

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027678.D
 Acq On : 23 Mar 2022 19:45
 Operator : JC/MD
 Sample : N2028-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:37:04 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)

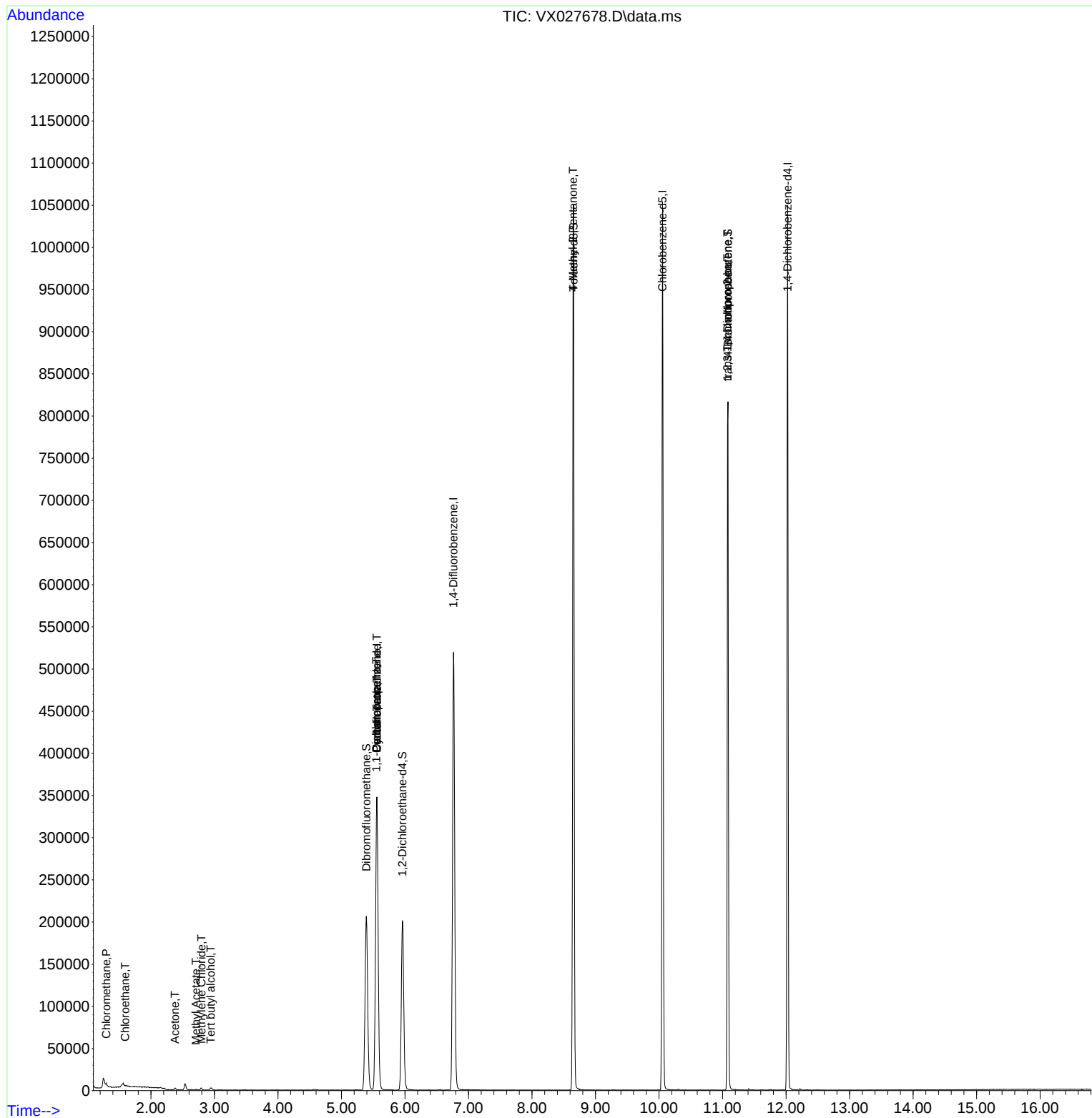
Internal Standards						
1) Pentafluorobenzene	5.556	168	341830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	557615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201227	47.786	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.580%
35) Dibromofluoromethane	5.391	113	181500	50.591	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.180%
50) Toluene-d8	8.653	98	645404	47.541	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.085	95	227313	45.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1339	0.460	ug/l #	87
5) Bromomethane	1.611	94	436	Below Cal		86
6) Chloroethane	1.593	64	966	0.468	ug/l #	51
11) Tert butyl alcohol	2.940	59	1613	2.010	ug/l #	72
16) Acetone	2.380	43	2318	1.350	ug/l	93
18) Methyl Acetate	2.709	43	1066	0.259	ug/l	99
20) Methylene Chloride	2.794	84	1079	0.292	ug/l	96
31) Cyclohexane	5.556	56	5779	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23987	4.893	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33807	6.027	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2537	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106056	22.574	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	106056	68.557	ug/l #	15

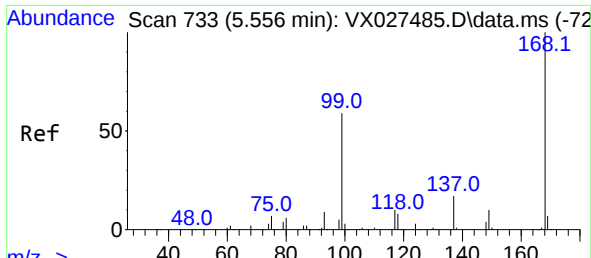
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
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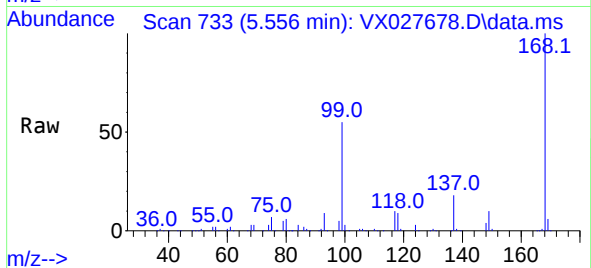
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



