

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027679.D
 Acq On : 23 Mar 2022 20:09
 Operator : JC/MD
 Sample : N2028-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:37:17 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)

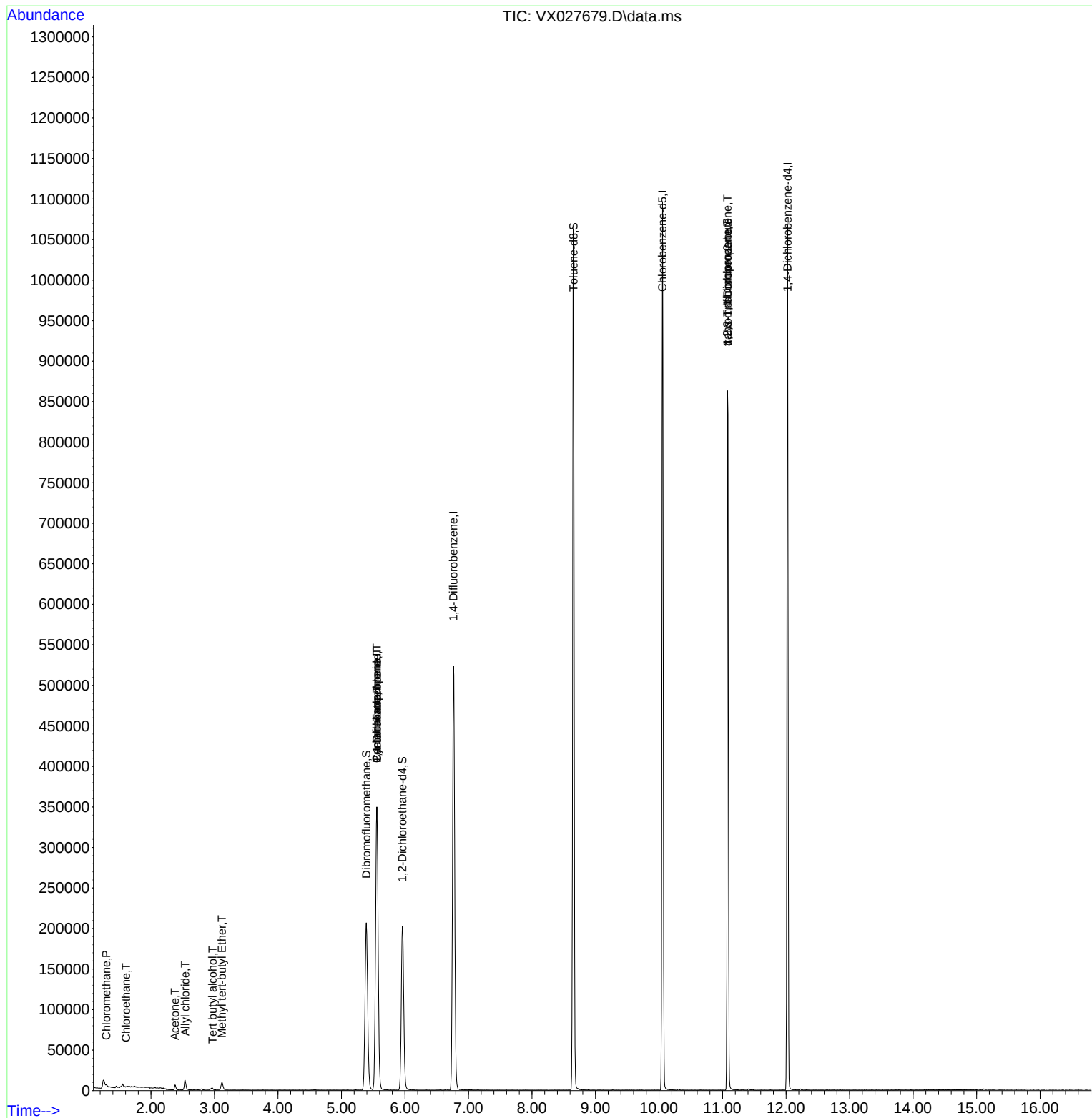
Internal Standards						
1) Pentafluorobenzene	5.556	168	344734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	560183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	531105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204776	48.219	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.440%
35) Dibromofluoromethane	5.391	113	182300	50.581	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.160%
50) Toluene-d8	8.653	98	660002	48.393	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	239386	47.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	885	0.301	ug/l	99
5) Bromomethane	1.611	94	440	Below Cal	#	77
6) Chloroethane	1.605	64	1049	0.504	ug/l #	43
11) Tert butyl alcohol	2.971	59	2851	3.523	ug/l #	91
14) Allyl chloride	2.538	41	1337	0.267	ug/l #	62
16) Acetone	2.380	43	6213	3.589	ug/l	88
19) Methyl tert-butyl Ether	3.117	73	10618	0.983	ug/l	99
31) Cyclohexane	5.556	56	5758	1.092	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23997	4.872	ug/l #	51
38) Carbon Tetrachloride	5.556	117	34856	6.186	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	110133	22.015	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	110133	66.860	ug/l #	15

