

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031670.D
 Acq On : 27 Sep 2022 00:25
 Operator : JC/MD
 Sample : N4751-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:57:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

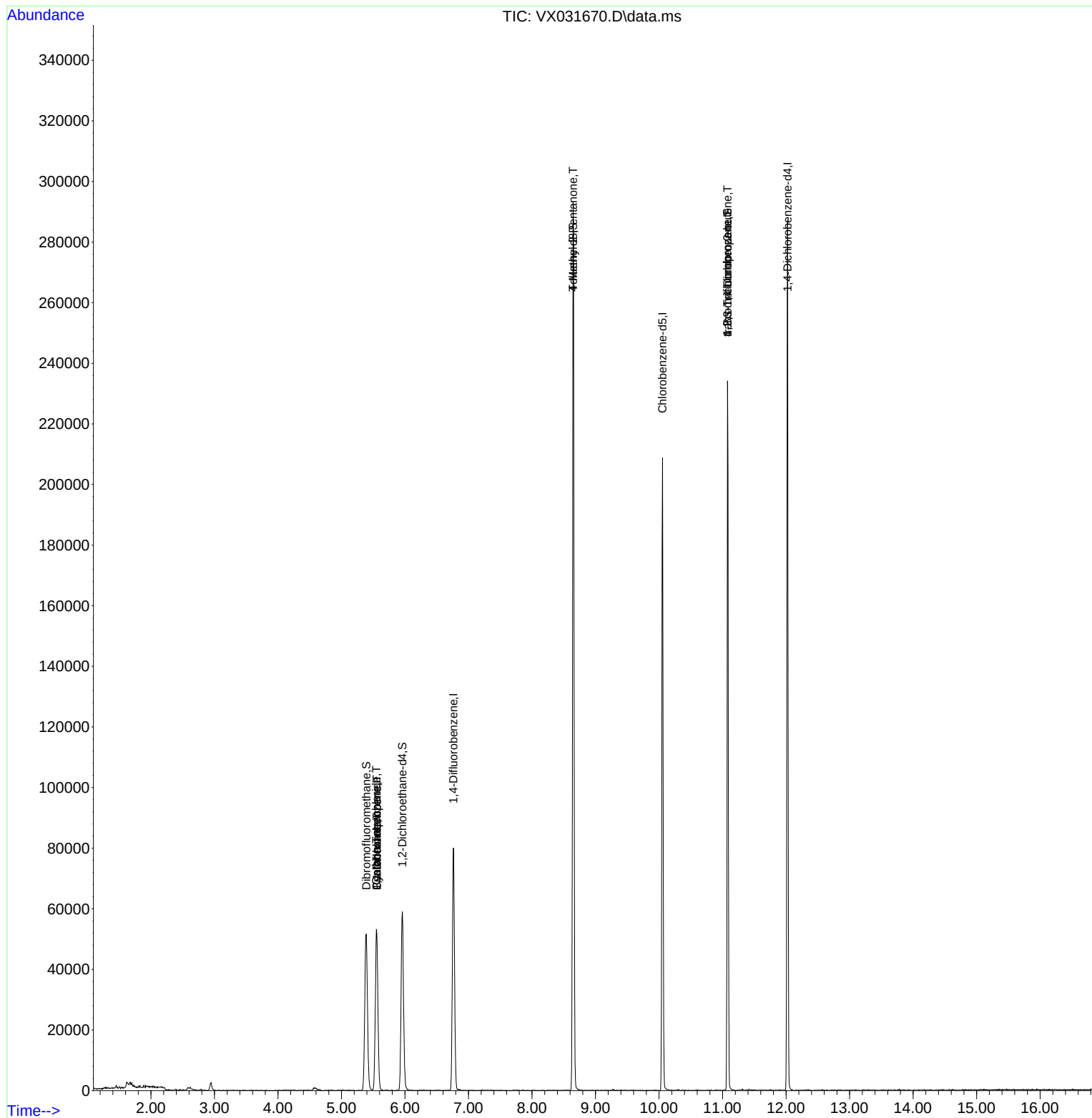
Internal Standards						
1) Pentafluorobenzene	5.556	168	51334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	82223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54724	50.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.460%	
35) Dibromofluoromethane	5.391	113	44165	45.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.160%	
50) Toluene-d8	8.647	98	170849	48.102	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.200%	
62) 4-Bromofluorobenzene	11.079	95	52763	40.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 81.060%#	
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	85	Below Cal	#	41
5) Bromomethane	1.618	94	357	Below Cal	#	76
6) Chloroethane	1.673	64	144	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	64	Below Cal	#	18
11) Tert butyl alcohol	2.947	59	1656	Below Cal	#	73
16) Acetone	2.386	43	439	Below Cal		93
17) Carbon Disulfide	2.496	76	84	Below Cal	#	75
20) Methylene Chloride	2.788	84	174	Below Cal	#	82
31) Cyclohexane	5.556	56	1207	1.165	ug/l #	65
36) 1,1-Dichloropropene	5.556	75	3993	3.549	ug/l #	51
38) Carbon Tetrachloride	5.550	117	5176	4.082	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	754	0.667	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30078	29.550	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30078	97.444	ug/l #	11

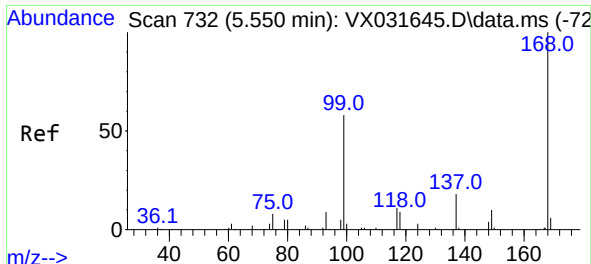
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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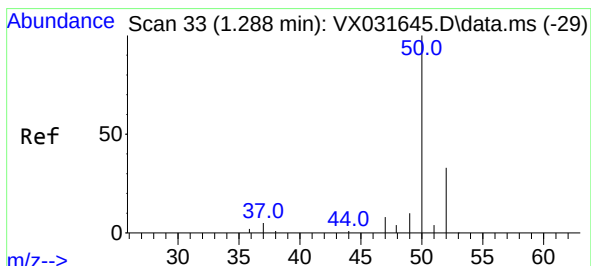
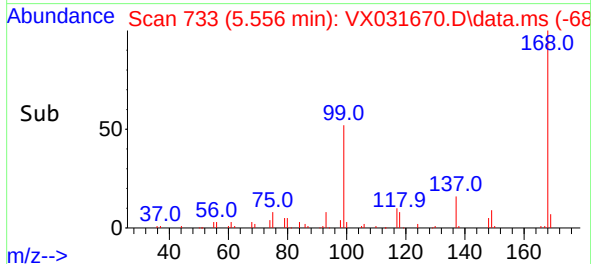
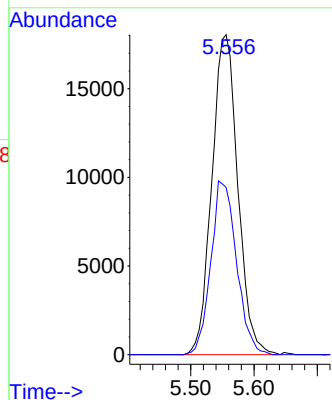
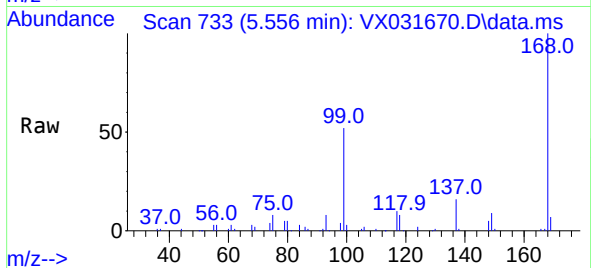




