

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031649.D
 Acq On : 26 Sep 2022 14:03
 Operator : JC/MD
 Sample : VX0926MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:53:11 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)

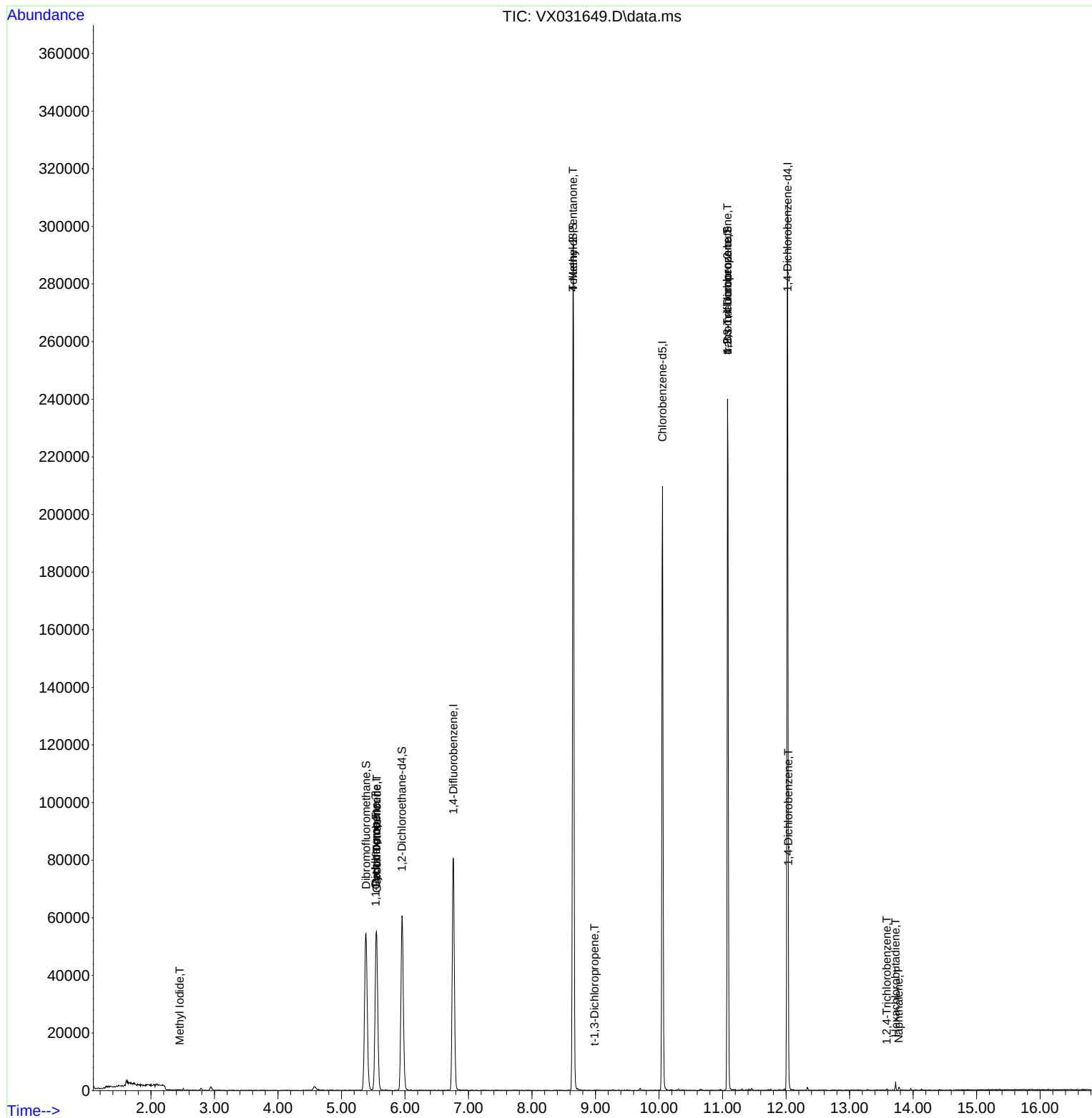
Internal Standards						
1) Pentafluorobenzene	5.550	168	55058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	84549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55984	47.909	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.820%
35) Dibromofluoromethane	5.385	113	46234	45.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	167292	45.804	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.600%
62) 4-Bromofluorobenzene	11.079	95	55143	41.193	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.380%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	129	Below Cal	#	81
5) Bromomethane	1.611	94	567	Below Cal	#	68
6) Chloroethane	1.642	64	42	Below Cal	#	43
10) Methyl Iodide	2.453	142	184	0.256 ug/l	#	54
11) Tert butyl alcohol	2.940	59	707	Below Cal	#	73
12) 1,1-Dichloroethene	2.038	96	19	Below Cal	#	1
13) Acrolein	1.989	56	19	Below Cal	#	15
16) Acetone	2.398	43	150	Below Cal	#	45
17) Carbon Disulfide	2.508	76	538	Below Cal	#	75
20) Methylene Chloride	2.794	84	382	Below Cal	#	54
31) Cyclohexane	5.544	56	1234	1.111 ug/l	#	44
36) 1,1-Dichloropropene	5.537	75	4465	3.859 ug/l	#	47
38) Carbon Tetrachloride	5.556	117	5623	4.313 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.647	43	750	0.645 ug/l	#	1
53) t-1,3-Dichloropropene	8.982	75	48	1.917 ug/l	#	44
76) 1,2,3-Trichloropropane	11.079	75	31368	29.028 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31368	95.778 ug/l	#	11
88) 1,4-Dichlorobenzene	12.036	146	426	0.214 ug/l	#	1
93) 1,2,4-Trichlorobenzene	13.585	180	252	0.227 ug/l	#	83
94) Hexachlorobutadiene	13.725	225	389	0.897 ug/l	#	97
95) Naphthalene	13.774	128	1001	0.269 ug/l	#	72

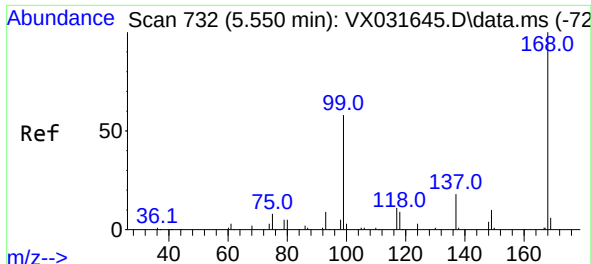
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
Data File : VX031649.D
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Sample : VX0926MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

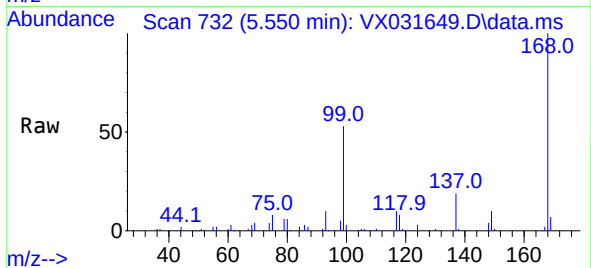
Quant Time: Sep 27 01:53:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



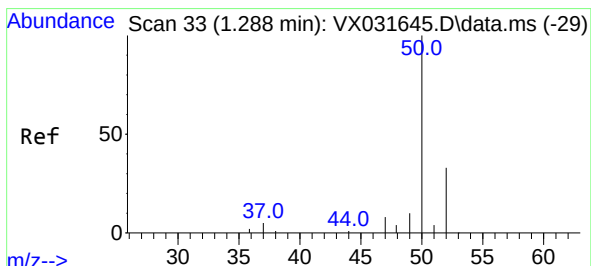
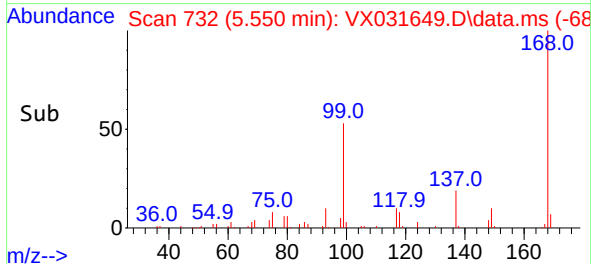
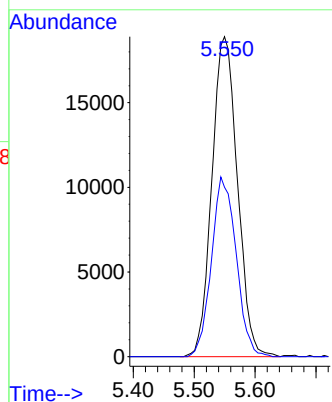