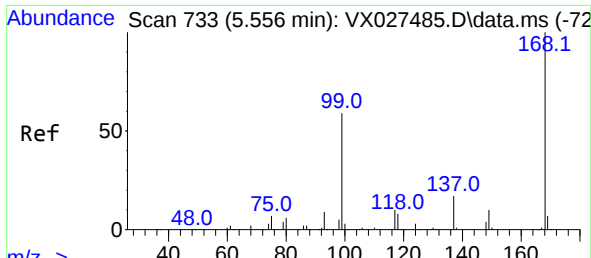
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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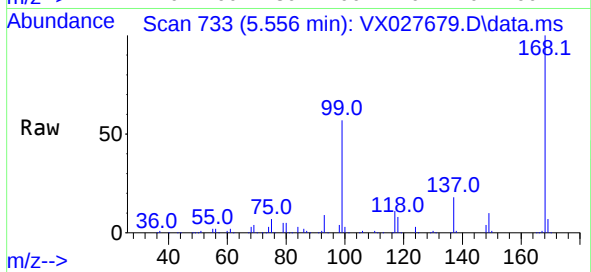
Quant Time: Mar 24 04:37:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
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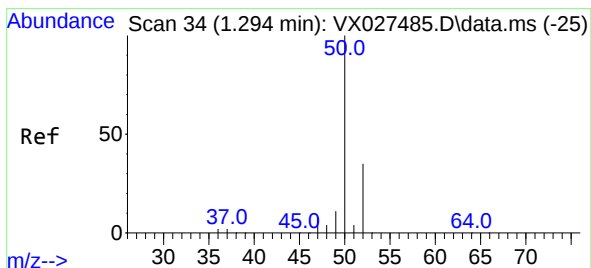
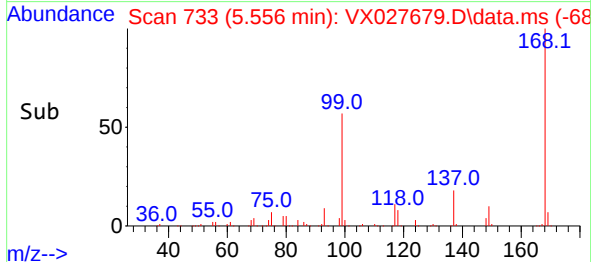
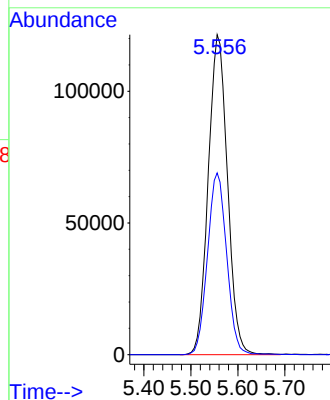


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Instrument :
MSVOA_X
ClientSampleId :

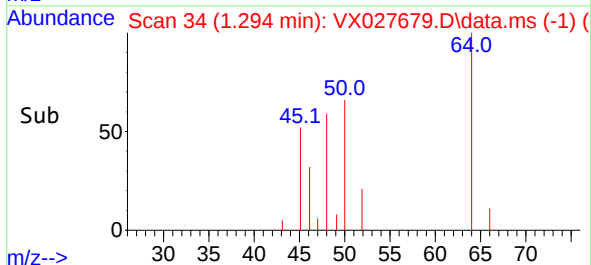
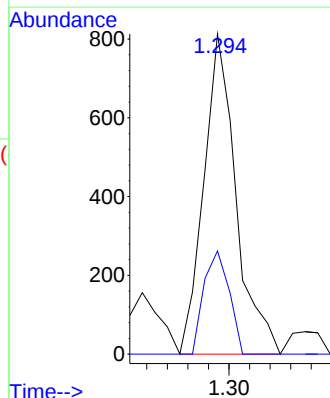
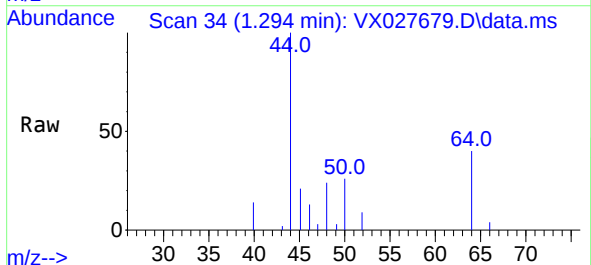


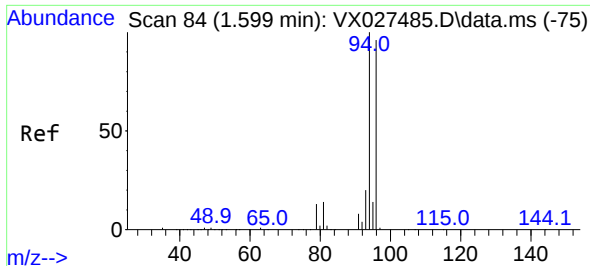
Tgt Ion:168 Resp: 344734
Ion Ratio Lower Upper
168 100
99 56.8 41.7 62.5



#3
Chloromethane
Concen: 0.301 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Tgt Ion: 50 Resp: 885
Ion Ratio Lower Upper
50 100
52 32.2 26.4 39.6

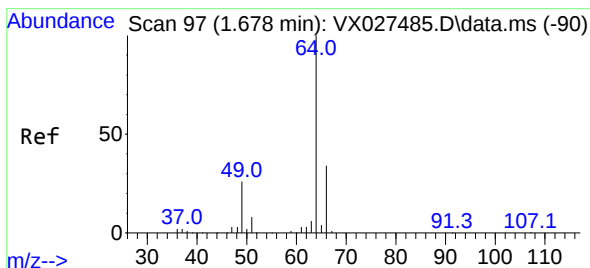
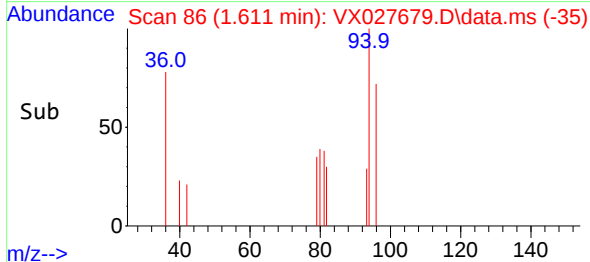
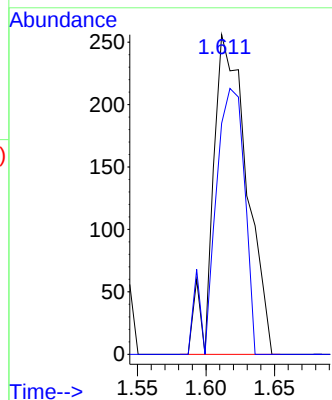
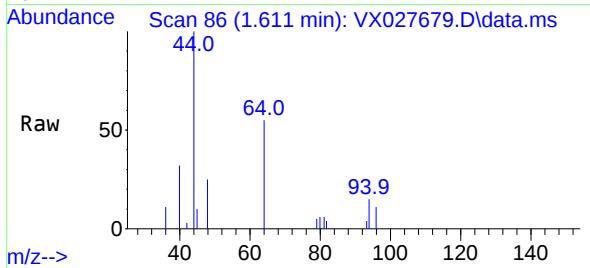