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

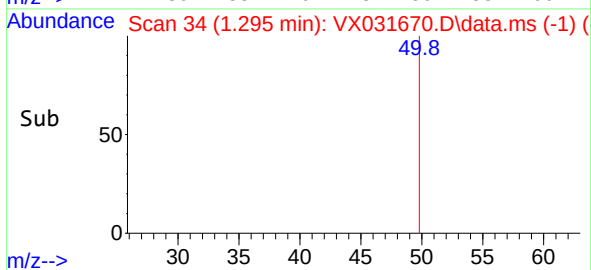
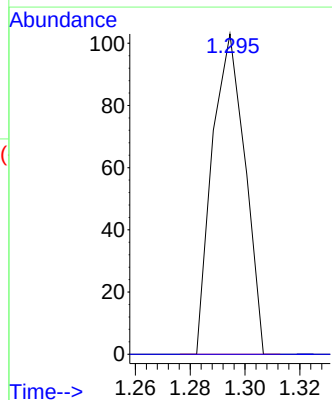
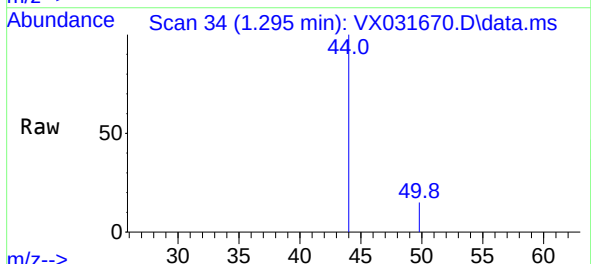
Instrument :
MSVOA_X
ClientSampleId :

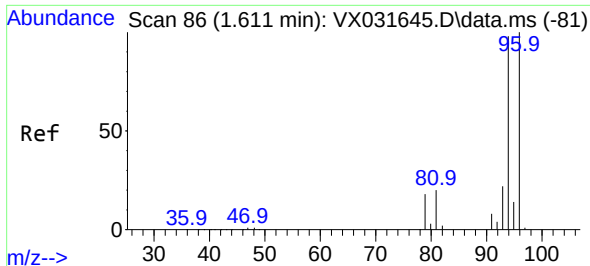
Tgt Ion:168 Resp: 51334
Ion Ratio Lower Upper
168 100
99 52.2 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Tgt Ion: 50 Resp: 85
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

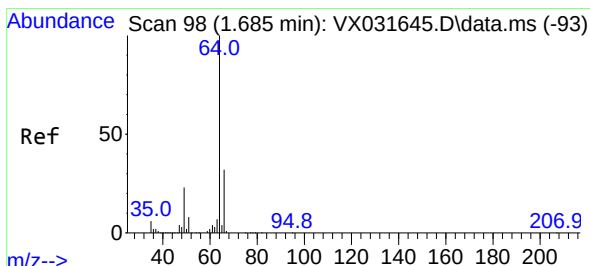
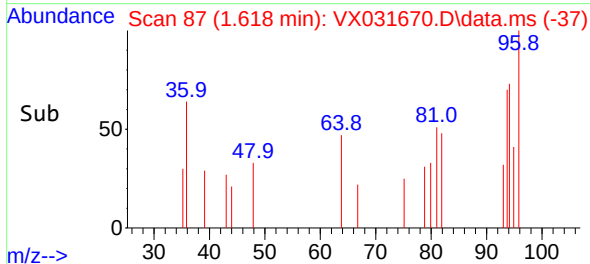
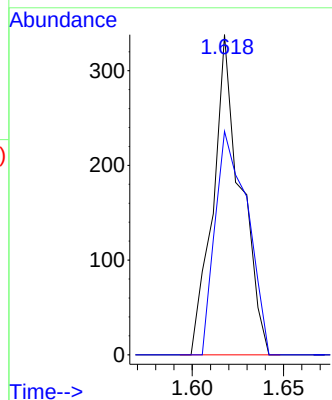
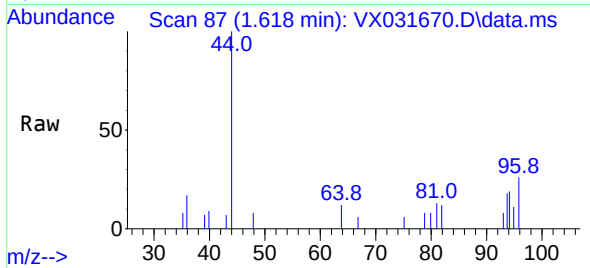




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

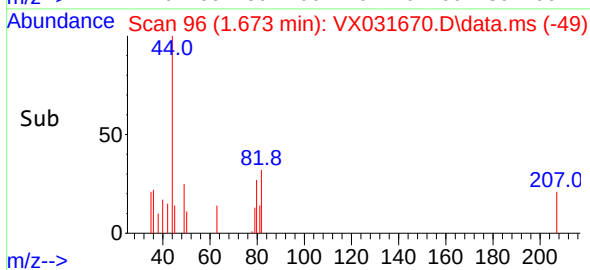
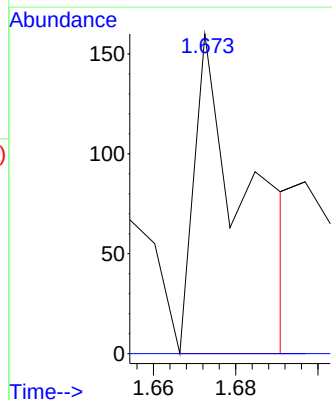
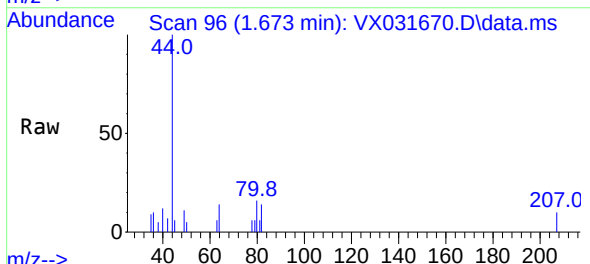
Instrument :
MSVOA_X
ClientSampleId :