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

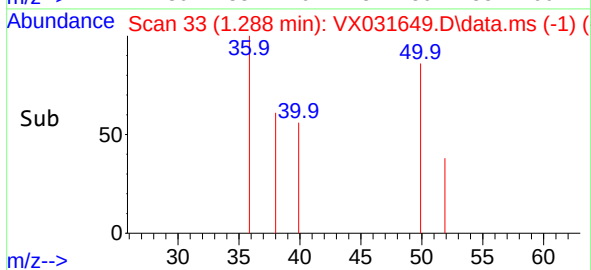
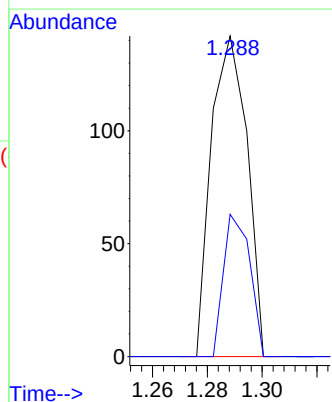
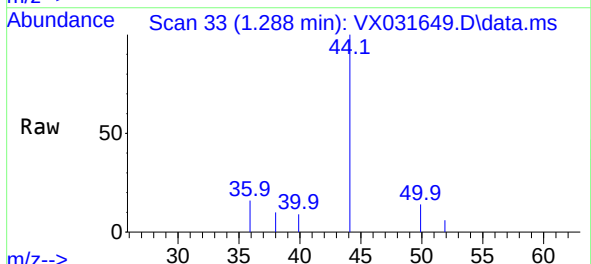


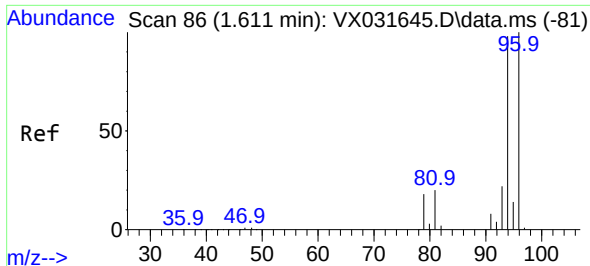
Tgt Ion:168 Resp: 55058
Ion Ratio Lower Upper
168 100
99 52.9 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

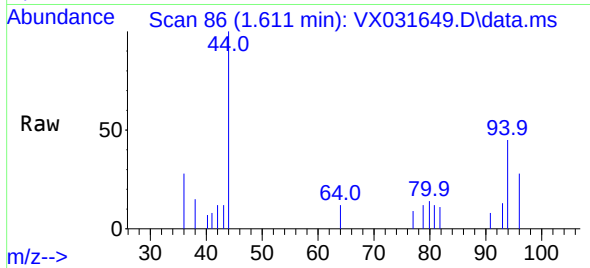
Tgt Ion: 50 Resp: 129
Ion Ratio Lower Upper
50 100
52 44.4 26.9 40.3#



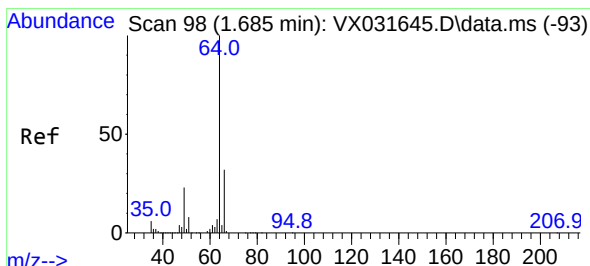
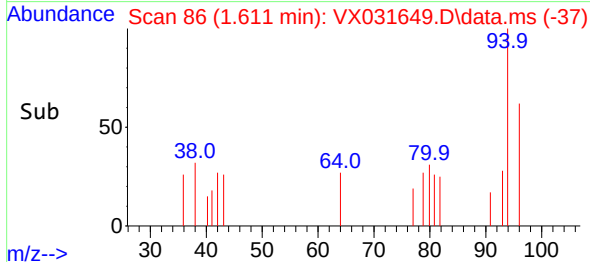
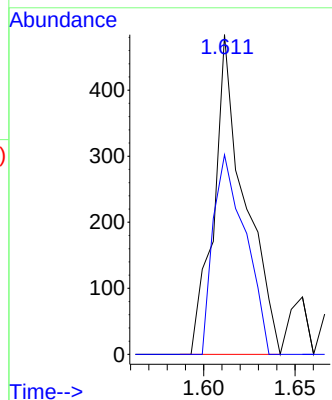


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

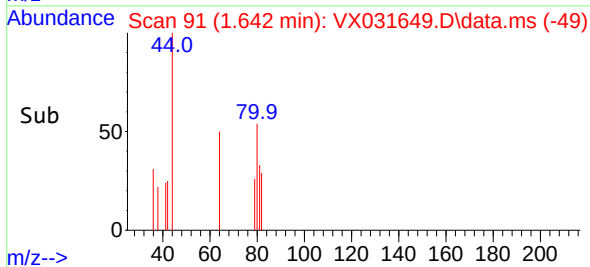
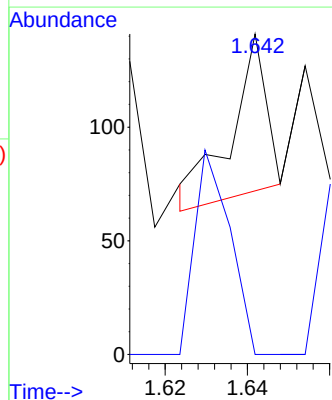
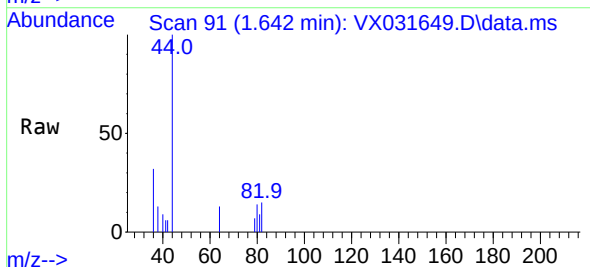


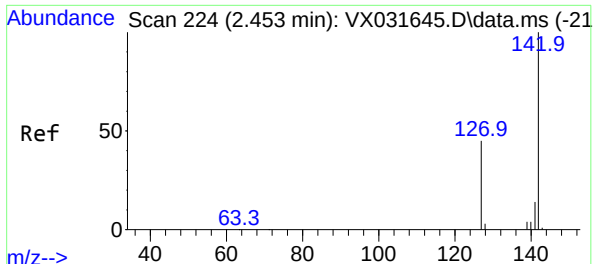
Tgt Ion: 94 Resp: 567
Ion Ratio Lower Upper
94 100
96 62.4 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.043 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

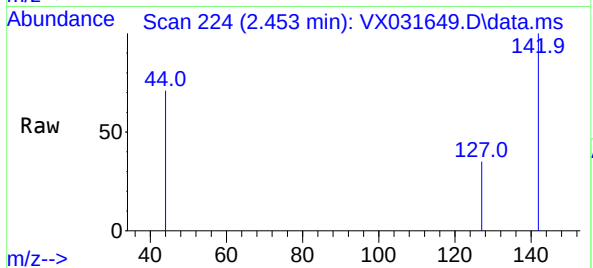
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



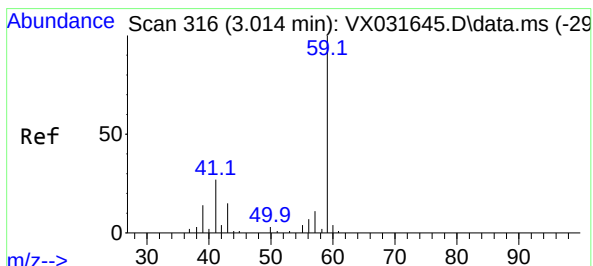
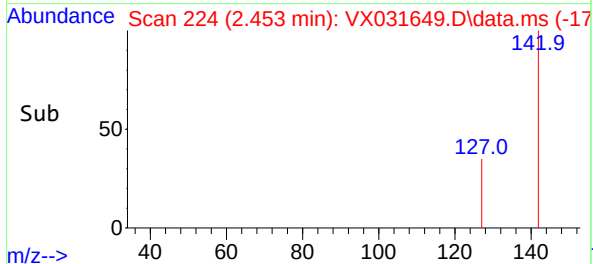
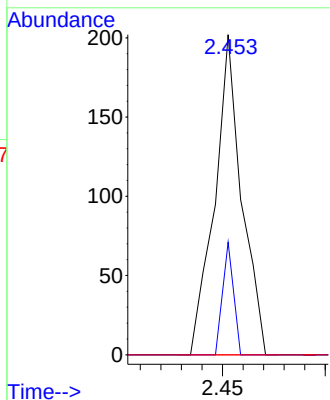


#10
Methyl Iodide
Concen: 0.256 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

