

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX0332BF.D
 Acq On : 07 Dec 2022 14:23
 Operator : JC/MD
 Sample : BFB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 01:45:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

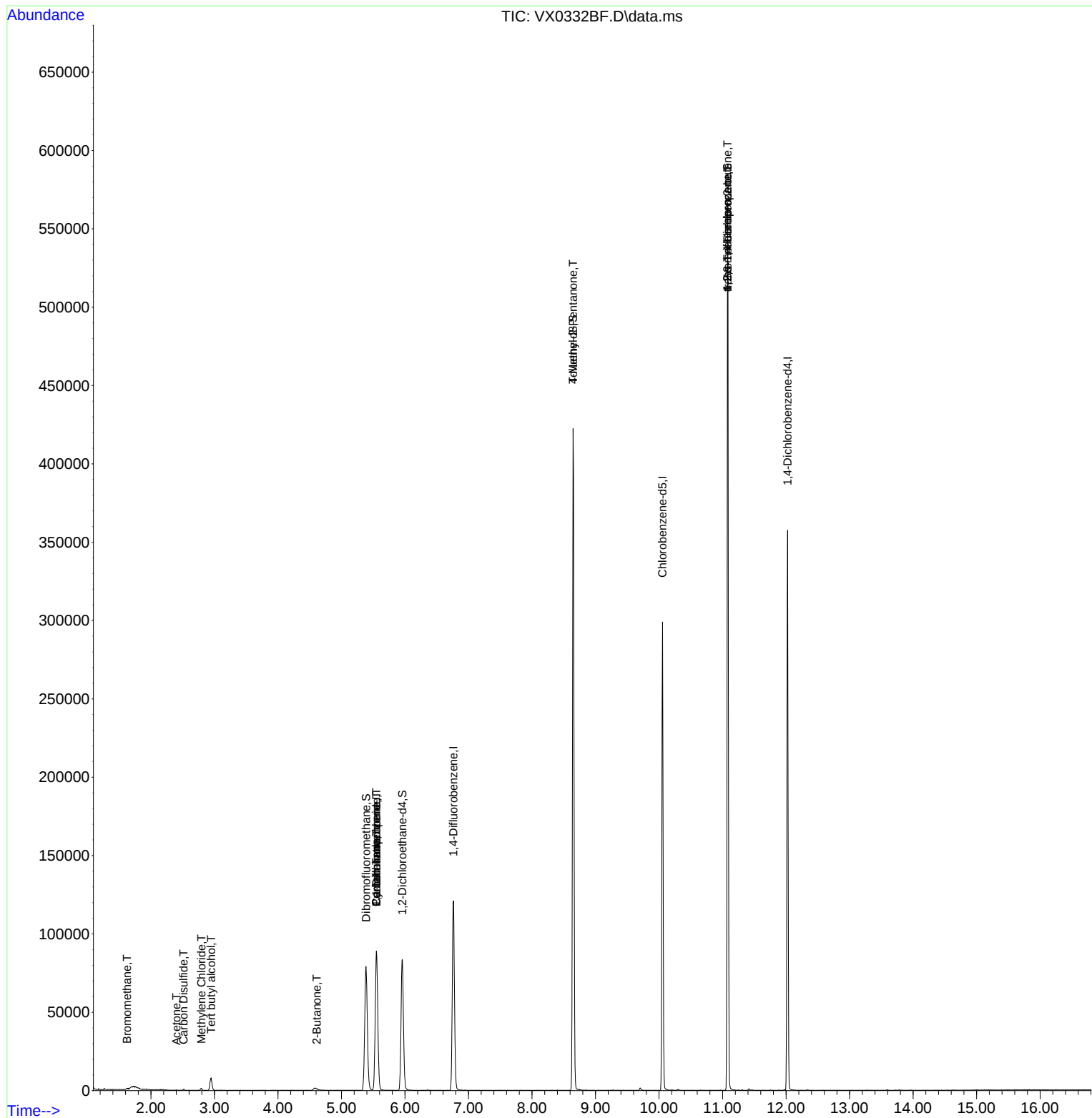
Internal Standards						
1) Pentafluorobenzene	5.549	168	84253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86194	159.467	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	318.940%#	
35) Dibromofluoromethane	5.385	113	68871	120.162	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	240.320%#	
50) Toluene-d8	8.646	98	253236	211.206	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	422.420%#	
62) 4-Bromofluorobenzene	11.079	95	146607	159.916	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	319.840%#	
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	264	0.463	ug/l	90
11) Tert butyl alcohol	2.946	59	4801	29.053	ug/l #	72
16) Acetone	2.397	43	253	0.633	ug/l	95
17) Carbon Disulfide	2.513	76	827	0.422	ug/l	96
20) Methylene Chloride	2.794	84	638	0.715	ug/l #	83
25) 2-Butanone	4.611	43	162	0.282	ug/l #	47
31) Cyclohexane	5.549	56	1719	1.338	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	6429	5.753	ug/l #	49
38) Carbon Tetrachloride	5.549	117	8708	6.955	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	1053	0.980	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77807	51.346	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	77807	159.721	ug/l #	6

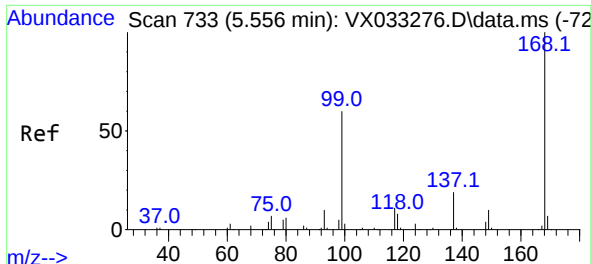
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
Data File : VX0332BF.D
Acq On : 07 Dec 2022 14:23
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 08 01:45:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

