

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035448.D
 Acq On : 01 May 2023 18:14
 Operator : JC/MD
 Sample : 02515-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 00:04:14 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	5.556	168	230092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379005	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	134802	48.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.120%
35) Dibromofluoromethane	5.385	113	114390	49.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	8.647	98	449447	51.217	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.440%
62) 4-Bromofluorobenzene	11.079	95	176284	53.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.800%

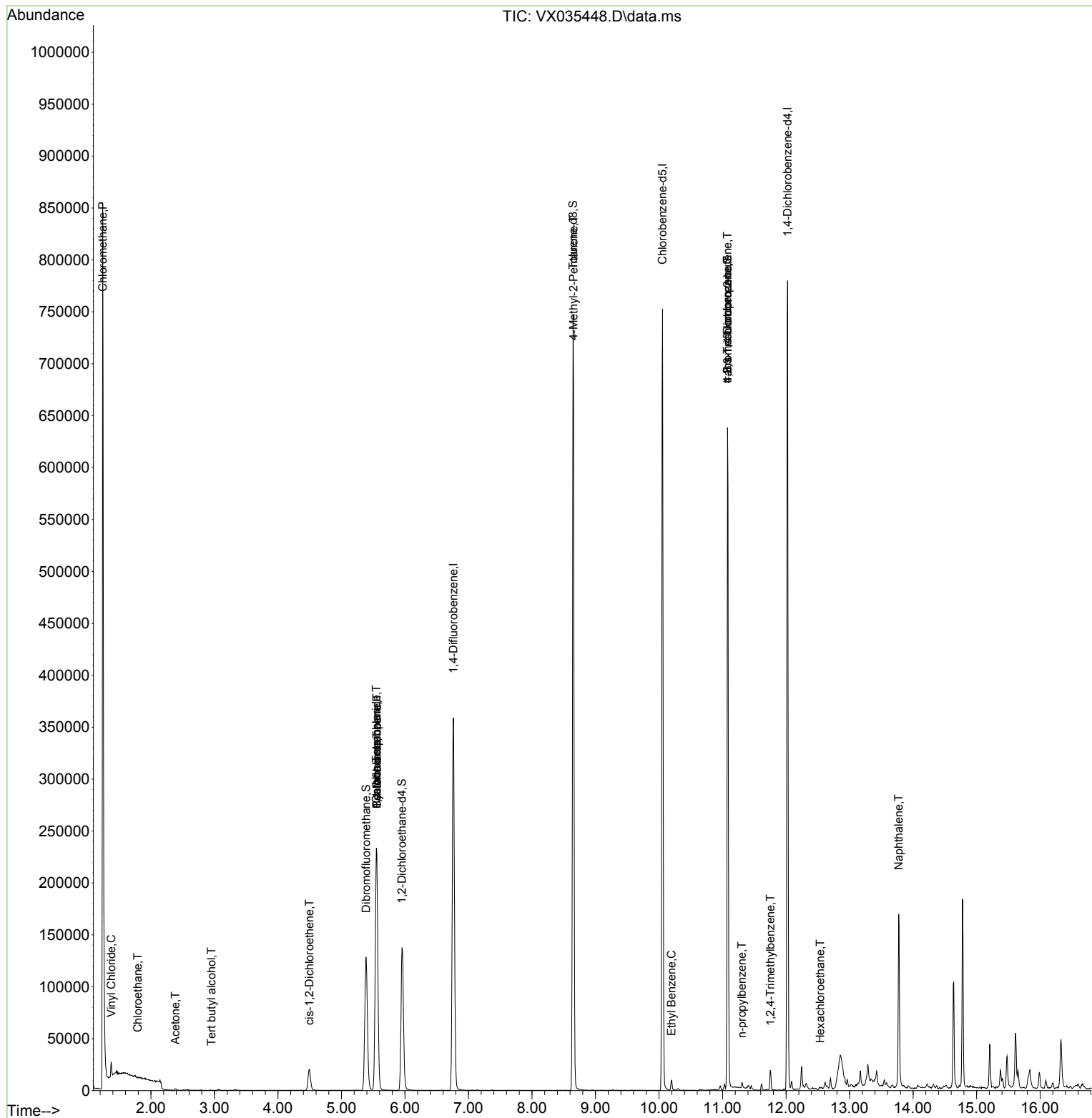
Target Compounds					Qvalue	
3) Chloromethane	1.239	50	15647	7.065	ug/l #	43
4) Vinyl Chloride	1.374	62	9223	4.152	ug/l	97
6) Chloroethane	1.794	64	500	0.385	ug/l #	69
11) Tert butyl alcohol	2.953	59	115	0.228	ug/l #	73
16) Acetone	2.386	43	1928	1.599	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	14174	4.968	ug/l	82
31) Cyclohexane	5.556	56	4165	1.058	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15995	4.404	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22343	6.480	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1790	0.523	ug/l #	1
67) Ethyl Benzene	10.195	91	6126	0.461	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	85576	24.986	ug/l #	34
78) n-propylbenzene	11.305	91	3016	0.209	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	85576	80.926	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	9224	0.867	ug/l	95
90) Hexachloroethane	12.536	117	384	0.226	ug/l #	15
95) Naphthalene	13.774	128	118787	10.352	ug/l	99