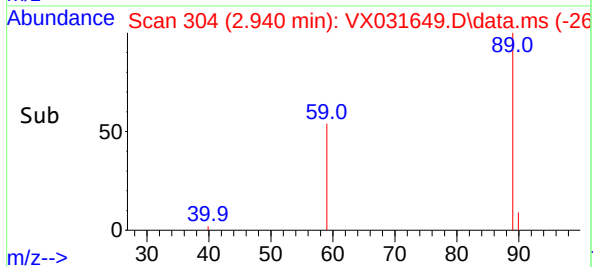
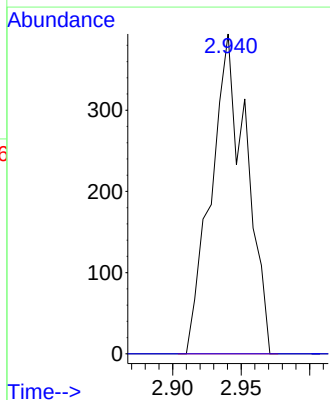
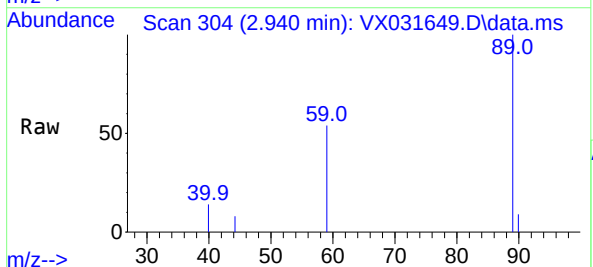


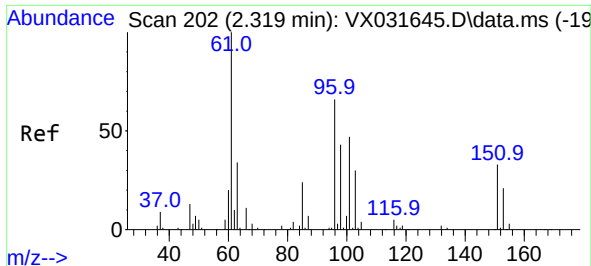
Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
127 14.1 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

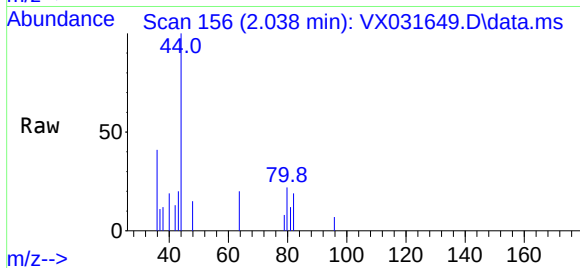
Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



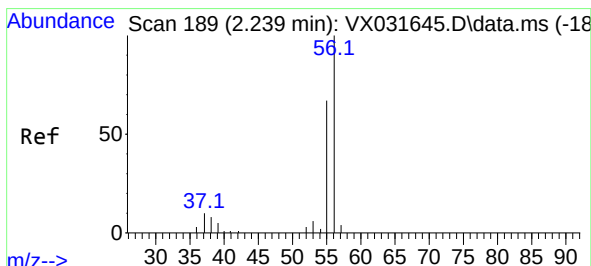
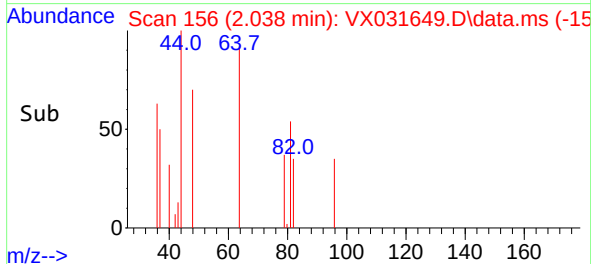
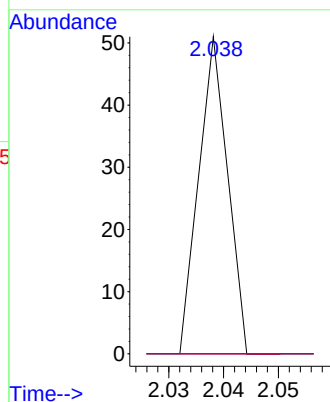


#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.038 min Scan# 11
Delta R.T. -0.281 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

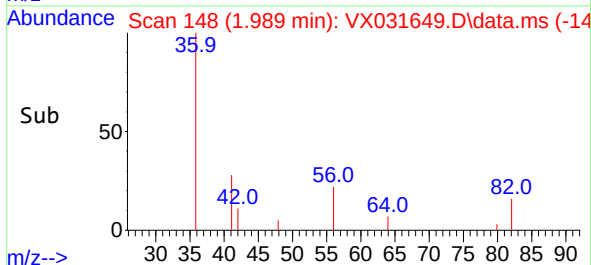
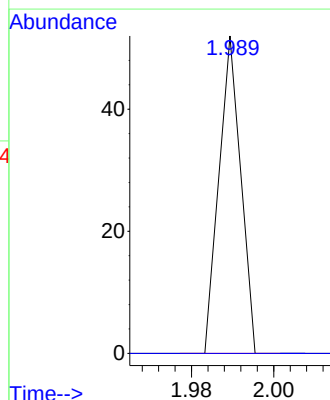
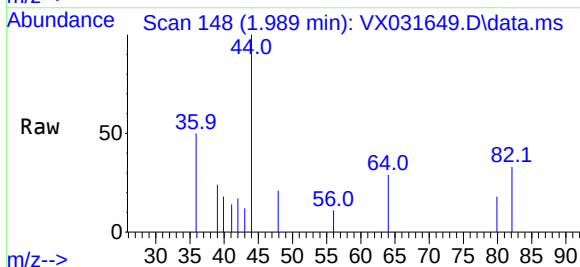


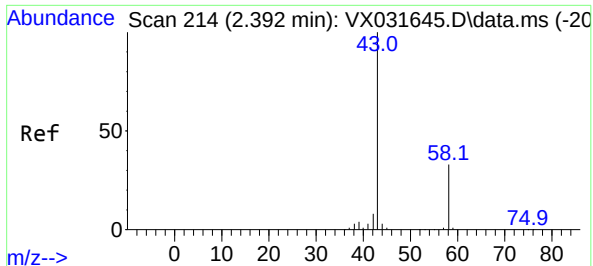
Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 135.3 202.9#
98 0.0 49.4 74.2#



#13
Acrolein
Concen: Below Cal
RT: 1.989 min Scan# 148
Delta R.T. -0.250 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

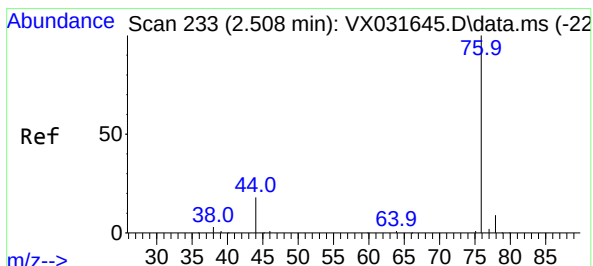
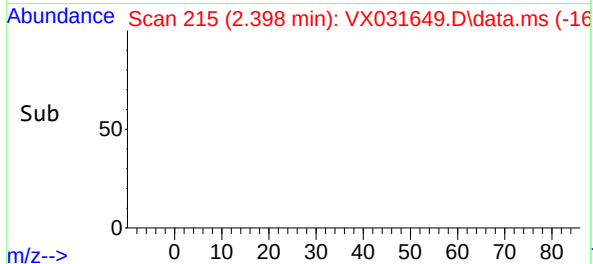
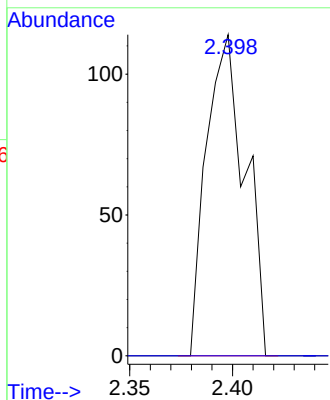
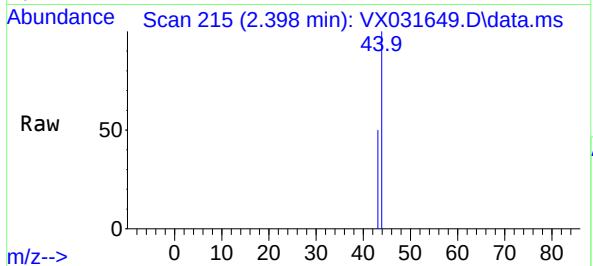




