

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031647.D
 Acq On : 26 Sep 2022 13:09
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:52:43 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)

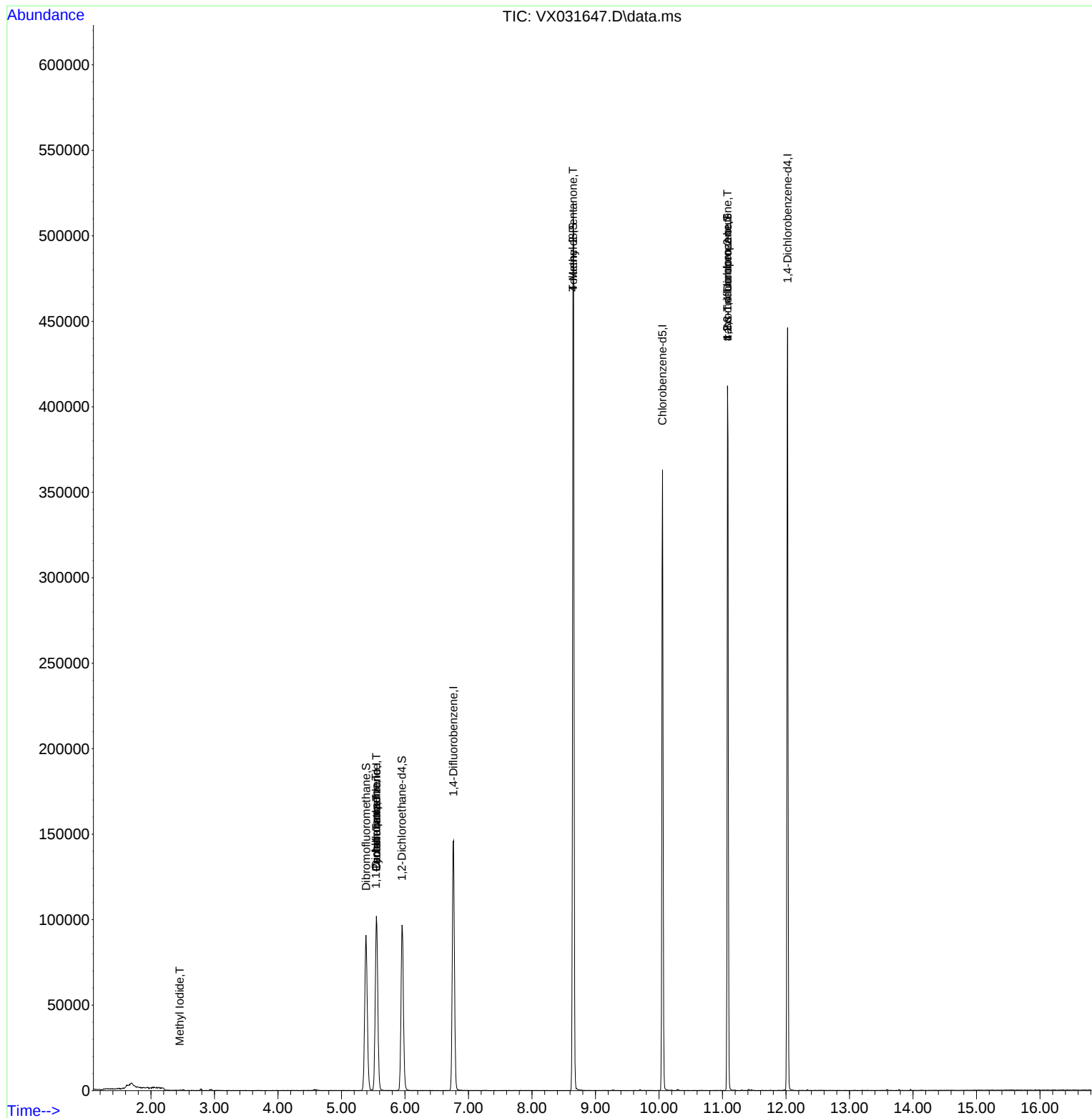
Internal Standards						
1) Pentafluorobenzene	5.550	168	96850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151825	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89173	43.382	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.760%
35) Dibromofluoromethane	5.385	113	72395	40.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.040%
50) Toluene-d8	8.647	98	298809	45.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.120%
62) 4-Bromofluorobenzene	11.079	95	94005	39.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.220%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	148	Below Cal	#	41
5) Bromomethane	1.618	94	673	Below Cal		91
6) Chloroethane	1.685	64	45	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	62	Below Cal		86
10) Methyl Iodide	2.453	142	310	0.246 ug/l	#	90
11) Tert butyl alcohol	2.953	59	264	Below Cal	#	73
16) Acetone	2.386	43	120	Below Cal	#	45
17) Carbon Disulfide	2.520	76	476	Below Cal	#	75
20) Methylene Chloride	2.788	84	379	Below Cal	#	68
31) Cyclohexane	5.550	56	2355	1.205 ug/l	#	26
36) 1,1-Dichloropropene	5.544	75	7462	3.592 ug/l	#	47
38) Carbon Tetrachloride	5.550	117	9903	4.230 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.647	43	1368	0.655 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	53121	34.057 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	53121	111.842 ug/l	#	11

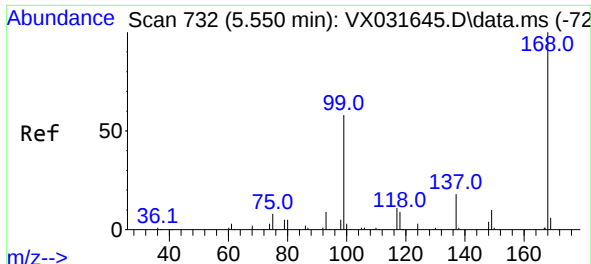
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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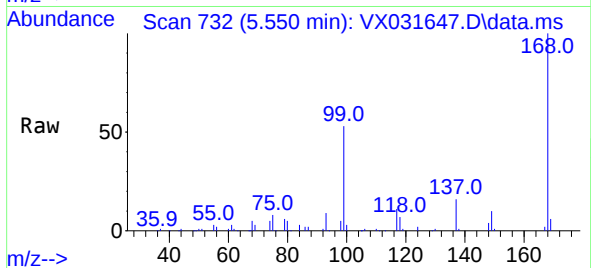
Quant Time: Sep 27 01:52:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



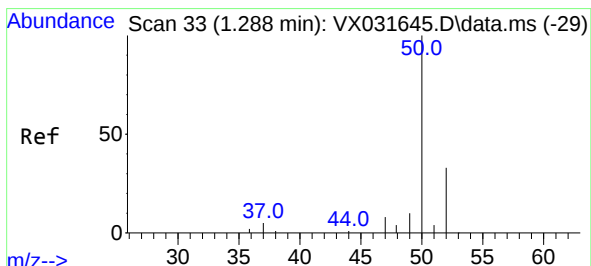
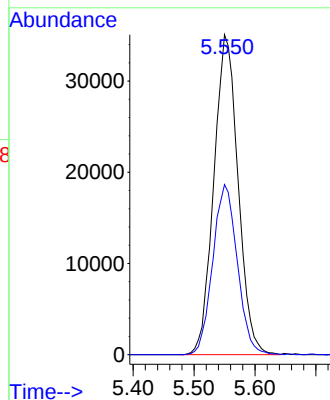


