

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035445.D
 Acq On : 01 May 2023 17:04
 Operator : JC/MD
 Sample : 02515-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 00:02:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

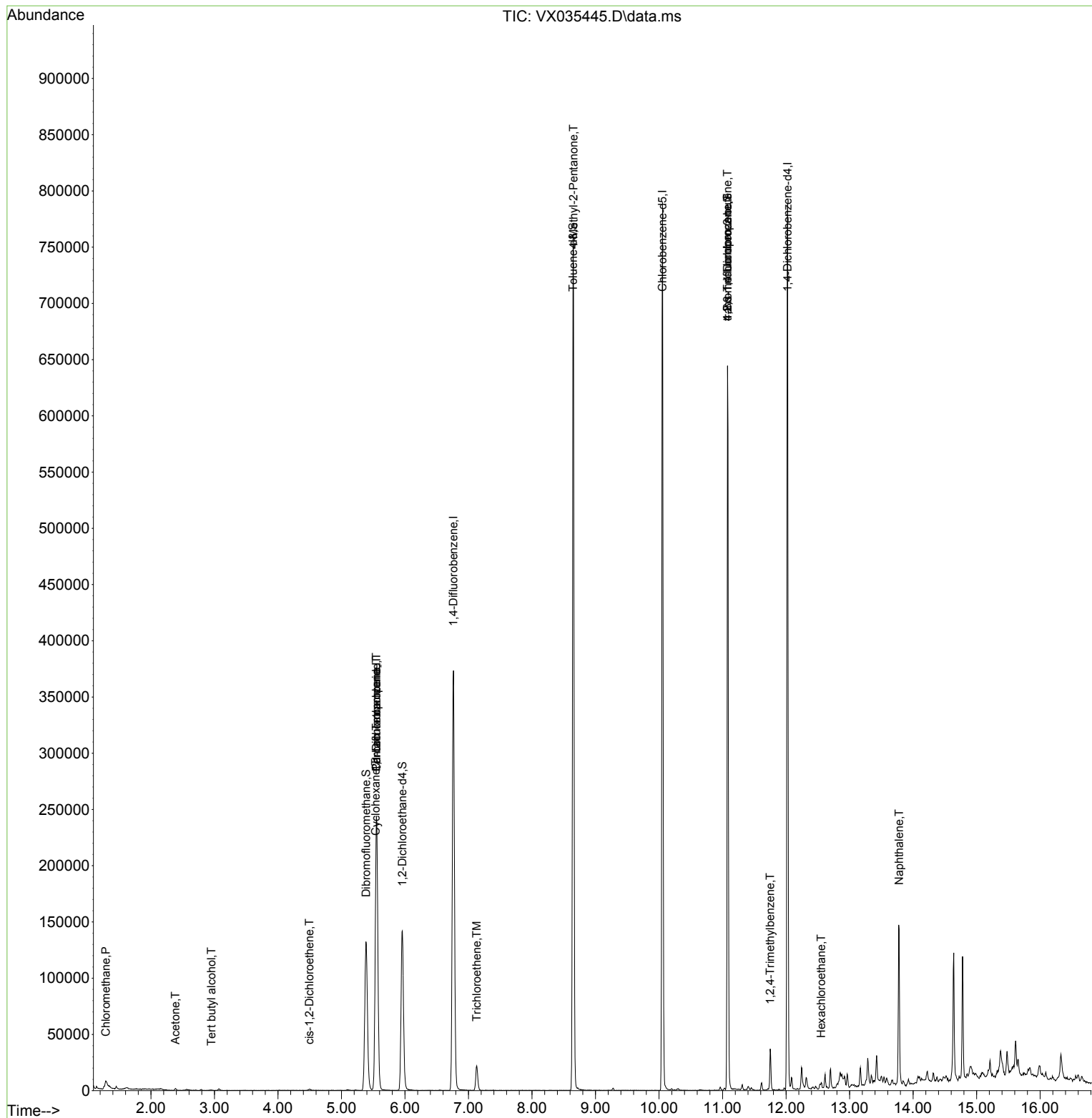
Internal Standards						
1) Pentafluorobenzene	5.549	168	243206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139270	47.465	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.940%
35) Dibromofluoromethane	5.385	113	118416	49.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
50) Toluene-d8	8.646	98	461797	50.684	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.360%
62) 4-Bromofluorobenzene	11.079	95	177611	51.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	560	0.239	ug/l #	42
11) Tert butyl alcohol	2.952	59	416	0.779	ug/l #	73
16) Acetone	2.385	43	1764	1.384	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	819	0.272	ug/l	67
31) Cyclohexane	5.537	56	4439	1.067	ug/l #	8
36) 1,1-Dichloropropene	5.549	75	17381	4.609	ug/l #	51
38) Carbon Tetrachloride	5.549	117	23109	6.455	ug/l #	15
44) Trichloroethene	7.128	130	9320	3.127	ug/l	98
51) 4-Methyl-2-Pentanone	8.652	43	1873	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	87948	25.215	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87948	81.666	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.749	105	16465	1.520	ug/l	99
90) Hexachloroethane	12.554	117	707	0.409	ug/l #	15
95) Naphthalene	13.780	128	97894	8.377	ug/l	99

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

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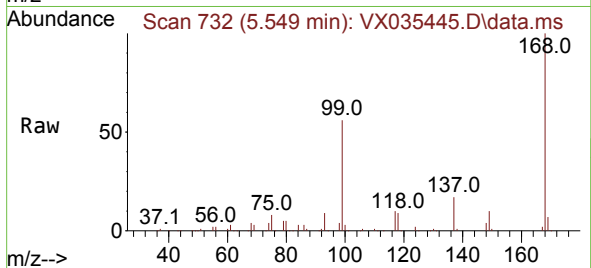
Quant Time: May 02 00:02:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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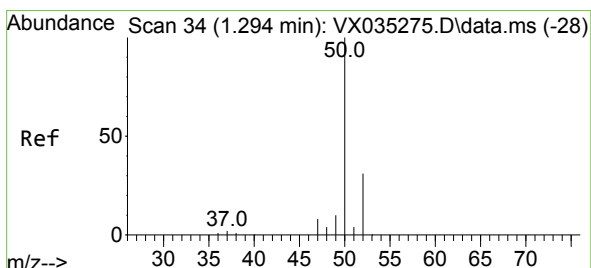
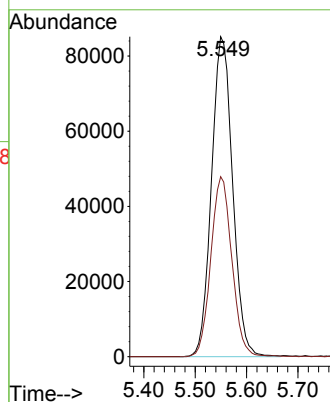
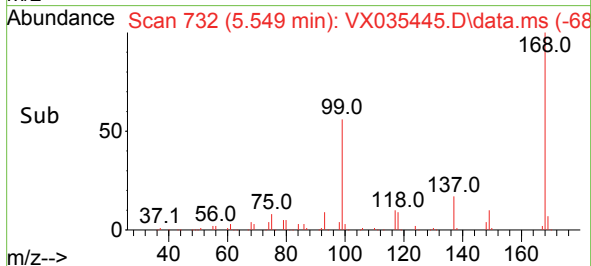