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

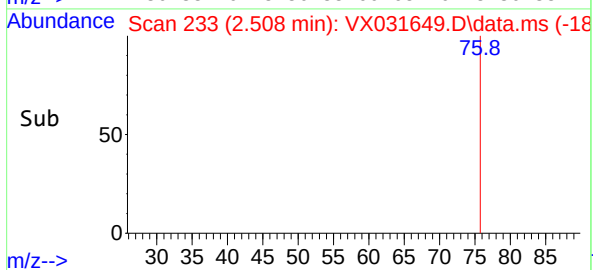
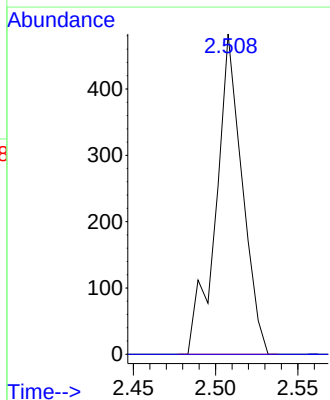
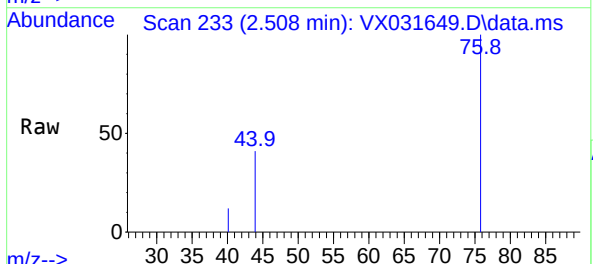
Instrument :
MSVOA_X
ClientSampleId :

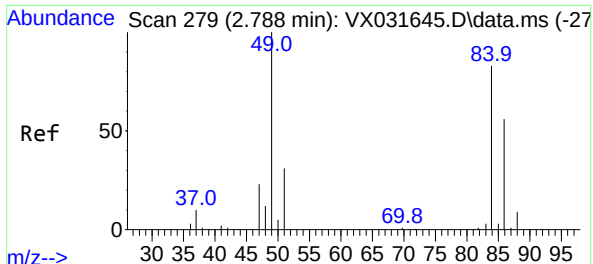
Tgt Ion: 43 Resp: 150
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Tgt Ion: 76 Resp: 538
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

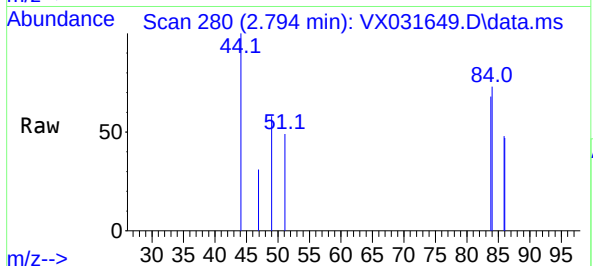
Lab File: VX031649.D

Acq: 26 Sep 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 382

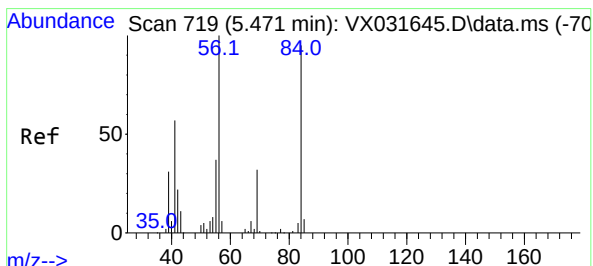
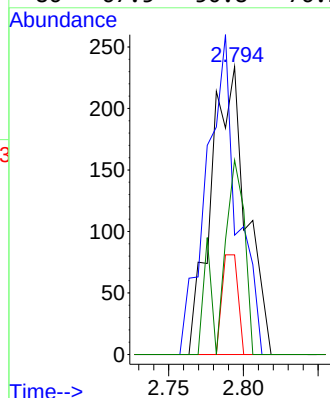
Ion Ratio Lower Upper

84 100

49 41.5 105.9 158.9#

51 34.6 32.2 48.2

86 67.5 50.8 76.2



#31

Cyclohexane

Concen: 1.111 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX031649.D

Acq: 26 Sep 2022 14:03

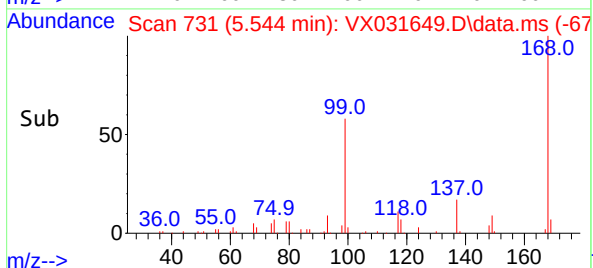
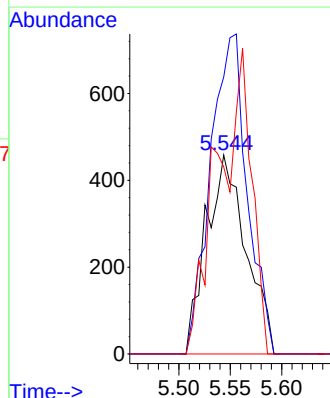
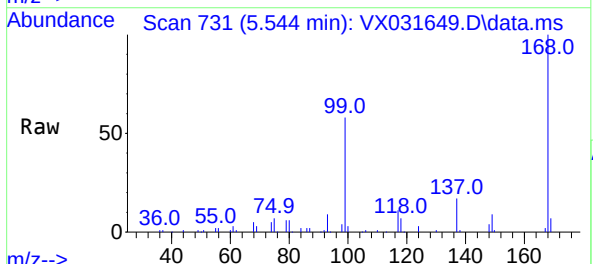
Tgt Ion: 56 Resp: 1234

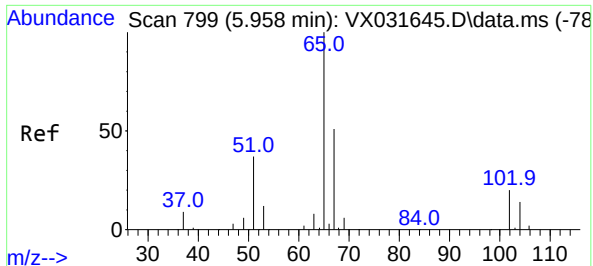
Ion Ratio Lower Upper

56 100

69 139.3 25.1 37.7#

84 94.1 70.2 105.4

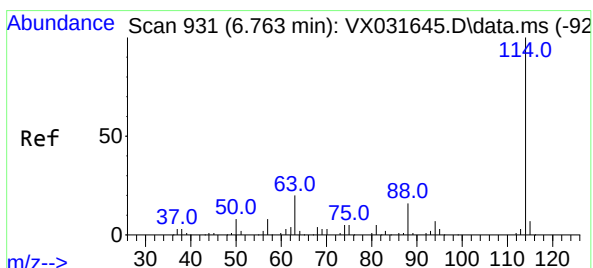
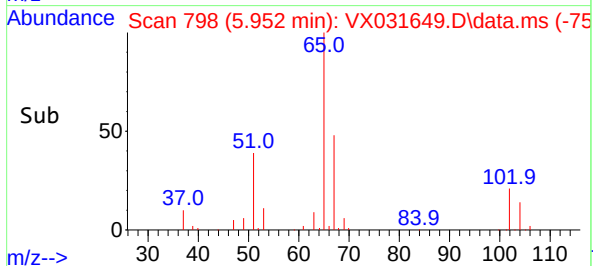
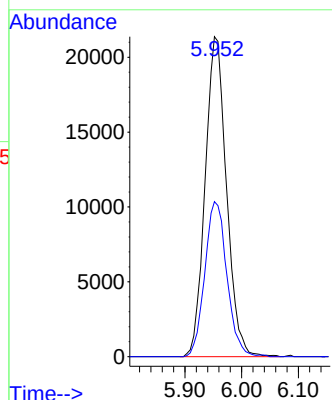
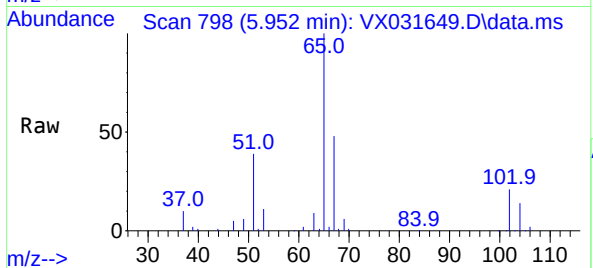




#33
 1,2-Dichloroethane-d4
 Concen: 47.909 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX031649.D
 Acq: 26 Sep 2022 14:03