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

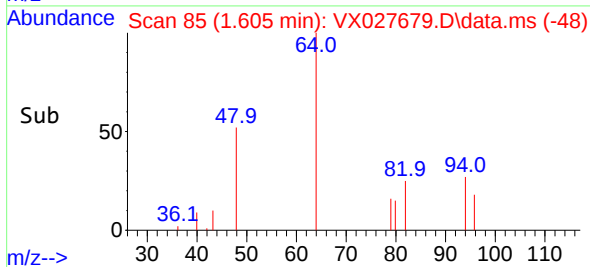
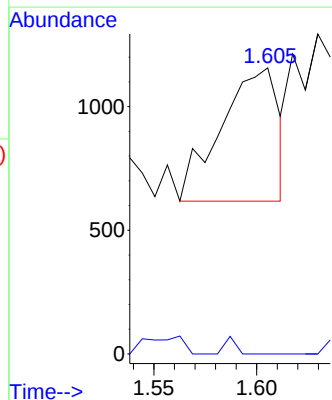
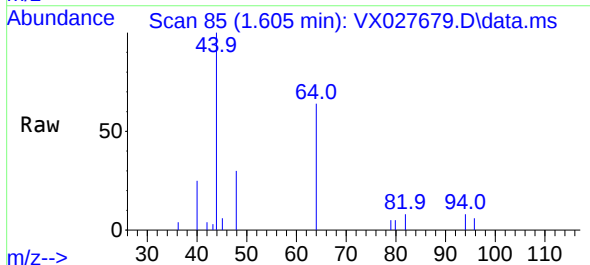
Instrument :
MSVOA_X
ClientSampleId :

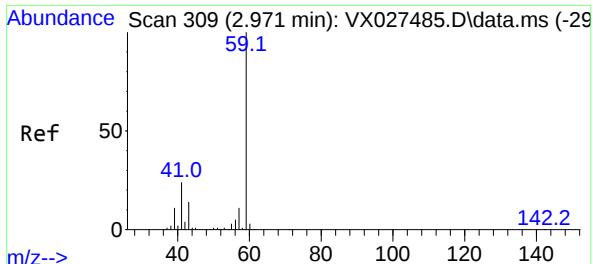
Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 72.3 75.3 112.9#



#6
Chloroethane
Concen: 0.504 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.073 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Tgt Ion: 64 Resp: 1049
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

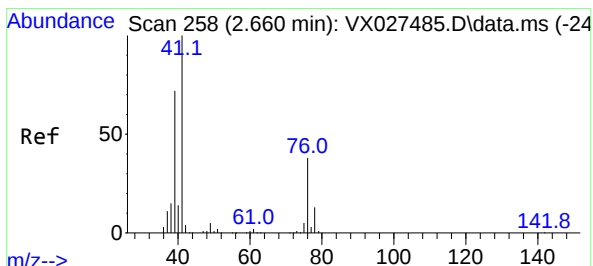
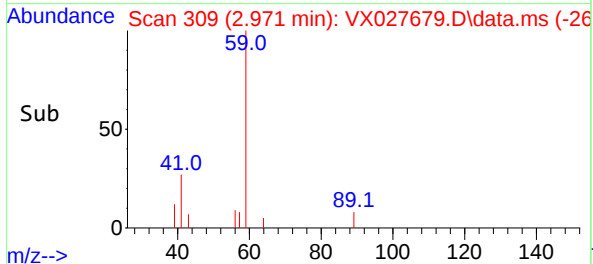
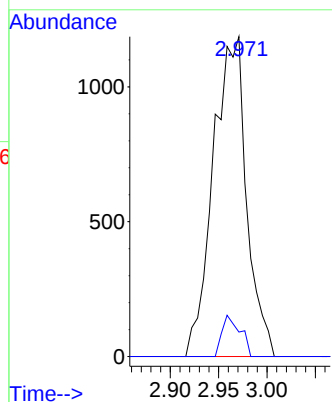
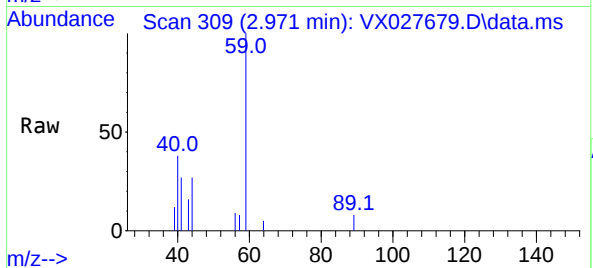




#11
Tert butyl alcohol
Concen: 3.523 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

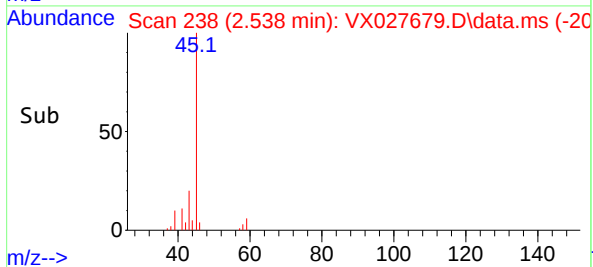
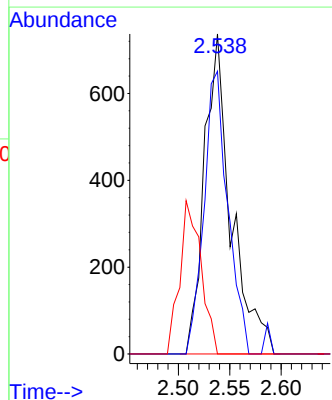
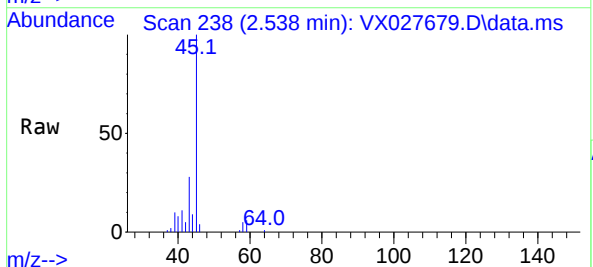
Instrument :
MSVOA_X
ClientSampleId :