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :

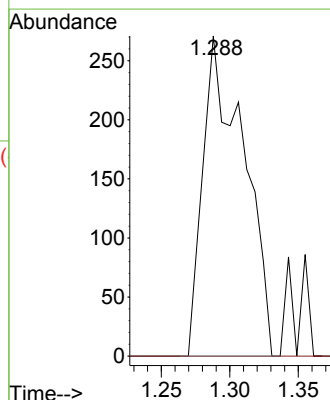
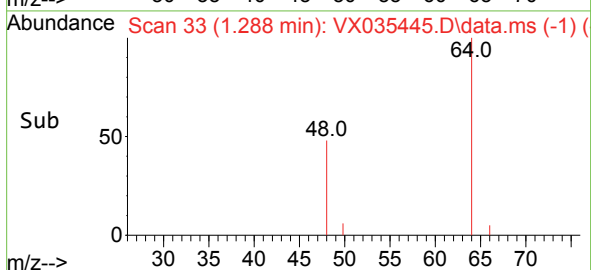
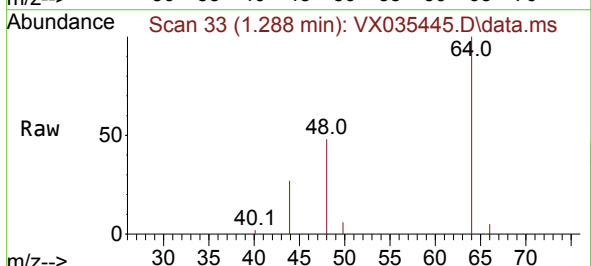


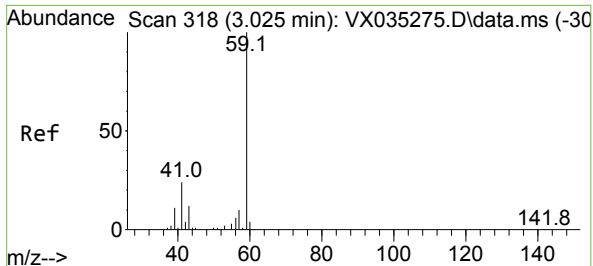
Tgt Ion:168 Resp: 243206
Ion Ratio Lower Upper
168 100
99 56.3 45.7 68.5



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

Tgt Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.779 ug/l

RT: 2.952 min Scan# 306

Delta R.T. -0.073 min

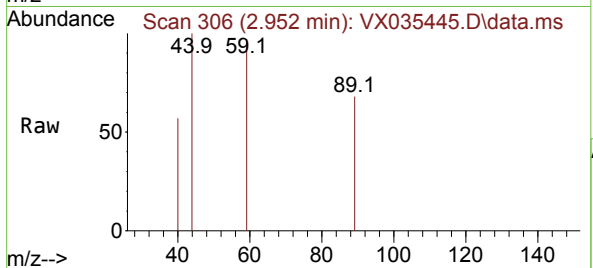
Lab File: VX035445.D

Acq: 01 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

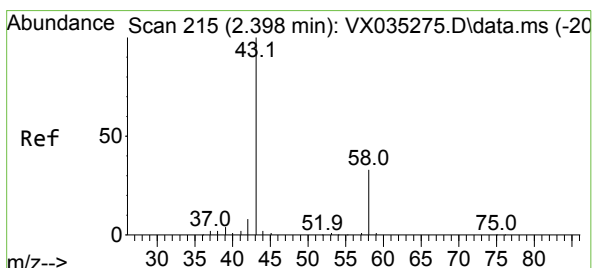
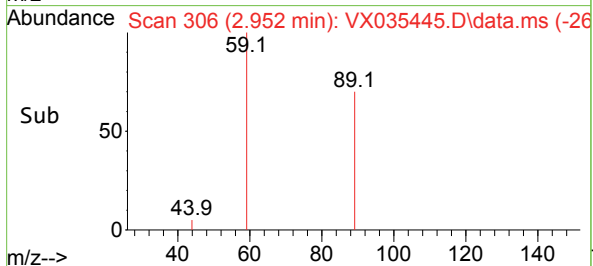
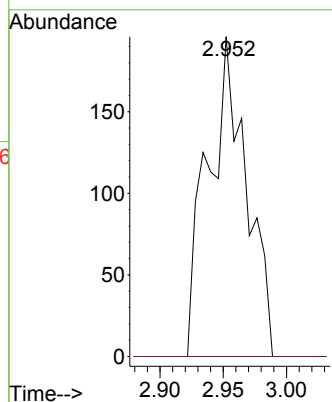


Tgt Ion: 59 Resp: 416

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.384 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.013 min

Lab File: VX035445.D

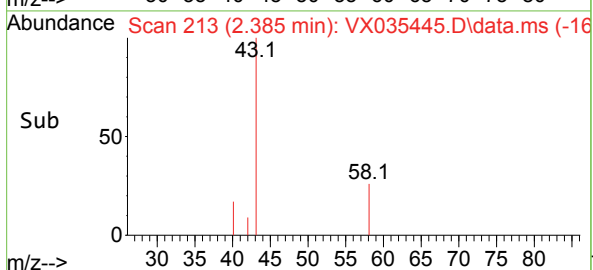
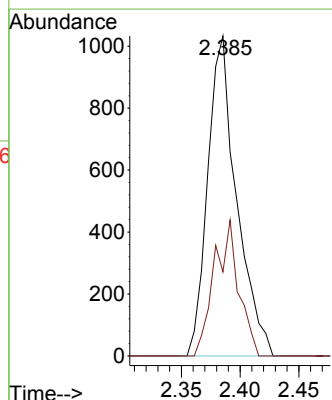
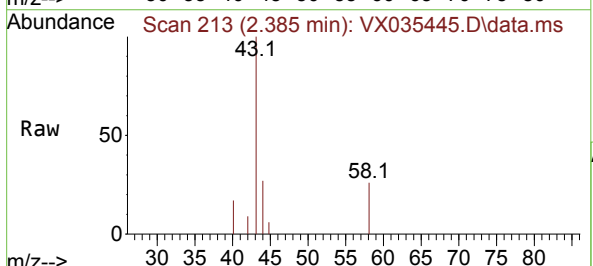
Acq: 01 May 2023 17:04