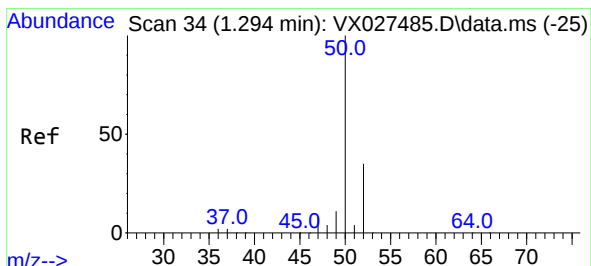
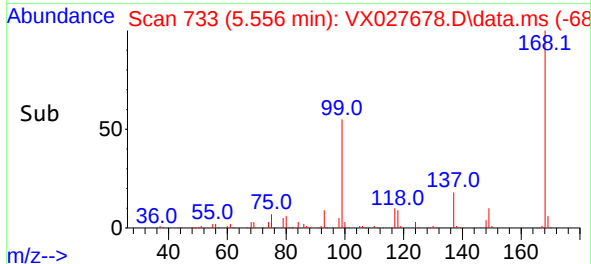
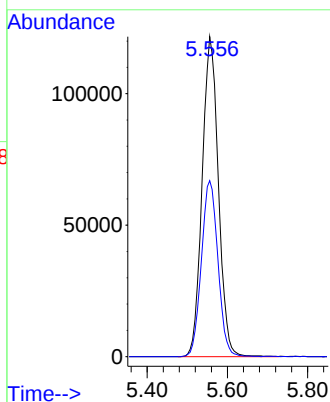


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

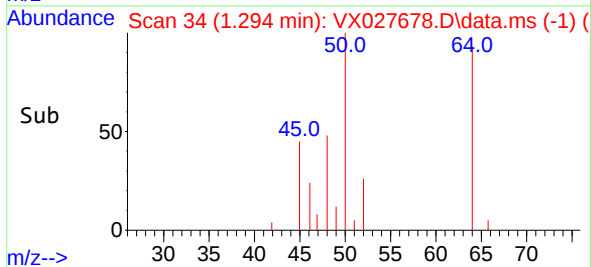
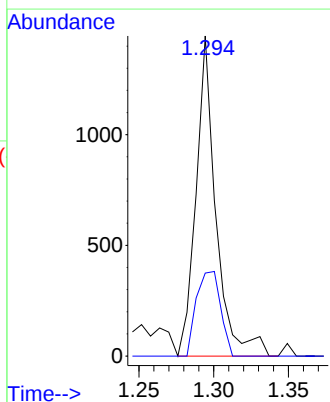
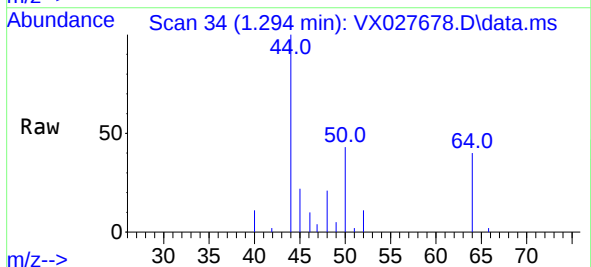


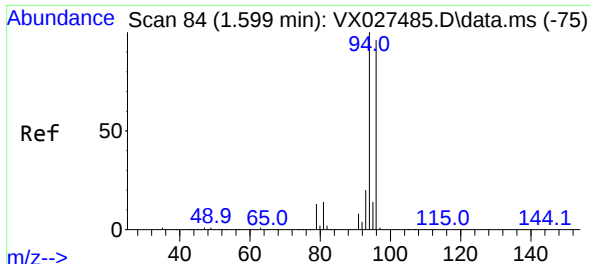
Tgt Ion:168 Resp: 341830
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#3
Chloromethane
Concen: 0.460 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

Tgt Ion: 50 Resp: 1339
Ion Ratio Lower Upper
50 100
52 25.9 26.4 39.6#

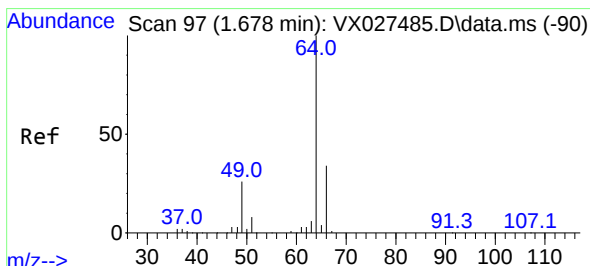
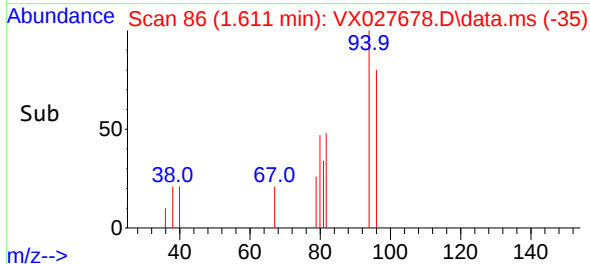
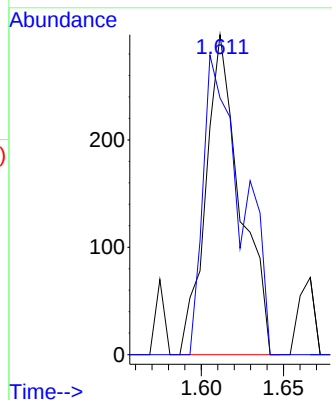
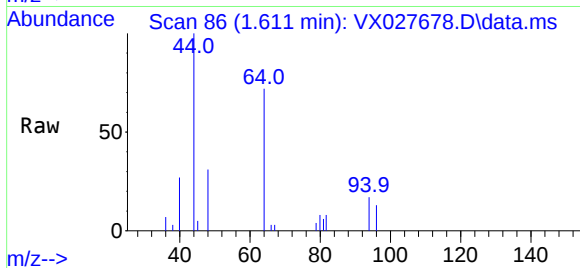