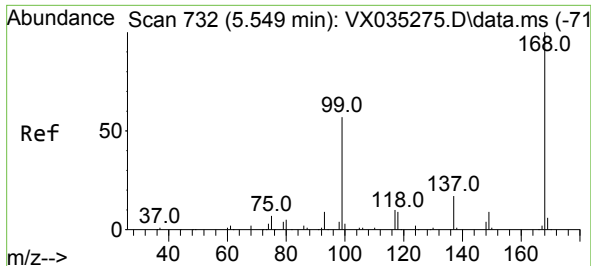
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

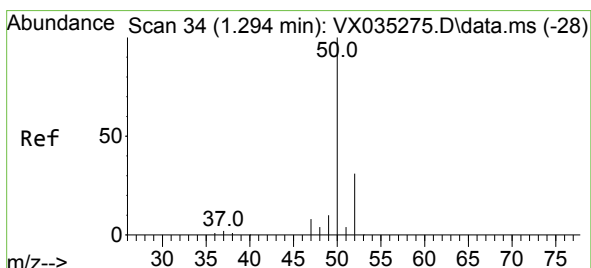
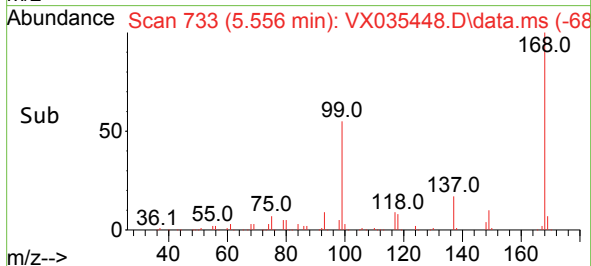
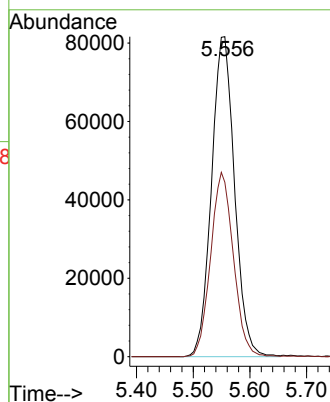
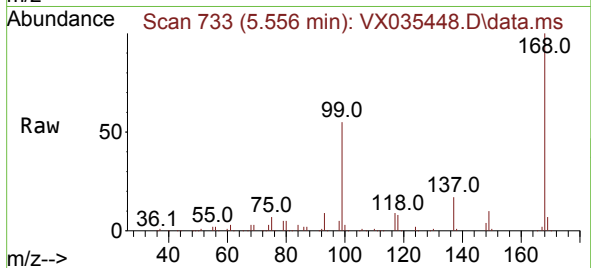