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

Instrument :
MSVOA_X
ClientSampleId :

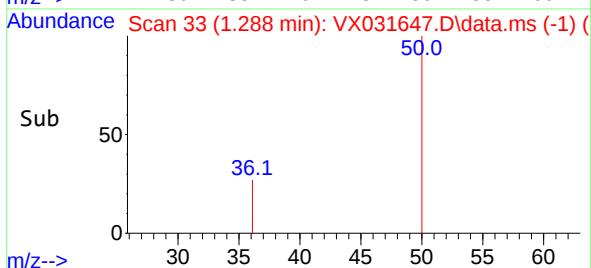
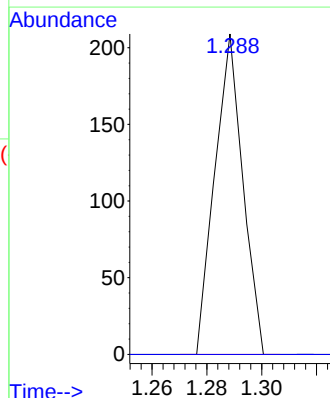
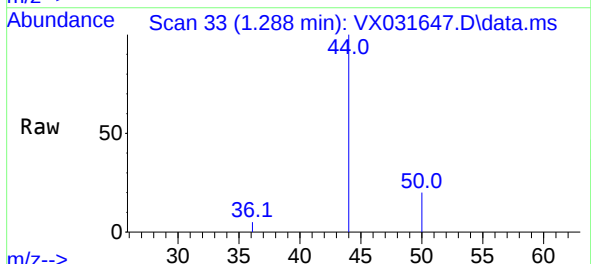


Tgt Ion:168 Resp: 96850
Ion Ratio Lower Upper
168 100
99 53.1 48.8 73.2

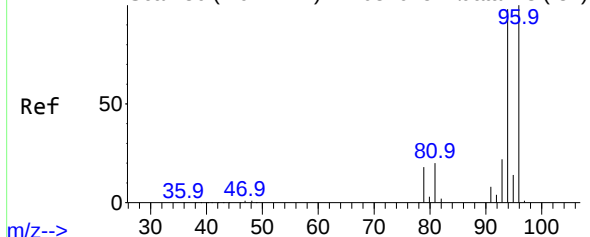


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

Tgt Ion: 50 Resp: 148
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)

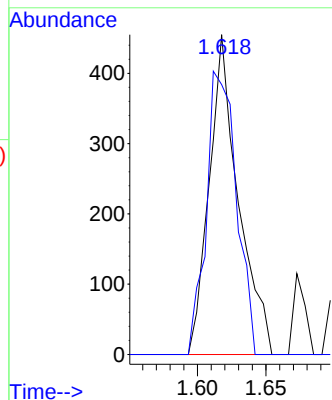
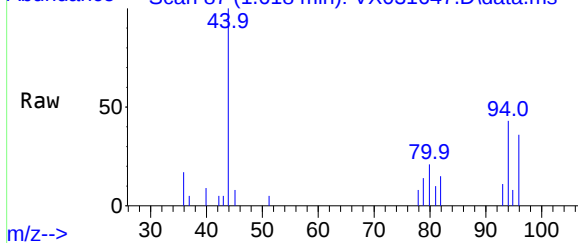


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

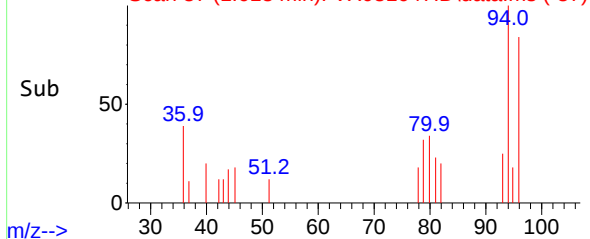
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 673
Ion Ratio Lower Upper
94 100
96 84.4 74.4 111.6

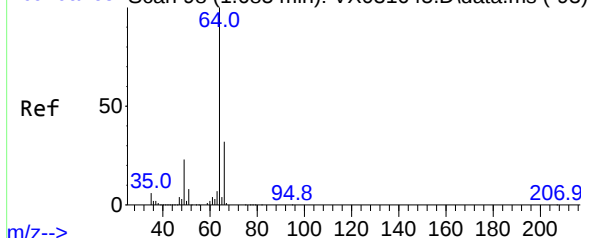
Abundance Scan 87 (1.618 min): VX031647.D\data.ms



Abundance Scan 87 (1.618 min): VX031647.D\data.ms (-37)



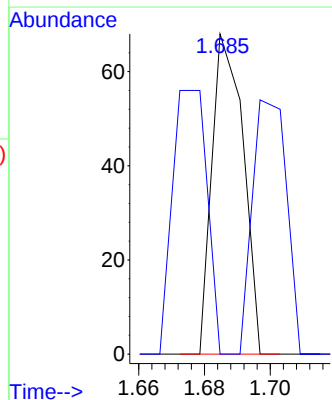
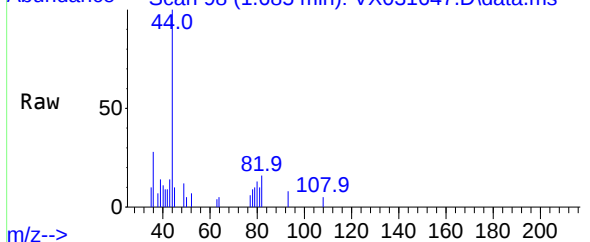
Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



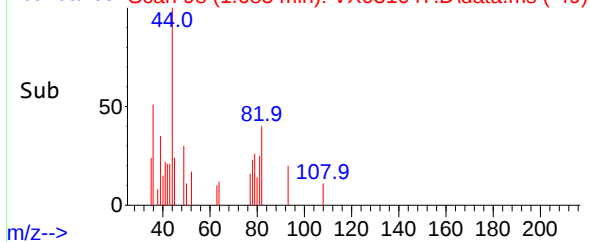
#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

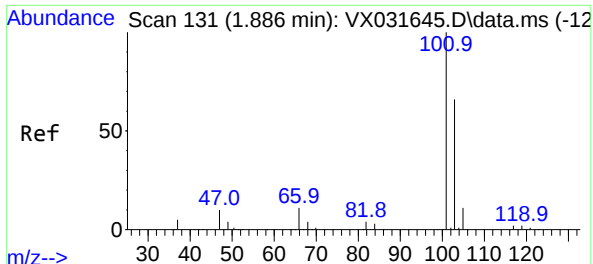
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