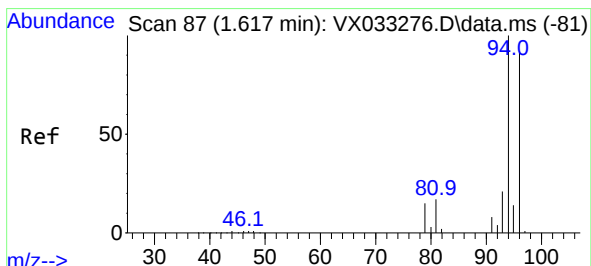
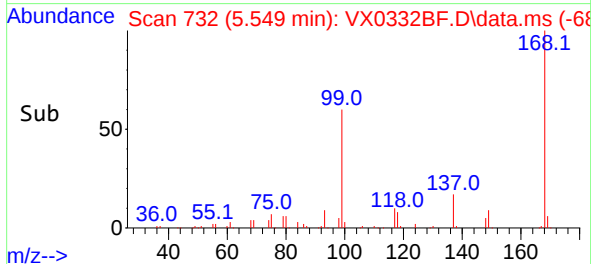
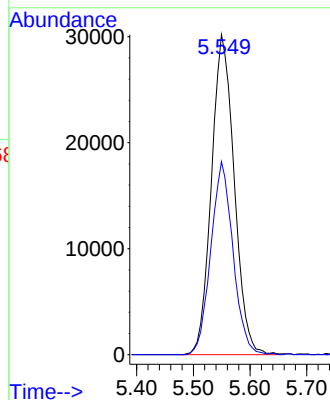
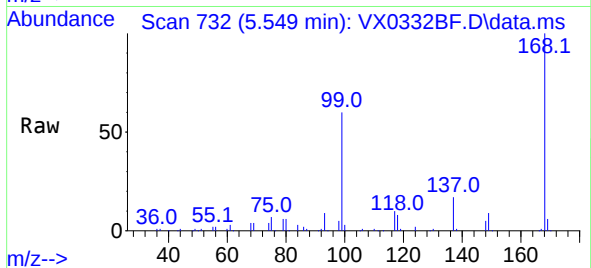




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

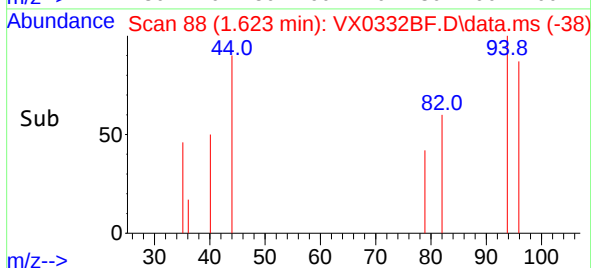
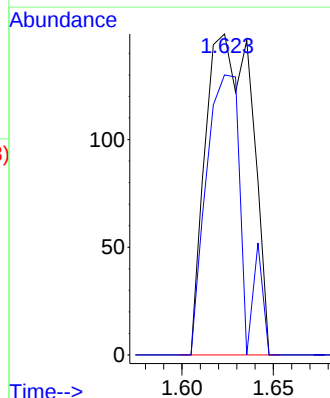
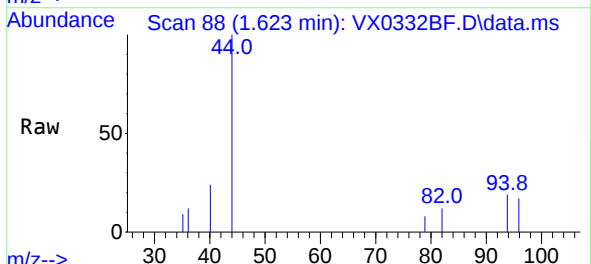
Instrument :
MSVOA_X
ClientSampleId :

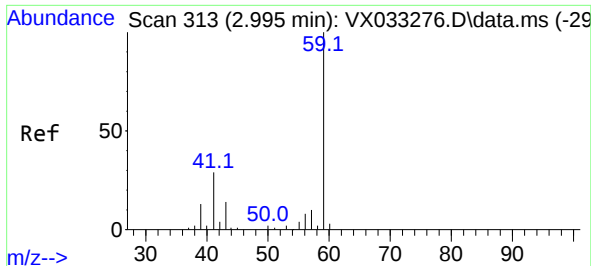
Tgt Ion:168 Resp: 84253
Ion Ratio Lower Upper
168 100
99 60.3 46.1 69.1



#5
Bromomethane
Concen: 0.463 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 87.2 77.6 116.4





#11

Tert butyl alcohol

Concen: 29.053 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX0332BF.D

Acq: 07 Dec 2022 14:23

Instrument :

MSVOA_X

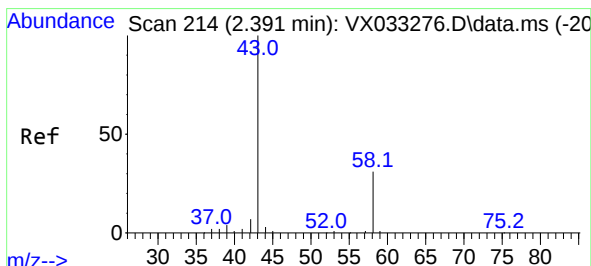
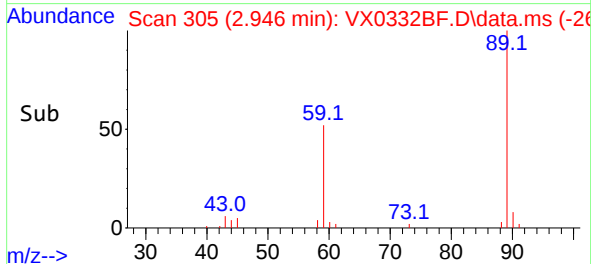
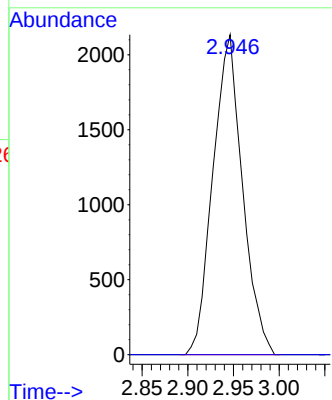
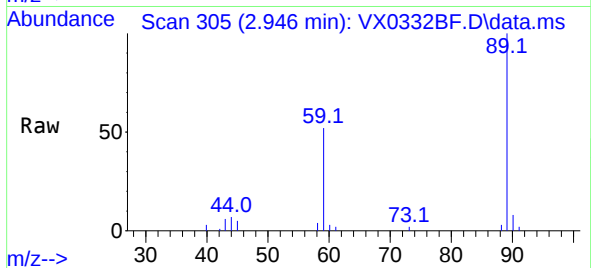
ClientSampleId :