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

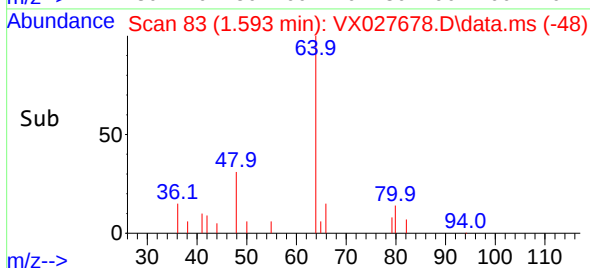
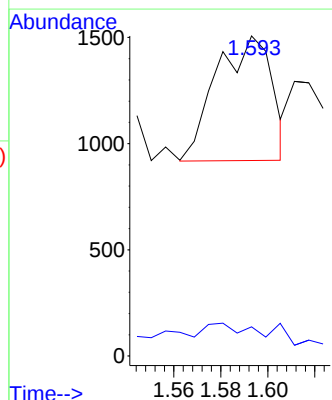
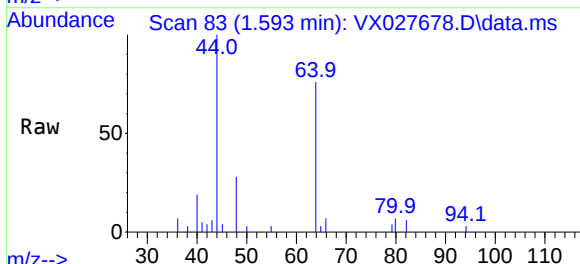
Instrument :
MSVOA_X
ClientSampleId :

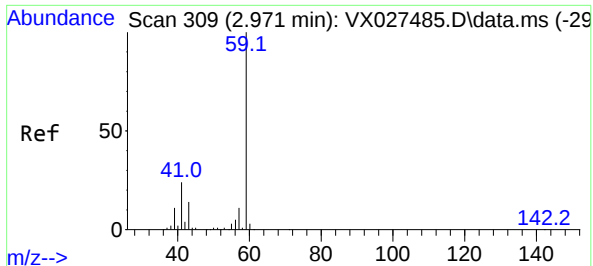
Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 80.2 75.3 112.9



#6
Chloroethane
Concen: 0.468 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.085 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

Tgt Ion: 64 Resp: 966
Ion Ratio Lower Upper
64 100
66 4.3 25.3 37.9#





#11

Tert butyl alcohol

Concen: 2.010 ug/l

RT: 2.940 min Scan# 309

Delta R.T. -0.030 min

Lab File: VX027678.D

Acq: 23 Mar 2022 19:45

Instrument :

MSVOA_X

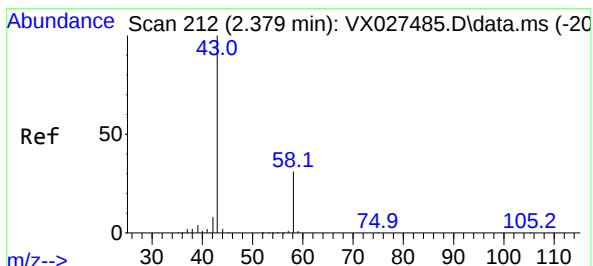
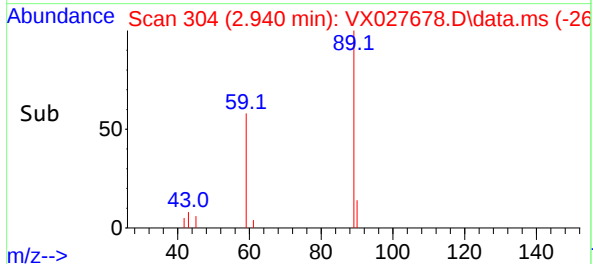
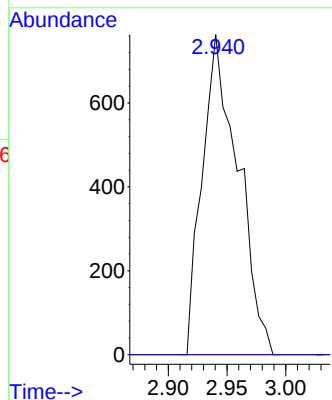
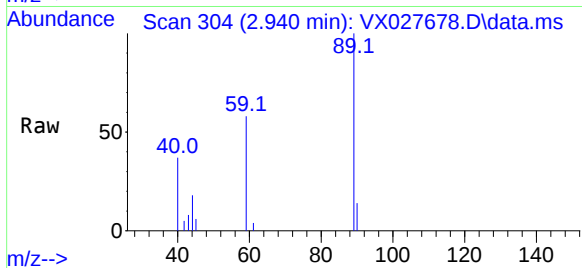
ClientSampleId :

Tgt Ion: 59 Resp: 1613

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.350 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027678.D

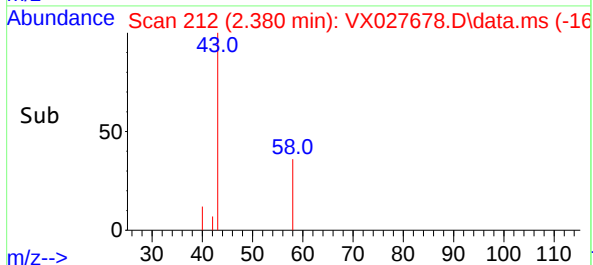
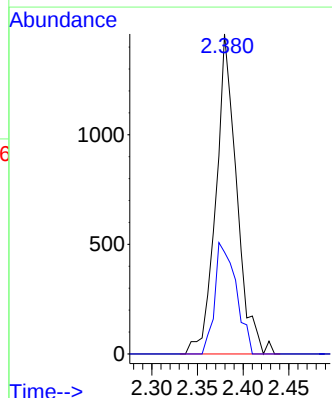
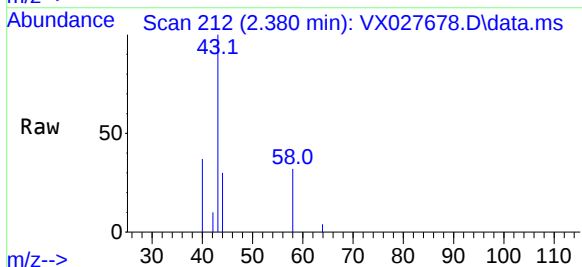
Acq: 23 Mar 2022 19:45