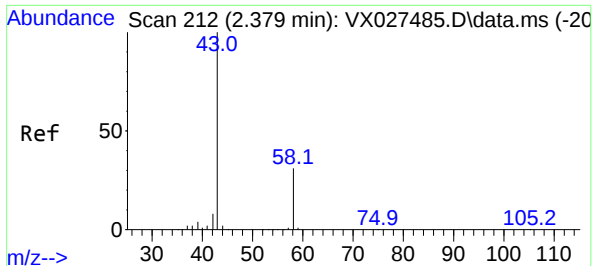
Tgt Ion: 59 Resp: 2851
Ion Ratio Lower Upper
59 100
57 7.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.267 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.122 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Tgt Ion: 41 Resp: 1337
Ion Ratio Lower Upper
41 100
39 78.8 50.4 75.6#
76 0.0 32.7 49.1#

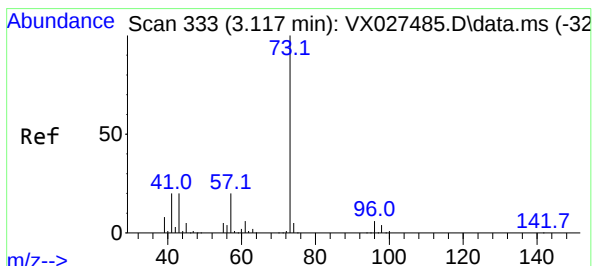
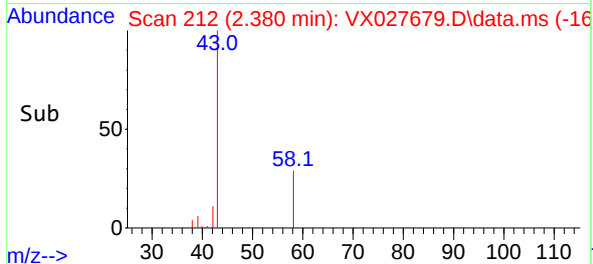
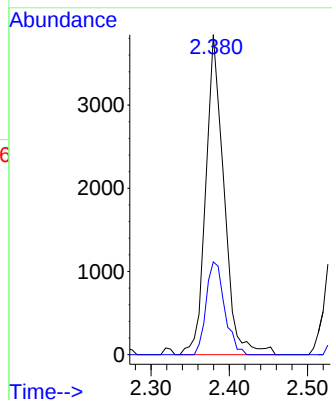
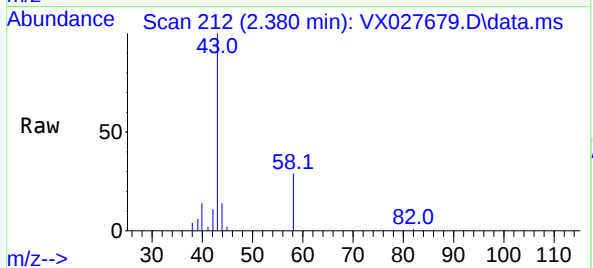




#16
Acetone
Concen: 3.589 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

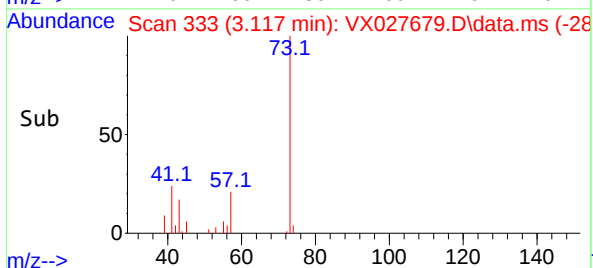
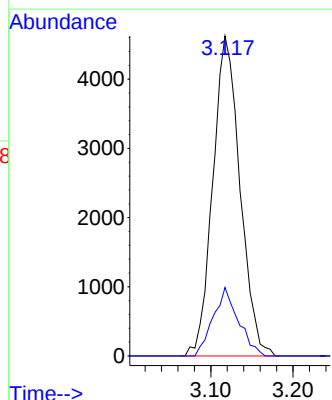
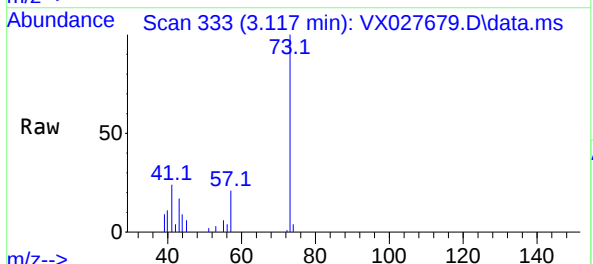
Instrument :
MSVOA_X
ClientSampleId :

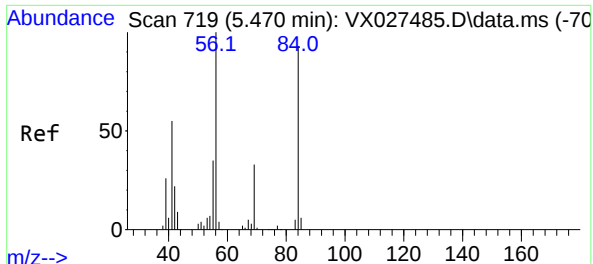
Tgt Ion: 43 Resp: 6213
Ion Ratio Lower Upper
43 100
58 29.0 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 0.983 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

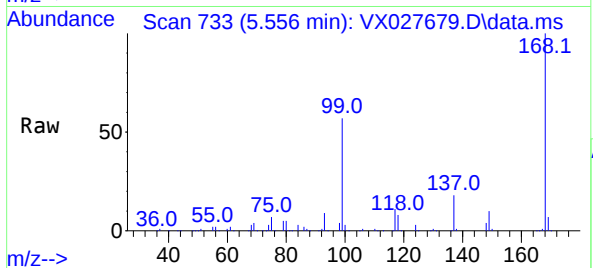
Tgt Ion: 73 Resp: 10618
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