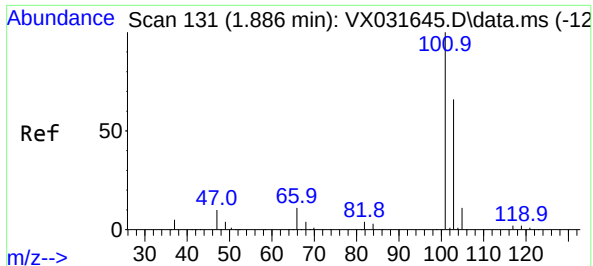
Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 69.8 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

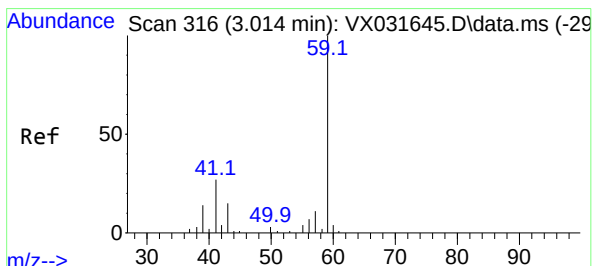
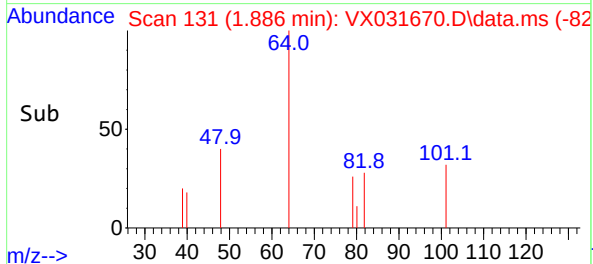
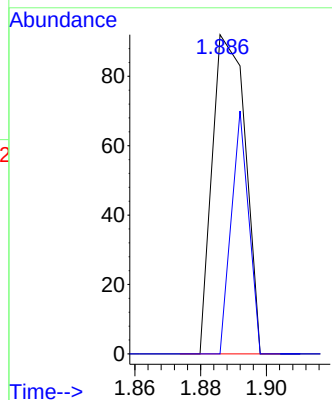
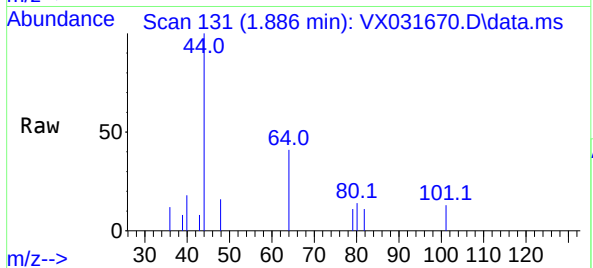




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

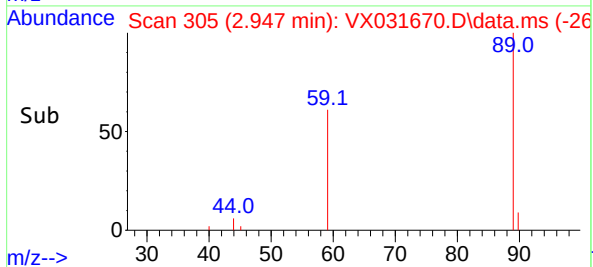
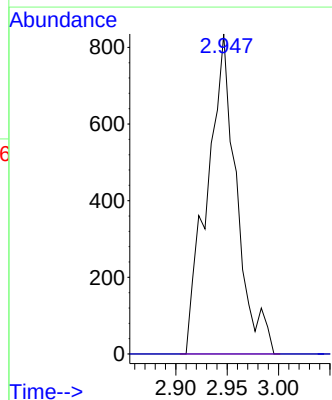
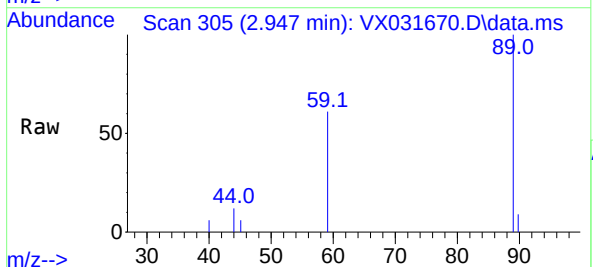
Instrument :
MSVOA_X
ClientSampleId :

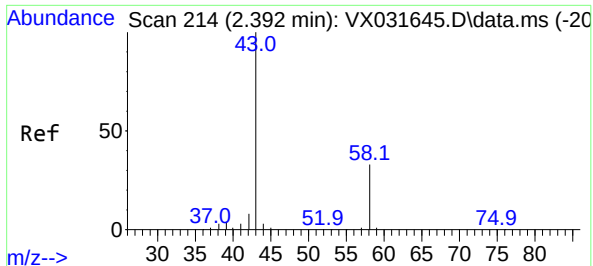
Tgt Ion:101 Resp: 64
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Tgt Ion: 59 Resp: 1656
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