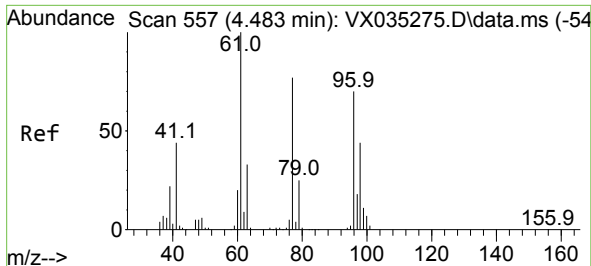
Tgt Ion: 43 Resp: 1764

Ion Ratio Lower Upper

43 100

58 26.2 24.7 37.1





#27

cis-1,2-Dichloroethene

Concen: 0.272 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

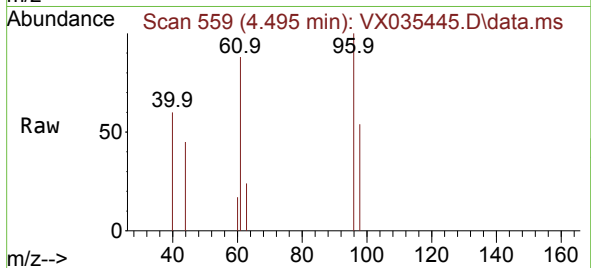
Lab File: VX035445.D

Acq: 01 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :



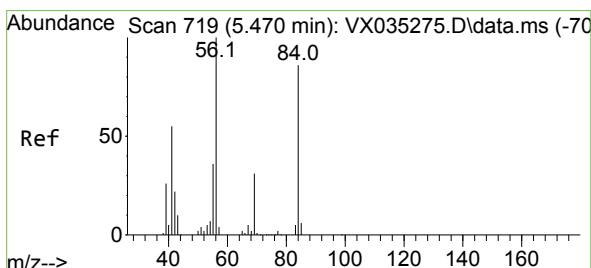
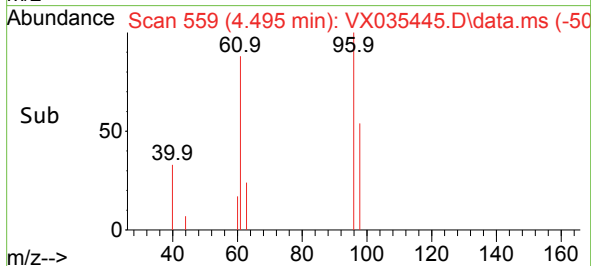
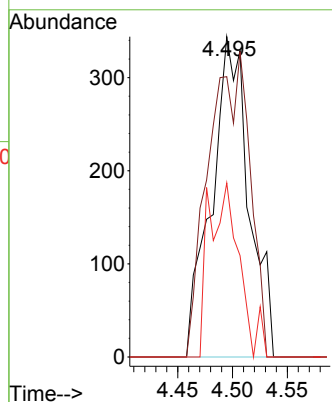
Tgt Ion: 96 Resp: 819

Ion Ratio Lower Upper

96 100

61 105.0 0.0 300.4

98 44.0 0.0 129.0



#31

Cyclohexane

Concen: 1.067 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.067 min

Lab File: VX035445.D

Acq: 01 May 2023 17:04

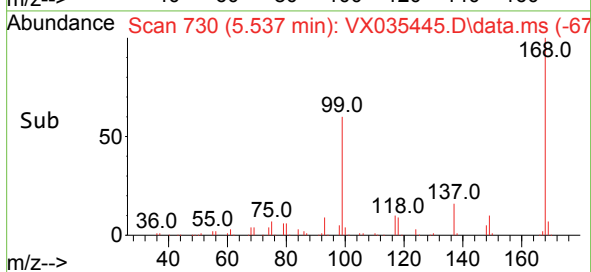
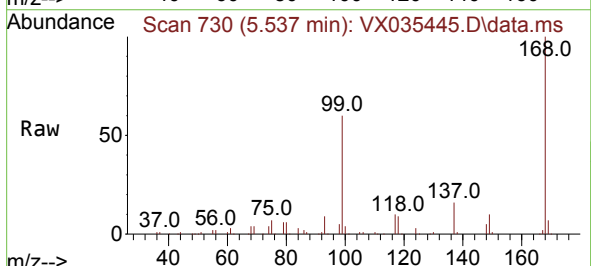
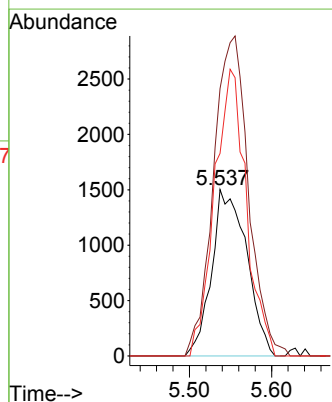
Tgt Ion: 56 Resp: 4439