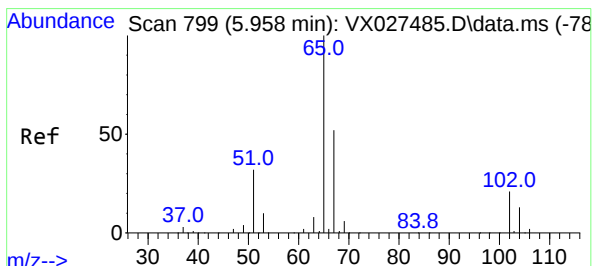
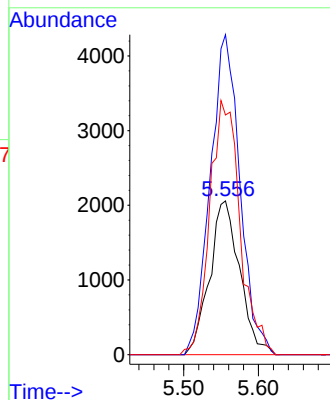
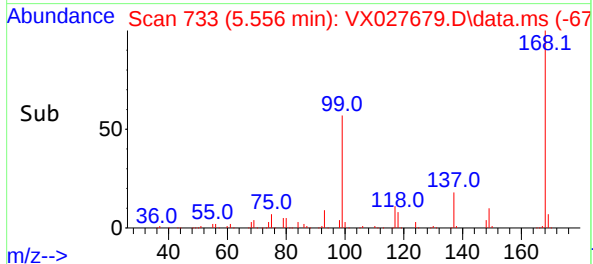


#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Instrument :
MSVOA_X
ClientSampleId :

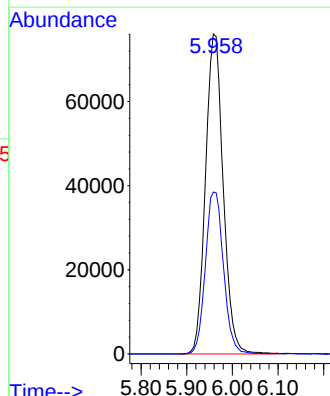
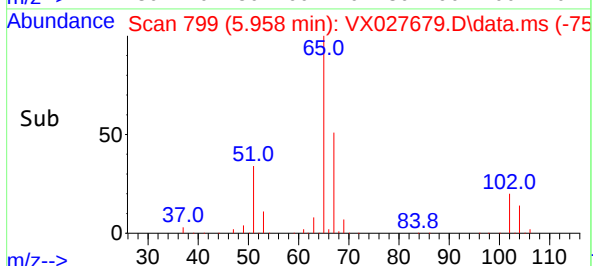
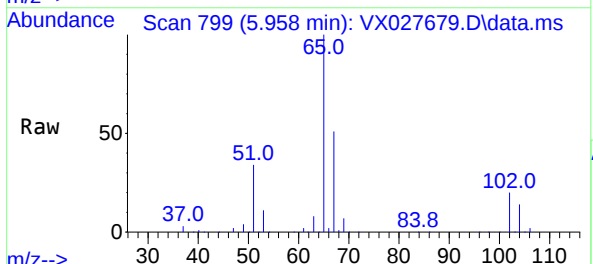


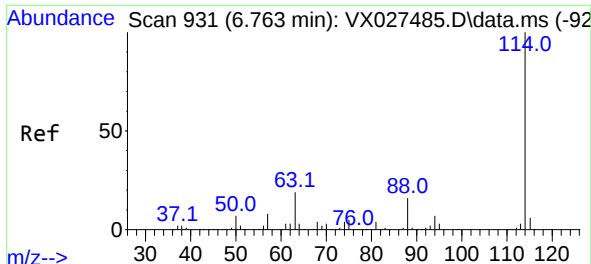
Tgt Ion: 56 Resp: 5758
Ion Ratio Lower Upper
56 100
69 208.2 26.7 40.1#
84 156.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.219 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

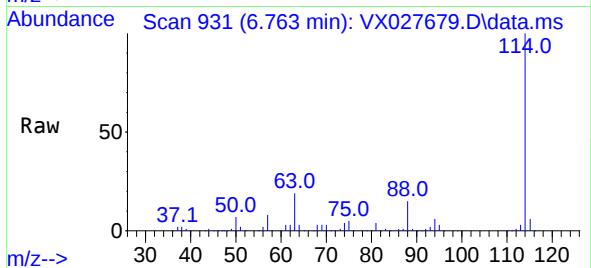
Tgt Ion: 65 Resp: 204776
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4



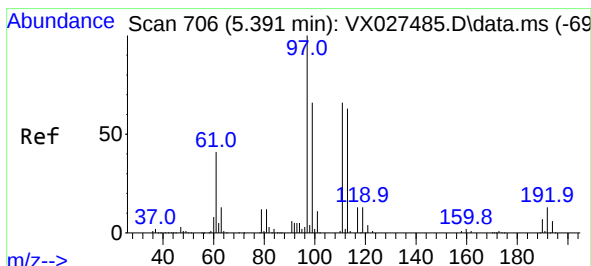
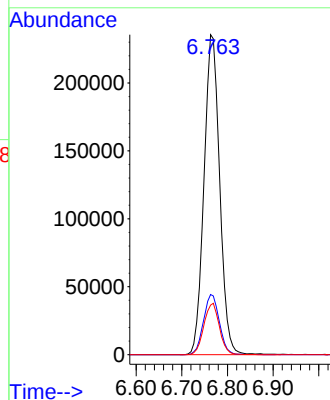
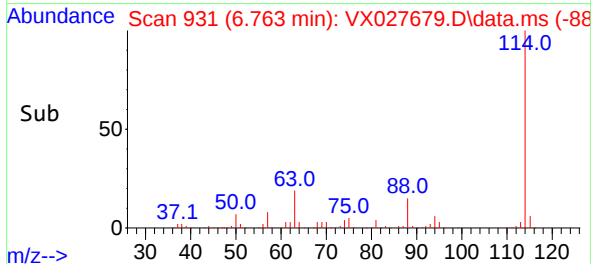