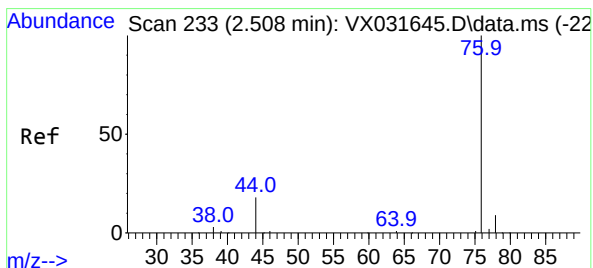
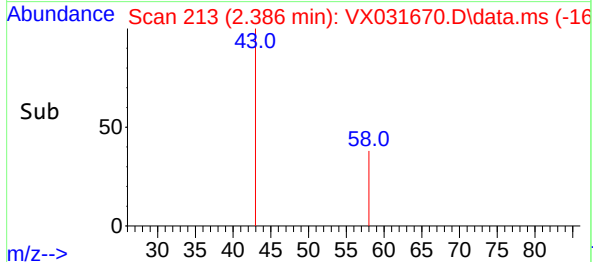
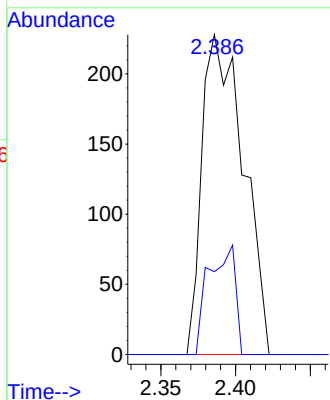
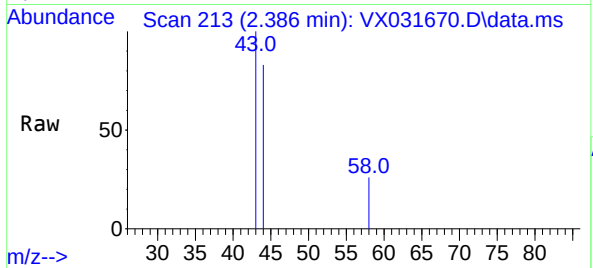




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

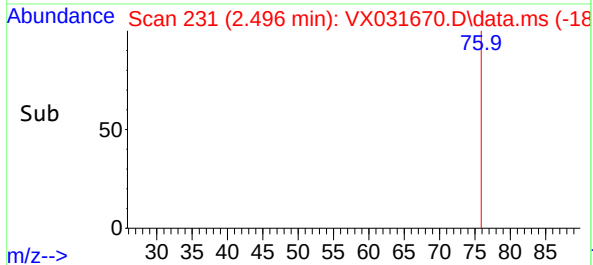
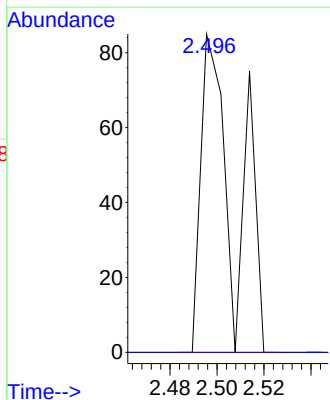
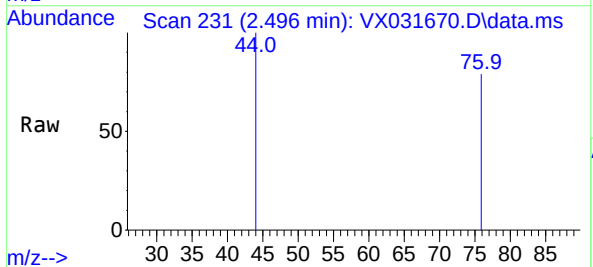
Instrument :
MSVOA_X
ClientSampleId :

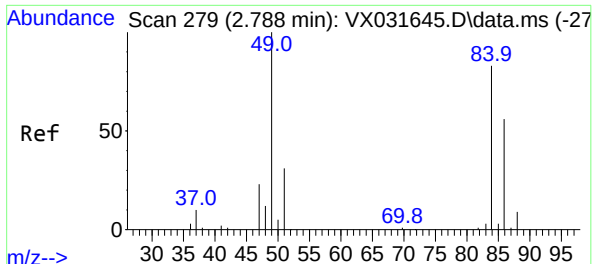
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.496 min Scan# 231
Delta R.T. -0.018 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Tgt Ion: 76 Resp: 84
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

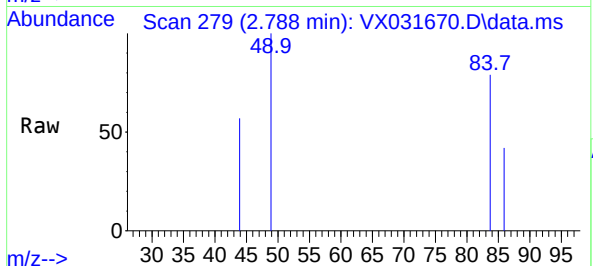
Lab File: VX031670.D

Acq: 27 Sep 2022 00:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 174

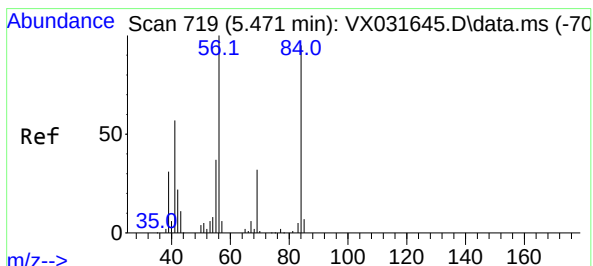
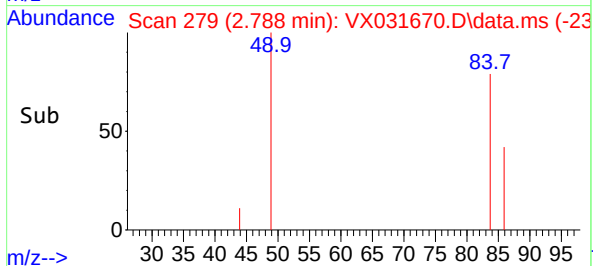
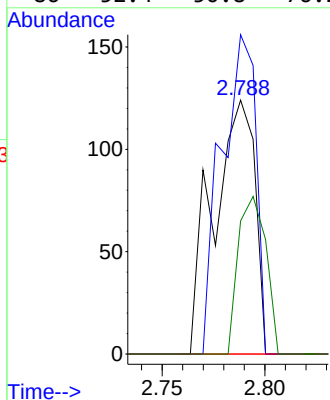
Ion Ratio Lower Upper

84 100

49 125.8 105.9 158.9

51 0.0 32.2 48.2#

86 52.4 50.8 76.2



#31

Cyclohexane

Concen: 1.165 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031670.D

Acq: 27 Sep 2022 00:25

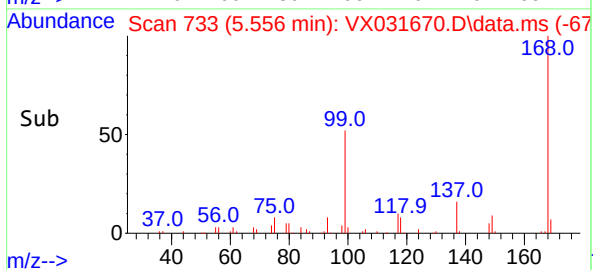
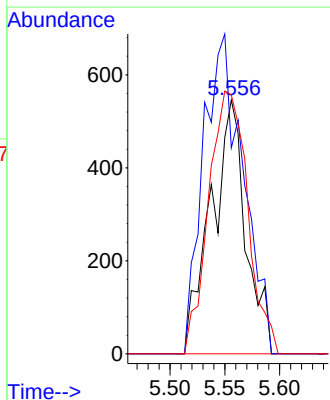
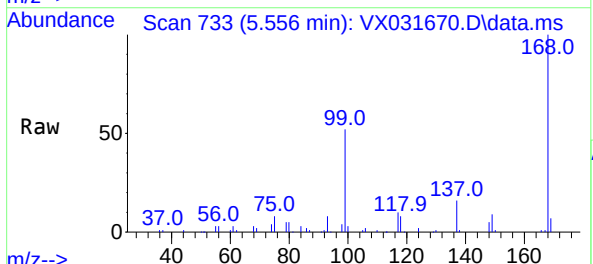
Tgt Ion: 56 Resp: 1207