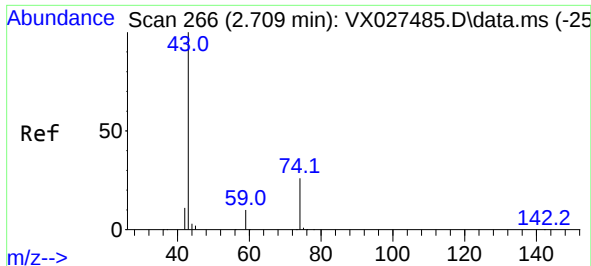
Tgt Ion: 43 Resp: 2318

Ion Ratio Lower Upper

43 100

58 31.8 28.8 43.2

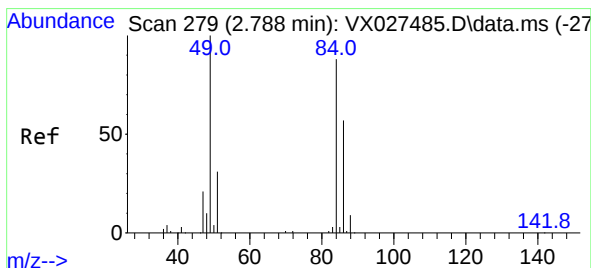
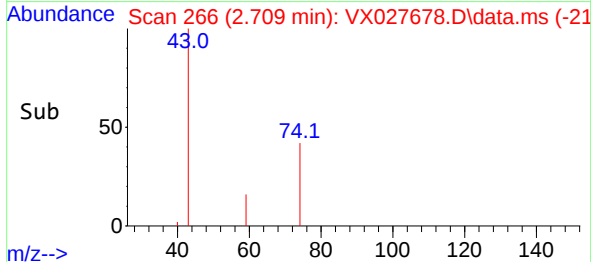
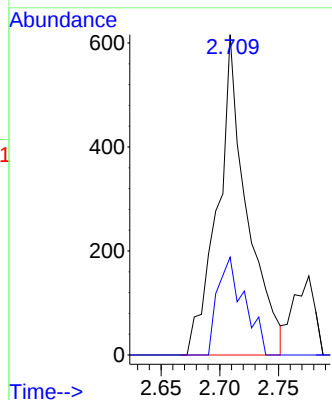
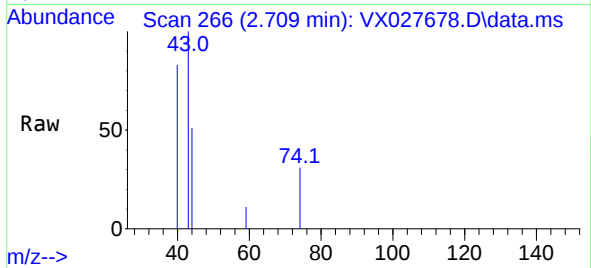




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.709 min Scan# 206
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

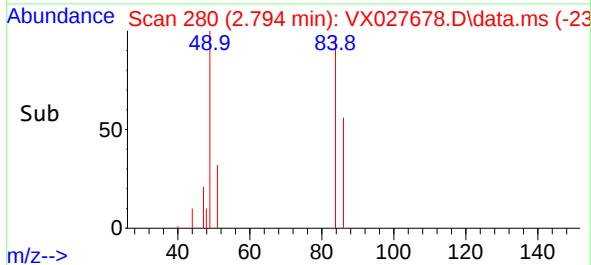
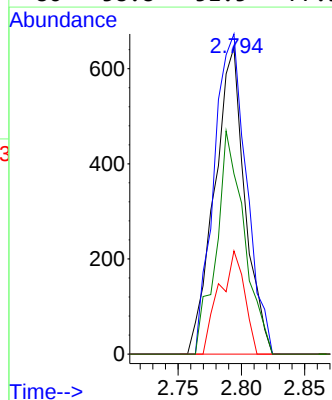
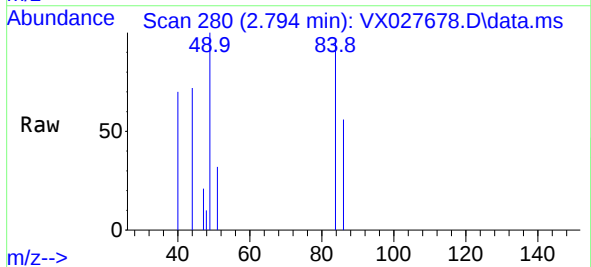
Instrument :
MSVOA_X
ClientSampleId :

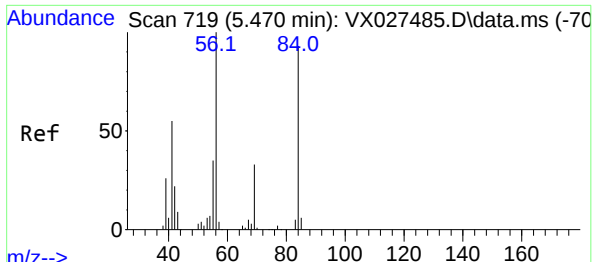
Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
74 27.8 22.8 34.2



#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

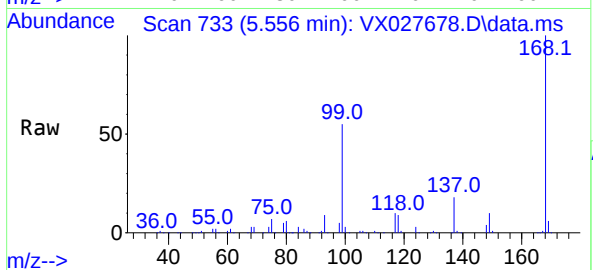
Tgt Ion: 84 Resp: 1079
Ion Ratio Lower Upper
84 100
49 104.3 85.5 128.3
51 33.6 26.6 39.8
86 58.8 51.5 77.3



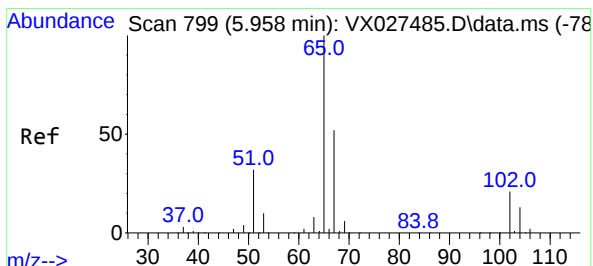
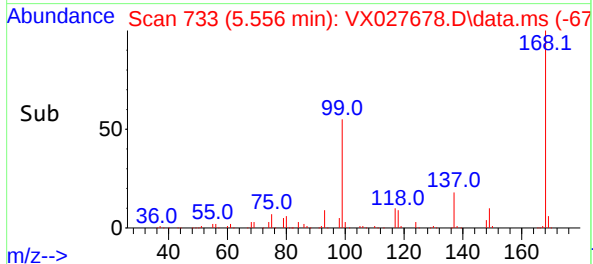
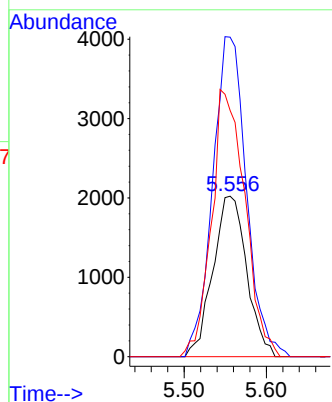


