

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
 Data File : VX033789.D
 Acq On : 19 Jan 2023 10:29
 Operator : JC/MD
 Sample : VX0119WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 20 05:18:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

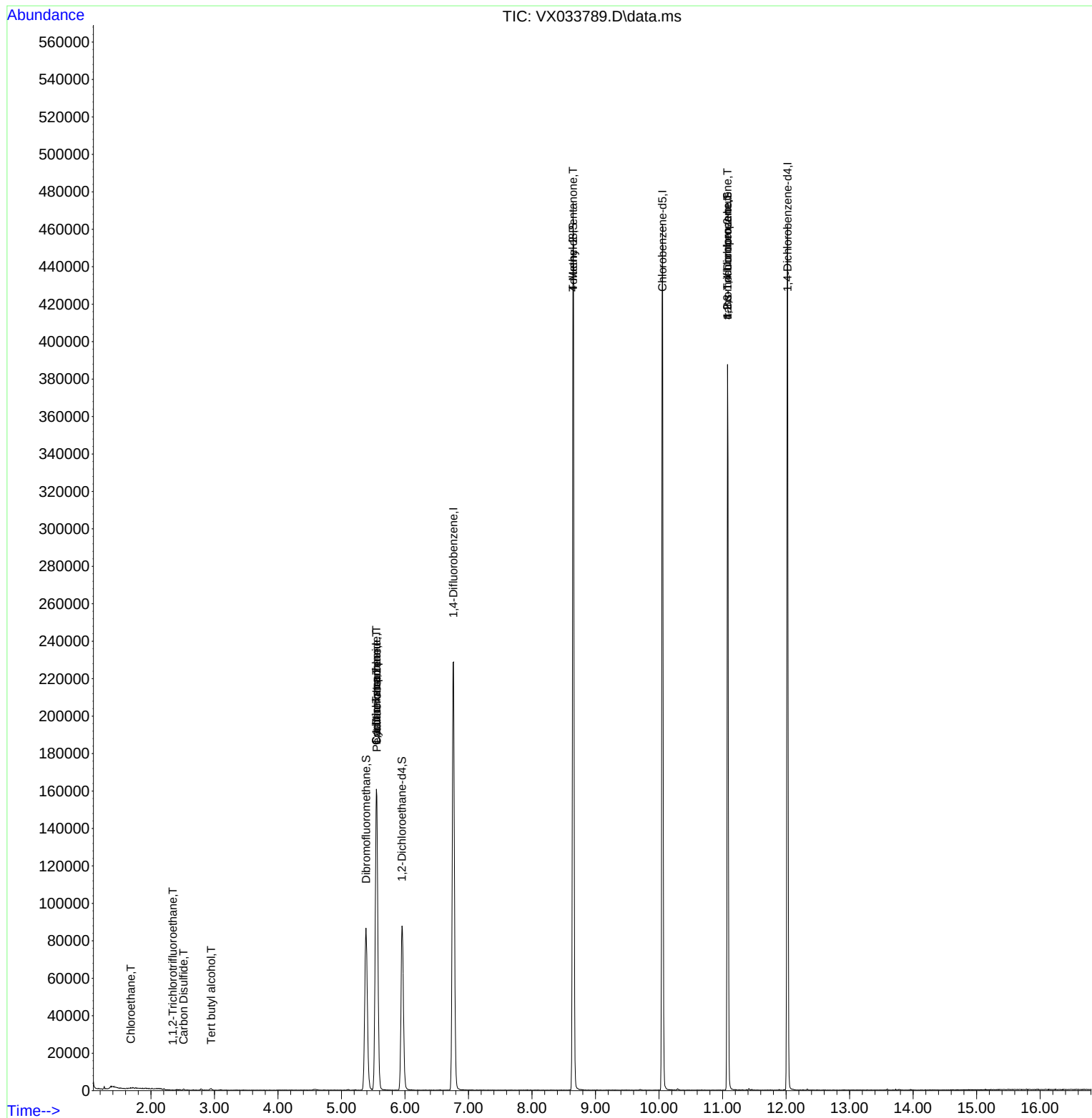
Internal Standards						
1) Pentafluorobenzene	5.556	168	173566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84064	46.000	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.000%
35) Dibromofluoromethane	5.385	113	76168	48.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	8.647	98	285818	50.349	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.700%
62) 4-Bromofluorobenzene	11.079	95	99831	47.365	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.740%
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	247	0.272	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.343	101	23	0.735	ug/l #	16
11) Tert butyl alcohol	2.947	59	621	1.956	ug/l #	86
16) Acetone	2.392	43	347	Below Cal	#	47
17) Carbon Disulfide	2.514	76	751	2.025	ug/l #	76
20) Methylene Chloride	2.788	84	269	Below Cal	#	83
31) Cyclohexane	5.550	56	2526	0.939	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10550	4.640	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14748	6.262	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1108	0.503	ug/l #	1
64) Tetrachloroethene	9.275	164	22	Below Cal	#	1
73) Isopropylbenzene	10.957	105	81	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	46868	23.490	ug/l #	34
79) 2-Chlorotoluene	11.372	91	88	Below Cal		77
81) trans-1,4-Dichloro-2-b...	11.079	75	46868	73.003	ug/l #	8
82) 4-Chlorotoluene	11.463	91	233	Below Cal		82

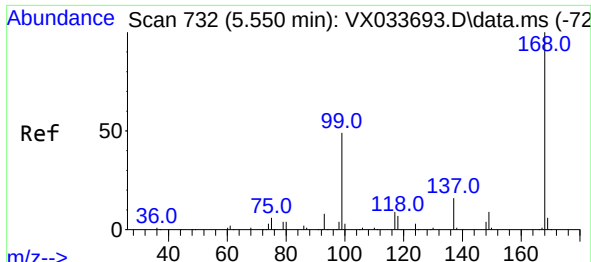
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
Data File : VX033789.D
Acq On : 19 Jan 2023 10:29
Operator : JC/MD
Sample : VX0119WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 20 05:18:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

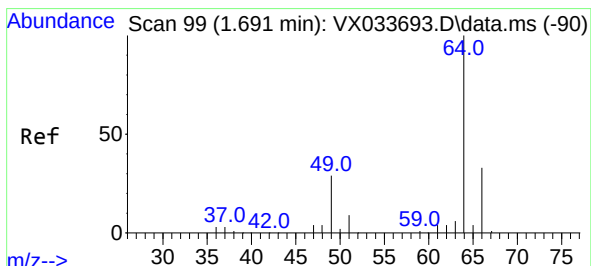
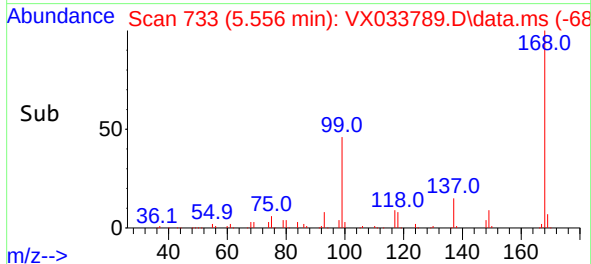
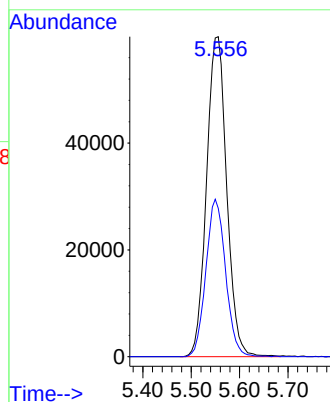
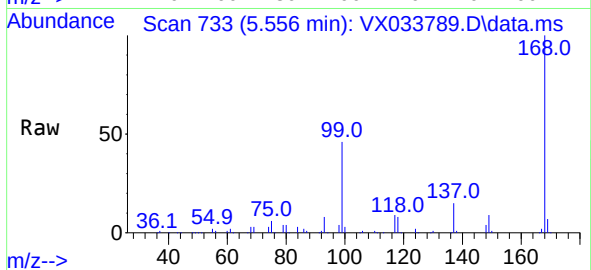