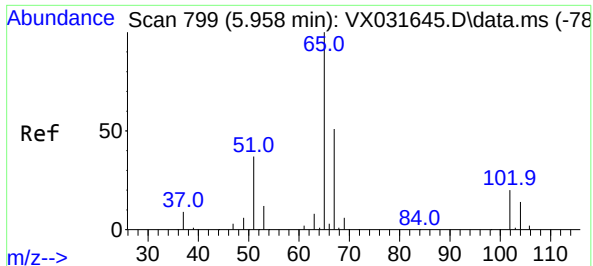
Ion Ratio Lower Upper

56 100

69 81.1 25.1 37.7#

84 102.0 70.2 105.4

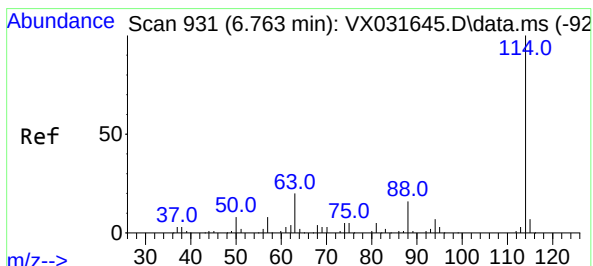
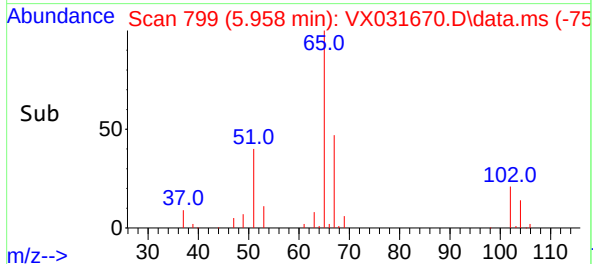
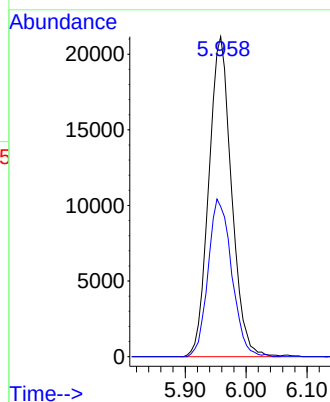
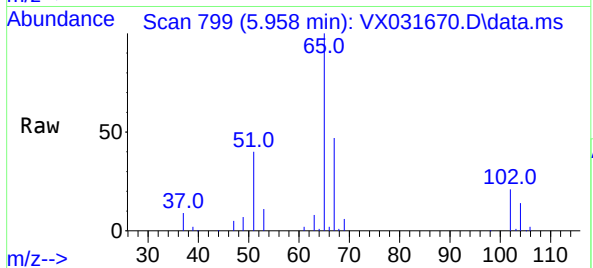




#33
1,2-Dichloroethane-d4
Concen: 50.228 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

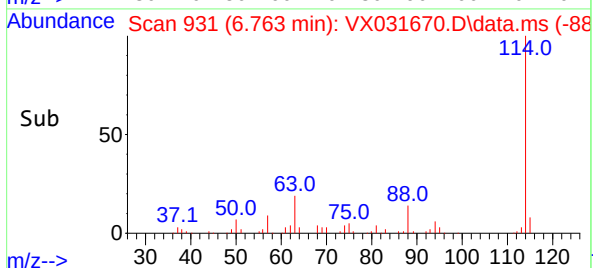
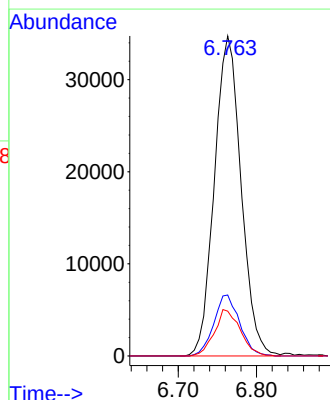
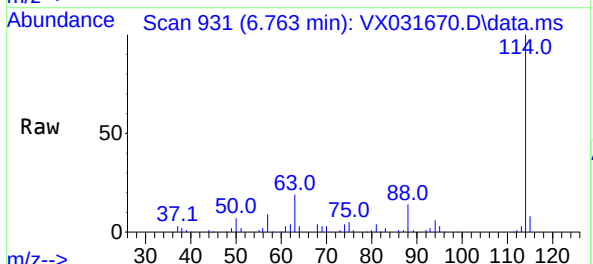
Instrument :
MSVOA_X
ClientSampleId :

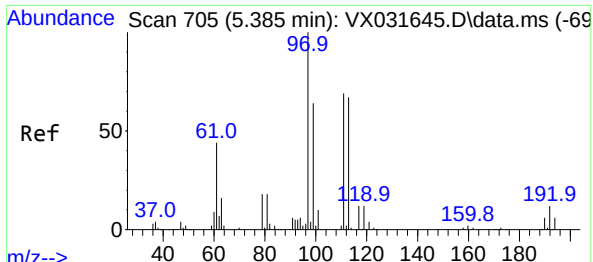
Tgt Ion: 65 Resp: 54724
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Tgt Ion: 114 Resp: 82223
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.6
88 14.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.080 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.000 min

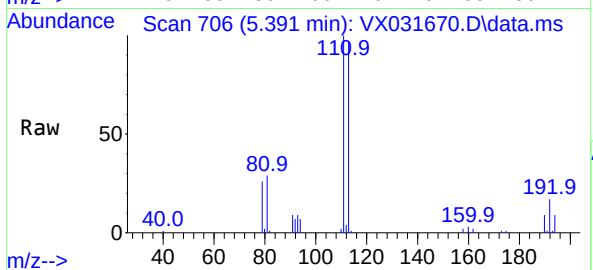
Lab File: VX031670.D

Acq: 27 Sep 2022 00:25

Instrument :

MSVOA_X

ClientSampleId :