Tgt Ion: 59 Resp: 4801

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.633 ug/l

RT: 2.397 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX0332BF.D

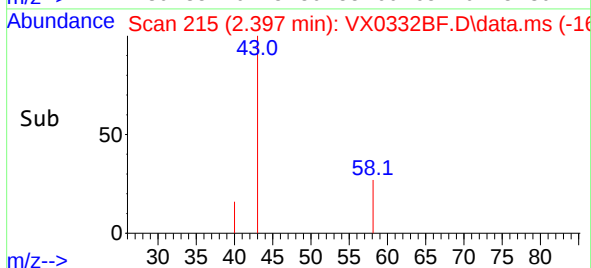
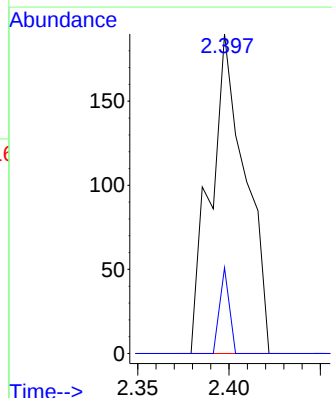
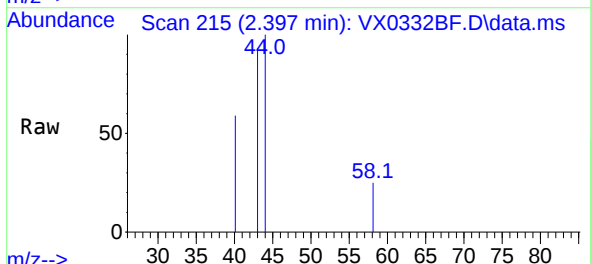
Acq: 07 Dec 2022 14:23

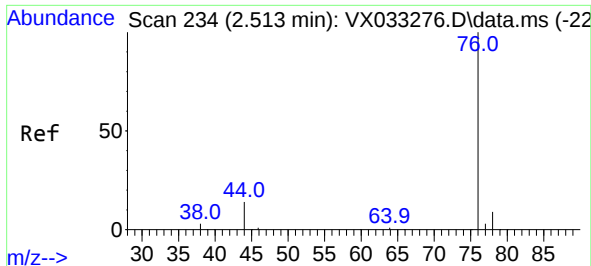
Tgt Ion: 43 Resp: 253

Ion Ratio Lower Upper

43 100

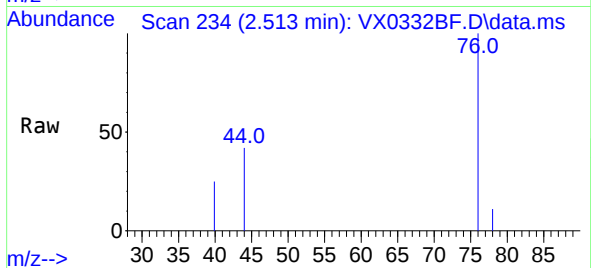
58 26.8 23.8 35.8



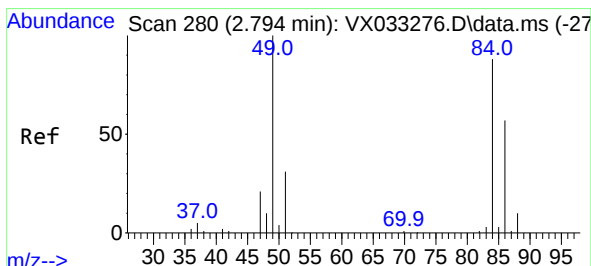
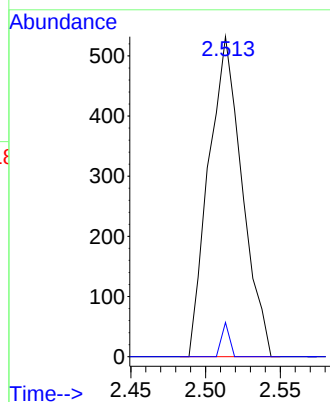
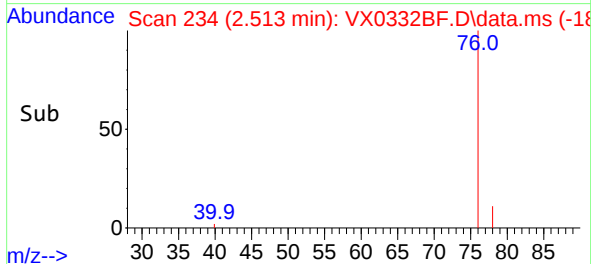


#17
Carbon Disulfide
Concen: 0.422 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

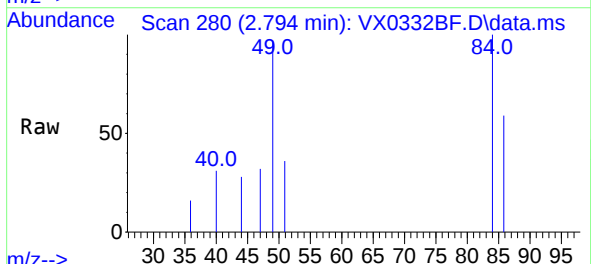
Instrument :
MSVOA_X
ClientSampleId :



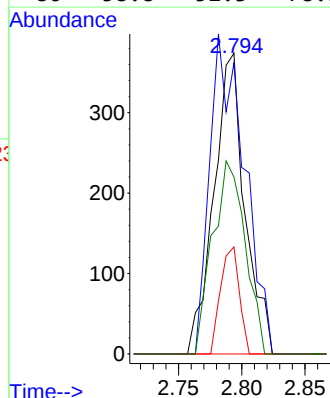
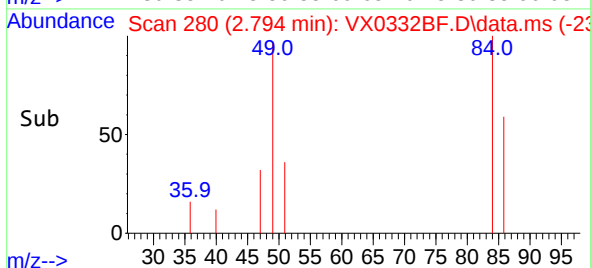
Tgt Ion: 76 Resp: 827
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3