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Instrument :
MSVOA_X
ClientSampleId :

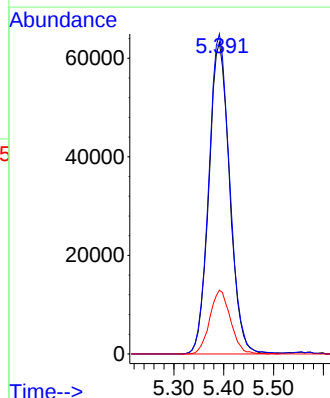
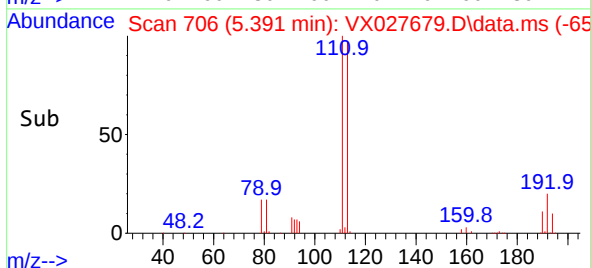
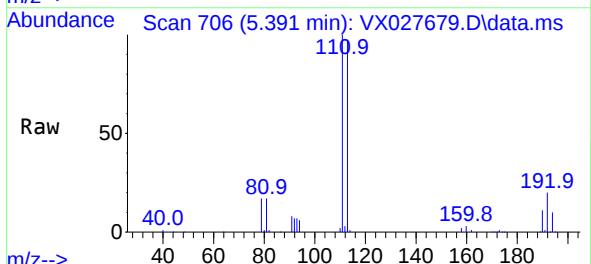


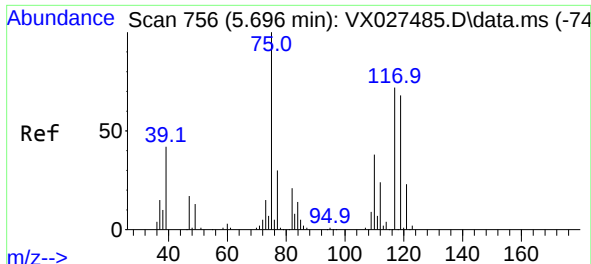
Tgt Ion:114 Resp: 560183
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.581 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

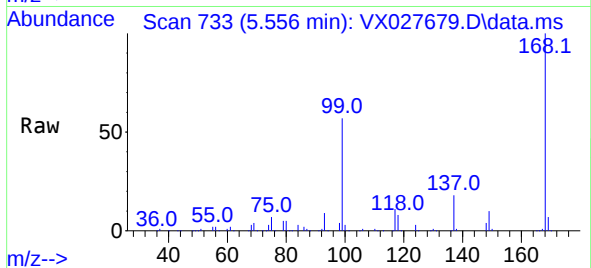
Tgt Ion:113 Resp: 182300
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 20.4 16.9 25.3



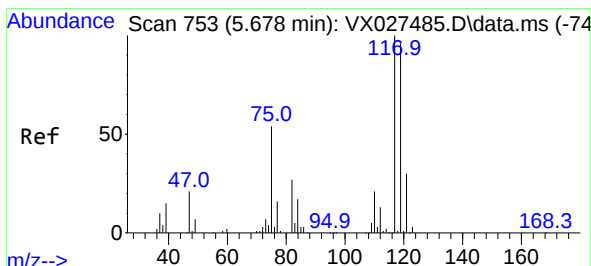
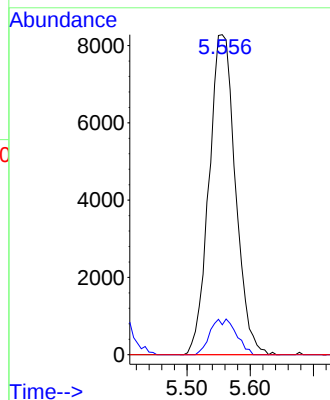
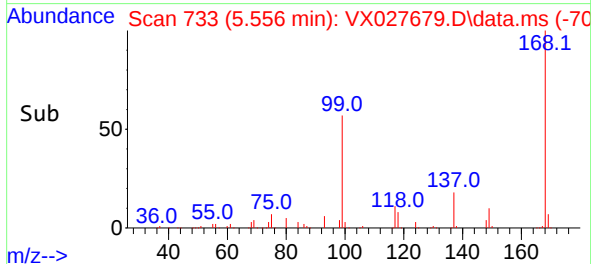


#36
1,1-Dichloropropene
Concen: 4.872 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

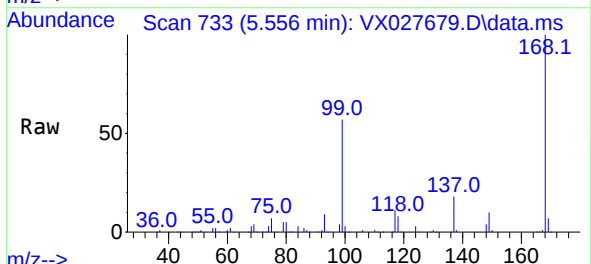
Instrument :
MSVOA_X
ClientSampleId :



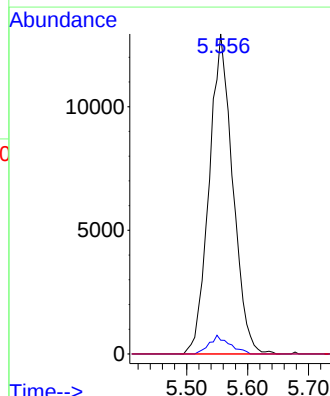
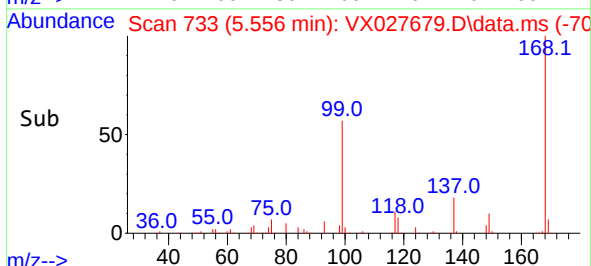
Tgt Ion: 75 Resp: 23997
Ion Ratio Lower Upper
75 100
110 11.0 18.3 54.8#
77 0.0 24.8 37.2#

