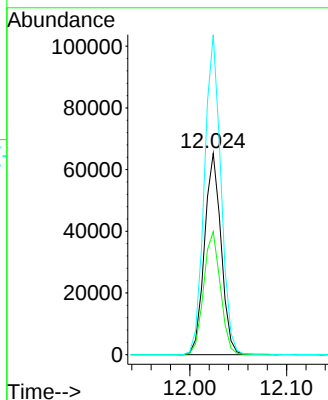
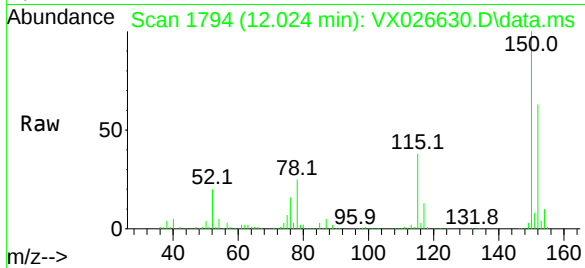




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026630.D
 Acq: 27 Jan 2022 17:26

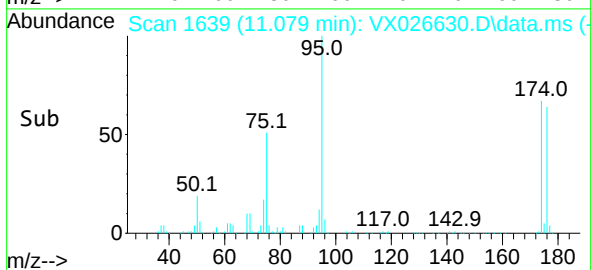
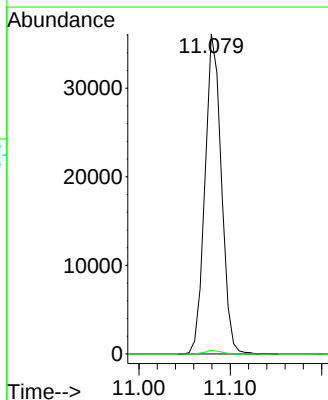
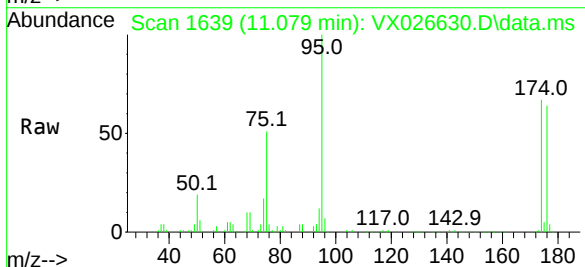
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-2A

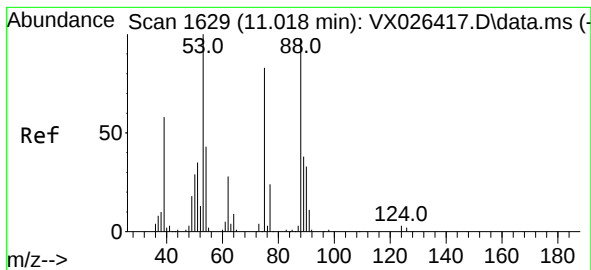
Tgt Ion:152 Resp: 77946
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.2 132.6
 150 158.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 26.169 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026630.D
 Acq: 27 Jan 2022 17:26

Tgt Ion: 75 Resp: 44912
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.312 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026630.D
 Acq: 27 Jan 2022 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-2A

Tgt Ion: 75 Resp: 44912
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