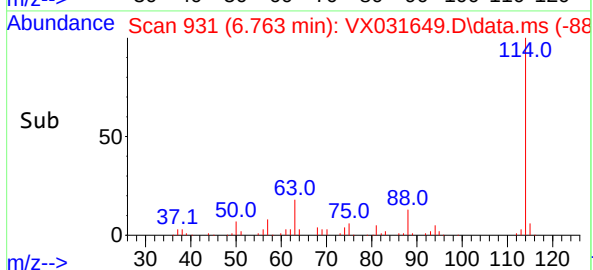
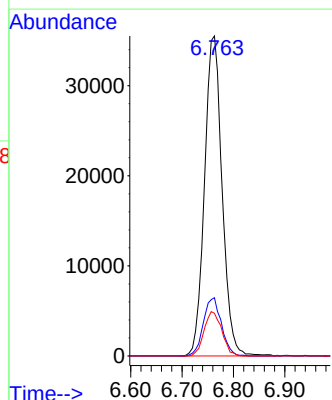
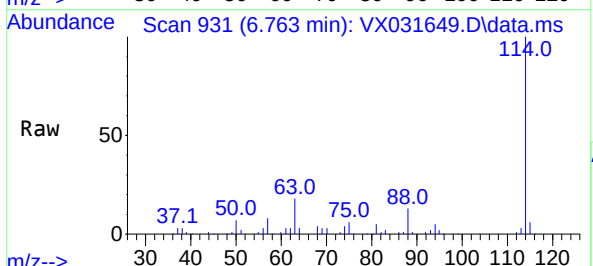
Instrument :
 MSVOA_X
 ClientSampleId :

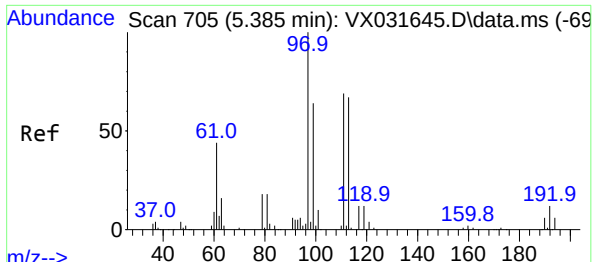
Tgt Ion: 65 Resp: 55984
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX031649.D
 Acq: 26 Sep 2022 14:03

Tgt Ion: 114 Resp: 84549
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 42.6
 88 13.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.894 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

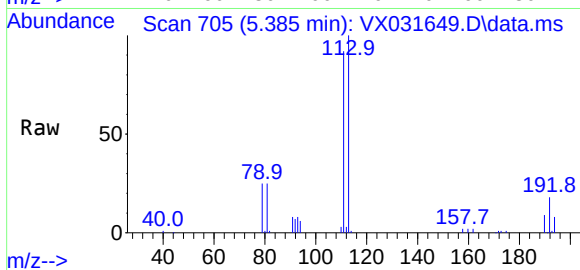
Lab File: VX031649.D

Acq: 26 Sep 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :



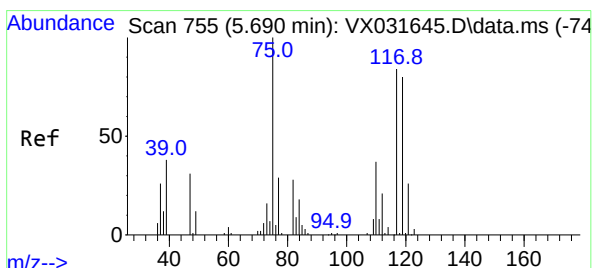
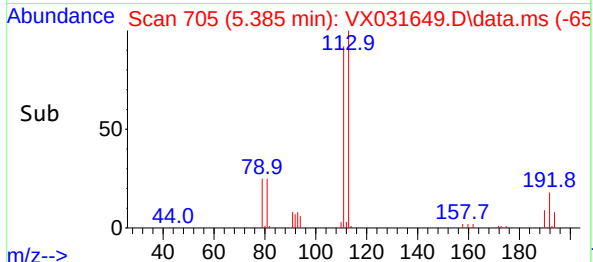
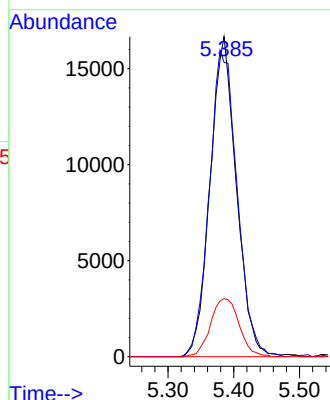
Tgt Ion:113 Resp: 46234

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 19.8 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.859 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.153 min

Lab File: VX031649.D

Acq: 26 Sep 2022 14:03

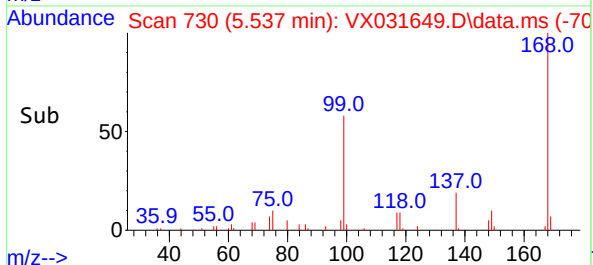
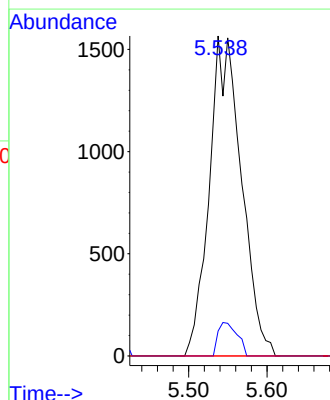
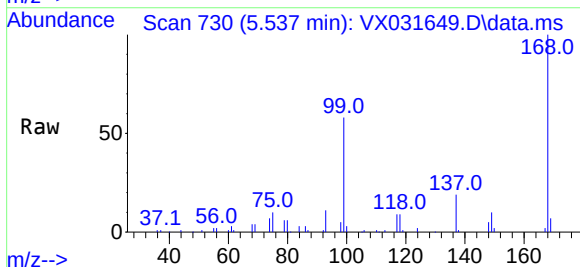
Tgt Ion: 75 Resp: 4465

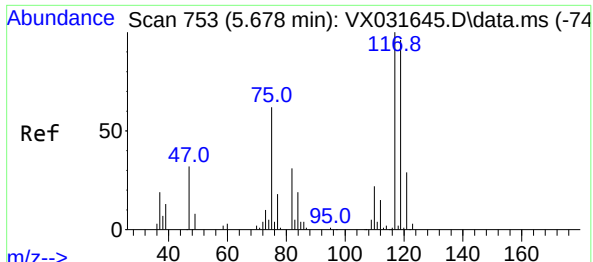
Ion Ratio Lower Upper

75 100

110 6.2 17.5 52.5#

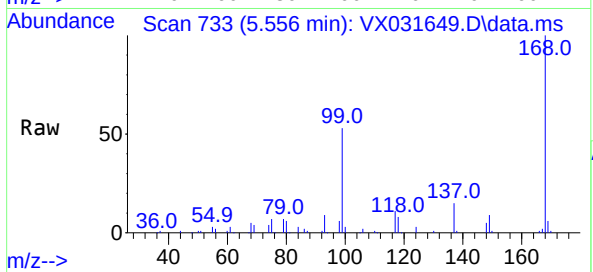
77 0.0 24.9 37.3#



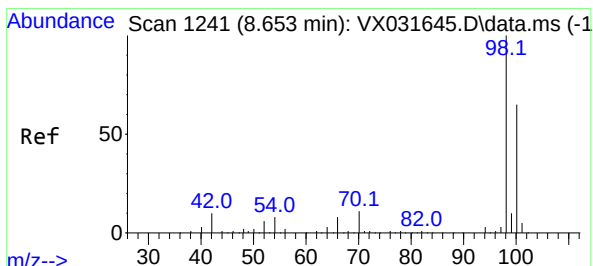
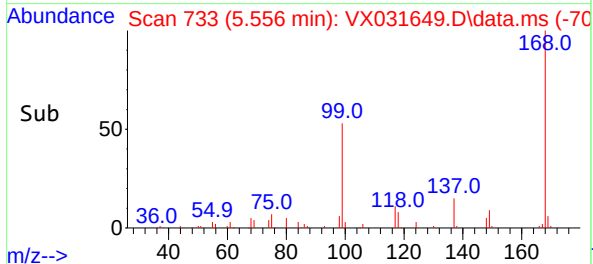
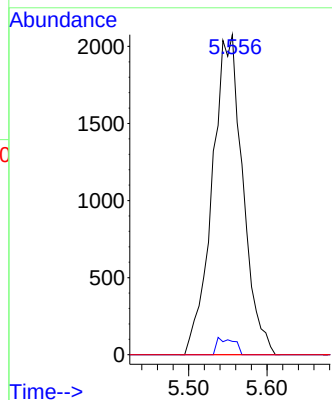