#31
Cyclohexane
Concen: 1.105 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

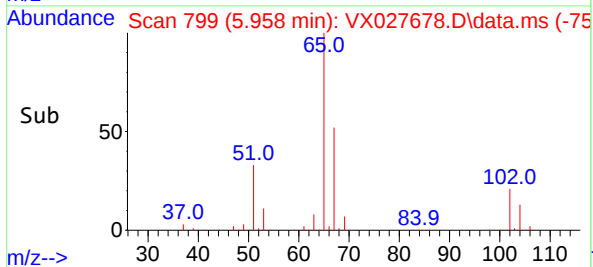
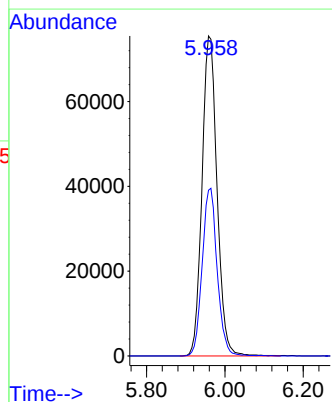
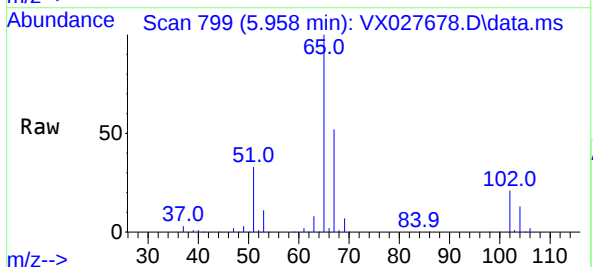


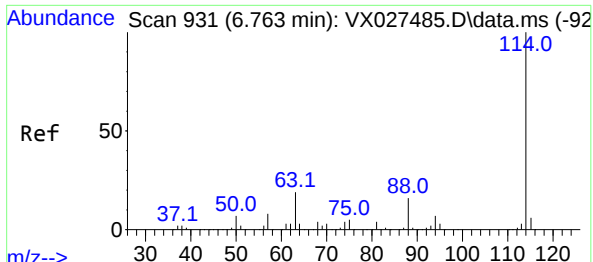
Tgt Ion: 56 Resp: 5779
Ion Ratio Lower Upper
56 100
69 199.1 26.7 40.1#
84 153.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.786 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

Tgt Ion: 65 Resp: 201227
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

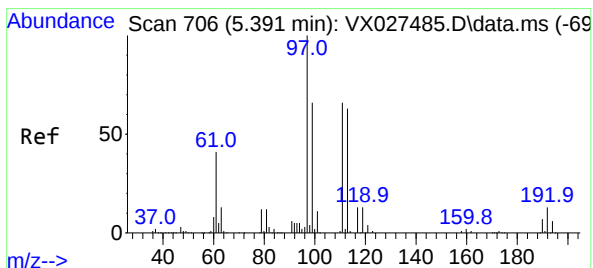
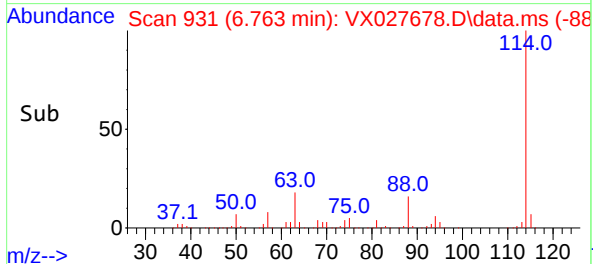
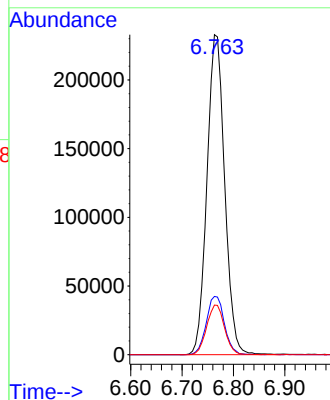
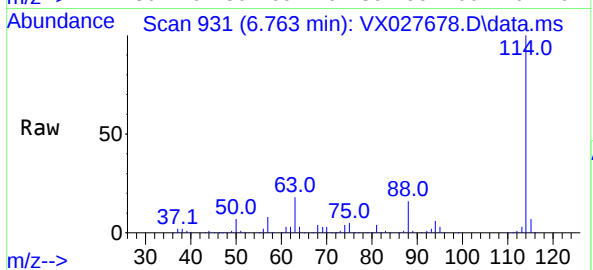




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

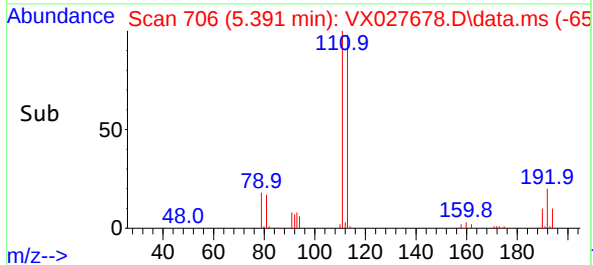
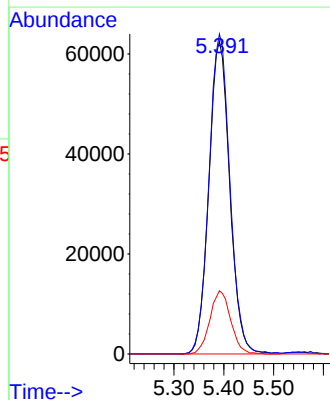
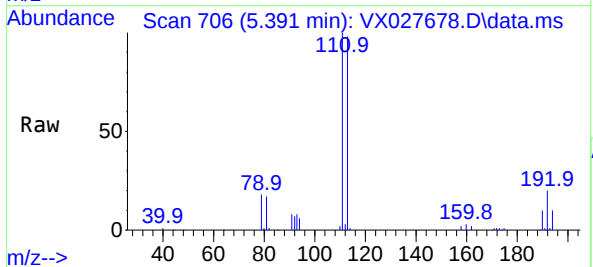
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MSVOA_X
ClientSampleId :