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

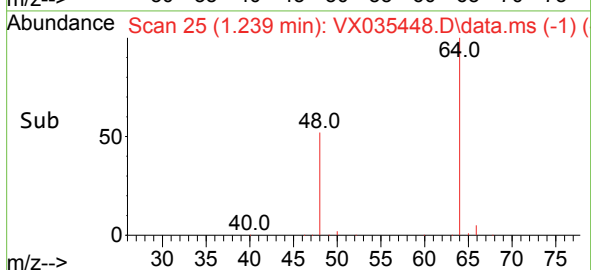
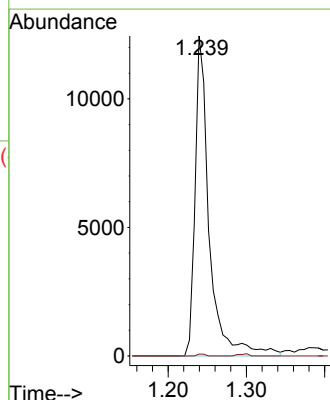
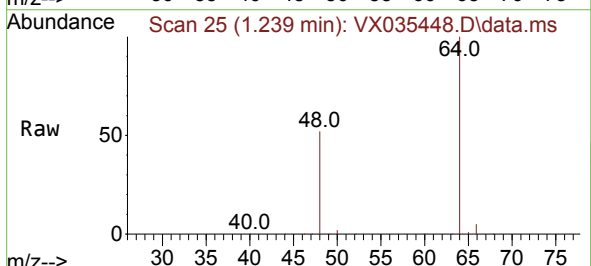
Instrument :
MSVOA_X
ClientSampleId :

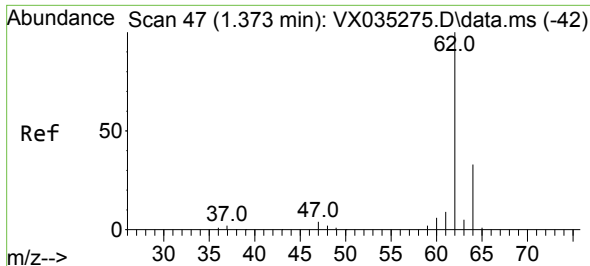
Tgt Ion:168 Resp: 230092
Ion Ratio Lower Upper
168 100
99 54.5 45.7 68.5



#3
Chloromethane
Concen: 7.065 ug/l
RT: 1.239 min Scan# 25
Delta R.T. -0.055 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

Tgt Ion: 50 Resp: 15647
Ion Ratio Lower Upper
50 100
52 0.6 25.9 38.9#

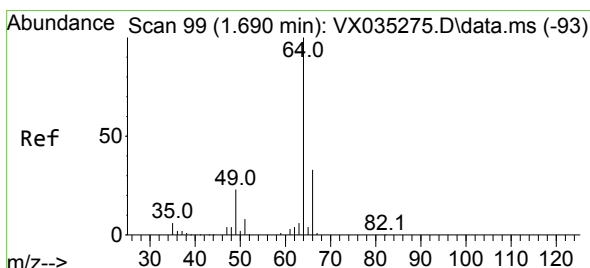
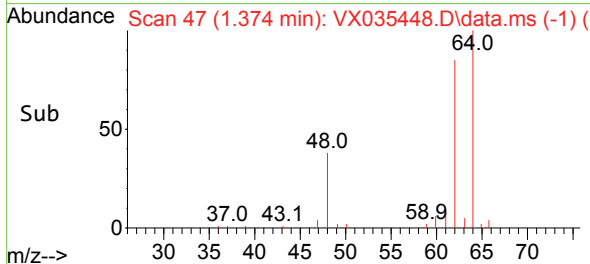
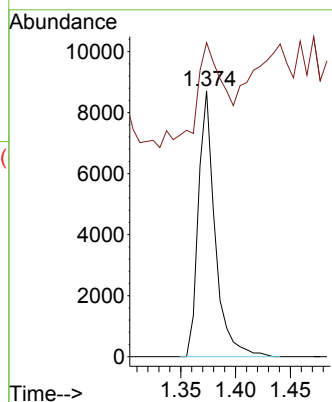
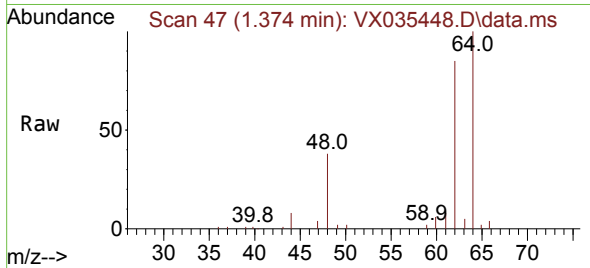




#4
 Vinyl Chloride
 Concen: 4.152 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035448.D
 Acq: 01 May 2023 18:14