#38
Carbon Tetrachloride
Concen: 4.313 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

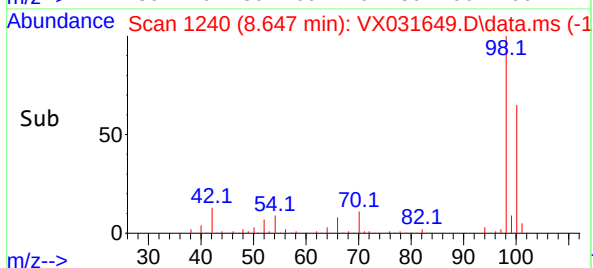
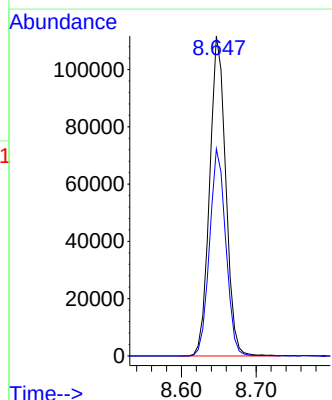
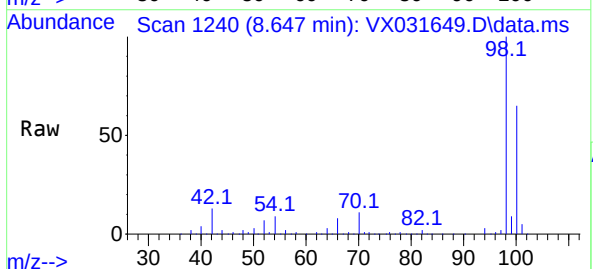


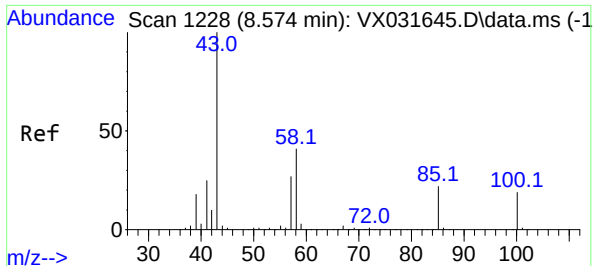
Tgt Ion:117 Resp: 5623
Ion Ratio Lower Upper
117 100
119 4.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 45.804 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Tgt Ion: 98 Resp: 167292
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.645 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031649.D

Acq: 26 Sep 2022 14:03

Instrument :

MSVOA_X

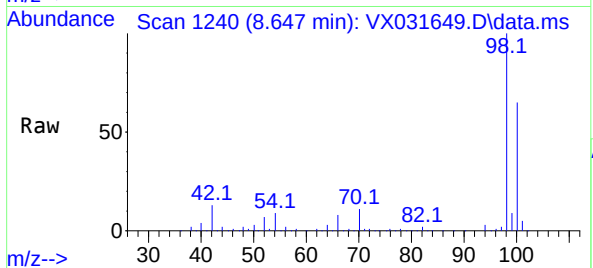
ClientSampleId :

Tgt Ion: 43 Resp: 750

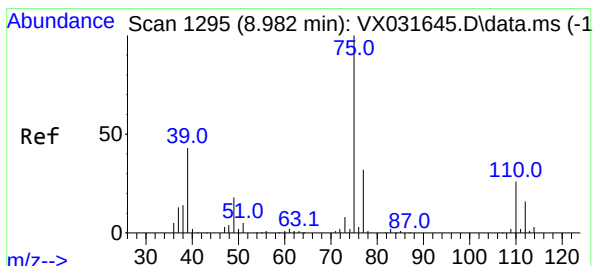
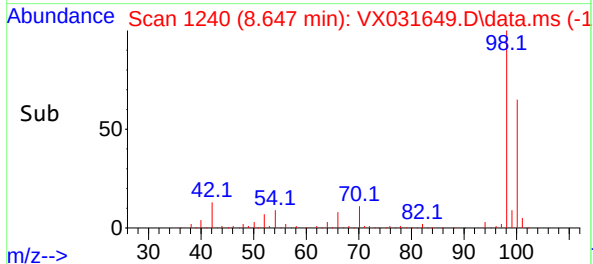
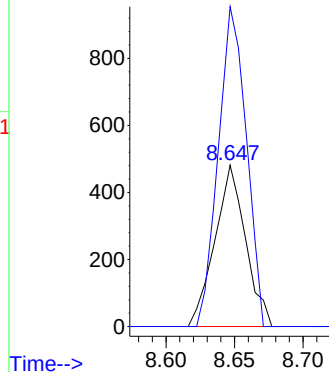
Ion Ratio Lower Upper

43 100

58 180.7 30.6 46.0#



Abundance



#53

t-1,3-Dichloropropene

Concen: 1.917 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031649.D

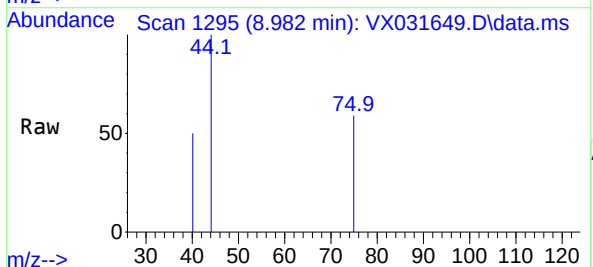
Acq: 26 Sep 2022 14:03

Tgt Ion: 75 Resp: 48

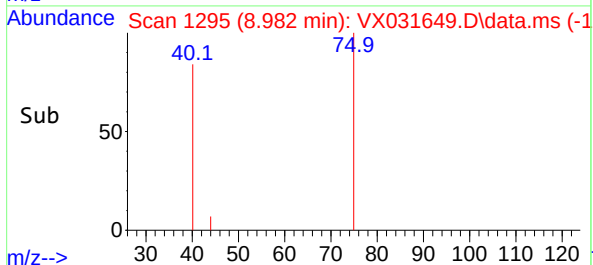
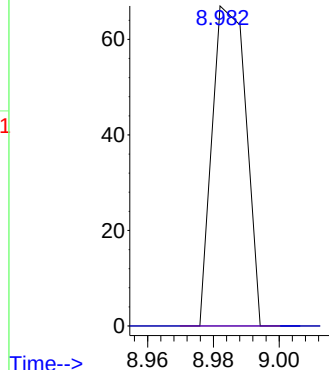
Ion Ratio Lower Upper

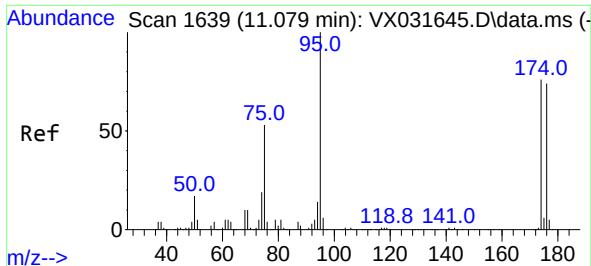
75 100

77 0.0 24.8 37.2#



Abundance

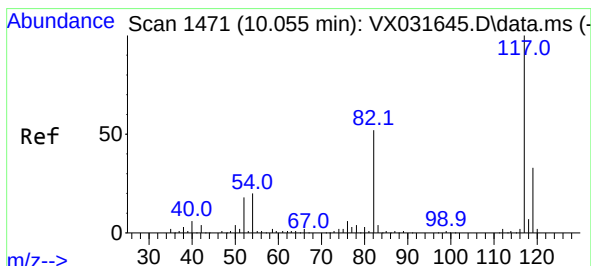
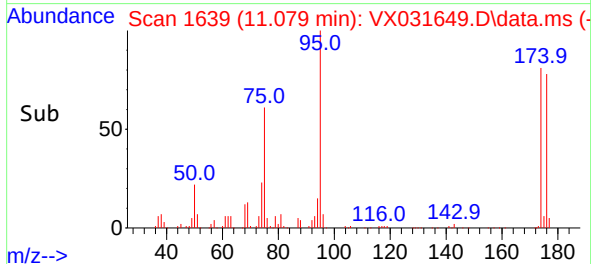
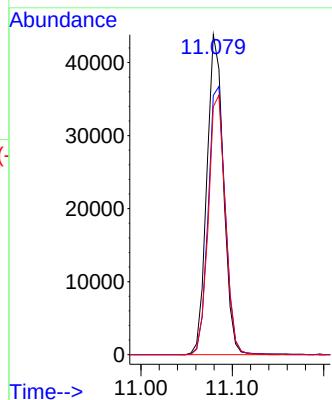
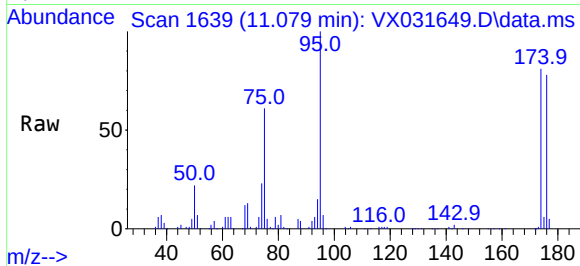