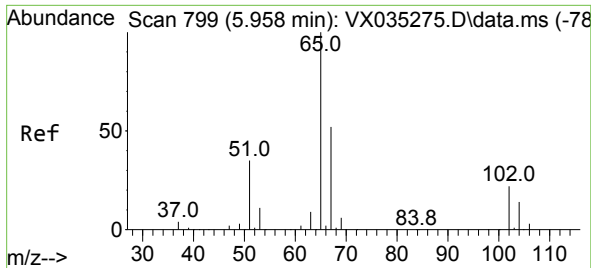
Ion Ratio Lower Upper

56 100

69 160.7 23.7 35.5#

84 121.7 68.5 102.7#

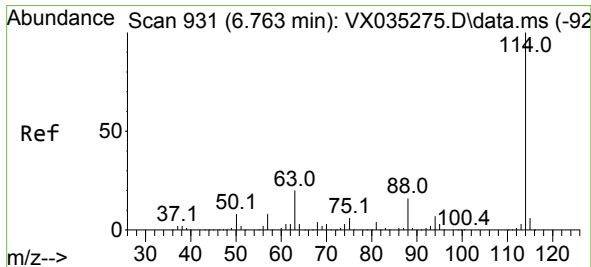
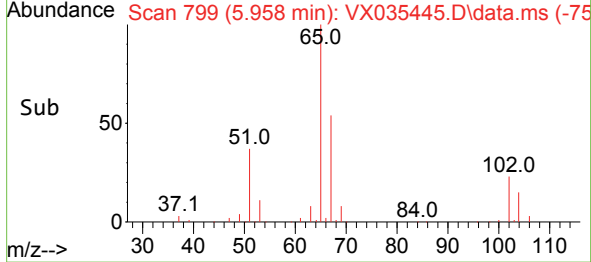
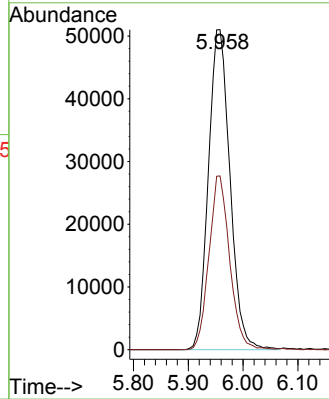
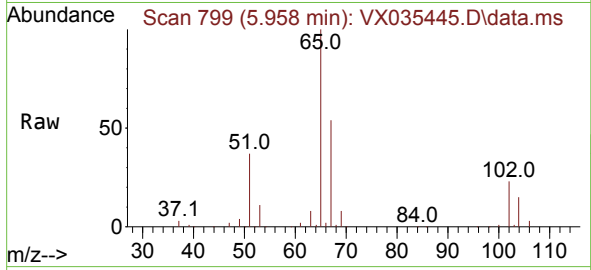




#33
 1,2-Dichloroethane-d4
 Concen: 47.465 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX035445.D
 Acq: 01 May 2023 17:04

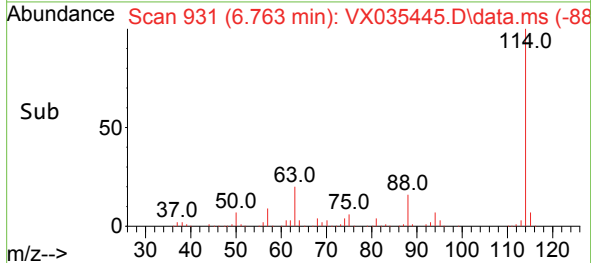
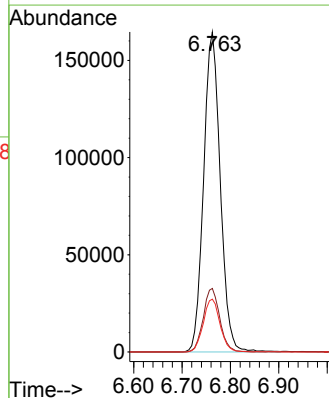
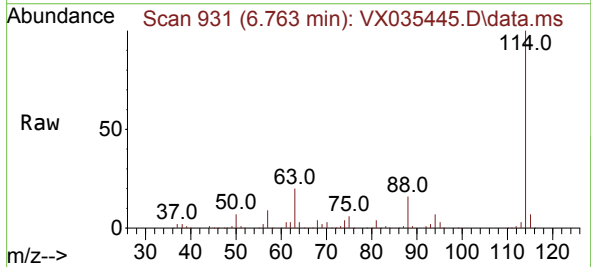
Instrument :
 MSVOA_X
 ClientSampleId :

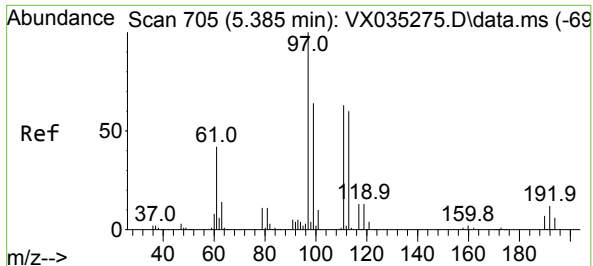
Tgt Ion: 65 Resp: 139270
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035445.D
 Acq: 01 May 2023 17:04

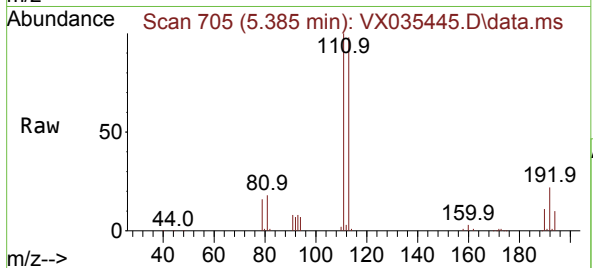
Tgt Ion:114 Resp: 393521
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.2
 88 16.5 0.0 33.2



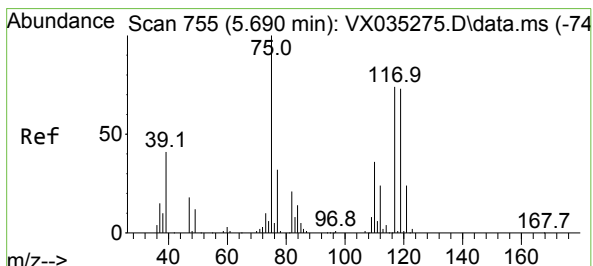
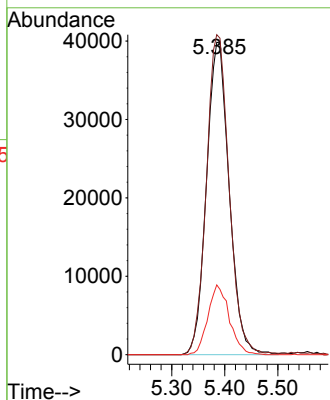
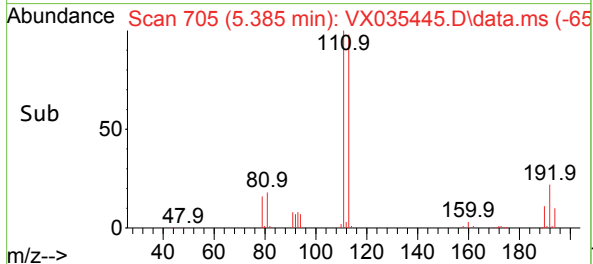


#35
Dibromofluoromethane
Concen: 49.027 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :