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

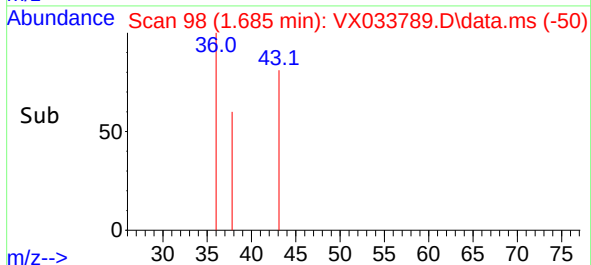
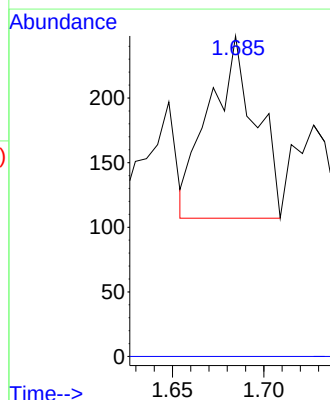
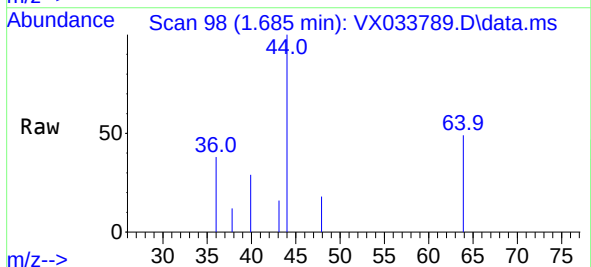
Instrument :
MSVOA_X
ClientSampleId :

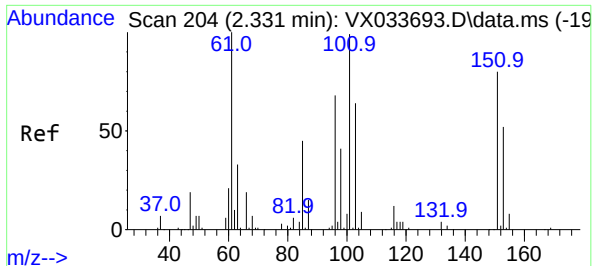
Tgt Ion:168 Resp: 173566
Ion Ratio Lower Upper
168 100
99 46.4 39.6 59.4



#6
Chloroethane
Concen: 0.272 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

Tgt Ion: 64 Resp: 247
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

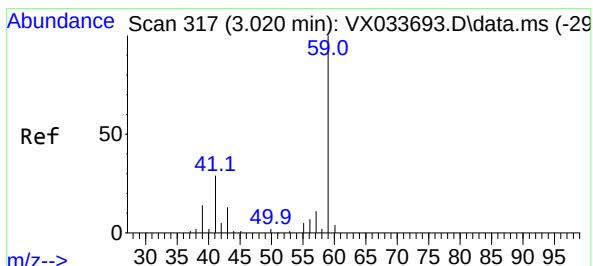
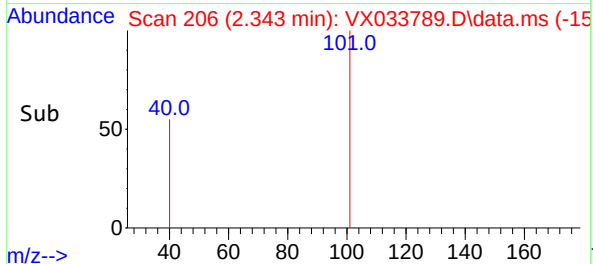
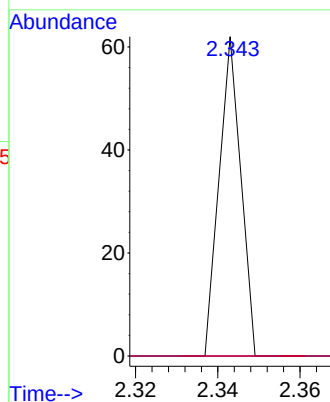
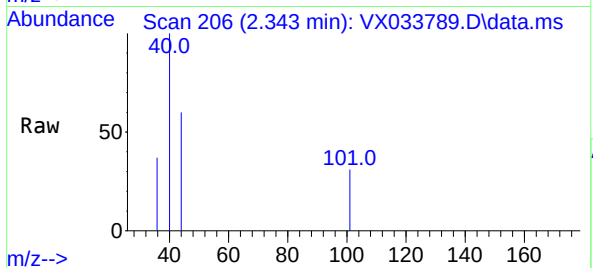




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.735 ug/l
RT: 2.343 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

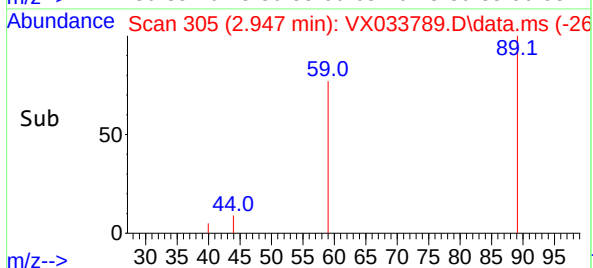
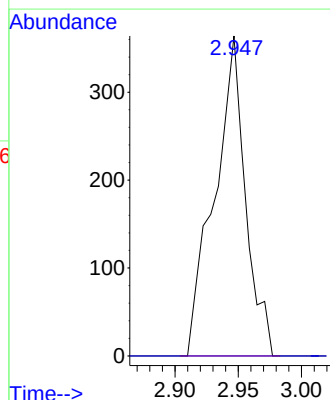
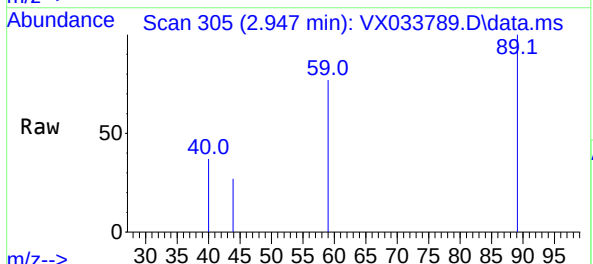
Instrument :
MSVOA_X
ClientSampleId :