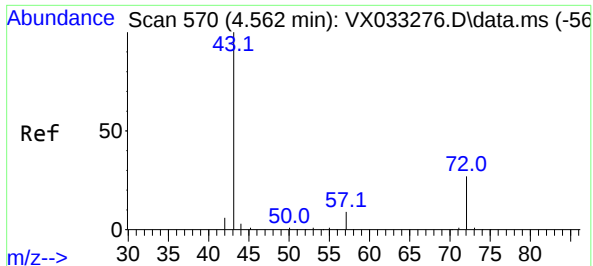


#20
Methylene Chloride
Concen: 0.715 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23



Tgt Ion: 84 Resp: 638
Ion Ratio Lower Upper
84 100
49 96.8 101.0 151.6#
51 35.6 31.1 46.7
86 58.8 52.3 78.5





#25

2-Butanone

Concen: 0.282 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX0332BF.D

Acq: 07 Dec 2022 14:23

Instrument :

MSVOA_X

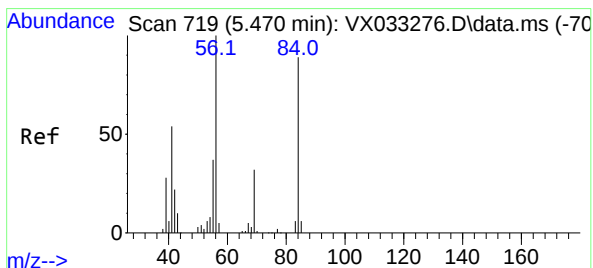
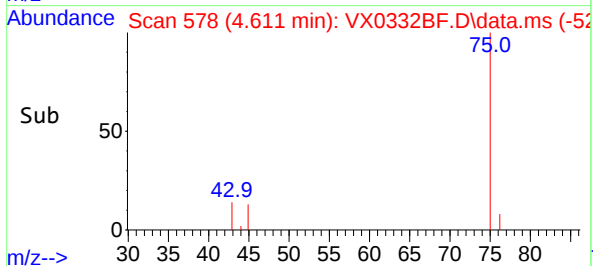
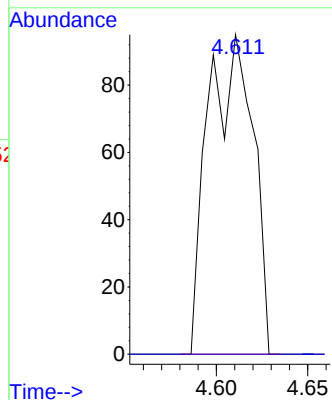
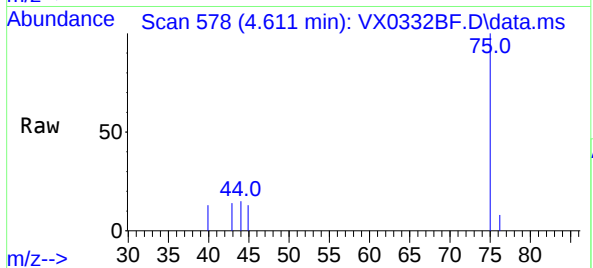
ClientSampleId :

Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.338 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX0332BF.D

Acq: 07 Dec 2022 14:23

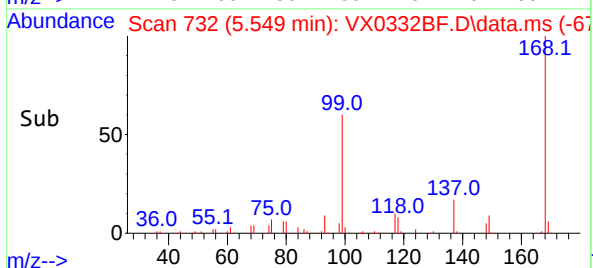
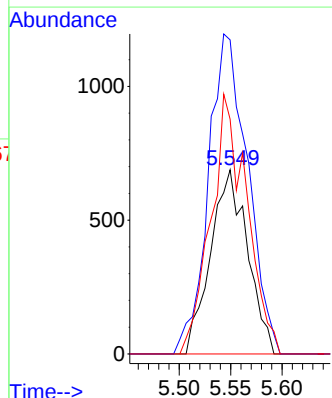
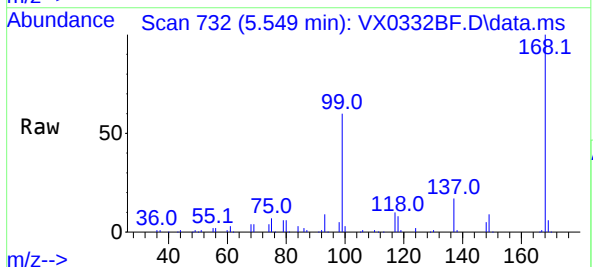
Tgt Ion: 56 Resp: 1719