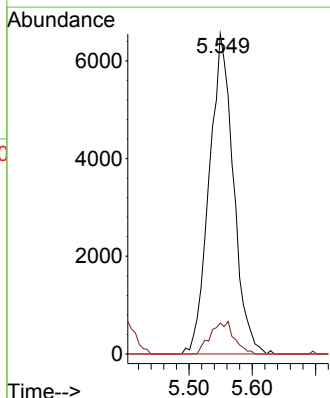
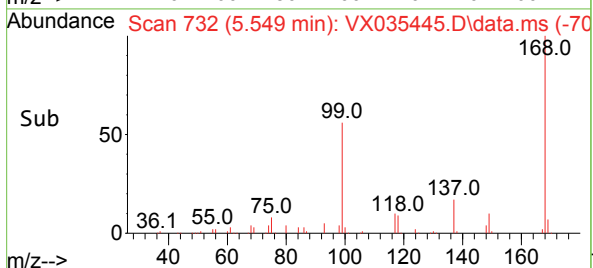
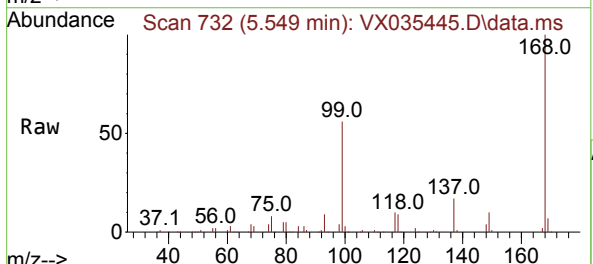


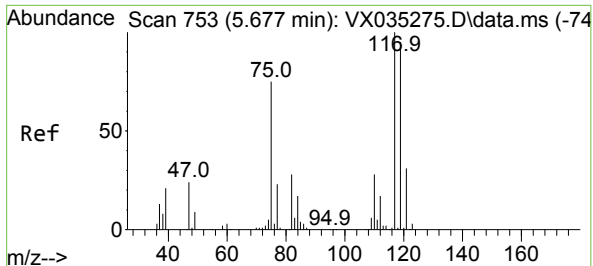
Tgt Ion:113 Resp: 118416
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 21.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

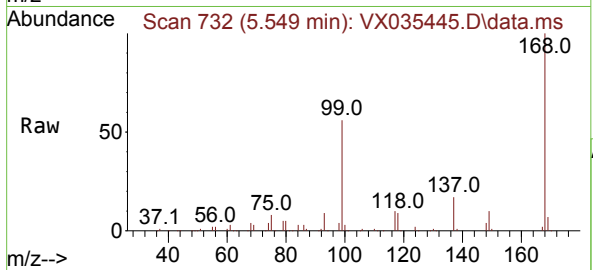
Tgt Ion: 75 Resp: 17381
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.3 36.5#



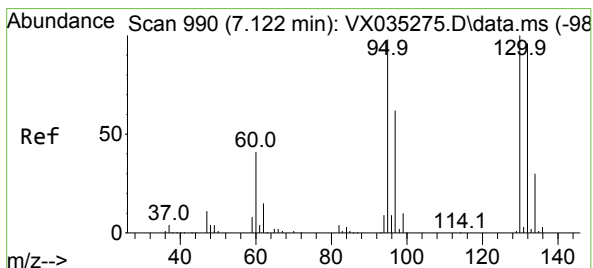
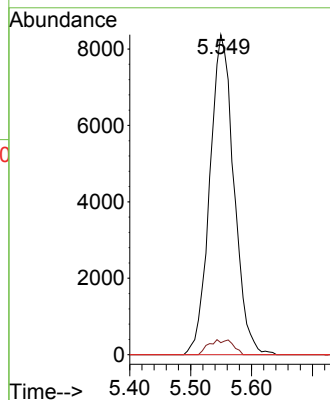
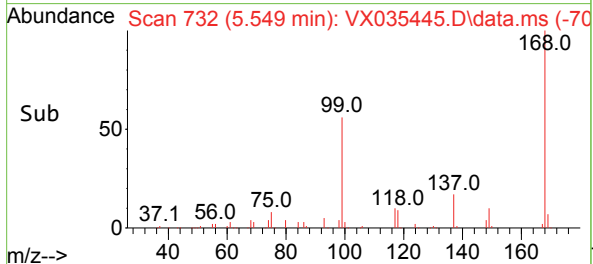


#38
Carbon Tetrachloride
Concen: 6.455 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

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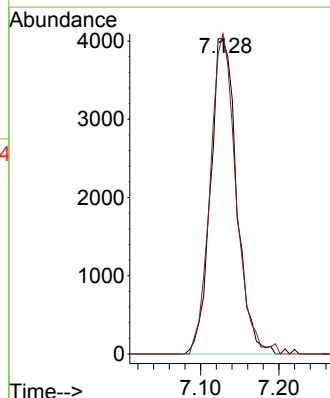
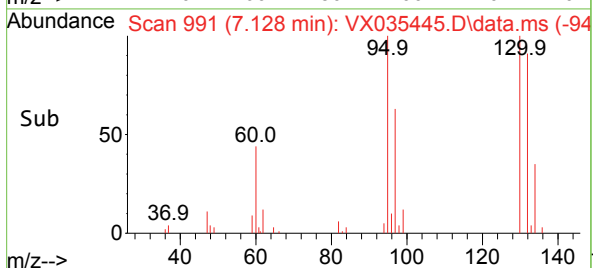
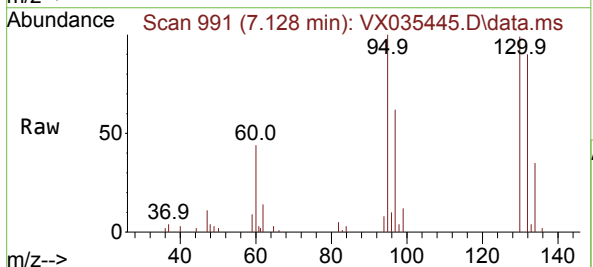


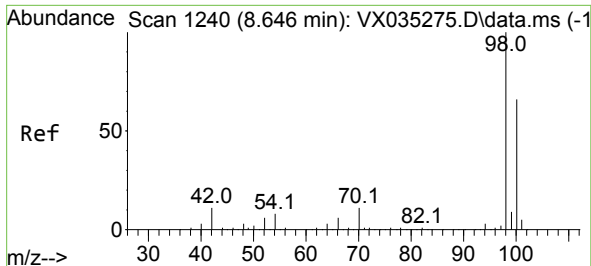
Tgt Ion:117 Resp: 23109
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 3.127 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