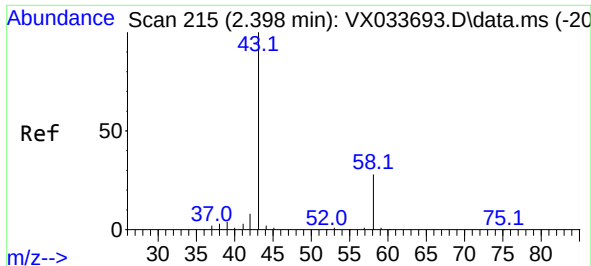
Tgt Ion:101 Resp: 23
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 0.0 66.5 99.7#



#11
Tert butyl alcohol
Concen: 1.956 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

Tgt Ion: 59 Resp: 621
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

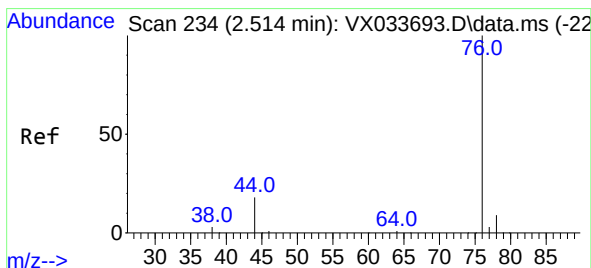
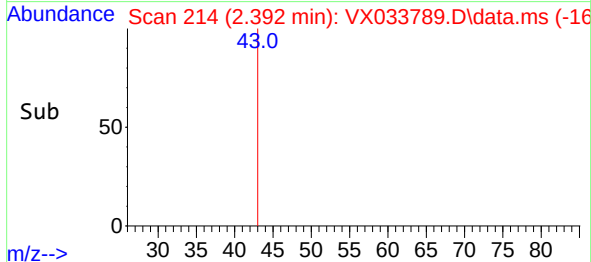
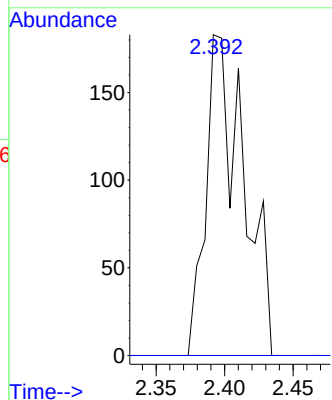
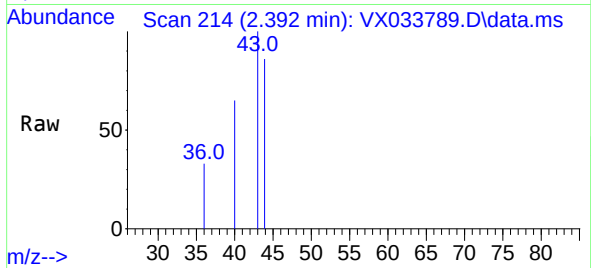




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

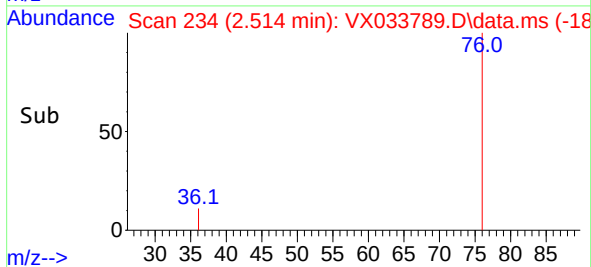
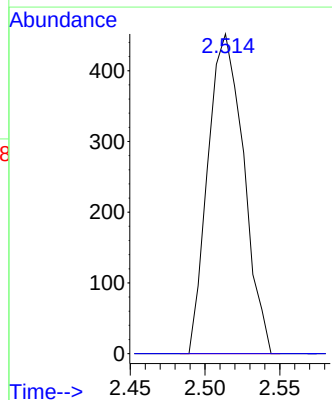
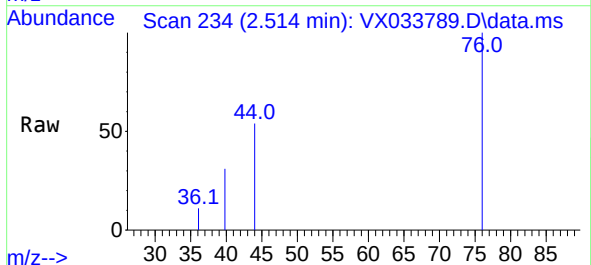
Instrument :
MSVOA_X
ClientSampleId :

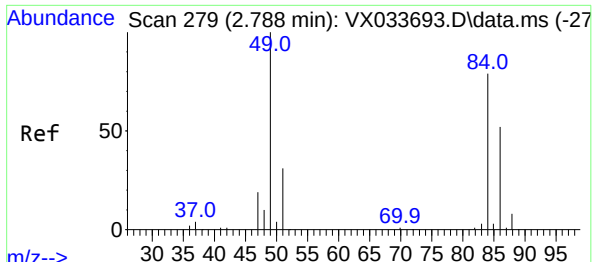
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.025 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

Tgt Ion: 76 Resp: 751
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

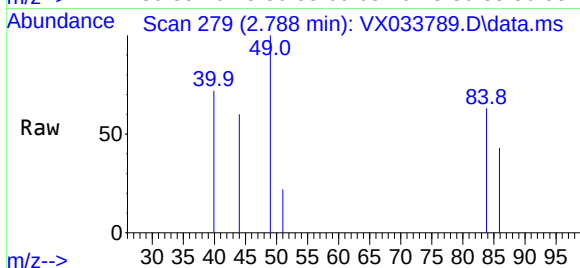
Lab File: VX033789.D

Acq: 19 Jan 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 269

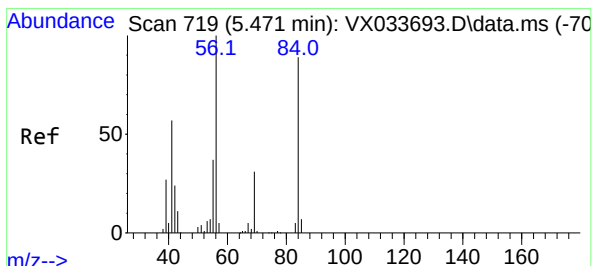
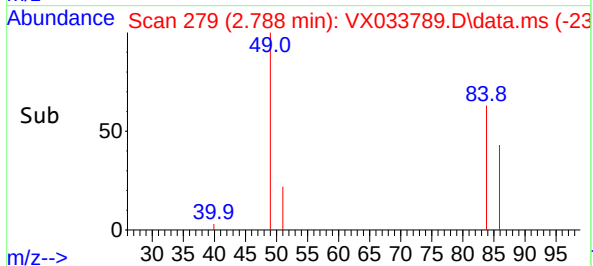
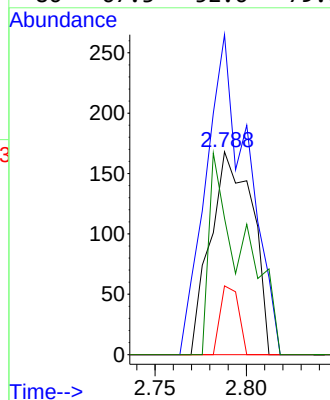
Ion Ratio Lower Upper