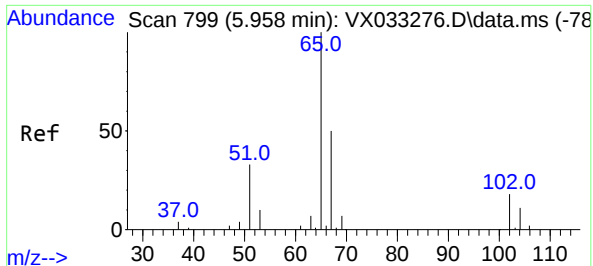
Ion Ratio Lower Upper

56 100

69 170.6 24.1 36.1#

84 127.5 66.9 100.3#

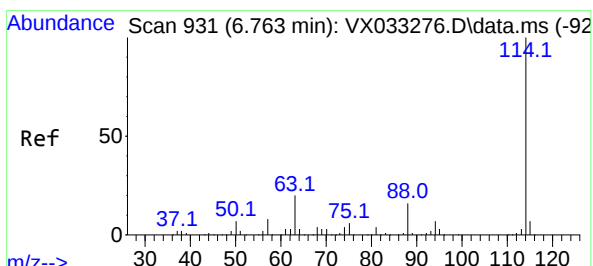
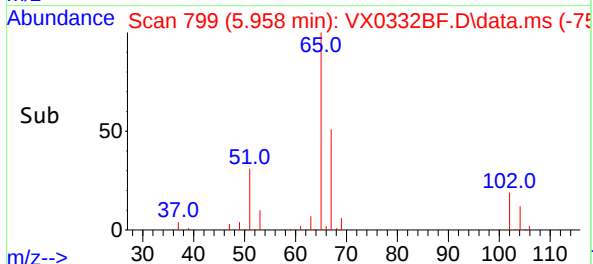
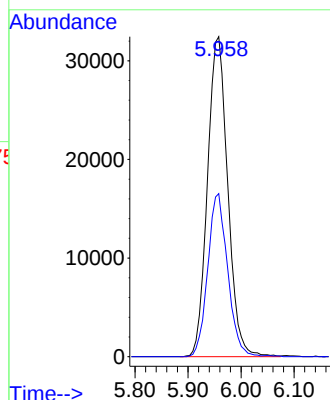
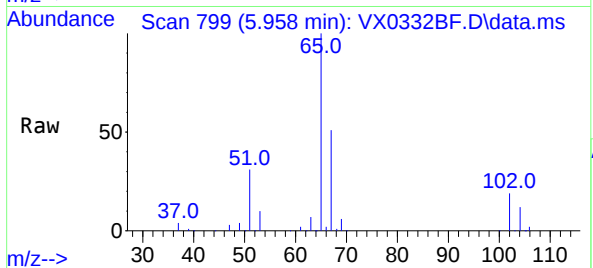




#33
1,2-Dichloroethane-d4
Concen: 159.467 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

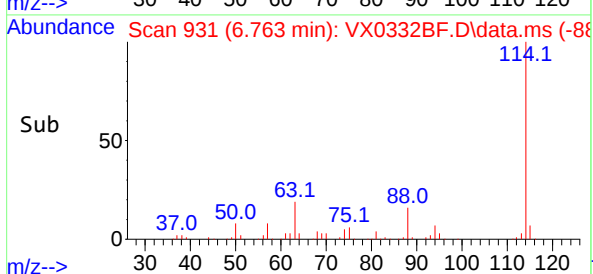
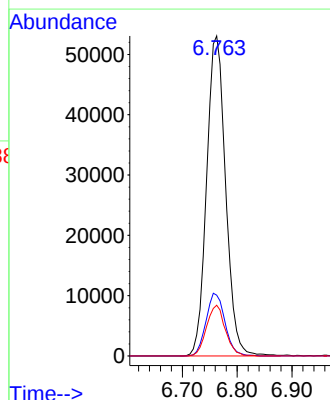
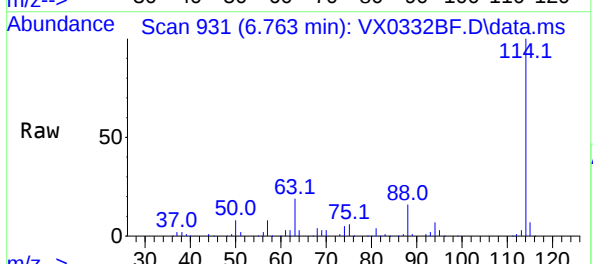
Instrument :
MSVOA_X
ClientSampleId :

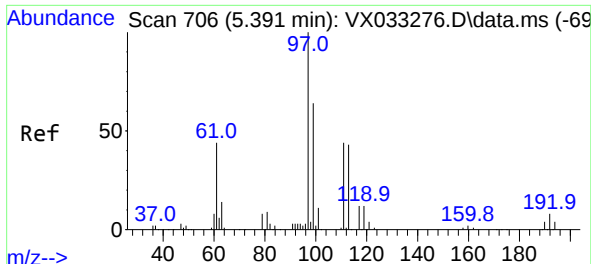
Tgt Ion: 65 Resp: 86194
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

Tgt Ion: 114 Resp: 127429
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 120.162 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

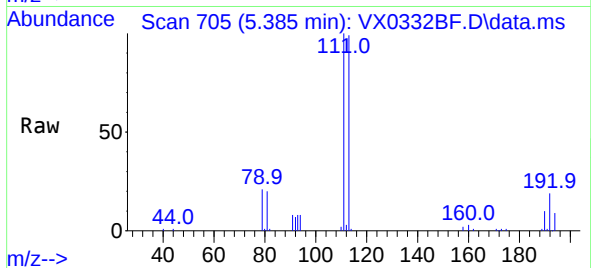
Lab File: VX0332BF.D

Acq: 07 Dec 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :



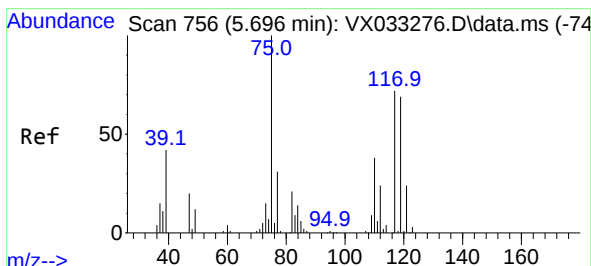
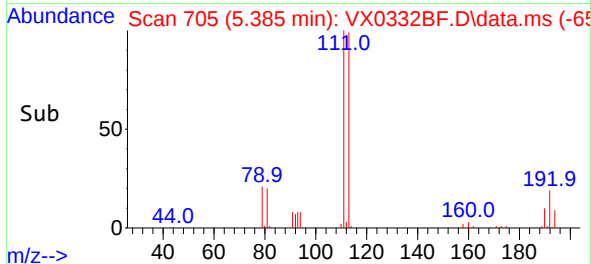
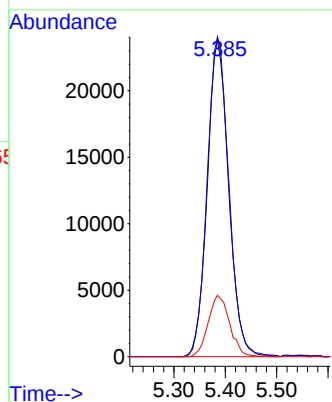
Tgt Ion:113 Resp: 68871