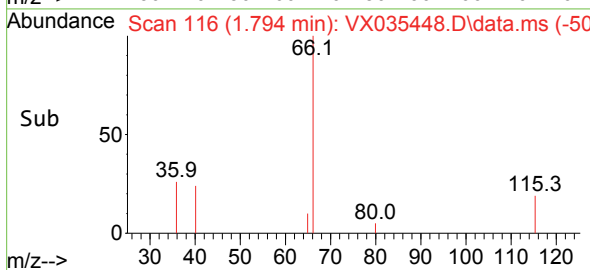
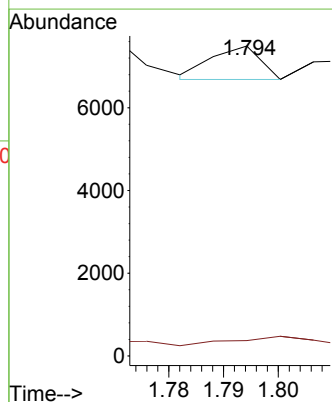
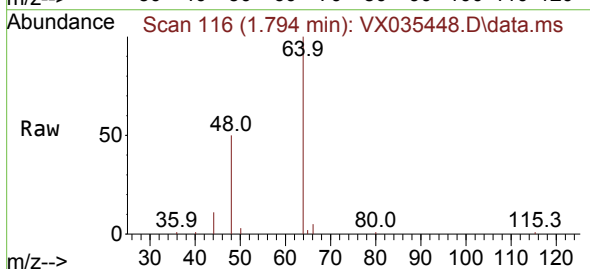
Instrument :
 MSVOA_X
 ClientSampleId :

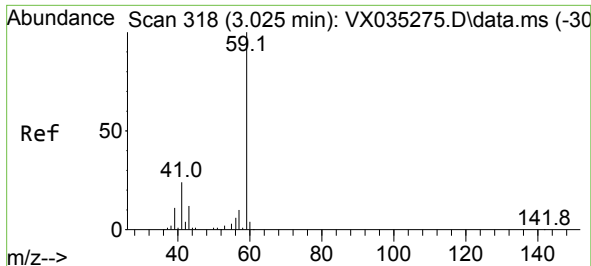
Tgt Ion: 62 Resp: 9223
 Ion Ratio Lower Upper
 62 100
 64 34.9 26.4 39.6



#6
 Chloroethane
 Concen: 0.385 ug/l
 RT: 1.794 min Scan# 116
 Delta R.T. 0.104 min
 Lab File: VX035448.D
 Acq: 01 May 2023 18:14

Tgt Ion: 64 Resp: 500
 Ion Ratio Lower Upper
 64 100
 66 15.2 26.2 39.4#





#11

Tert butyl alcohol

Concen: 0.228 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.072 min

Lab File: VX035448.D

Acq: 01 May 2023 18:14

Instrument :

MSVOA_X

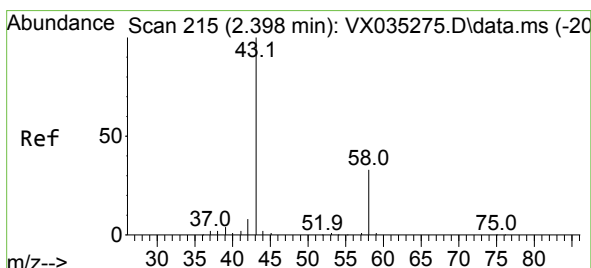
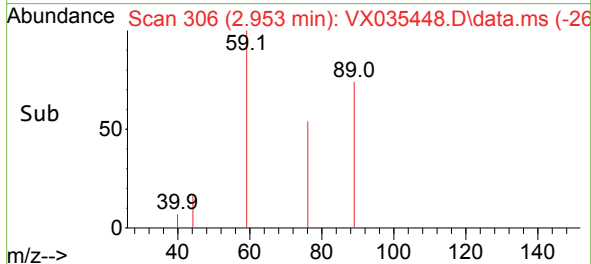
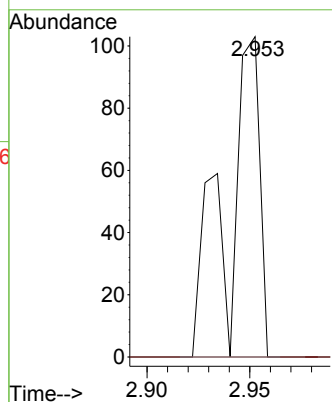
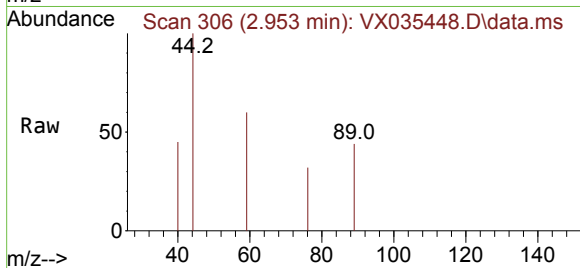
ClientSampleId :