84 100

49 157.7 101.1 151.7#

51 33.9 31.0 46.6

86 67.3 52.6 79.0



#31

Cyclohexane

Concen: 0.939 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033789.D

Acq: 19 Jan 2023 10:29

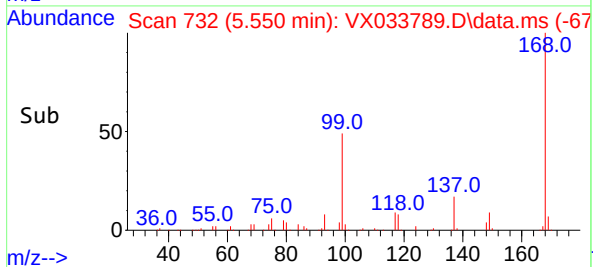
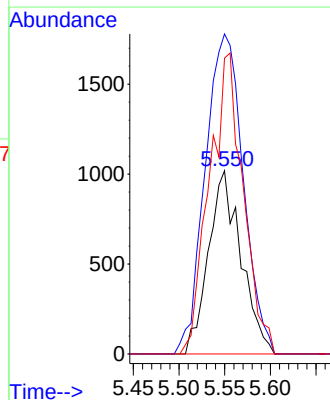
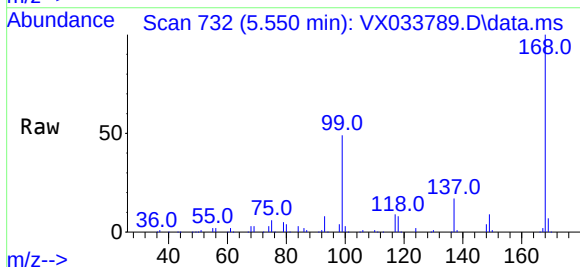
Tgt Ion: 56 Resp: 2526

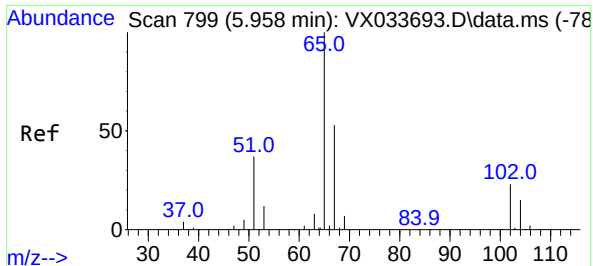
Ion Ratio Lower Upper

56 100

69 174.6 24.6 37.0#

84 161.4 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 46.000 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033789.D

Acq: 19 Jan 2023 10:29

Instrument :

MSVOA_X

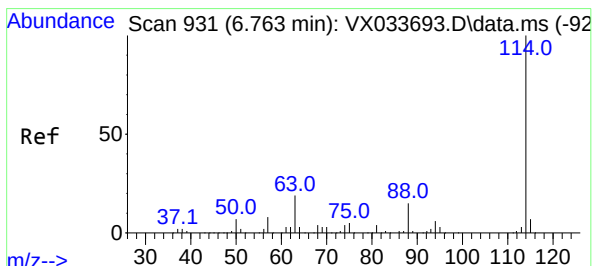
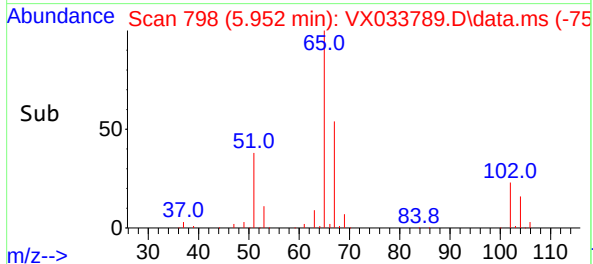
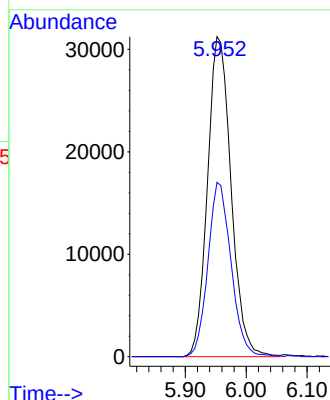
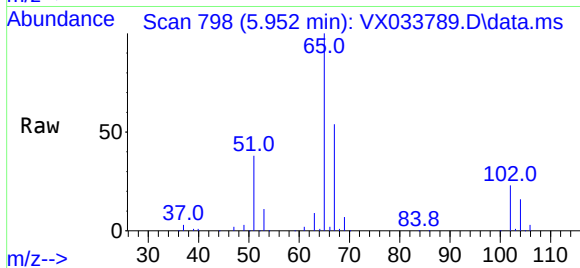
ClientSampleId :

Tgt Ion: 65 Resp: 84064

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033789.D

Acq: 19 Jan 2023 10:29

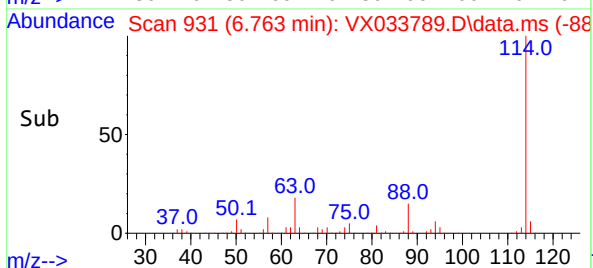
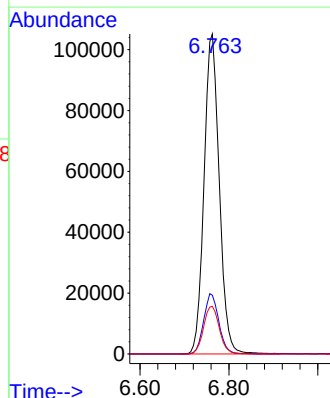
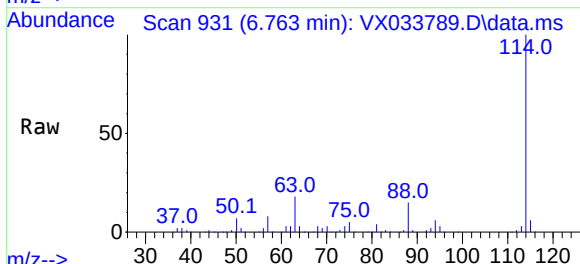
Tgt Ion: 114 Resp: 250914

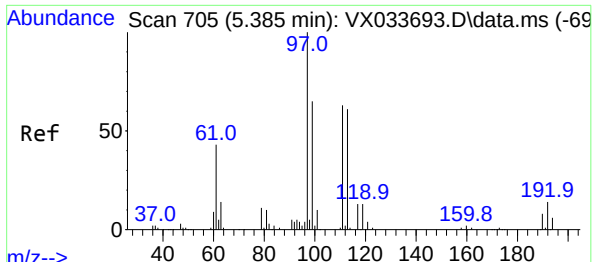
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