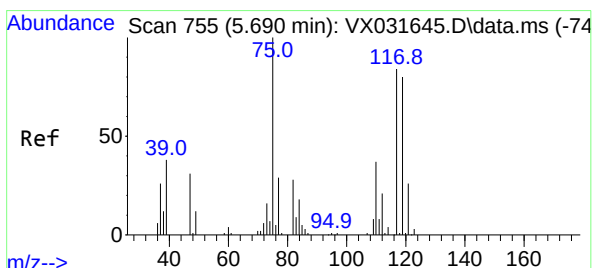
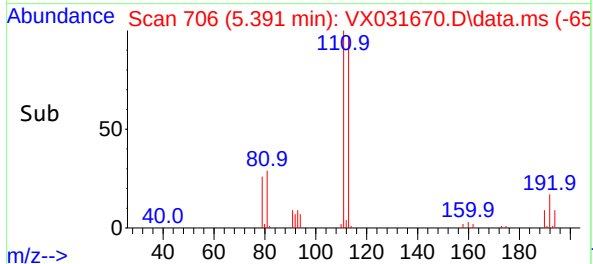
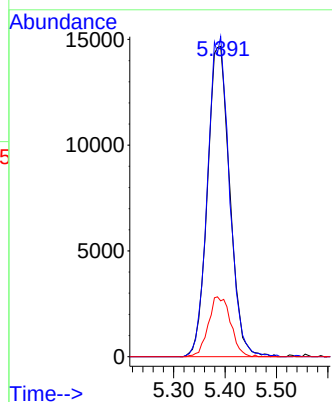
Tgt Ion:113 Resp: 44165

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

192 19.2 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.549 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX031670.D

Acq: 27 Sep 2022 00:25

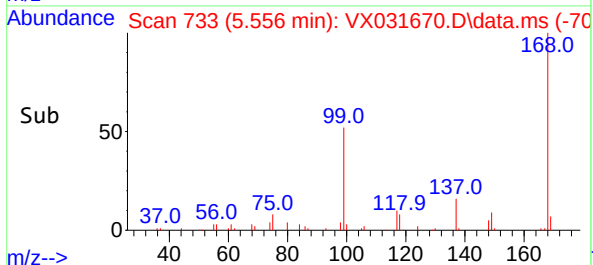
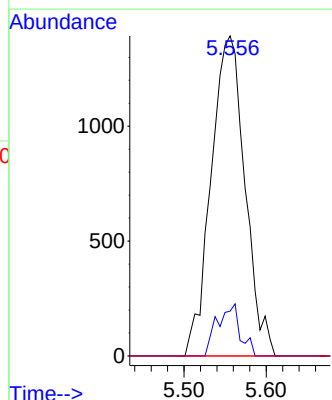
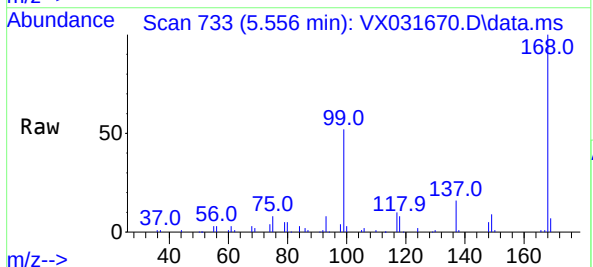
Tgt Ion: 75 Resp: 3993

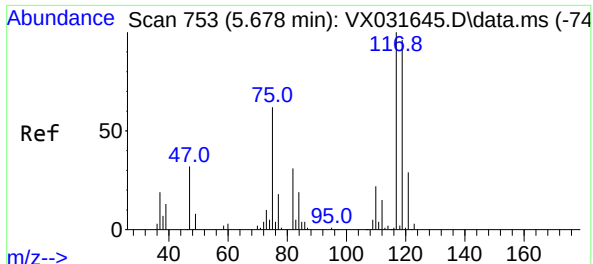
Ion Ratio Lower Upper

75 100

110 10.9 17.5 52.5#

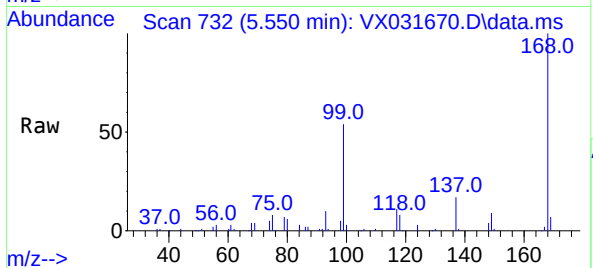
77 0.0 24.9 37.3#



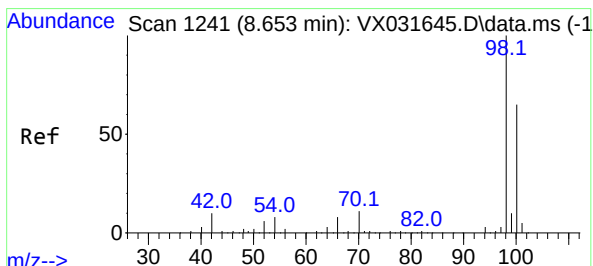
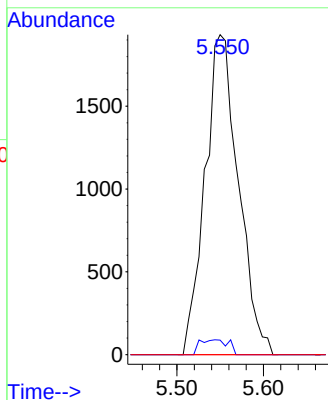
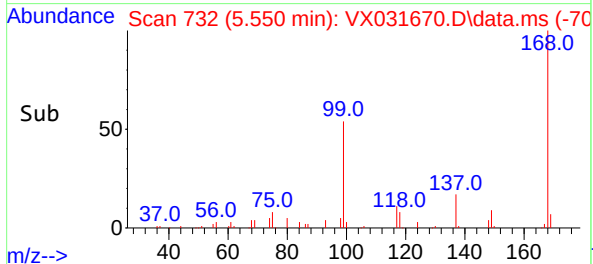


#38
Carbon Tetrachloride
Concen: 4.082 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Instrument :
MSVOA_X
ClientSampleId :