Tgt Ion:130 Resp: 9320
Ion Ratio Lower Upper
130 100
95 101.5 0.0 198.4

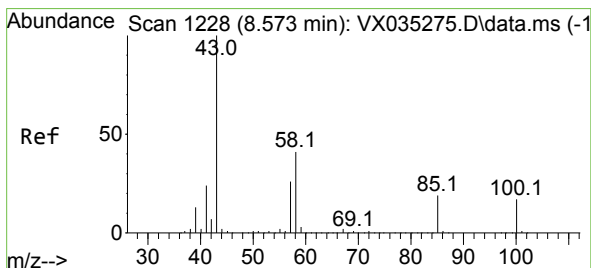
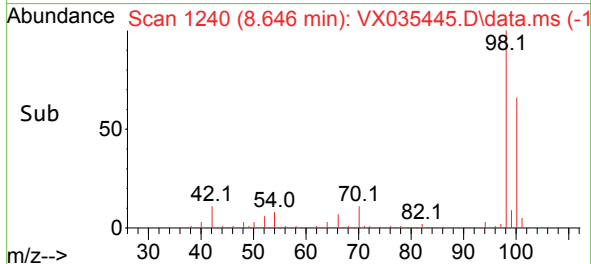
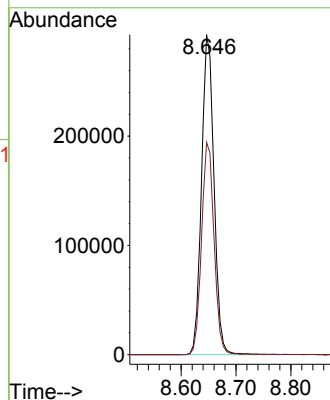
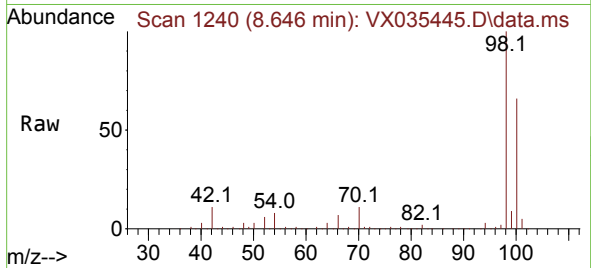




#50
Toluene-d8
Concen: 50.684 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

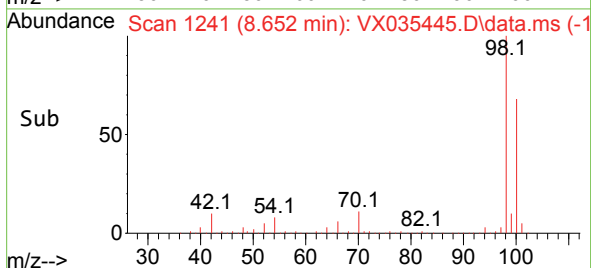
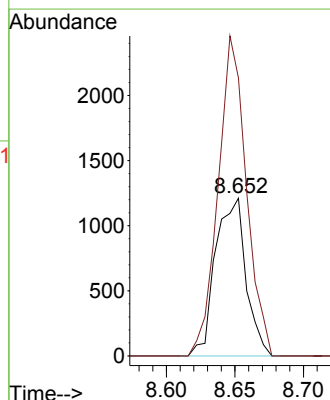
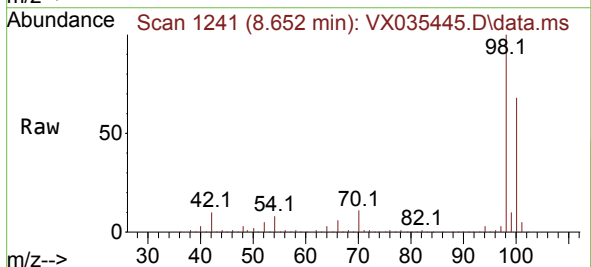
Instrument :
MSVOA_X
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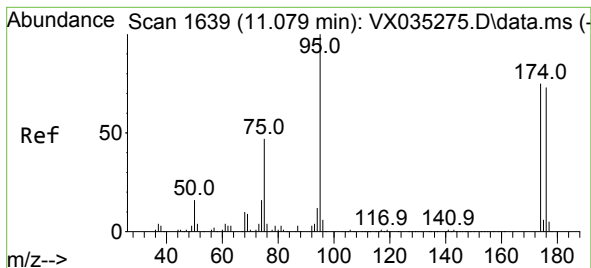
Tgt Ion: 98 Resp: 461797
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
58 188.1 30.6 46.0#

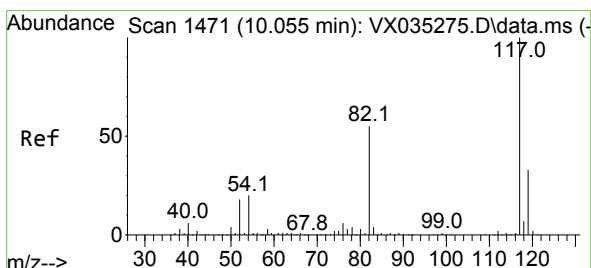
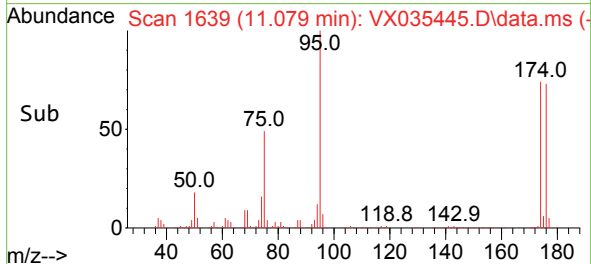
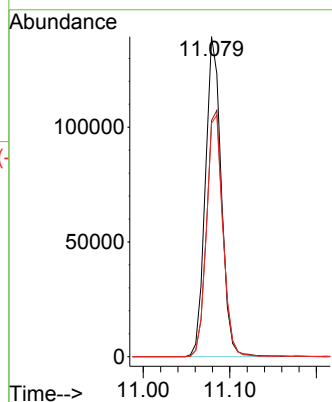
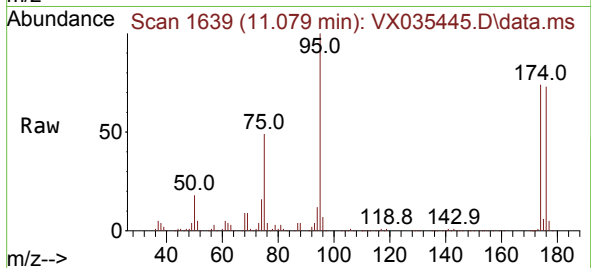




#62
4-Bromofluorobenzene
Concen: 51.819 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