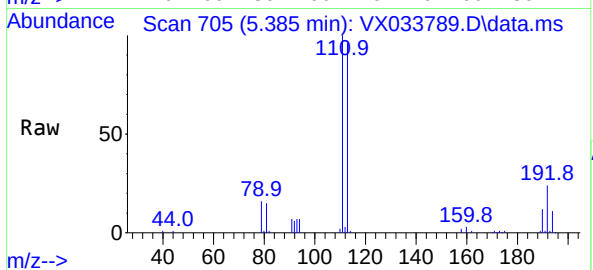
88 14.8 0.0 30.6



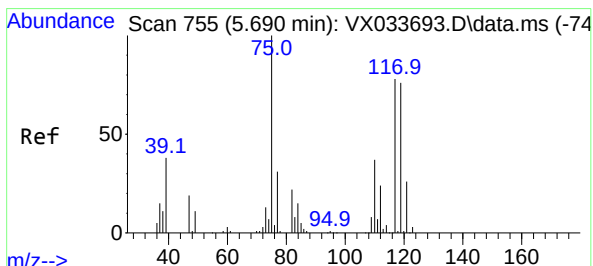
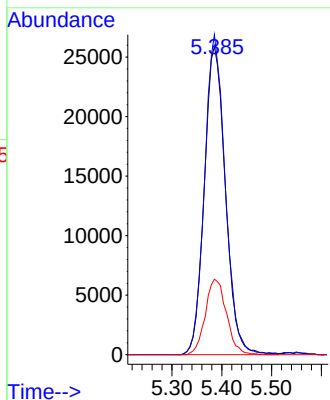
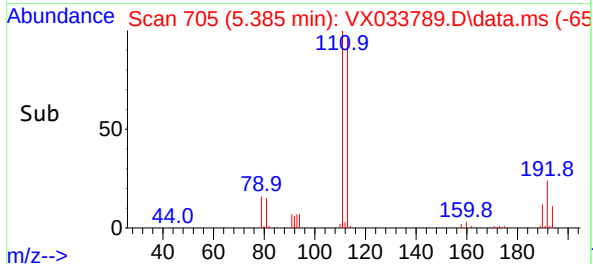


#35
Dibromofluoromethane
Concen: 48.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

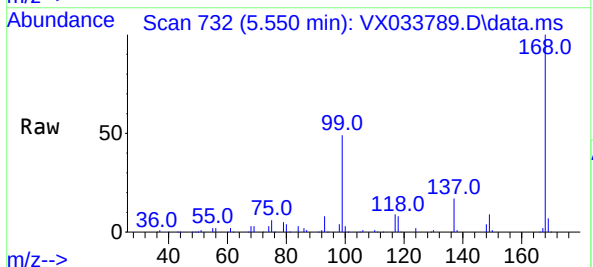
Instrument :
MSVOA_X
ClientSampleId :



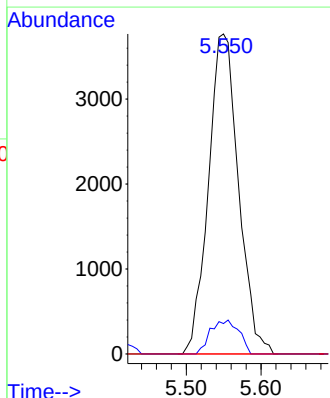
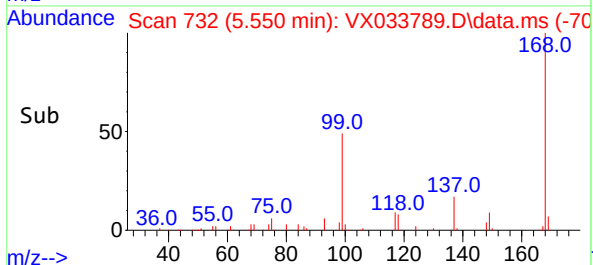
Tgt Ion:113 Resp: 76168
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 24.5 19.0 28.4

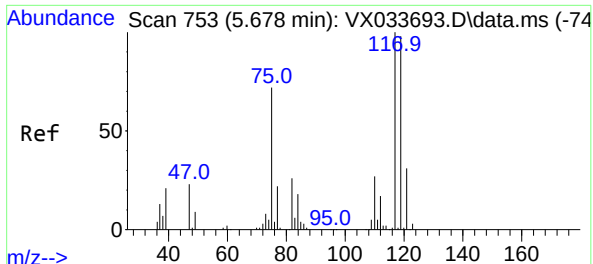


#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29



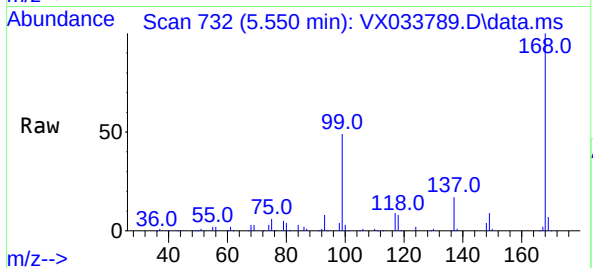
Tgt Ion: 75 Resp: 10550
Ion Ratio Lower Upper
75 100
110 10.0 18.8 56.4#
77 0.0 25.1 37.7#



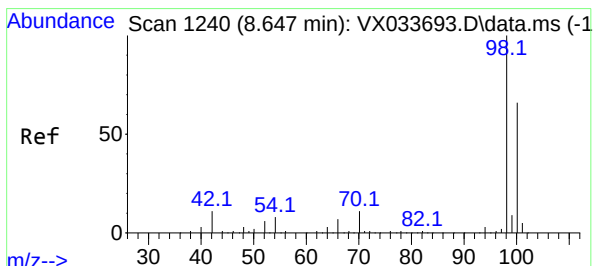
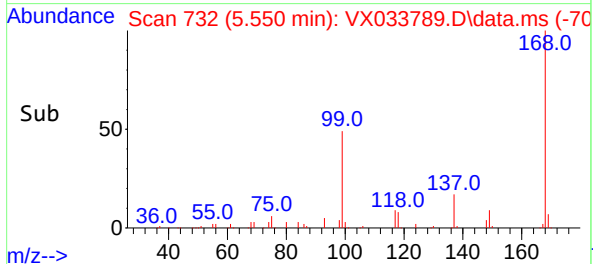
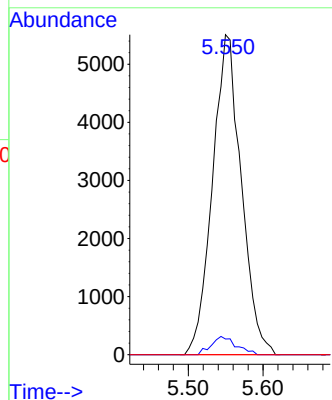


#38
Carbon Tetrachloride
Concen: 6.262 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :

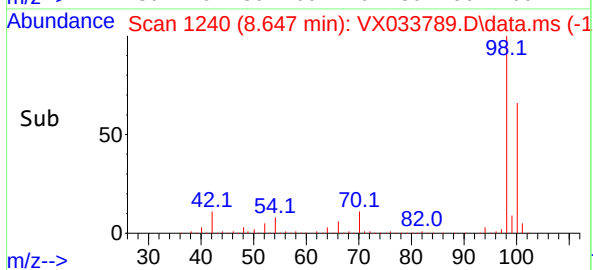
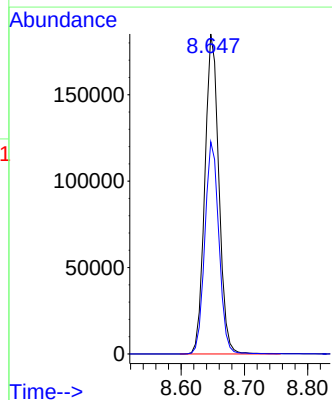
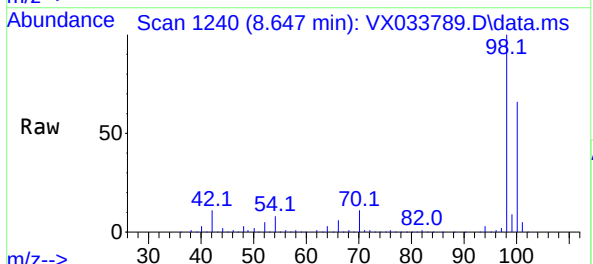