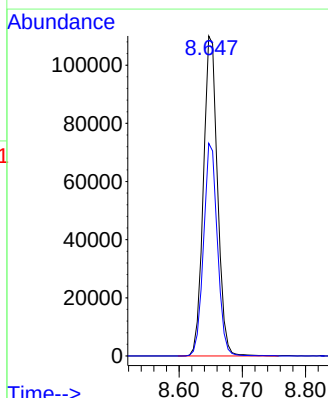
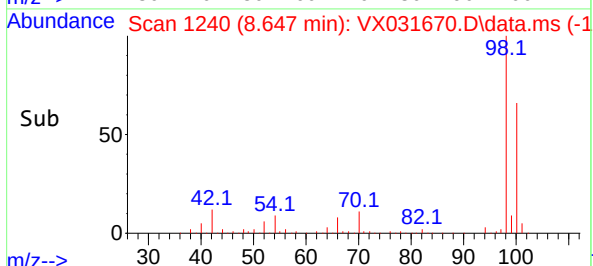
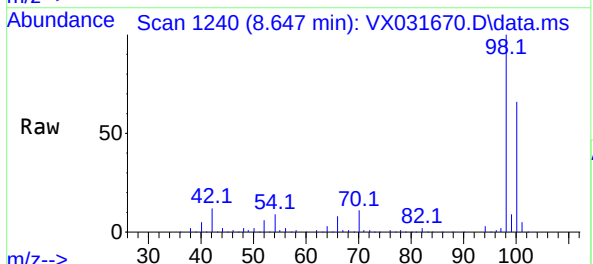


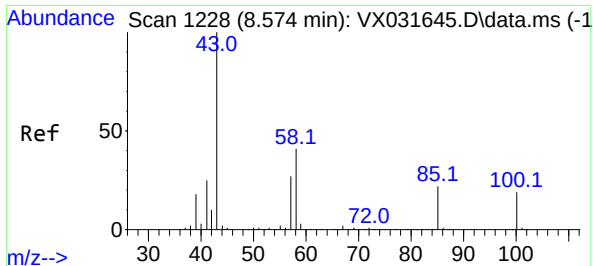
Tgt Ion:117 Resp: 5176
Ion Ratio Lower Upper
117 100
119 4.6 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.102 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Tgt Ion: 98 Resp: 170849
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.667 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031670.D

Acq: 27 Sep 2022 00:25

Instrument :

MSVOA_X

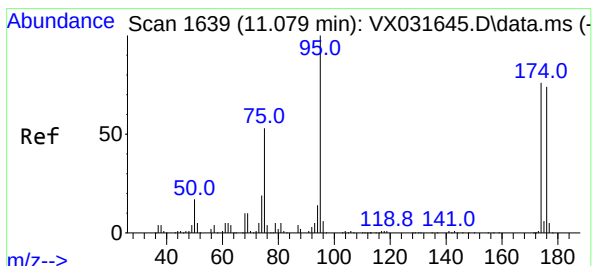
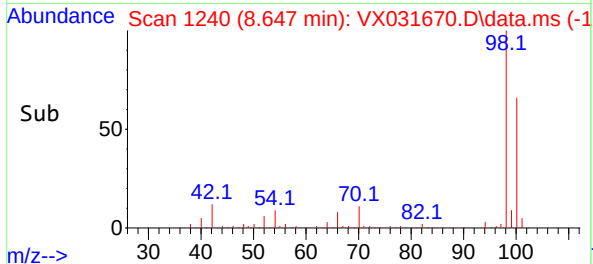
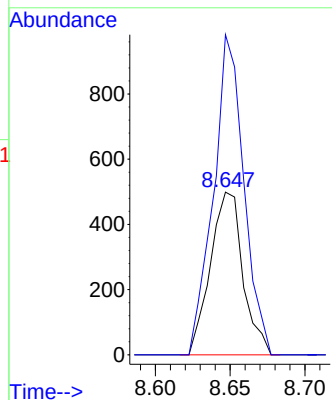
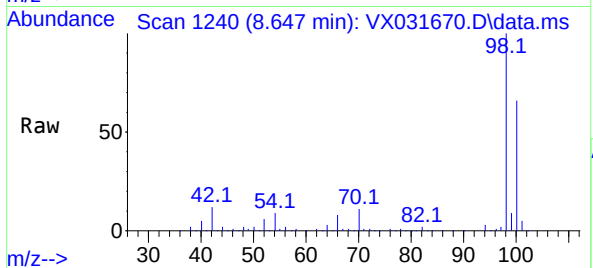
ClientSampleId :

Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

58 184.2 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 40.530 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031670.D

Acq: 27 Sep 2022 00:25

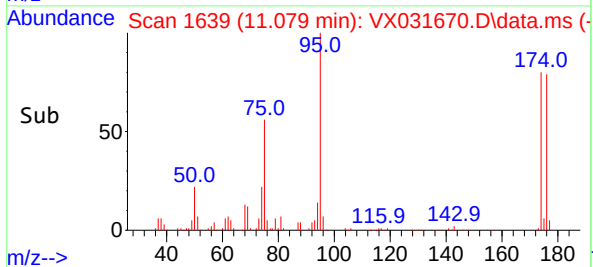
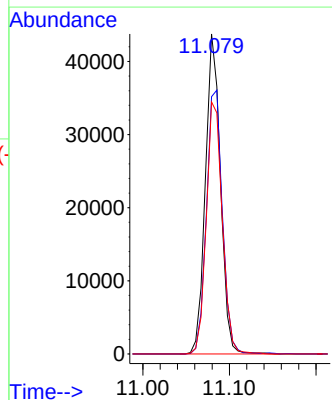
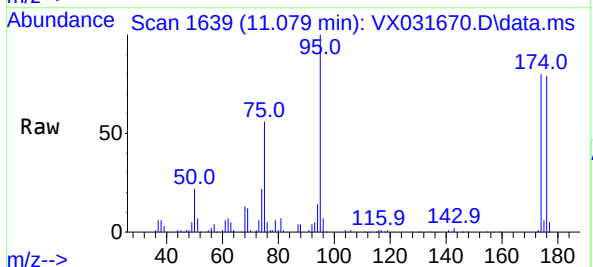
Tgt Ion: 95 Resp: 52763