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 19.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.753 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX0332BF.D

Acq: 07 Dec 2022 14:23

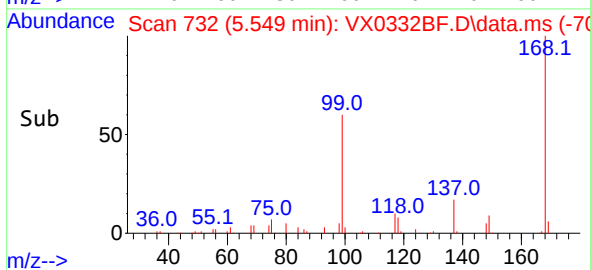
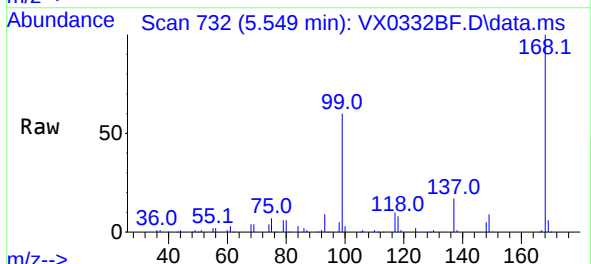
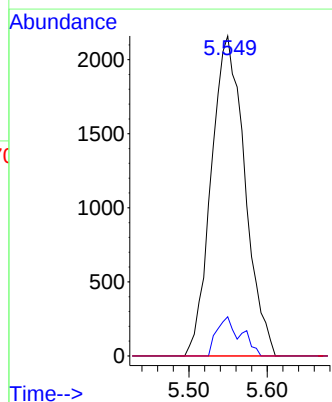
Tgt Ion: 75 Resp: 6429

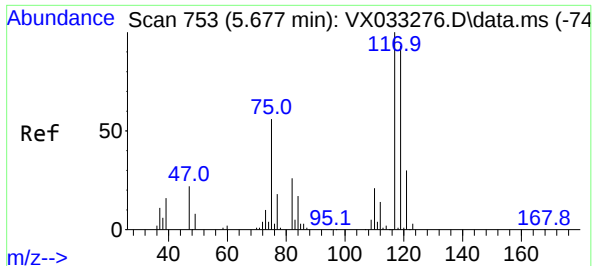
Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.2#

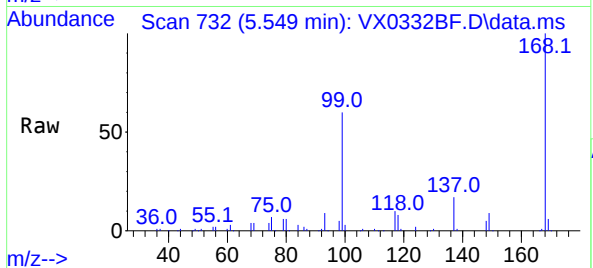
77 0.0 24.5 36.7#



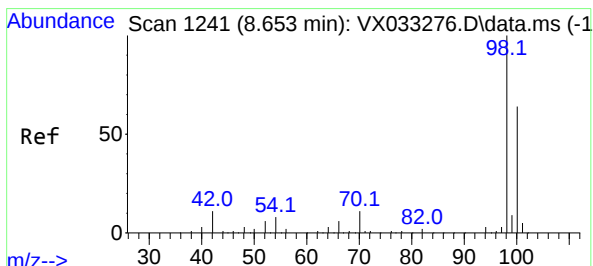
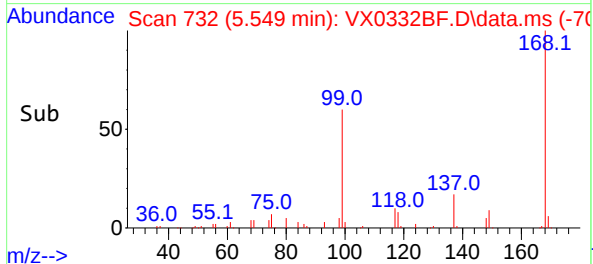
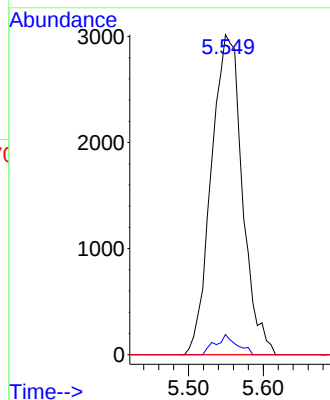


#38
Carbon Tetrachloride
Concen: 6.955 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

Instrument :
MSVOA_X
ClientSampleId :

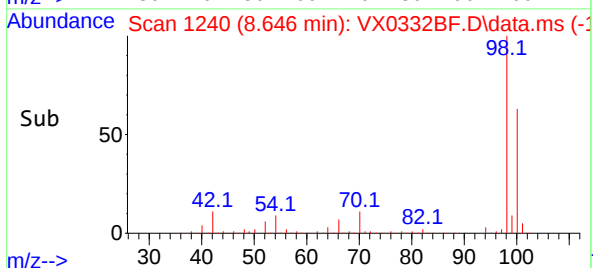
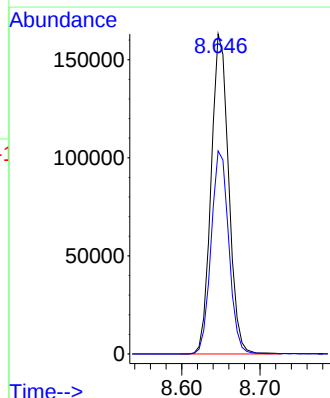
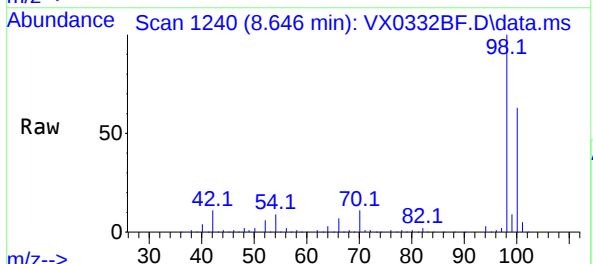