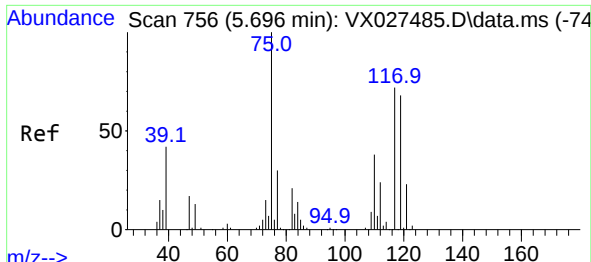
Tgt Ion:114 Resp: 557615
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.591 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

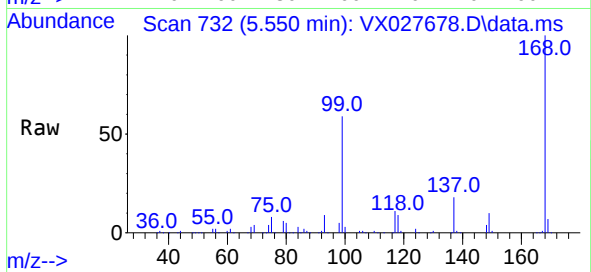
Tgt Ion:113 Resp: 181500
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.1 16.9 25.3



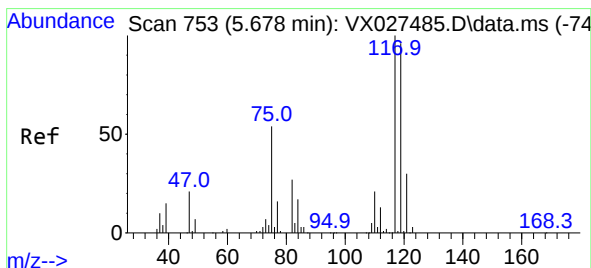
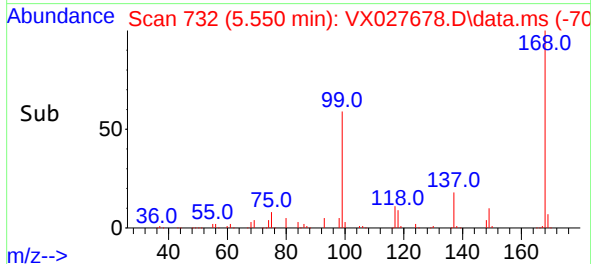
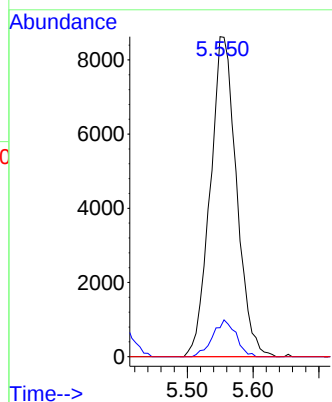


#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

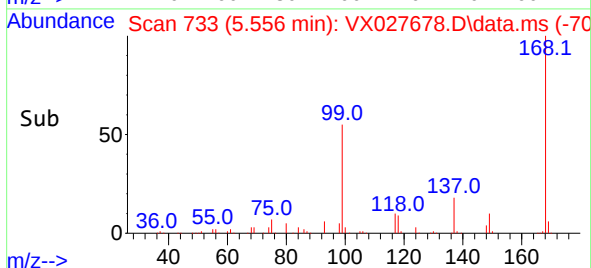
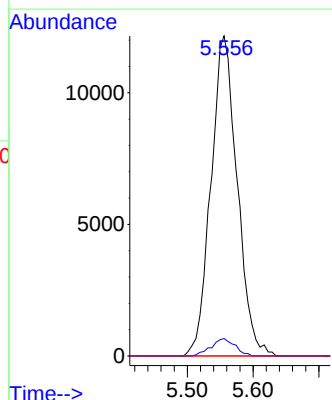
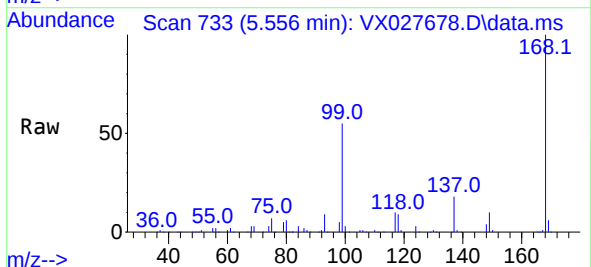


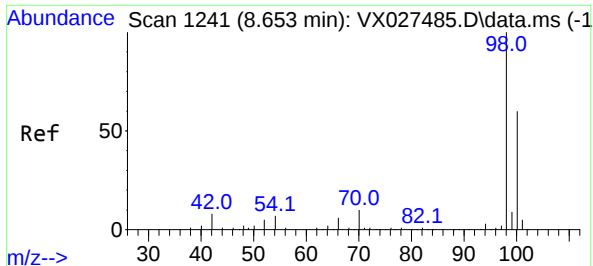
Tgt Ion: 75 Resp: 23987
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

Tgt Ion: 117 Resp: 33807
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#

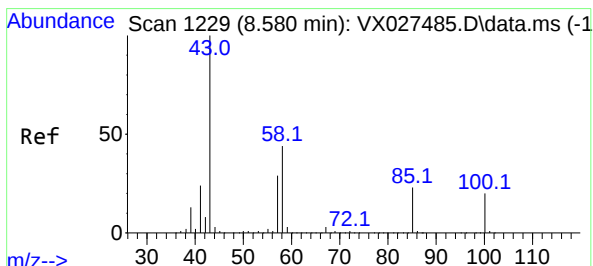
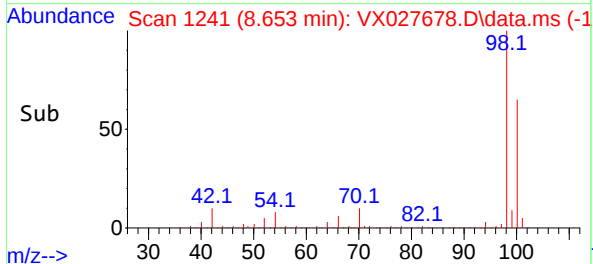
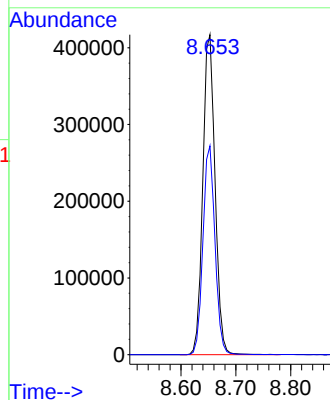
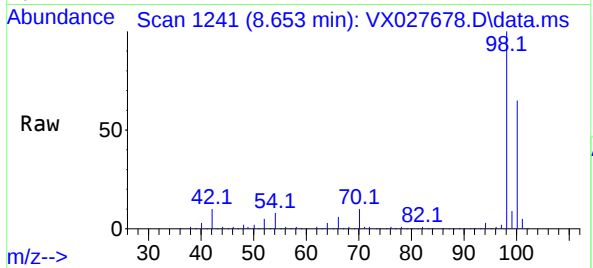