Abundance Scan 98 (1.685 min): VX031647.D\data.ms



Abundance Scan 98 (1.685 min): VX031647.D\data.ms (-49)

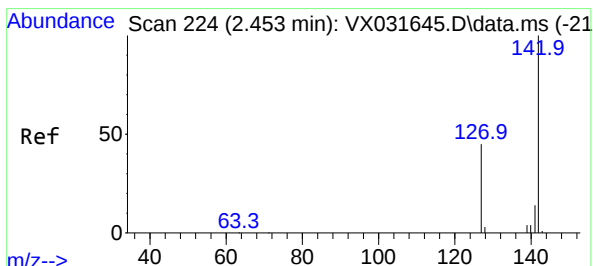
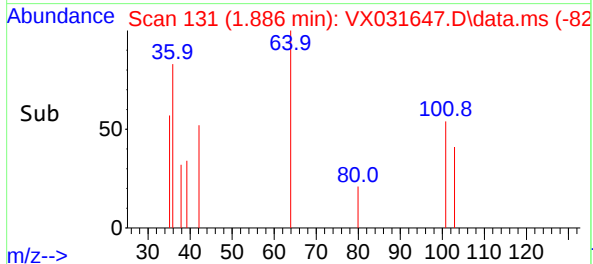
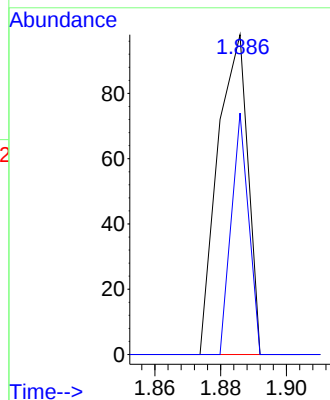
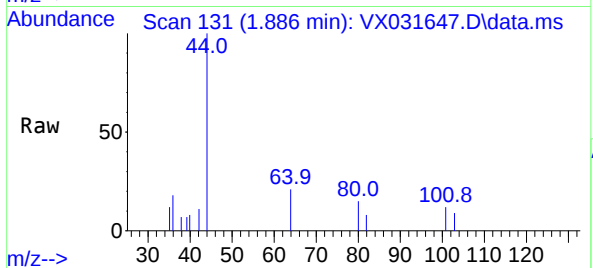




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

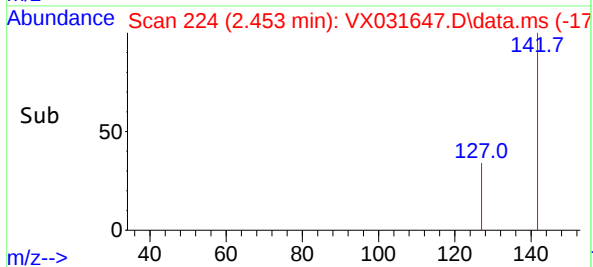
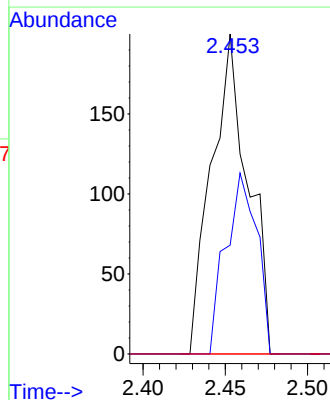
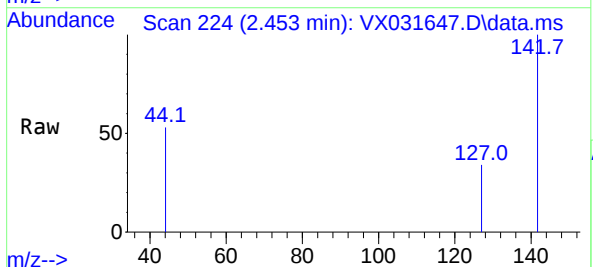
Instrument :
MSVOA_X
ClientSampleId :

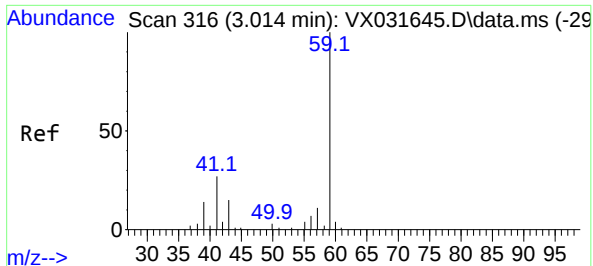
Tgt Ion:101 Resp: 62
Ion Ratio Lower Upper
101 100
103 75.5 51.8 77.6



#10
Methyl Iodide
Concen: 0.246 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

Tgt Ion:142 Resp: 310
Ion Ratio Lower Upper
142 100
127 48.1 37.4 56.0
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

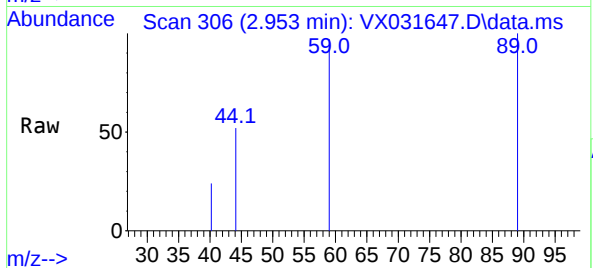
Lab File: VX031647.D

Acq: 26 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

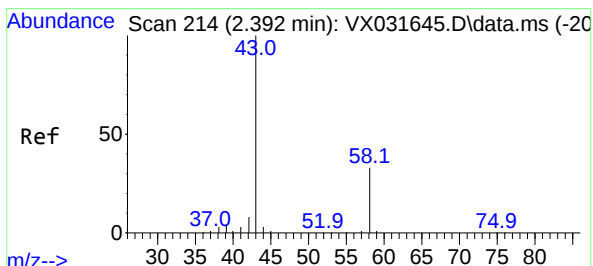
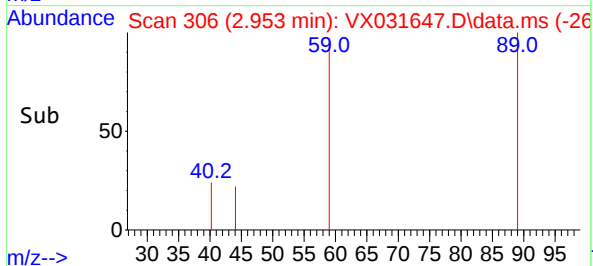
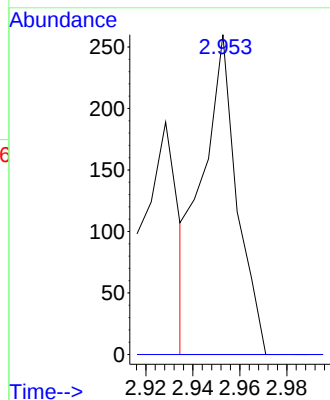