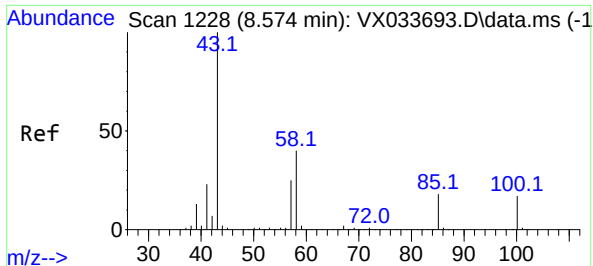
Tgt Ion:117 Resp: 14748
Ion Ratio Lower Upper
117 100
119 4.9 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.349 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

Tgt Ion: 98 Resp: 285818
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

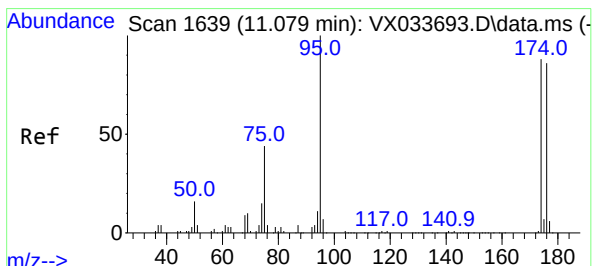
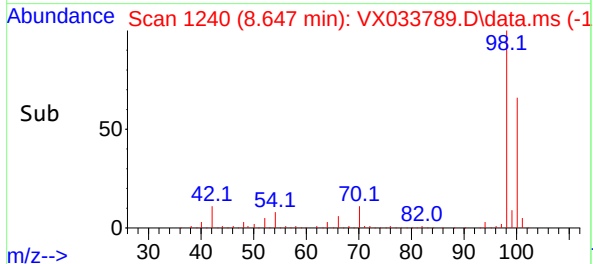
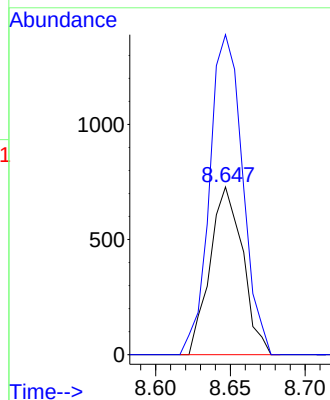
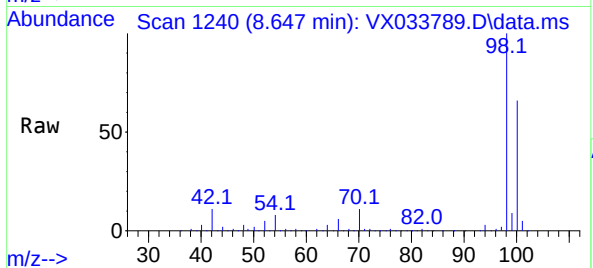




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.647 min Scan# 1108
Delta R.T. 0.073 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

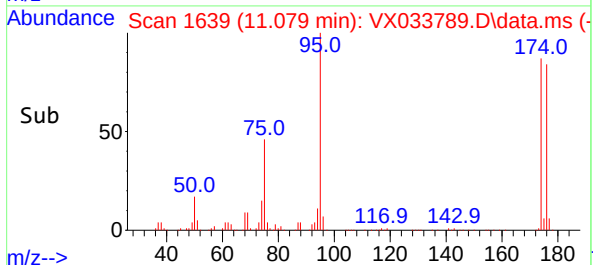
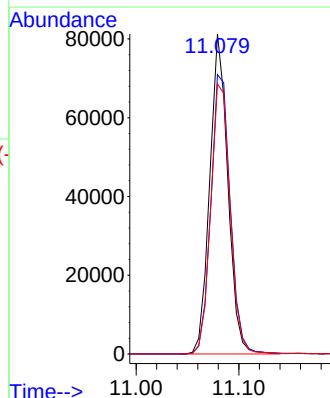
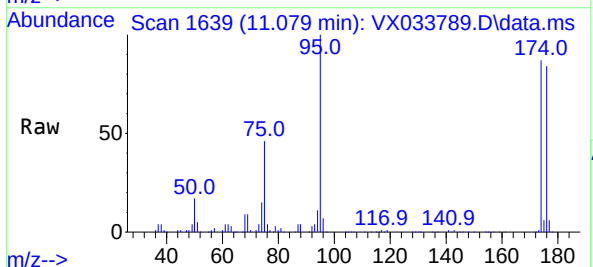
Instrument :
MSVOA_X
ClientSampleId :

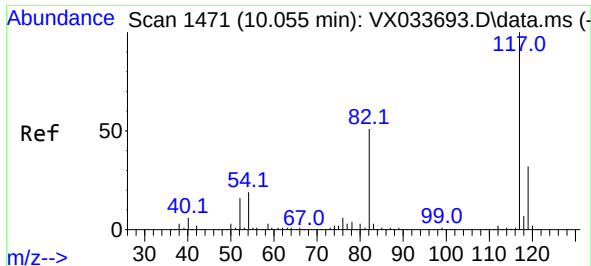
Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 192.7 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 47.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

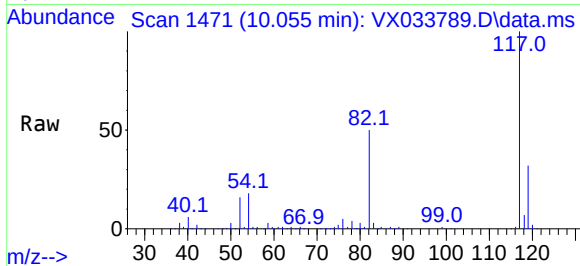
Tgt Ion: 95 Resp: 99831
Ion Ratio Lower Upper
95 100
174 93.6 0.0 184.4
176 90.5 0.0 178.8