#62
4-Bromofluorobenzene
Concen: 41.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

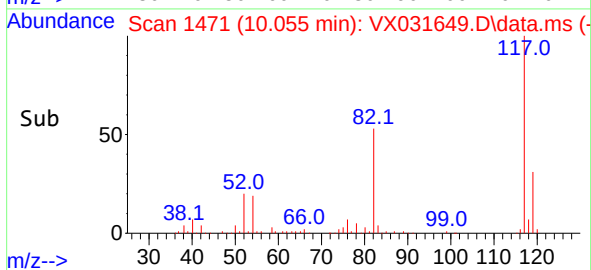
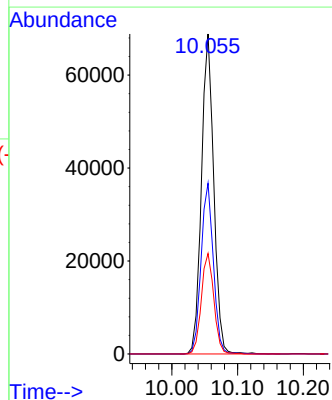
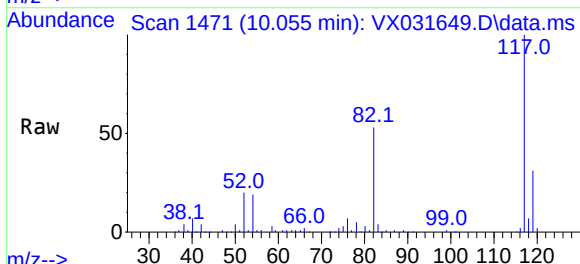
Instrument :
MSVOA_X
ClientSampleId :

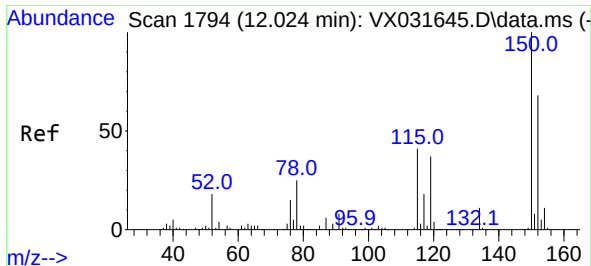
Tgt Ion: 95 Resp: 55143
Ion Ratio Lower Upper
95 100
174 86.3 0.0 153.2
176 83.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

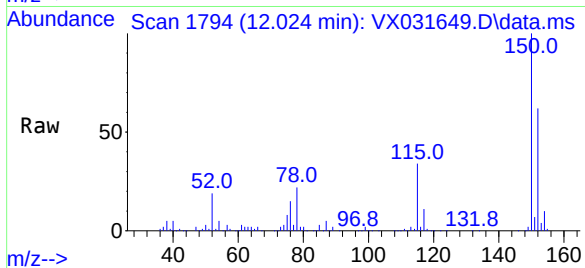
Tgt Ion: 117 Resp: 89448
Ion Ratio Lower Upper
117 100
82 53.3 46.8 70.2
119 31.4 26.4 39.6



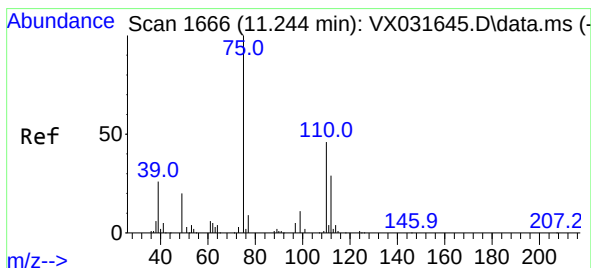
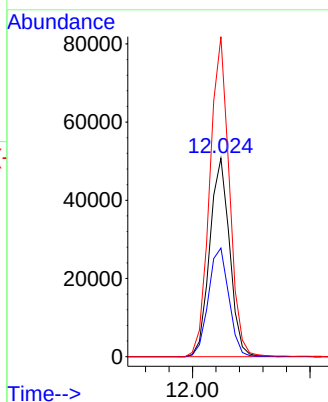
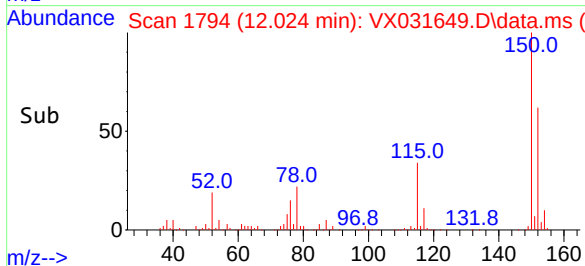


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

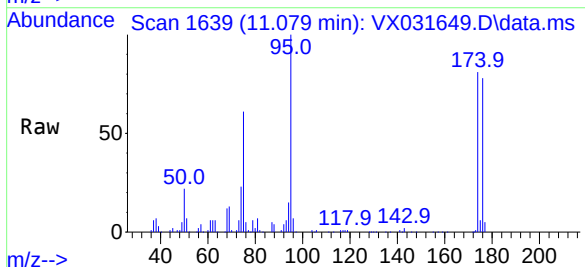
Instrument :
MSVOA_X
ClientSampleId :



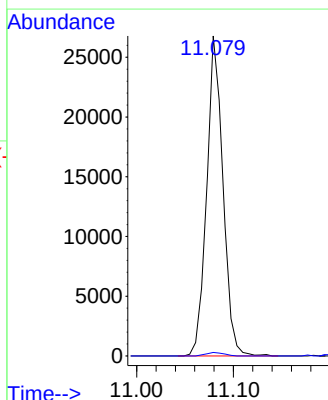
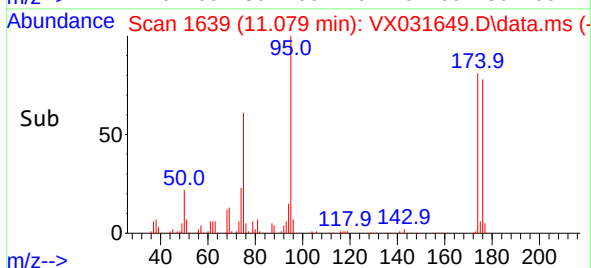
Tgt Ion:152 Resp: 59607
Ion Ratio Lower Upper
152 100
115 56.6 43.4 130.1
150 158.6 0.0 346.8

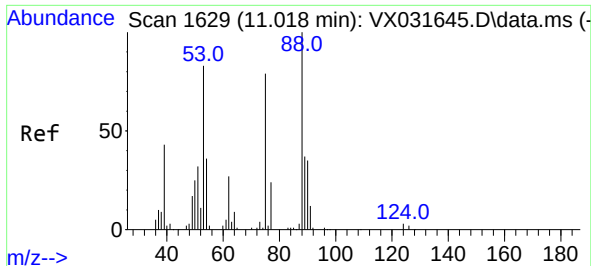


#76
1,2,3-Trichloropropane
Concen: 29.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03



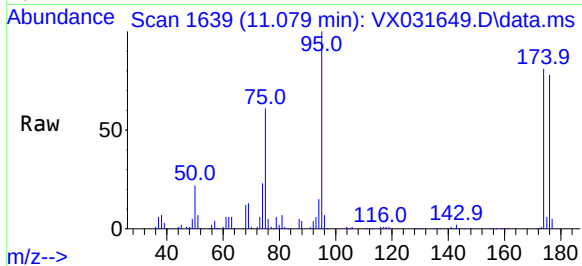
Tgt Ion: 75 Resp: 31368
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