Tgt Ion: 59 Resp: 264

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX031647.D

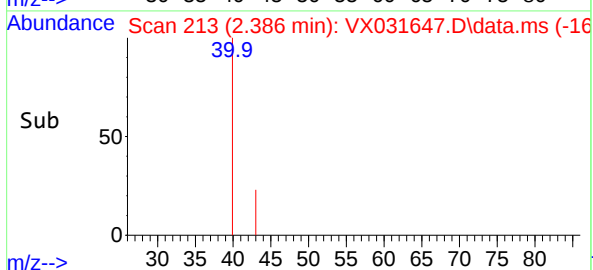
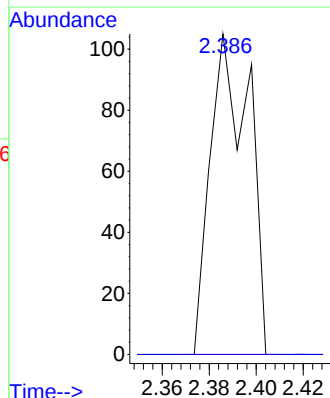
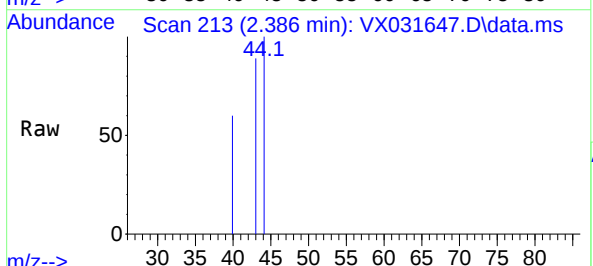
Acq: 26 Sep 2022 13:09

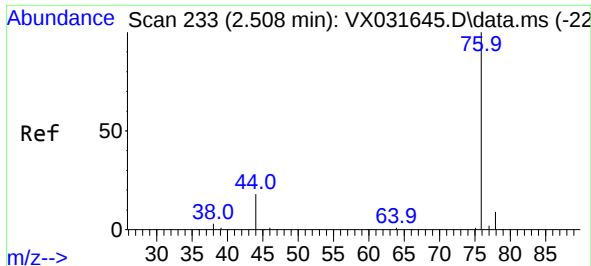
Tgt Ion: 43 Resp: 120

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

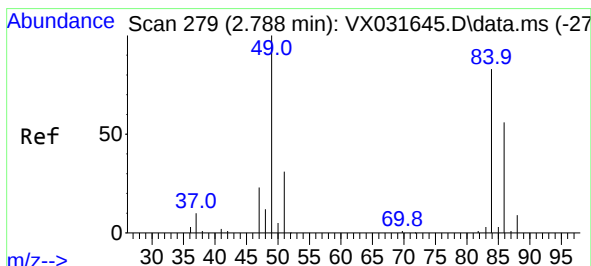
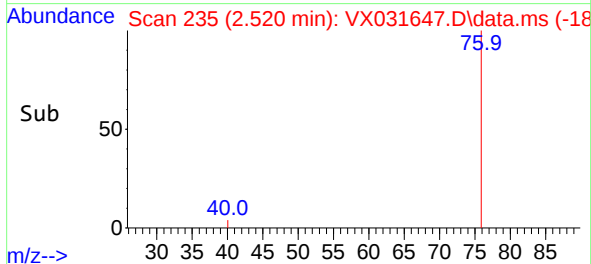
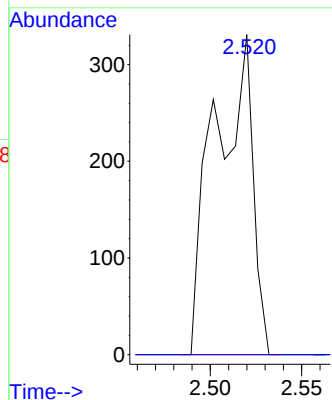
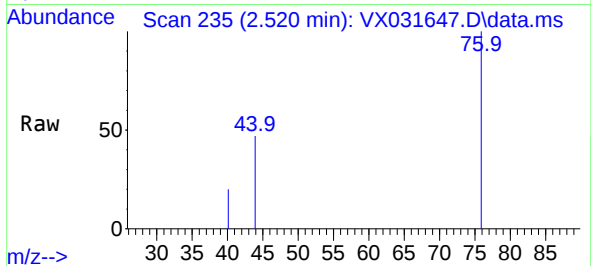




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

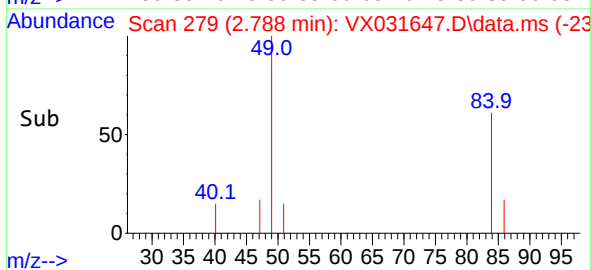
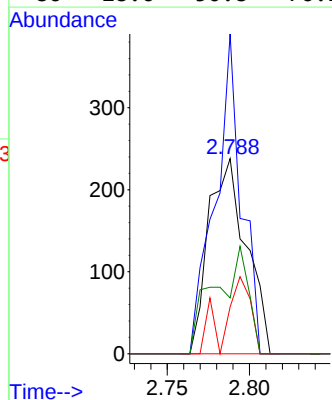
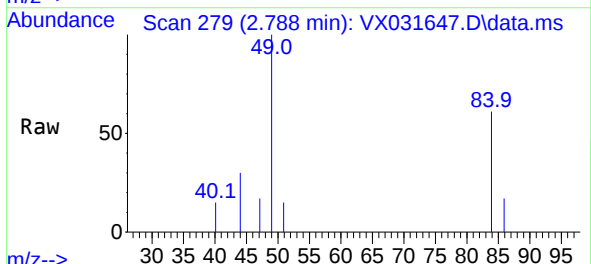
Instrument :
MSVOA_X
ClientSampleId :

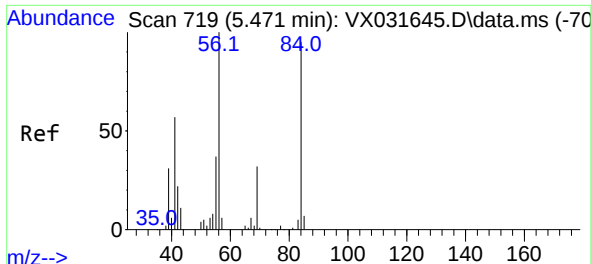
Tgt Ion: 76 Resp: 476
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