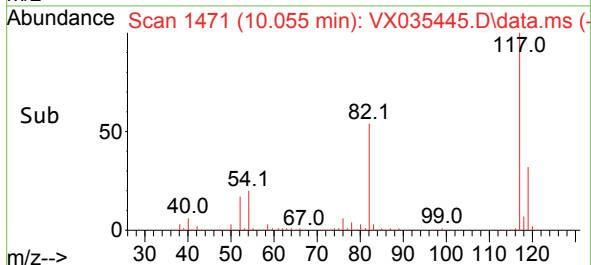
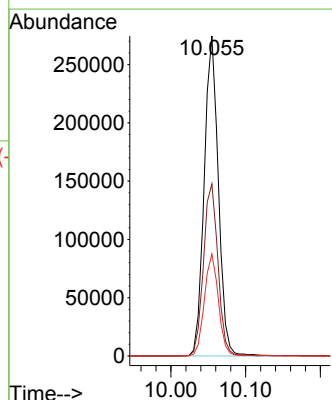
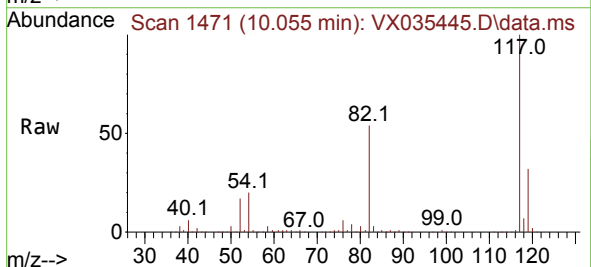
Instrument :
MSVOA_X
ClientSampleId :

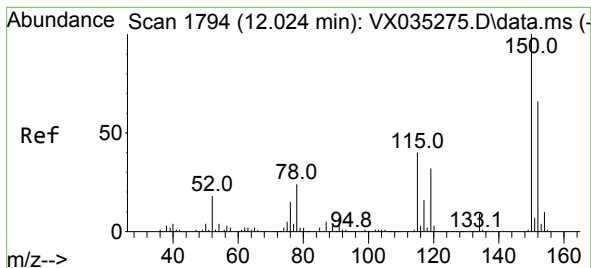
Tgt Ion: 95 Resp: 177611
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.4
176 77.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

Tgt Ion: 117 Resp: 361216
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035445.D

Acq: 01 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

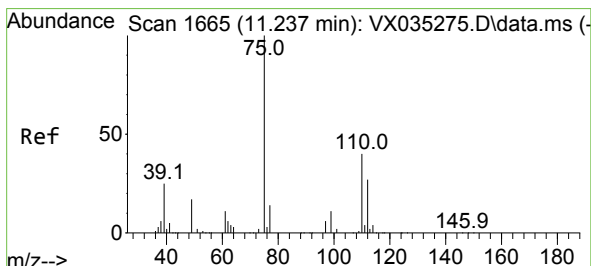
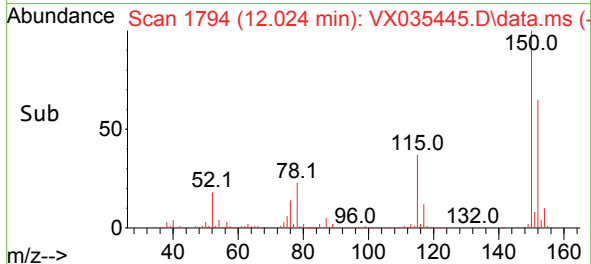
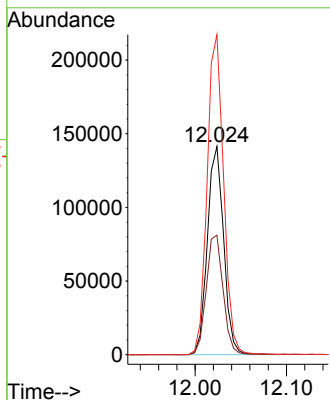
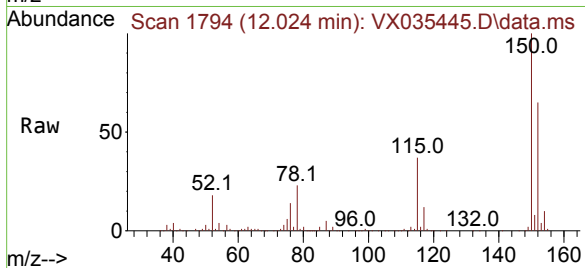
Tgt Ion:152 Resp: 174855

Ion Ratio Lower Upper

152 100

115 59.3 45.0 135.0

150 155.2 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.215 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035445.D

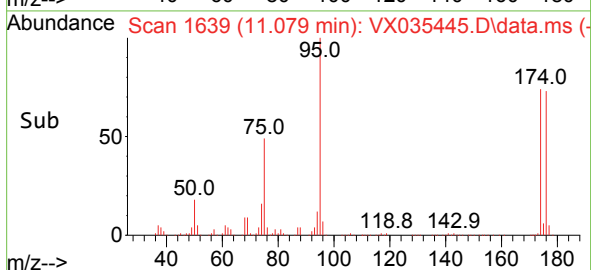
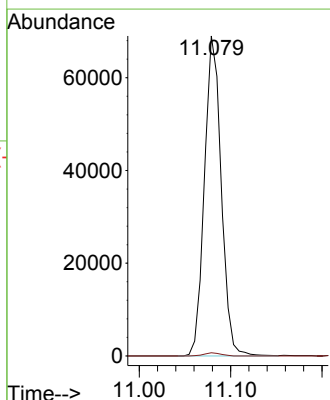
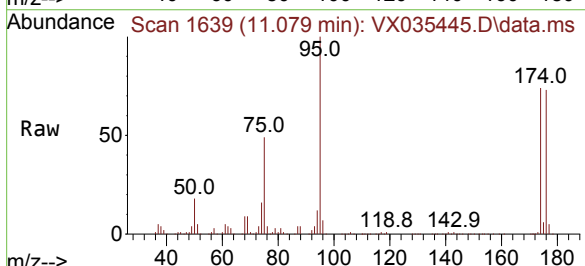
Acq: 01 May 2023 17:04