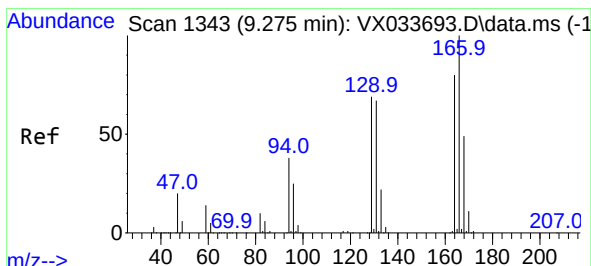
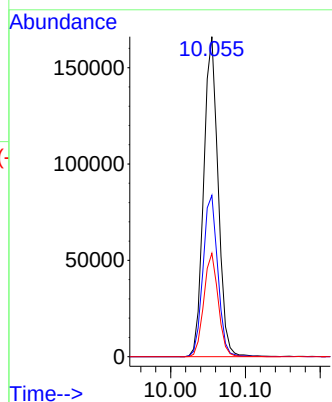
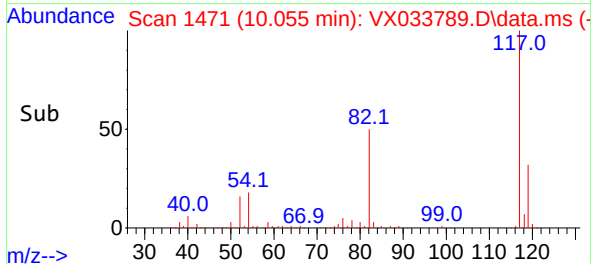


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

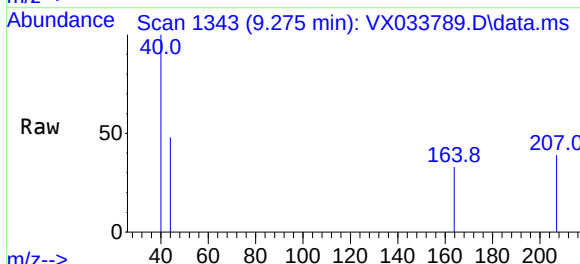
Instrument :
MSVOA_X
ClientSampleId :



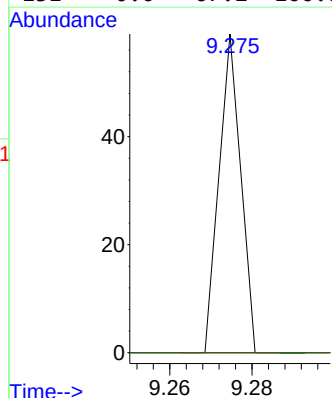
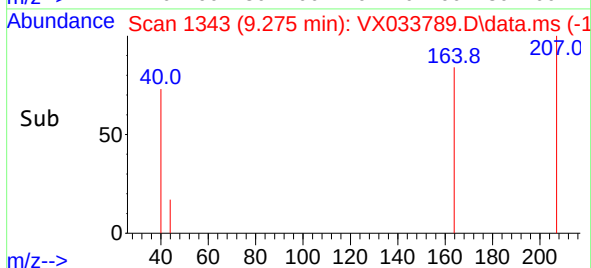
Tgt Ion:117 Resp: 222708
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.3 25.6 38.4

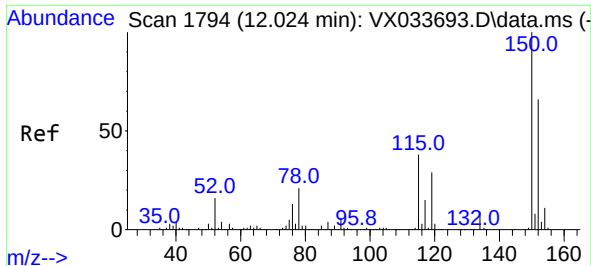


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29



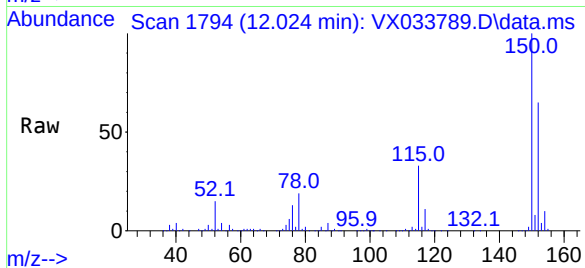
Tgt Ion:164 Resp: 22
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2#
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#



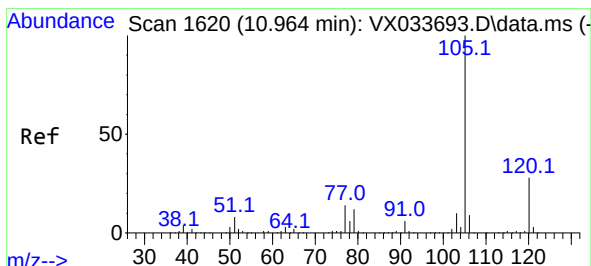
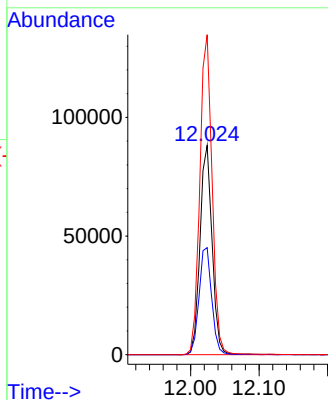
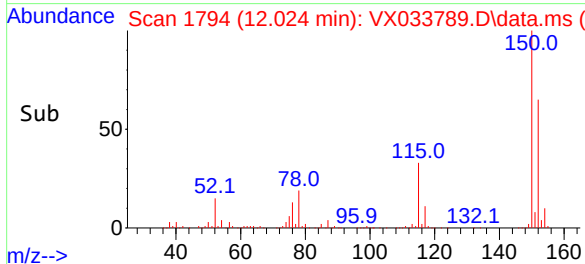


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

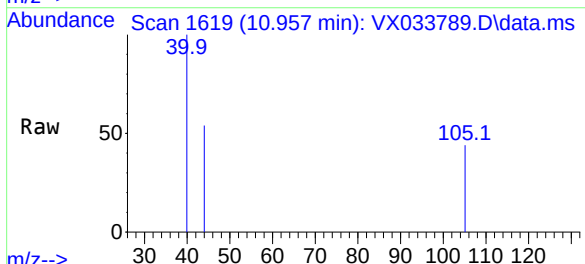
Instrument :
MSVOA_X
ClientSampleId :



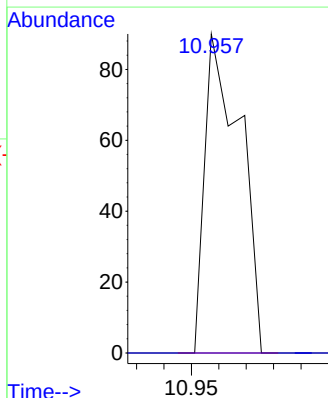
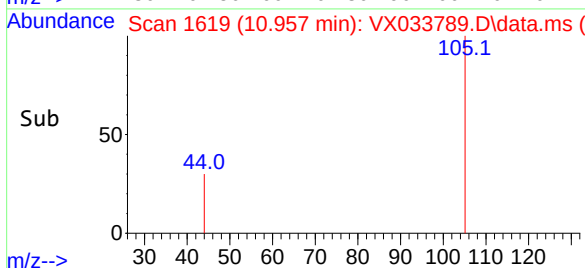
Tgt Ion:152 Resp: 108595
Ion Ratio Lower Upper
152 100
115 53.7 38.7 116.1
150 155.1 0.0 348.2