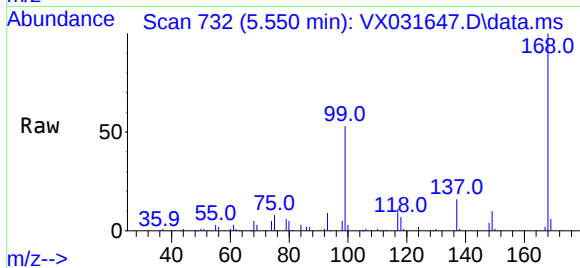
Tgt Ion: 84 Resp: 379
Ion Ratio Lower Upper
84 100
49 163.9 105.9 158.9#
51 23.9 32.2 48.2#
86 28.6 50.8 76.2#



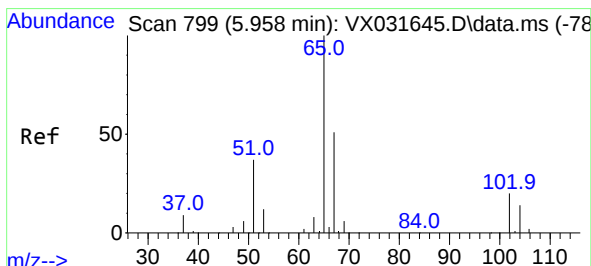
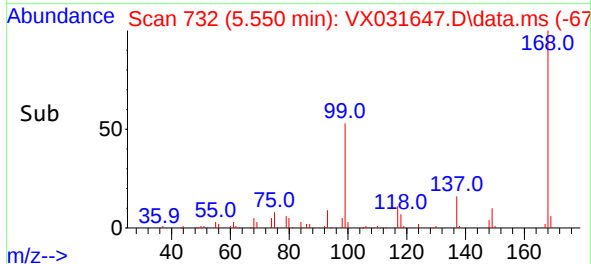
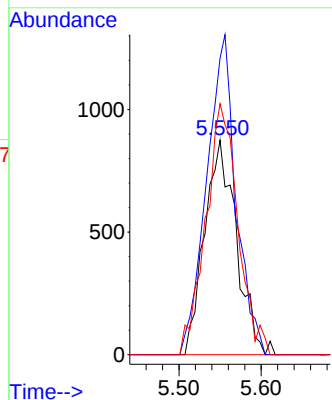


#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

Instrument :
MSVOA_X
ClientSampleId :

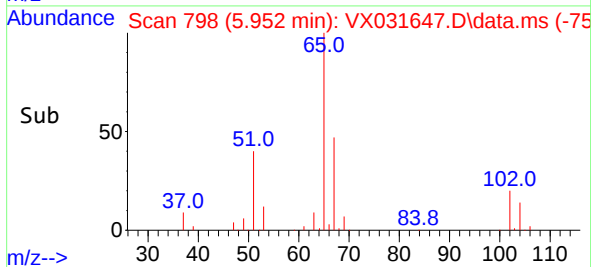
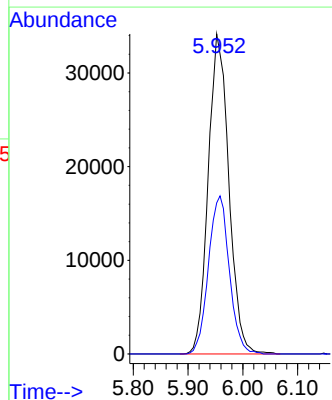
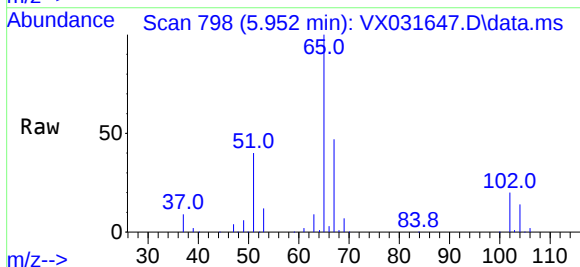


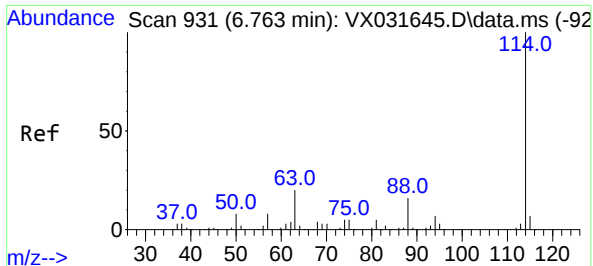
Tgt Ion: 56 Resp: 2355
Ion Ratio Lower Upper
56 100
69 138.2 25.1 37.7#
84 117.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 43.382 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

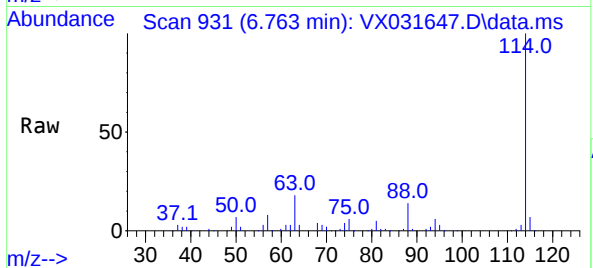
Tgt Ion: 65 Resp: 89173
Ion Ratio Lower Upper
65 100
67 50.0 0.0 102.4



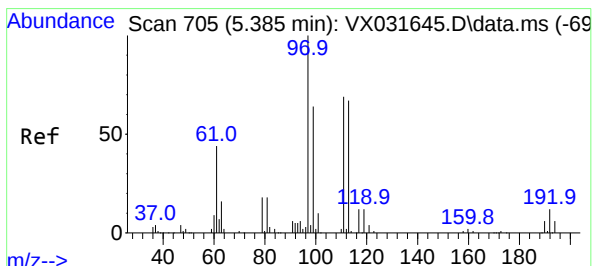
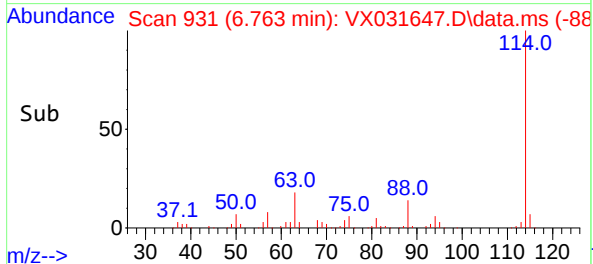
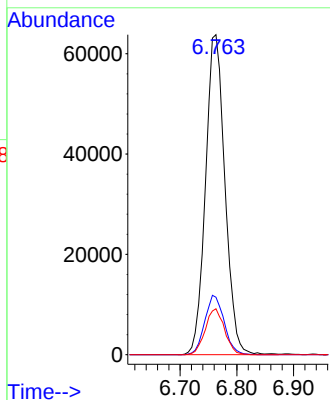


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

Instrument :
MSVOA_X
ClientSampleId :