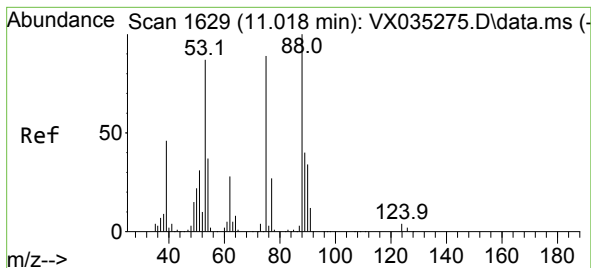
Tgt Ion: 75 Resp: 87948

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#

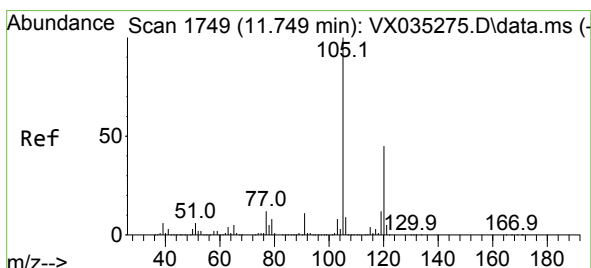
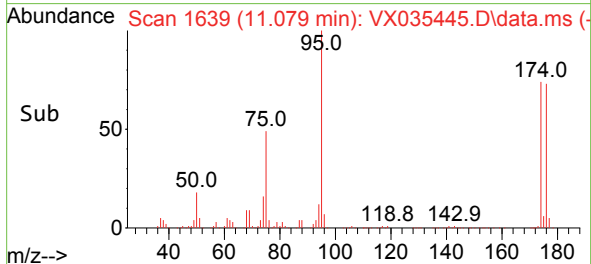
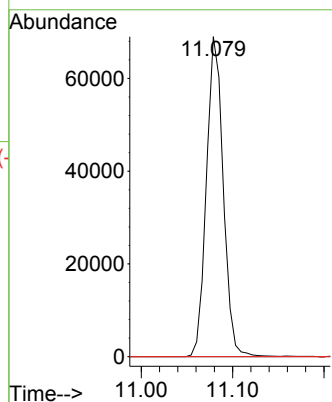
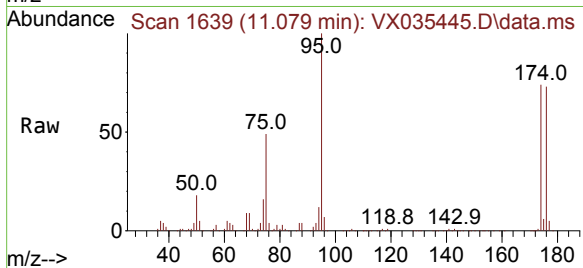




#81
trans-1,4-Dichloro-2-butene
Concen: 81.666 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

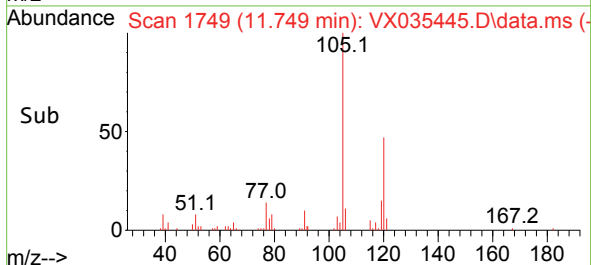
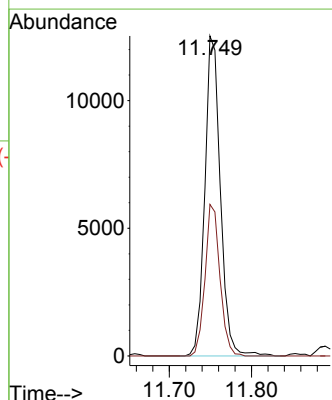
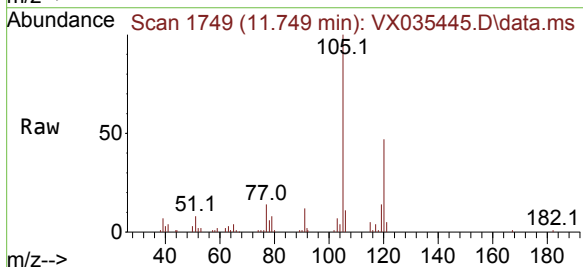
Instrument :
MSVOA_X
ClientSampleId :

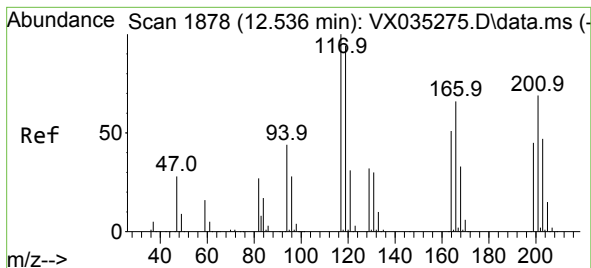
Tgt Ion: 75 Resp: 87948
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.520 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035445.D
Acq: 01 May 2023 17:04

Tgt Ion:105 Resp: 16465
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





#90

Hexachloroethane

Concen: 0.409 ug/l

RT: 12.554 min Scan# 1881

Delta R.T. 0.018 min

Lab File: VX035445.D

Acq: 01 May 2023 17:04

Instrument :

MSVOA_X

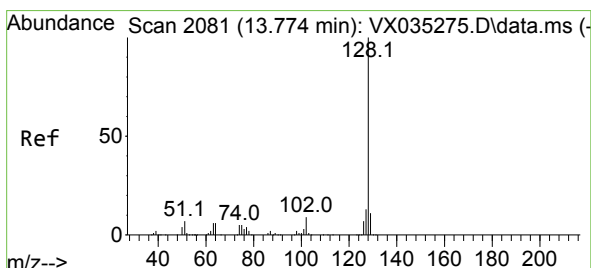
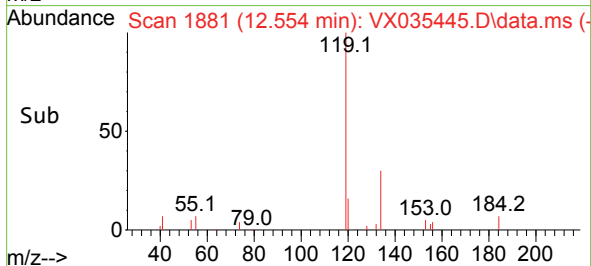
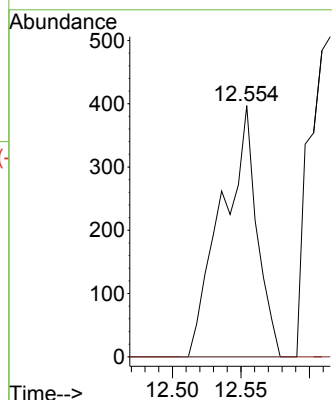
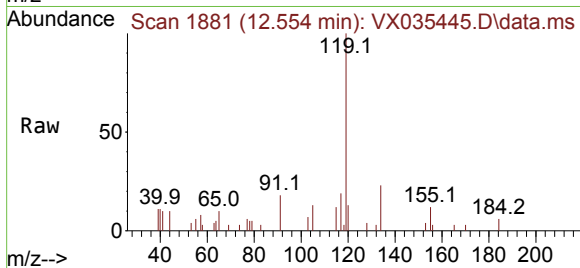
ClientSampleId :

Tgt Ion:117 Resp: 707

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#95

Naphthalene

Concen: 8.377 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035445.D

Acq: 01 May 2023 17:04

Tgt Ion:128 Resp: 97894

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.9 8.6 13.0