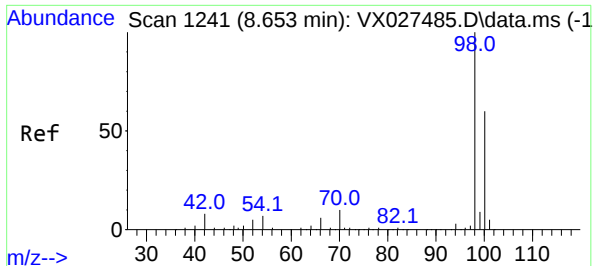


#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09



Tgt Ion: 117 Resp: 34856
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

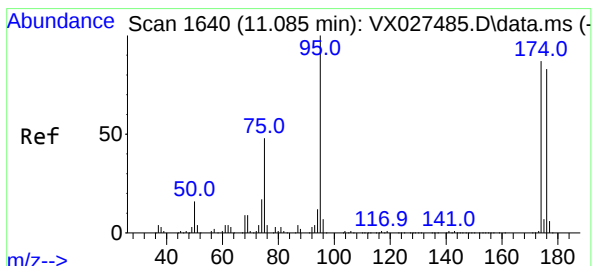
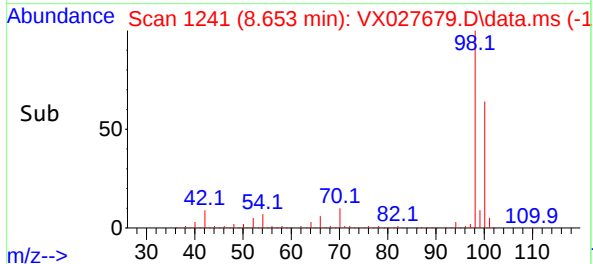
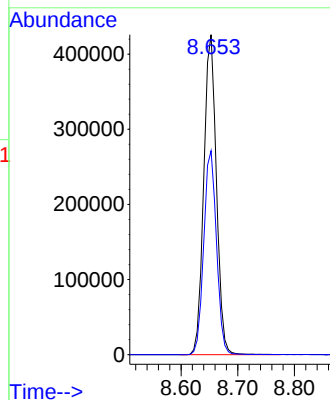
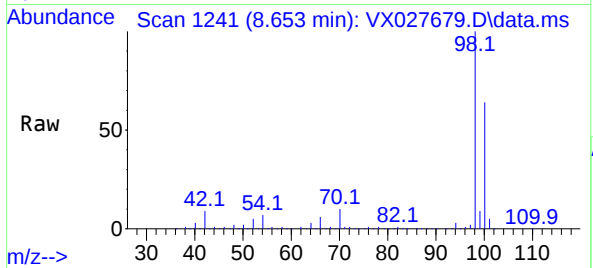




#50
Toluene-d8
Concen: 48.393 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

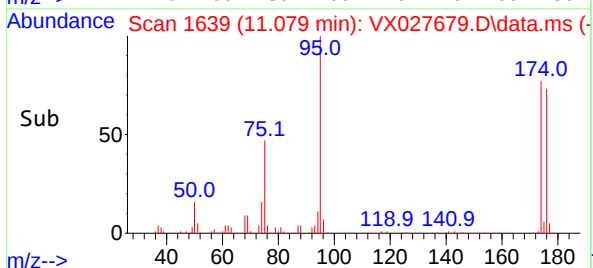
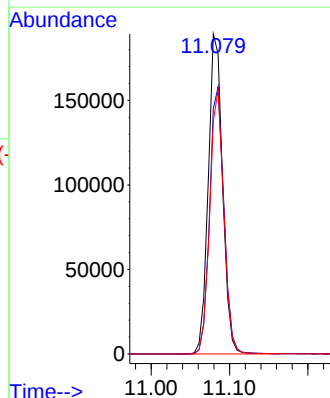
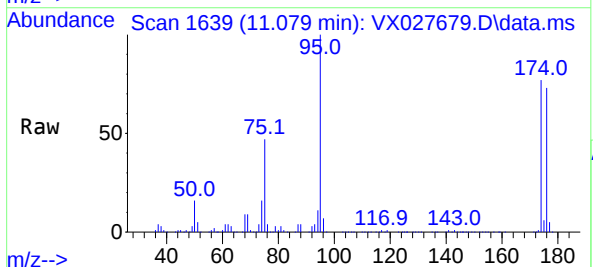
Instrument :
MSVOA_X
ClientSampleId :

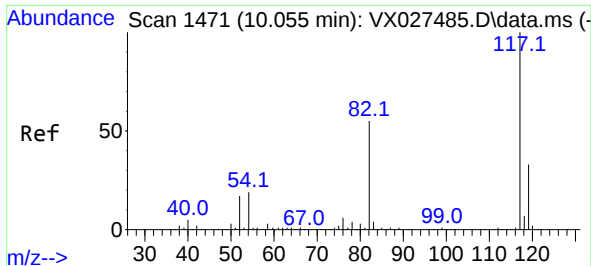
Tgt Ion: 98 Resp: 660002
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Tgt Ion: 95 Resp: 239386
Ion Ratio Lower Upper
95 100
174 83.6 0.0 163.0
176 81.4 0.0 155.0