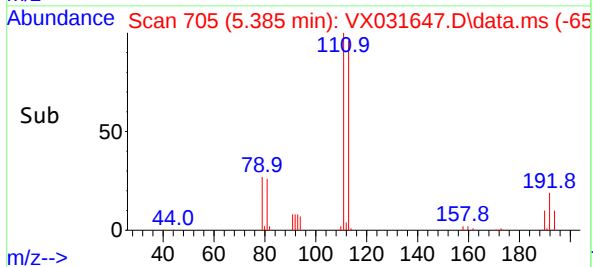
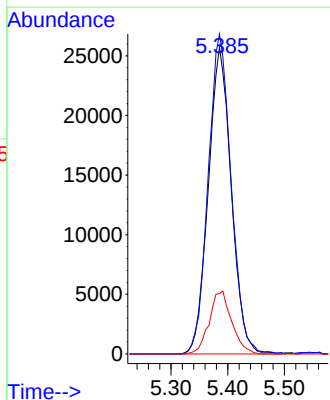
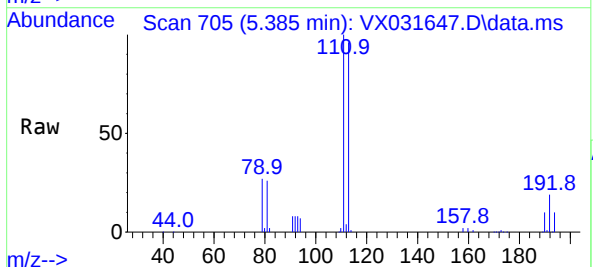


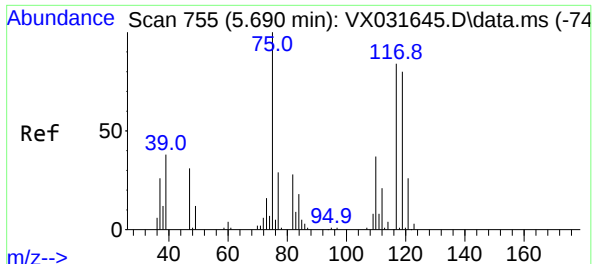
Tgt Ion:114 Resp: 151825
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 40.019 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

Tgt Ion:113 Resp: 72395
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 20.0 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.592 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

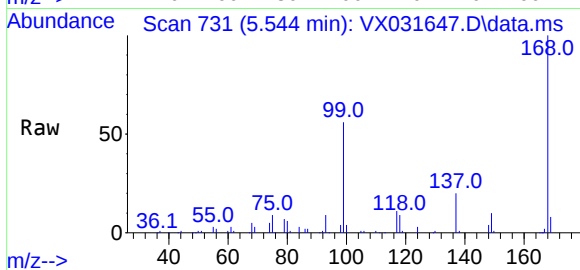
Lab File: VX031647.D

Acq: 26 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :



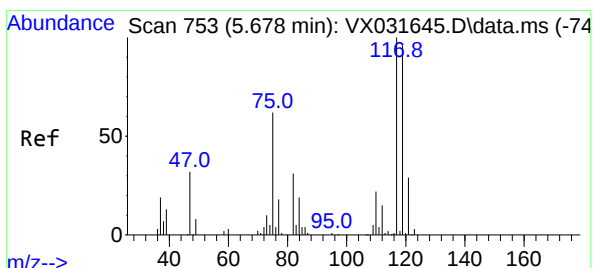
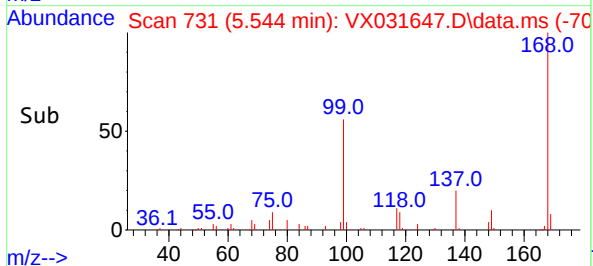
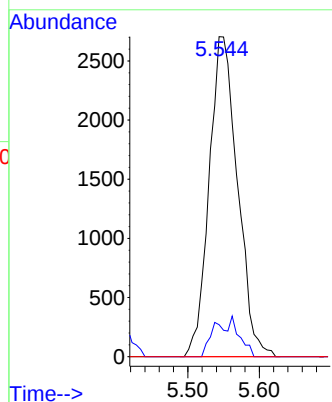
Tgt Ion: 75 Resp: 7462

Ion Ratio Lower Upper

75 100

110 6.3 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.230 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031647.D

Acq: 26 Sep 2022 13:09

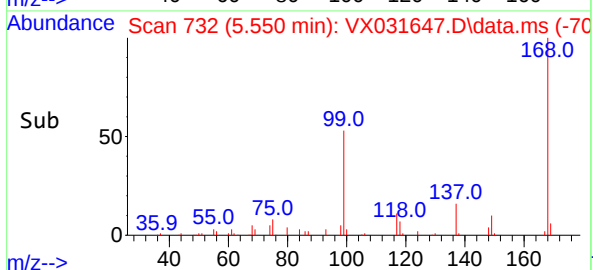
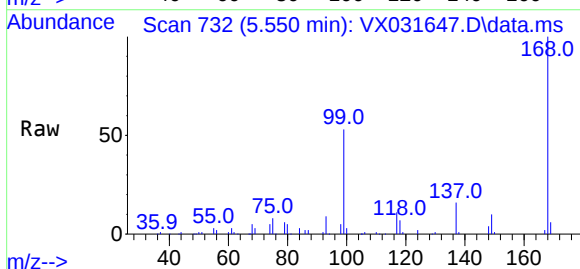
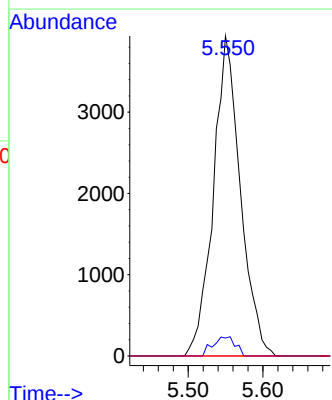
Tgt Ion: 117 Resp: 9903

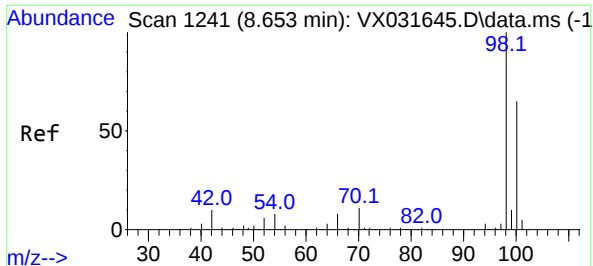
Ion Ratio Lower Upper

117 100

119 5.6 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 45.561 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031647.D

Acq: 26 Sep 2022 13:09

Instrument :