#50
Toluene-d8
Concen: 47.541 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

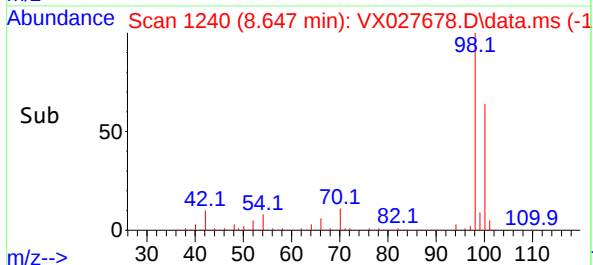
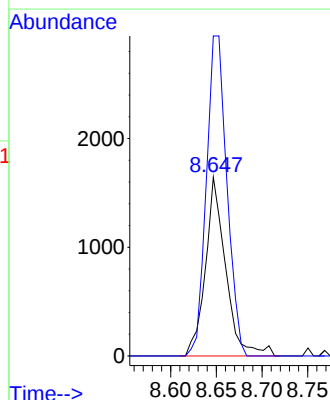
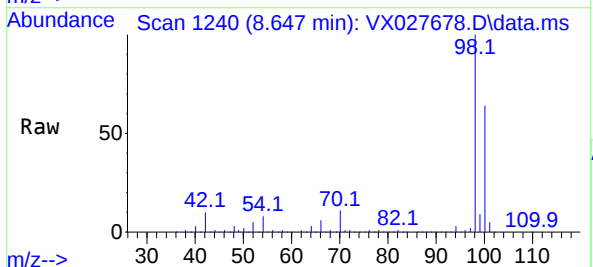
Instrument :
MSVOA_X
ClientSampleId :

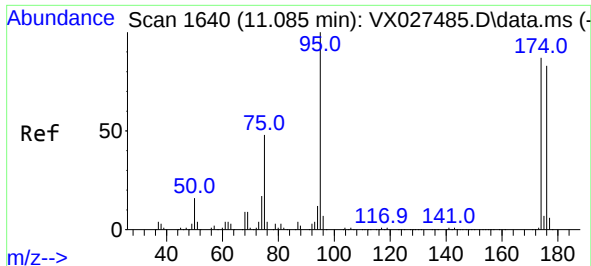
Tgt Ion: 98 Resp: 645404
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

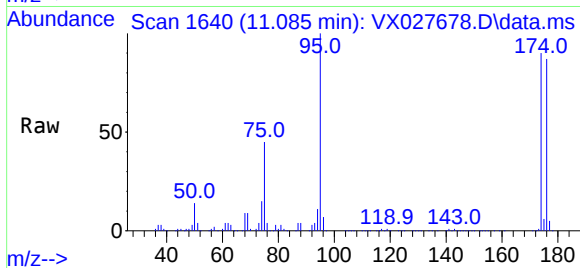
Tgt Ion: 43 Resp: 2537
Ion Ratio Lower Upper
43 100
58 181.0 36.1 54.1#



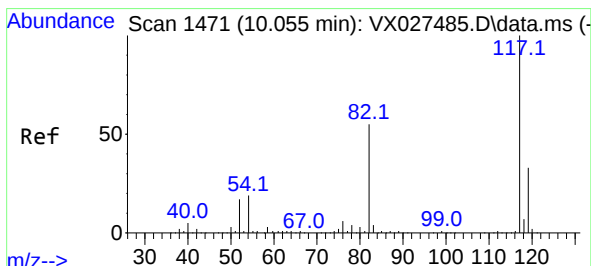
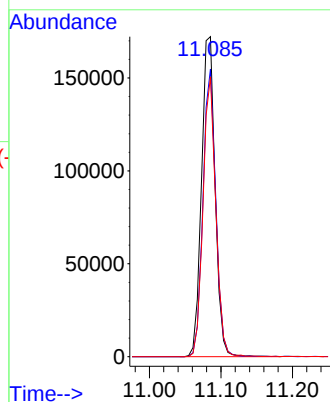
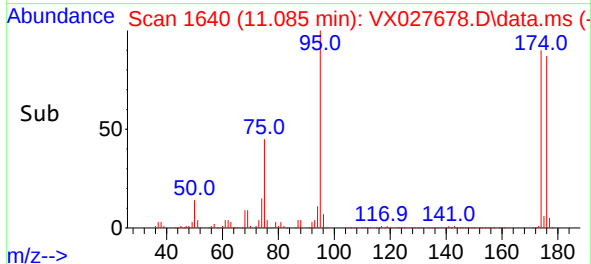


#62
4-Bromofluorobenzene
Concen: 45.555 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

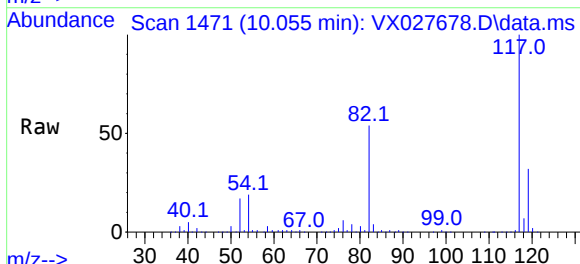
Instrument :
MSVOA_X
ClientSampleId :