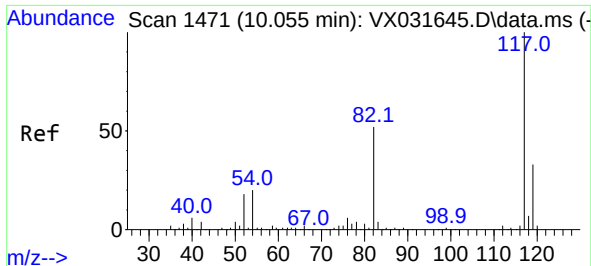
Ion Ratio Lower Upper

95 100

174 87.6 0.0 153.2

176 83.8 0.0 144.0

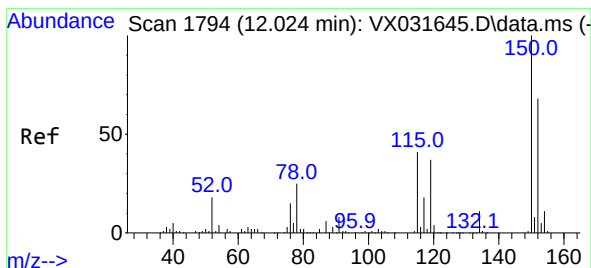
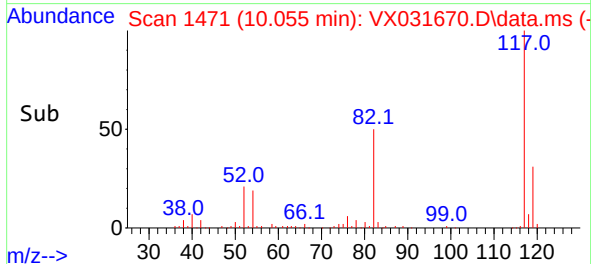
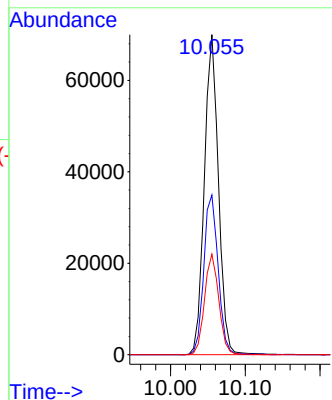
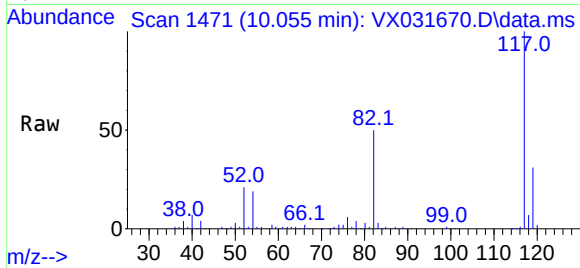




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

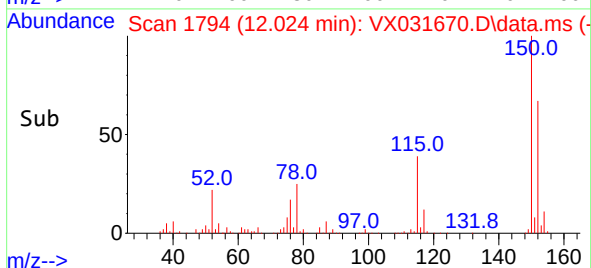
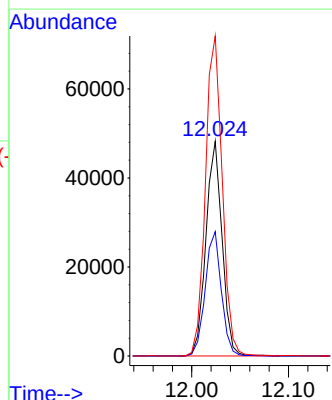
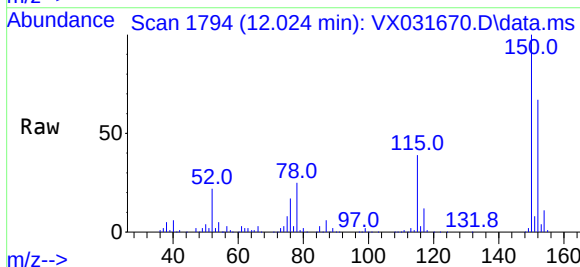
Instrument :
MSVOA_X
ClientSampleId :

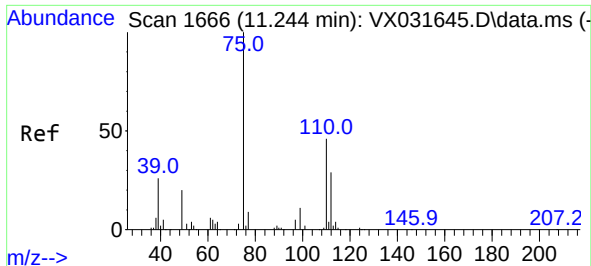
Tgt Ion:	117	Resp:	91789
Ion	Ratio	Lower	Upper
117	100		
82	49.9	46.8	70.2
119	31.4	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Tgt Ion:	152	Resp:	56147
Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.4	130.1
150	154.7	0.0	346.8

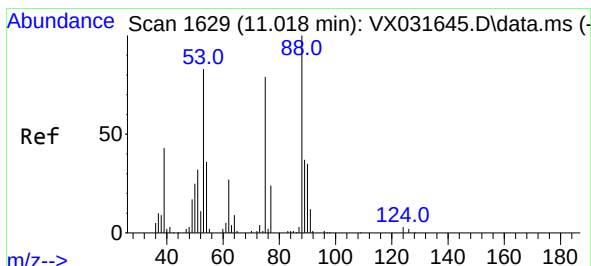
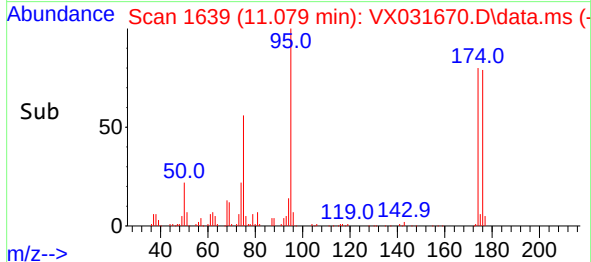
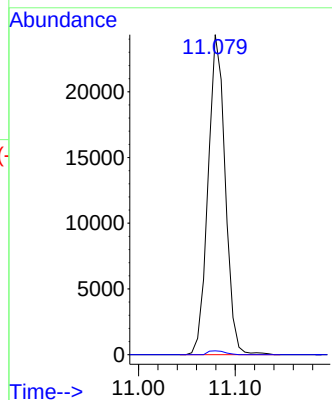
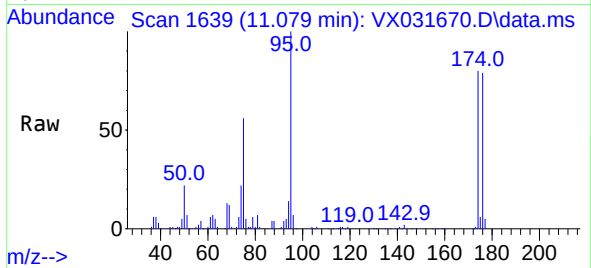




#76
1,2,3-Trichloropropane
Concen: 29.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30078
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031670.D
Acq: 27 Sep 2022 00:25

Tgt Ion: 75 Resp: 30078
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