MSVOA_X

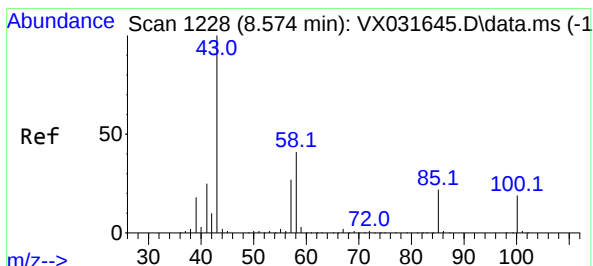
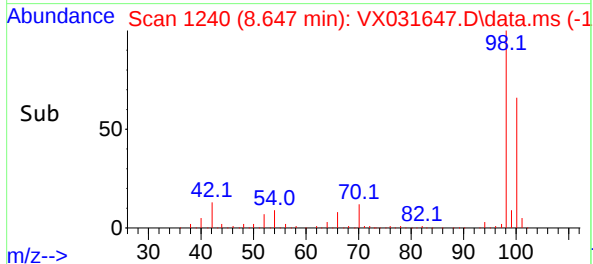
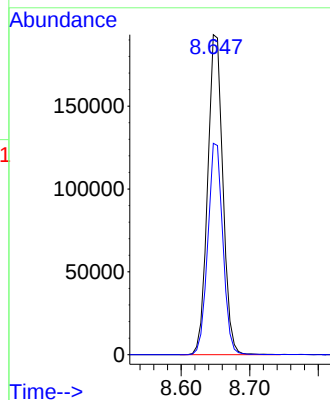
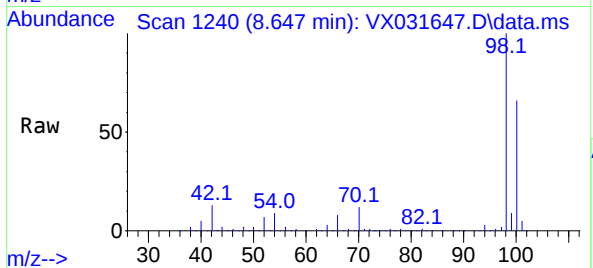
ClientSampleId :

Tgt Ion: 98 Resp: 298809

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.655 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031647.D

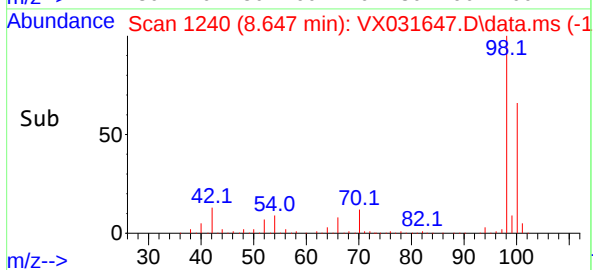
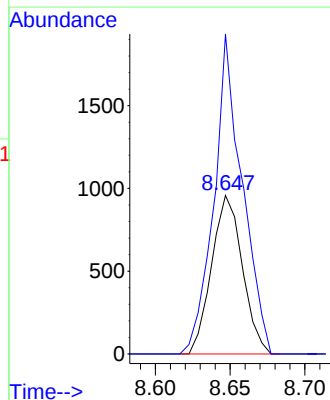
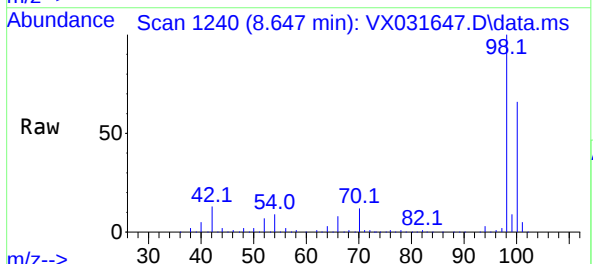
Acq: 26 Sep 2022 13:09

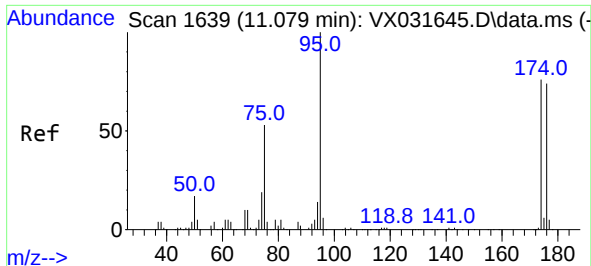
Tgt Ion: 43 Resp: 1368

Ion Ratio Lower Upper

43 100

58 185.9 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 39.107 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031647.D

Acq: 26 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

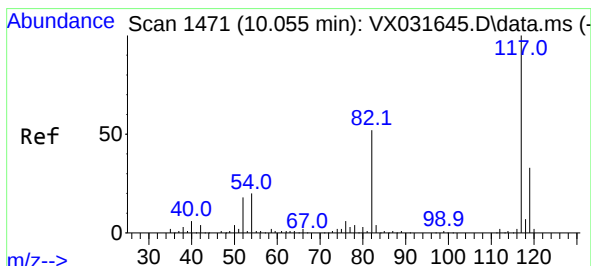
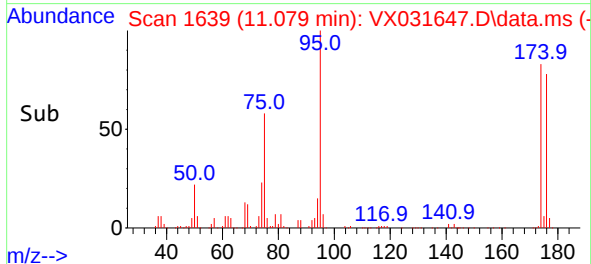
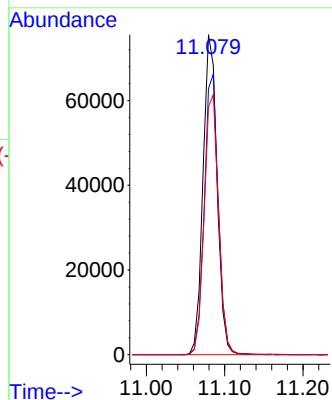
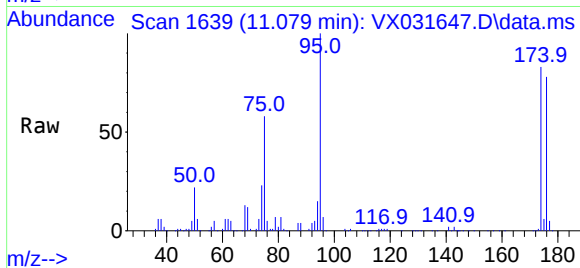
Tgt Ion: 95 Resp: 94005