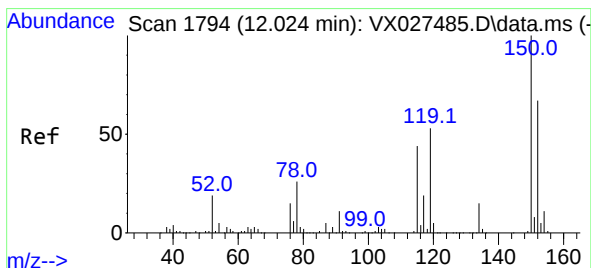
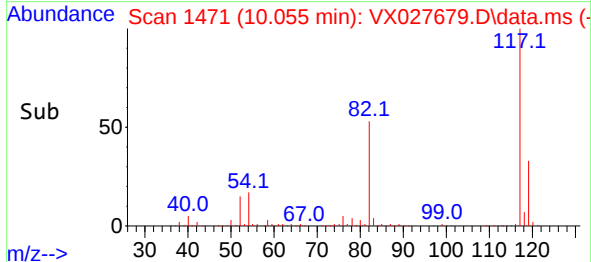
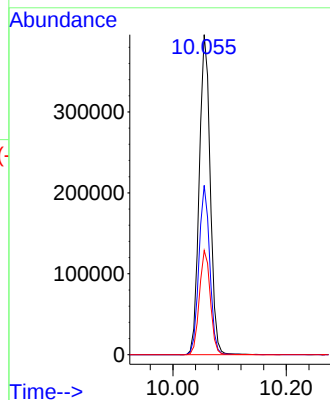
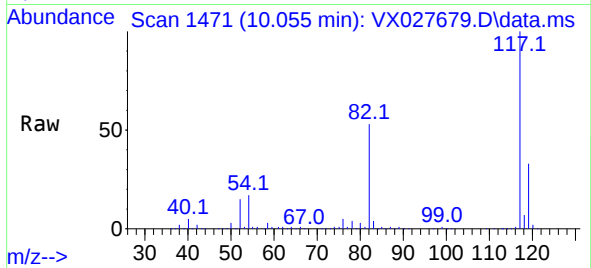




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

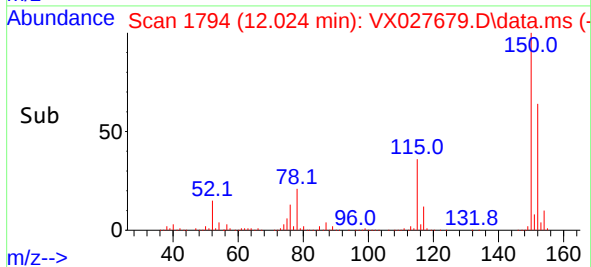
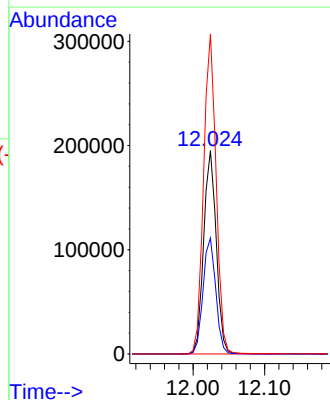
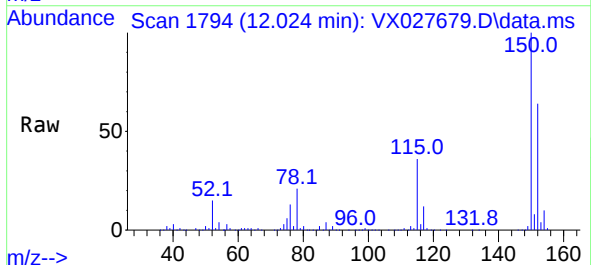
Instrument :
MSVOA_X
ClientSampleId :

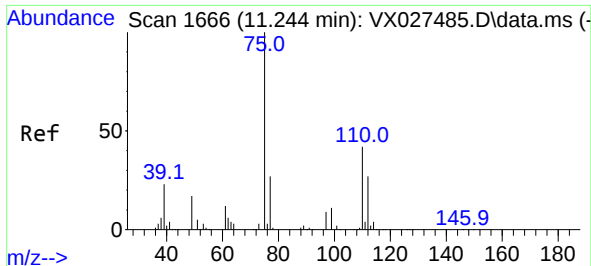
Tgt Ion:117 Resp: 531105
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Tgt Ion:152 Resp: 239170
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 156.4 0.0 338.2

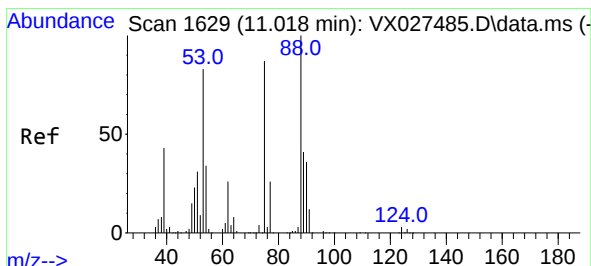
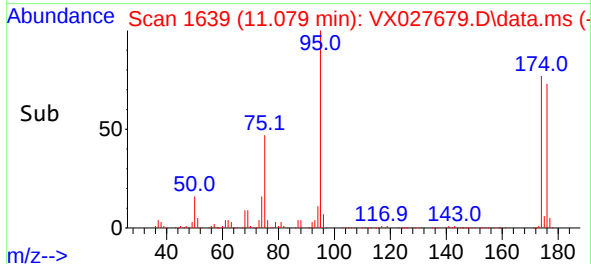
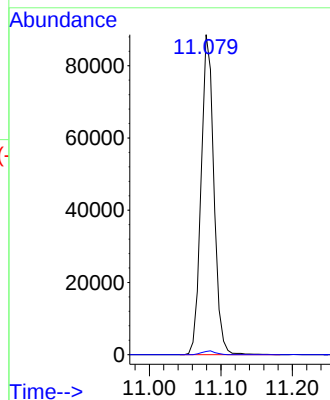
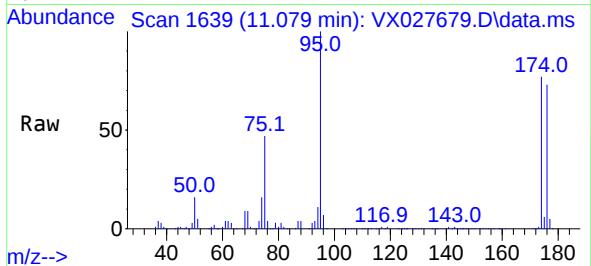




#76
1,2,3-Trichloropropane
Concen: 22.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 110133
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027679.D
Acq: 23 Mar 2022 20:09

Tgt Ion: 75 Resp: 110133
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