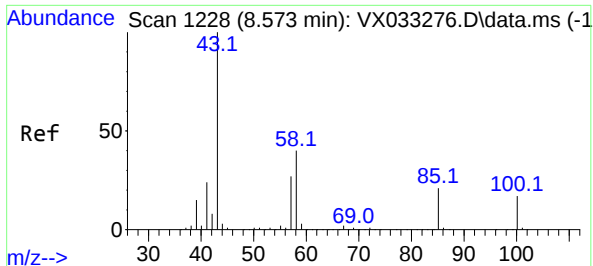
Tgt Ion:117 Resp: 8708
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 211.206 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

Tgt Ion: 98 Resp: 253236
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

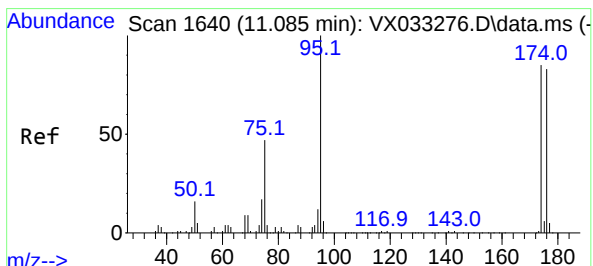
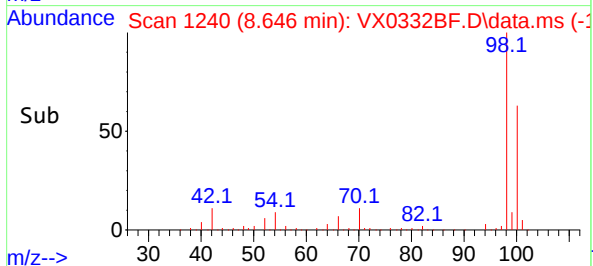
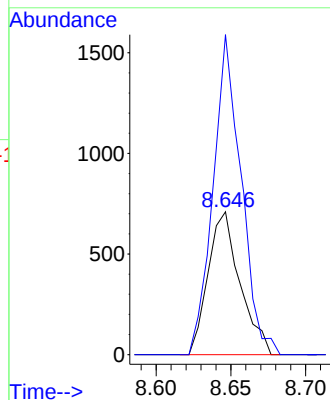
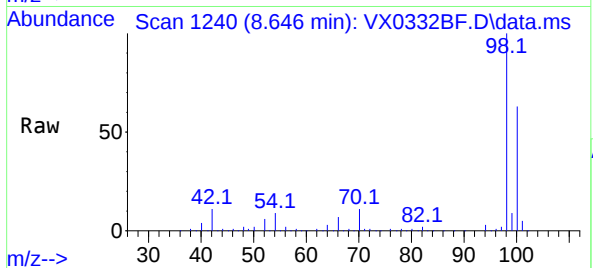




#51
4-Methyl-2-Pentanone
Concen: 0.980 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

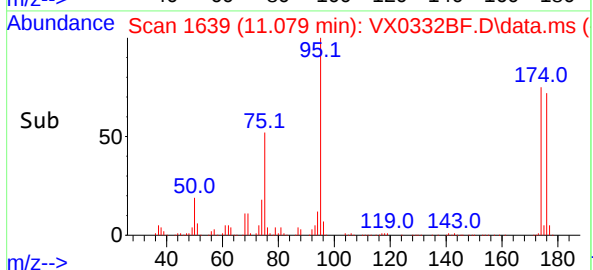
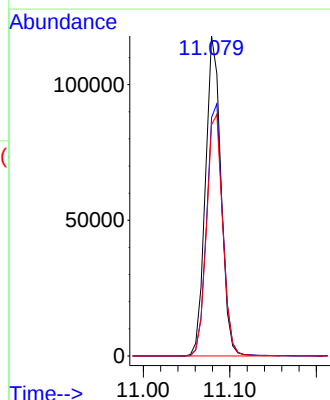
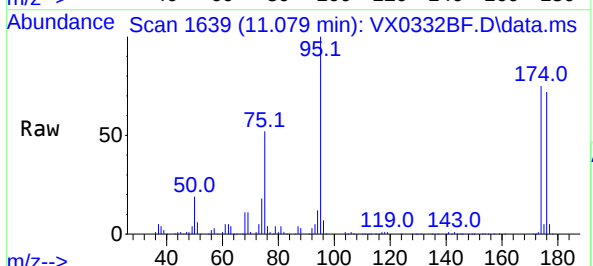
Instrument :
MSVOA_X
ClientSampleId :

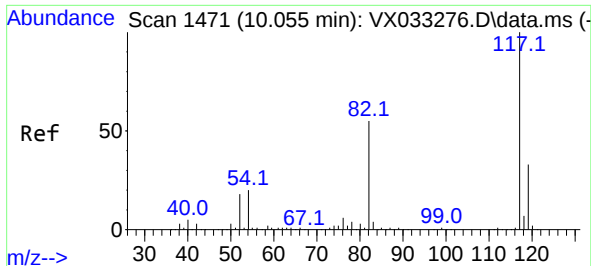
Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 197.2 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 159.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

Tgt Ion: 95 Resp: 146607
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 78.6 0.0 154.4