Ion Ratio Lower Upper

95 100

174 87.7 0.0 153.2

176 83.2 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: VX031647.D

Acq: 26 Sep 2022 13:09

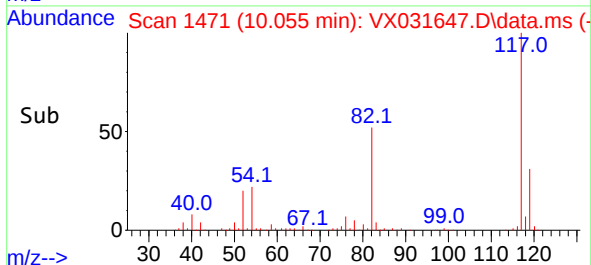
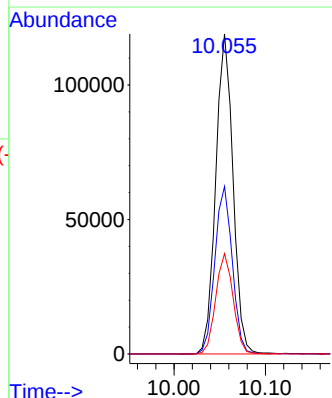
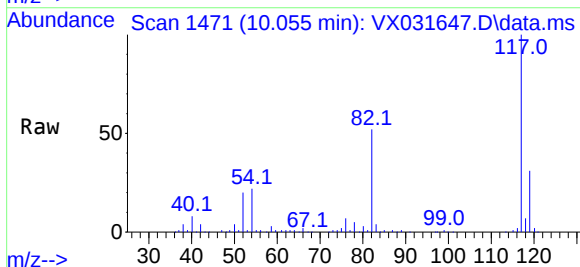
Tgt Ion: 117 Resp: 156249

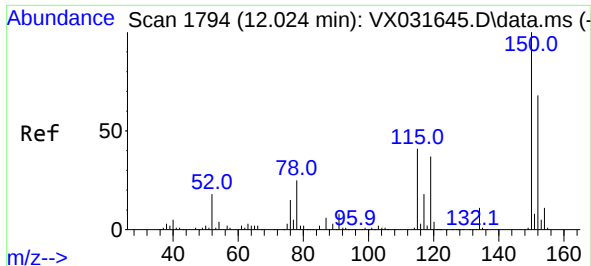
Ion Ratio Lower Upper

117 100

82 52.3 46.8 70.2

119 31.3 26.4 39.6

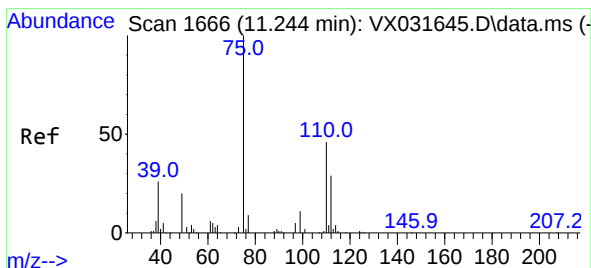
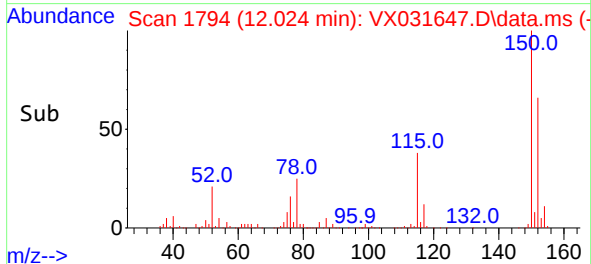
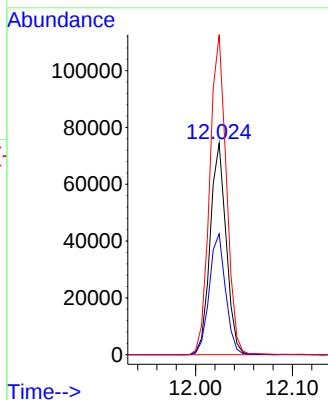
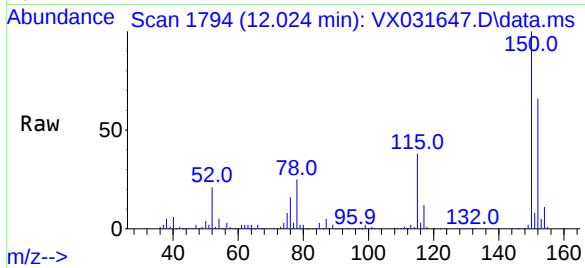




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

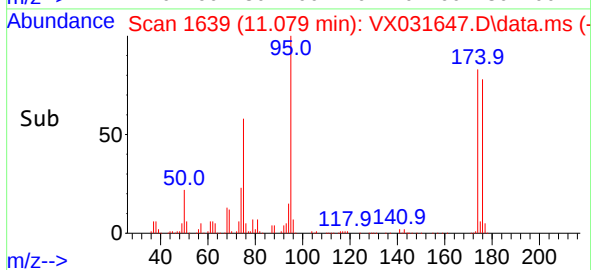
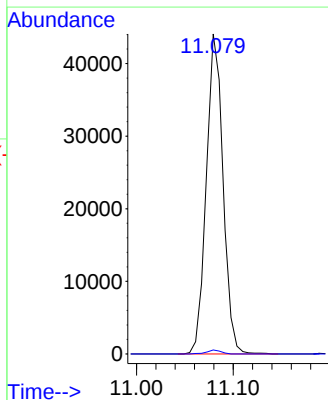
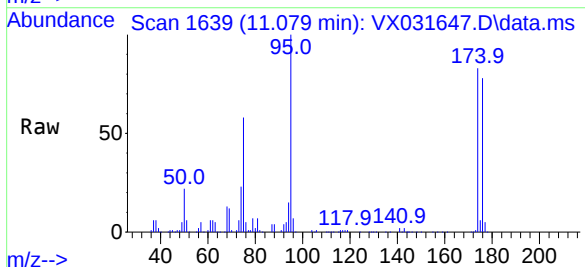
Instrument :
MSVOA_X
ClientSampleId :

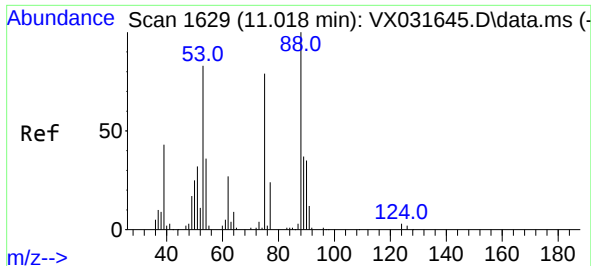
Tgt Ion:152 Resp: 86038
Ion Ratio Lower Upper
152 100
115 58.2 43.4 130.1
150 157.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 34.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031647.D
Acq: 26 Sep 2022 13:09

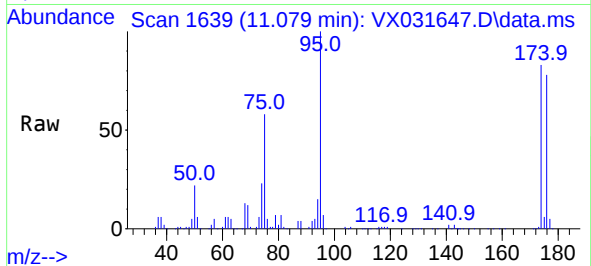
Tgt Ion: 75 Resp: 53121
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.842 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031647.D
 Acq: 26 Sep 2022 13:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53121
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