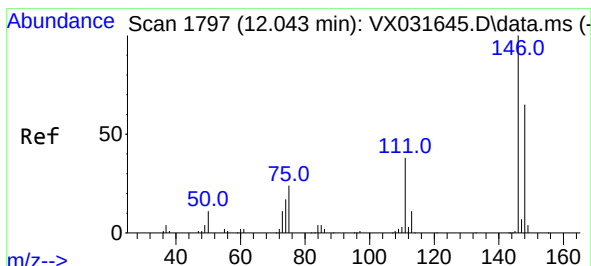
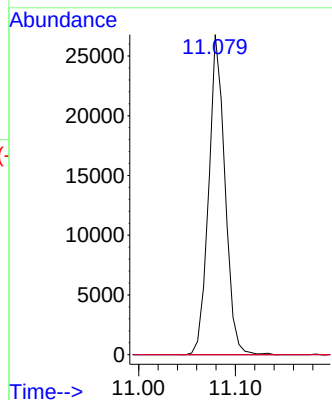
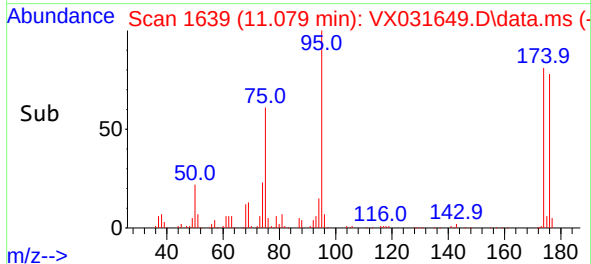


#81
trans-1,4-Dichloro-2-butene
Concen: 95.778 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

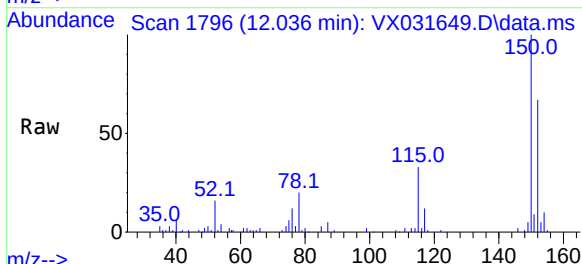
Instrument :
MSVOA_X
ClientSampleId :



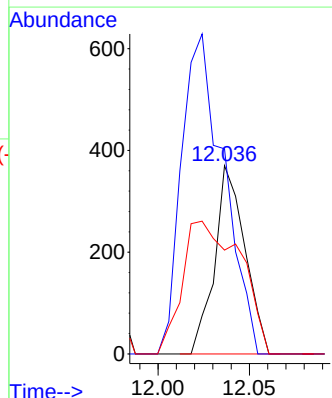
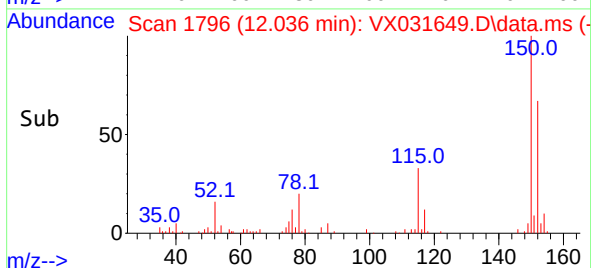
Tgt Ion: 75 Resp: 31368
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

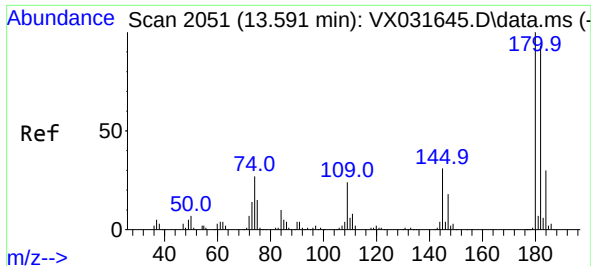


#88
1,4-Dichlorobenzene
Concen: 0.214 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.007 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03



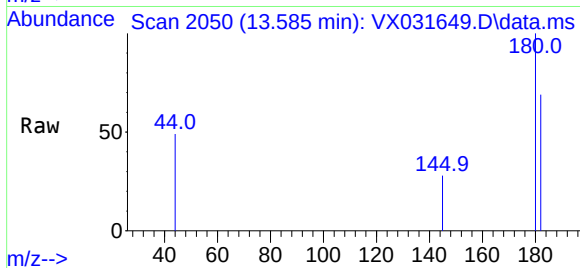
Tgt Ion: 146 Resp: 426
Ion Ratio Lower Upper
146 100
111 236.9 20.5 61.5#
148 135.4 32.0 96.2#



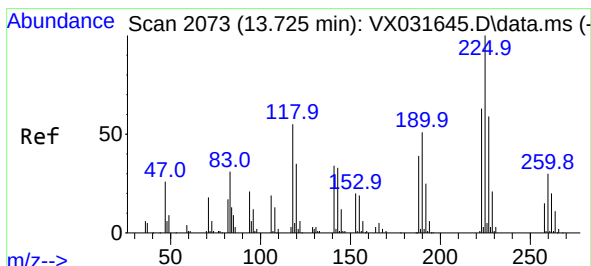
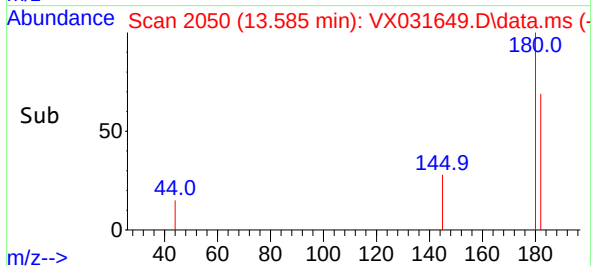
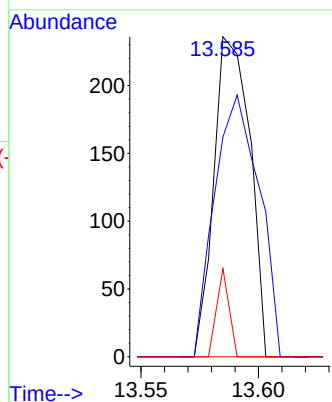


#93
1,2,4-Trichlorobenzene
Concen: 0.227 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

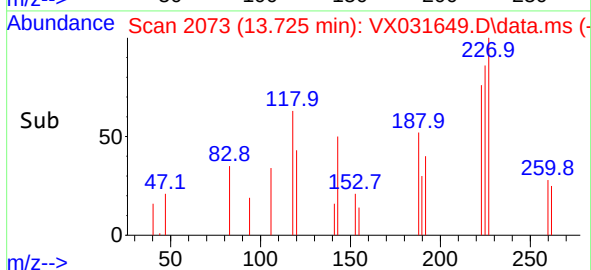
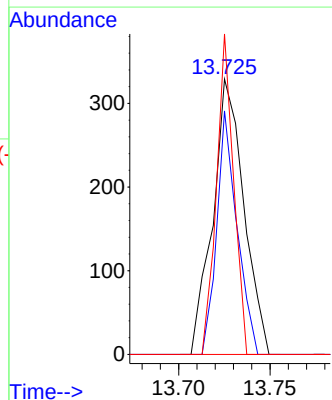
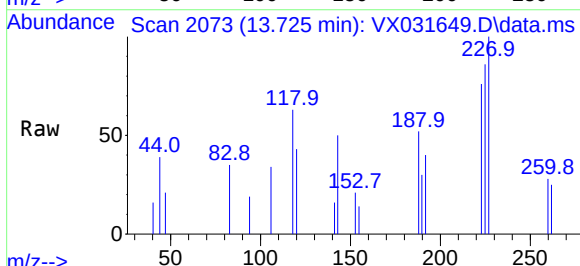


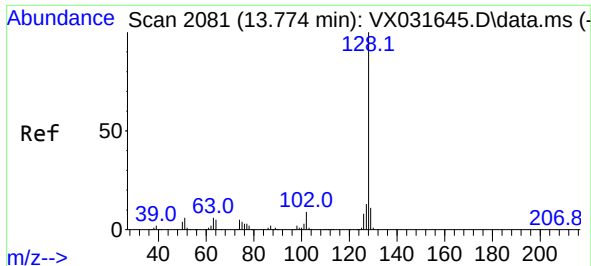
Tgt Ion:180 Resp: 252
Ion Ratio Lower Upper
180 100
182 101.2 46.9 140.6
145 9.5 16.7 50.1#



#94
Hexachlorobutadiene
Concen: 0.897 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031649.D
Acq: 26 Sep 2022 14:03

Tgt Ion:225 Resp: 389
Ion Ratio Lower Upper
225 100
223 57.6 30.8 92.4
227 64.3 32.3 96.9





#95

Naphthalene

Concen: 0.269 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

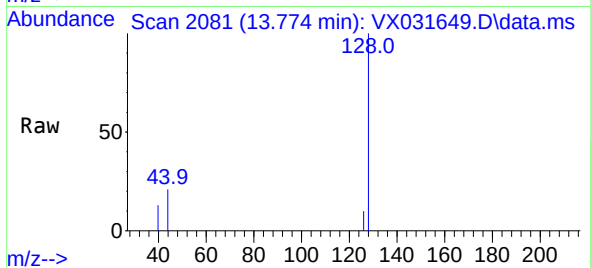
Lab File: VX031649.D

Acq: 26 Sep 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1001

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 2.2 8.8 13.2#