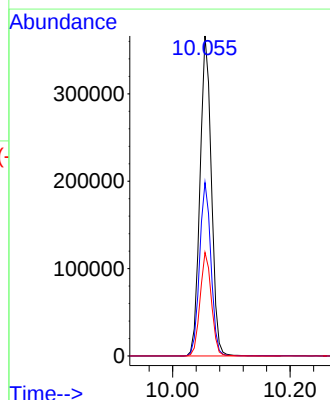
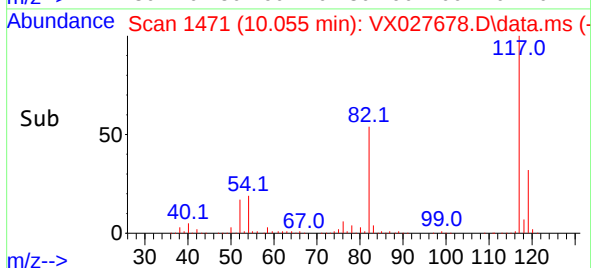
Tgt Ion: 95 Resp: 227313
Ion Ratio Lower Upper
95 100
174 84.9 0.0 163.0
176 82.3 0.0 155.0

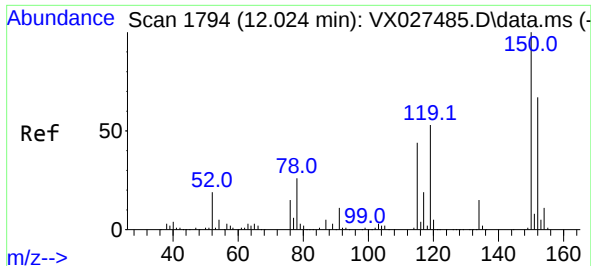


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45



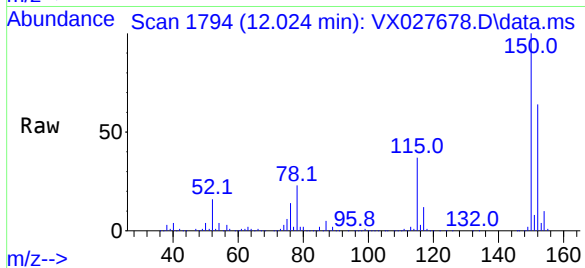
Tgt Ion: 117 Resp: 493140
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 32.4 24.8 37.2



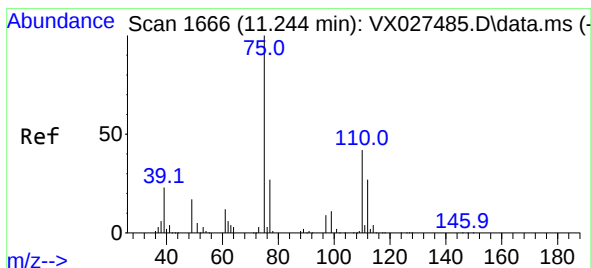
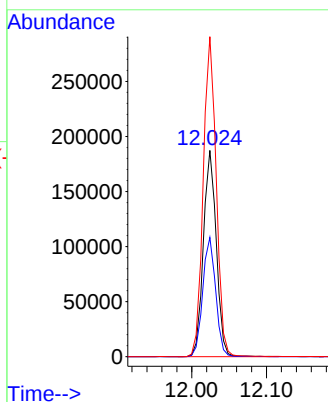
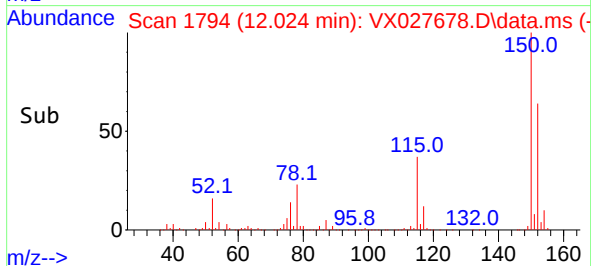


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45

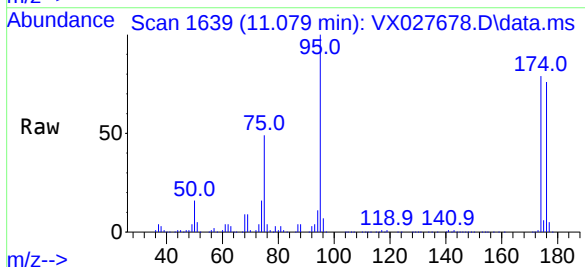
Instrument :
MSVOA_X
ClientSampleId :



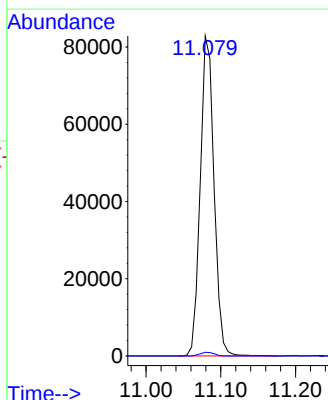
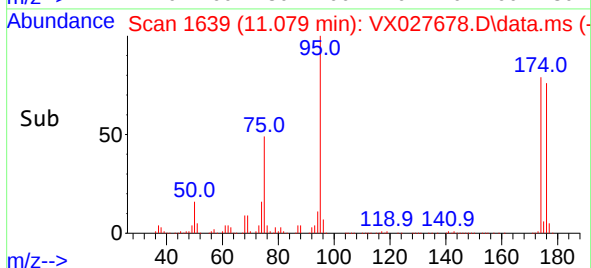
Tgt Ion:152 Resp: 224617
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 156.2 0.0 338.2

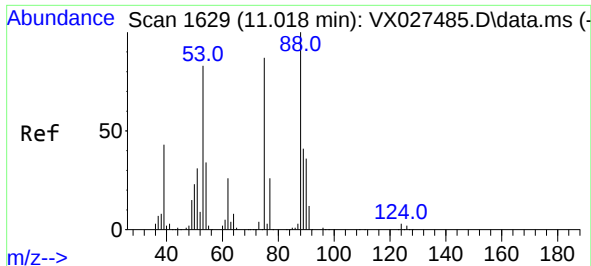


#76
1,2,3-Trichloropropane
Concen: 22.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027678.D
Acq: 23 Mar 2022 19:45



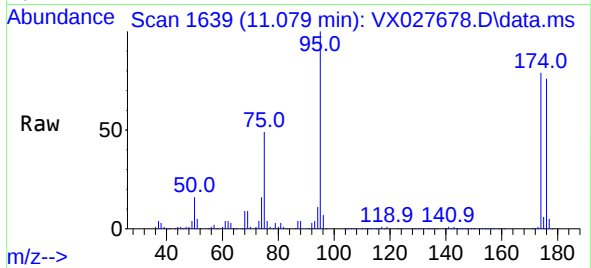
Tgt Ion: 75 Resp: 106056
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.557 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027678.D
 Acq: 23 Mar 2022 19:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 106056
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