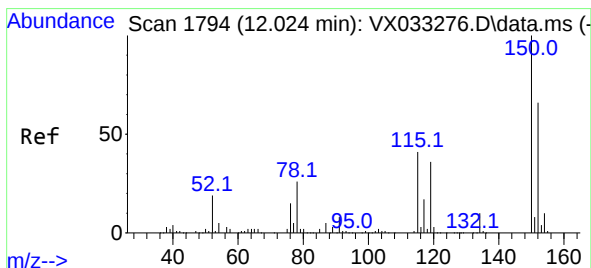
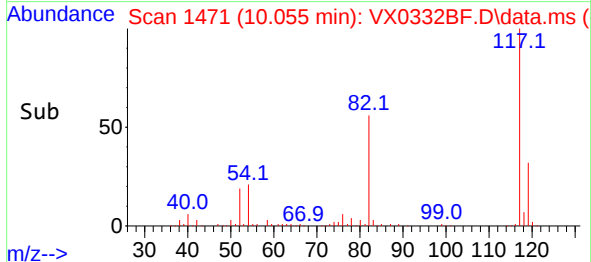
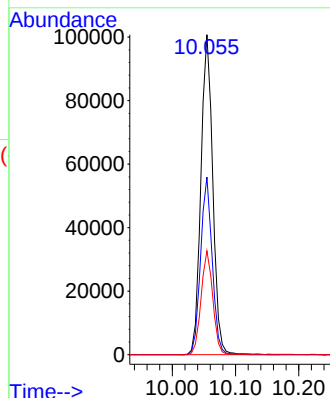
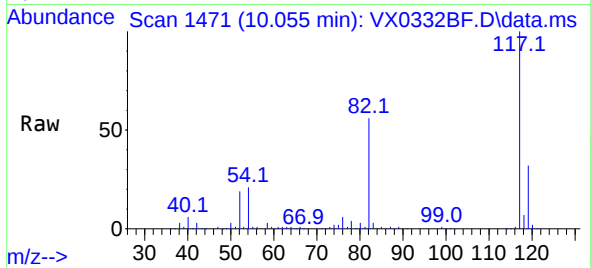




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

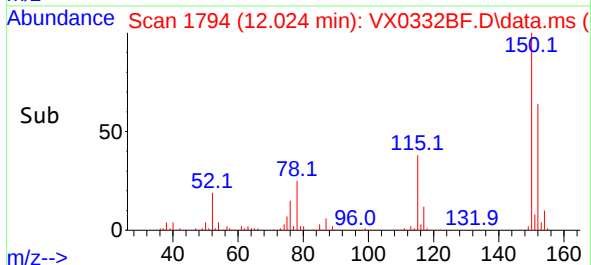
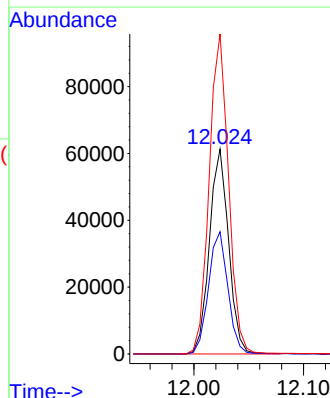
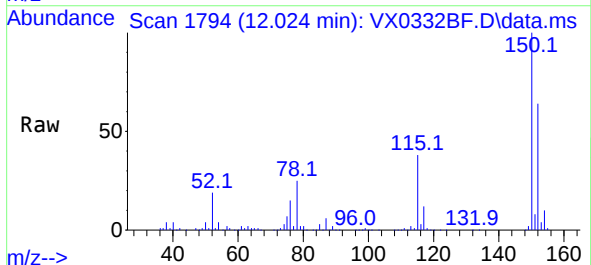
Instrument :
MSVOA_X
ClientSampleId :

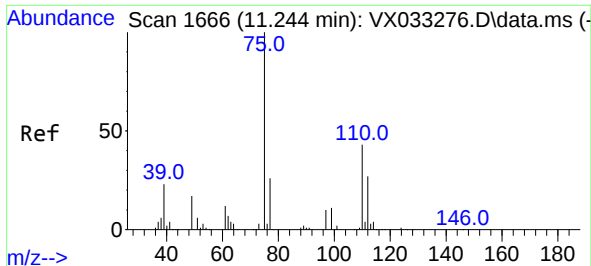
Tgt Ion:117 Resp: 131838
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

Tgt Ion:152 Resp: 74482
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 157.7 0.0 351.8

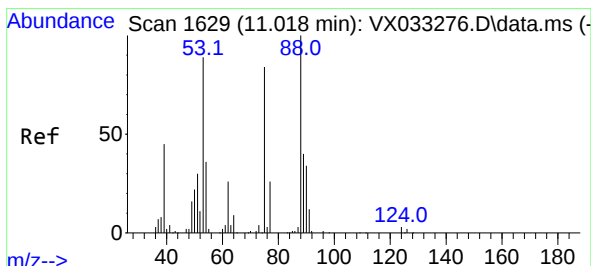
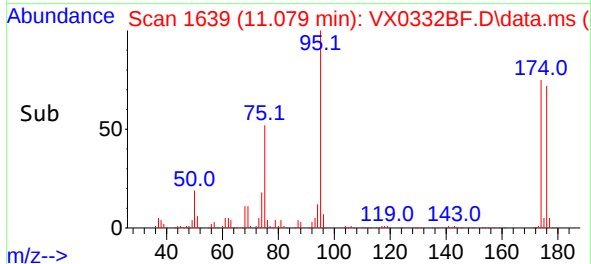
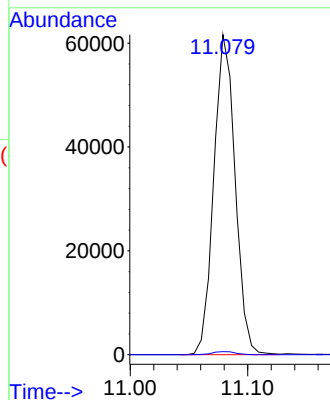
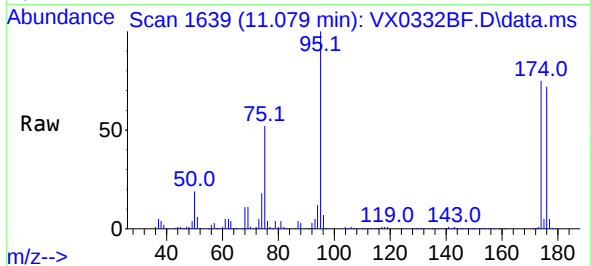




#76
1,2,3-Trichloropropane
Concen: 51.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 77807
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 159.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX0332BF.D
Acq: 07 Dec 2022 14:23

Tgt Ion: 75 Resp: 77807
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