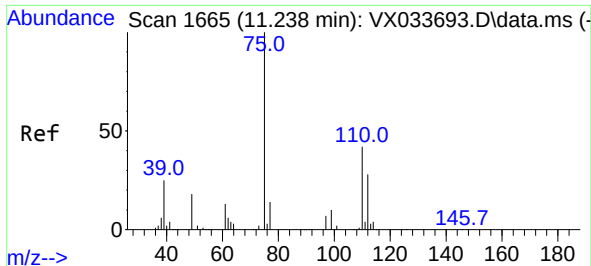


#73
Isopropylbenzene
Concen: Below Cal
RT: 10.957 min Scan# 1619
Delta R.T. -0.007 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29



Tgt Ion:105 Resp: 81
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

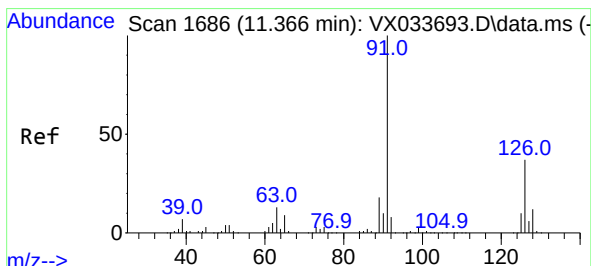
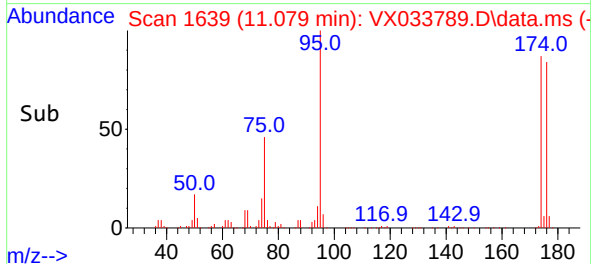
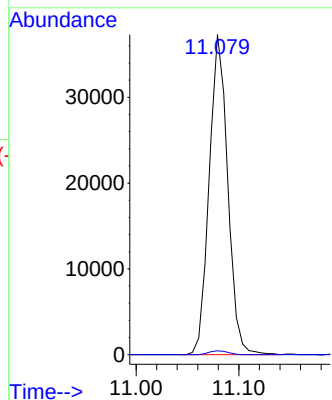
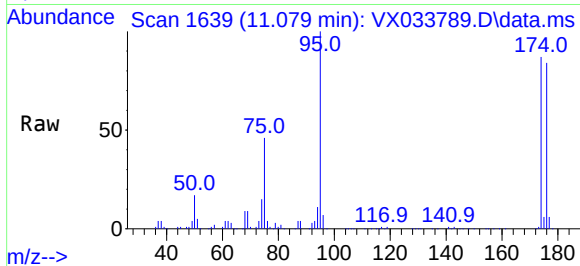




#76
1,2,3-Trichloropropane
Concen: 23.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

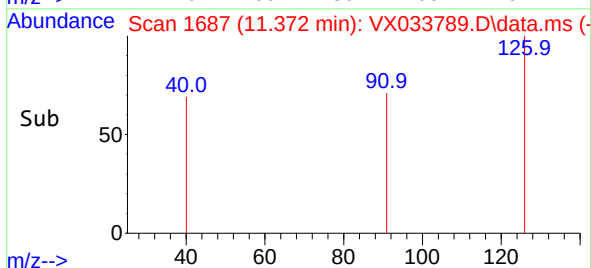
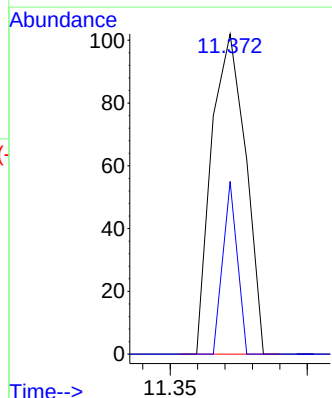
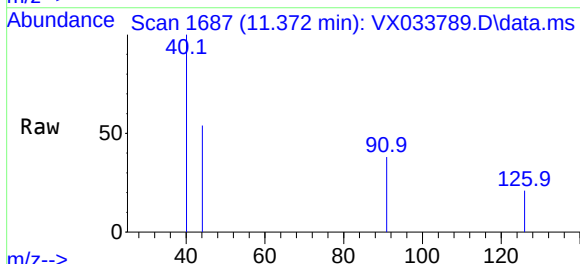
Instrument :
MSVOA_X
ClientSampleId :

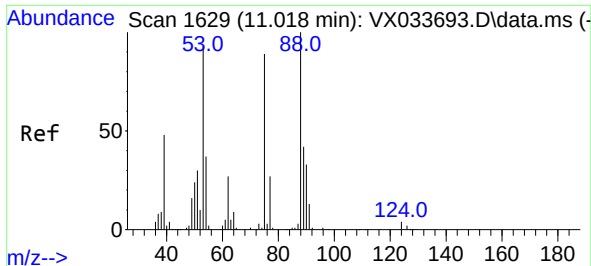
Tgt Ion: 75 Resp: 46868
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

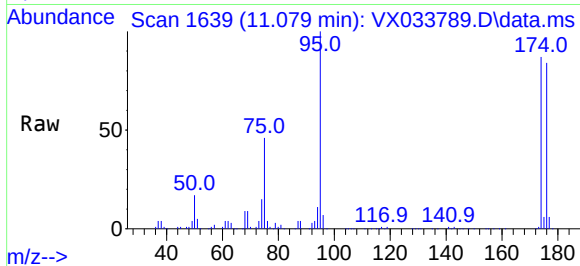
Tgt Ion: 91 Resp: 88
Ion Ratio Lower Upper
91 100
126 22.7 18.1 54.1



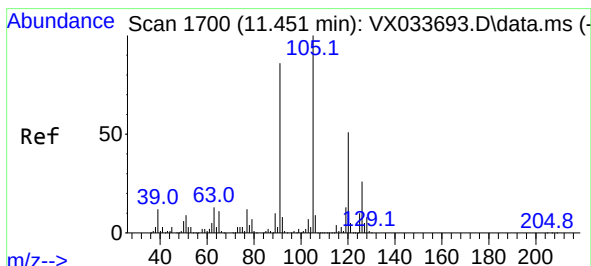
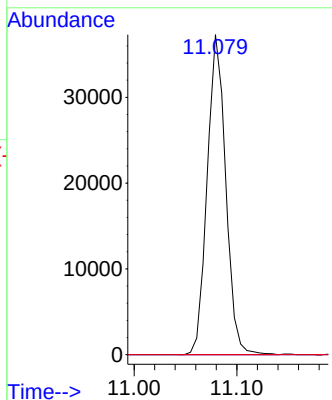
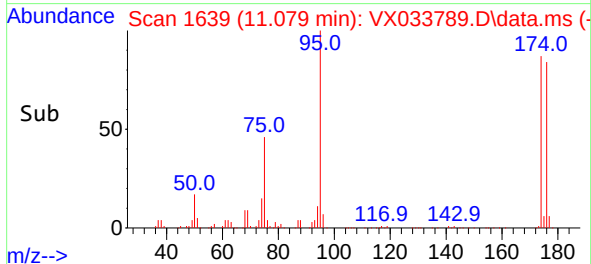


#81
trans-1,4-Dichloro-2-butene
Concen: 73.003 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 46868
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX033789.D
Acq: 19 Jan 2023 10:29

Tgt Ion: 91 Resp: 233
Ion Ratio Lower Upper
91 100
126 21.9 15.8 47.4