Tgt Ion: 59 Resp: 115

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.599 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX035448.D

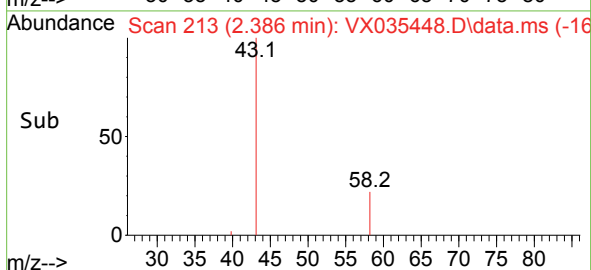
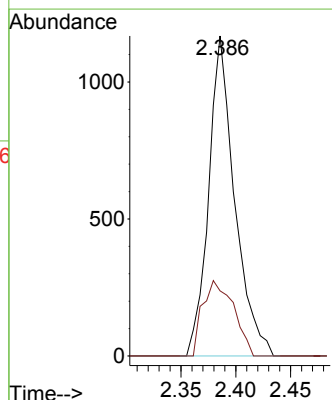
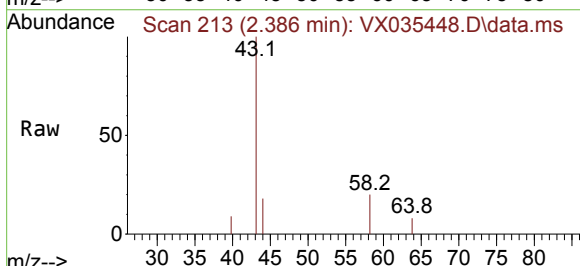
Acq: 01 May 2023 18:14

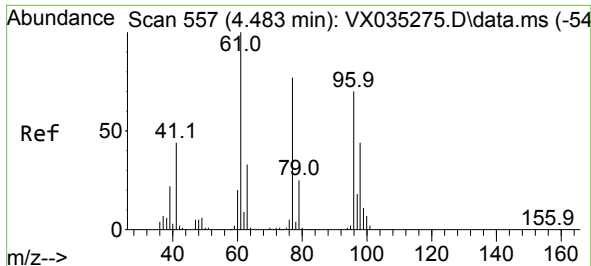
Tgt Ion: 43 Resp: 1928

Ion Ratio Lower Upper

43 100

58 20.4 24.7 37.1#





#27

cis-1,2-Dichloroethene

Concen: 4.968 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

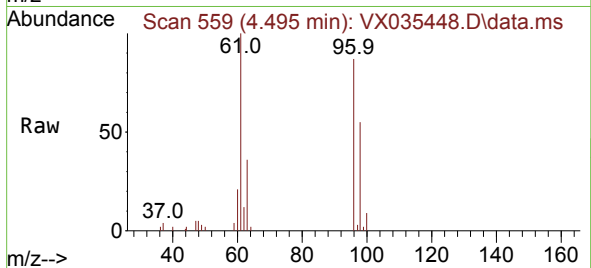
Lab File: VX035448.D

Acq: 01 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :



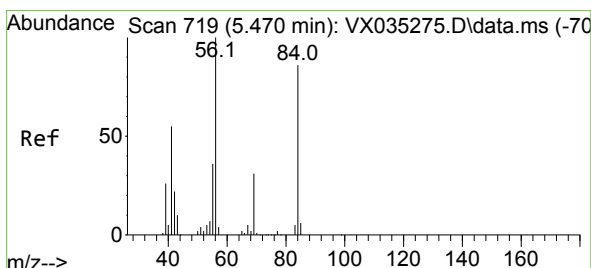
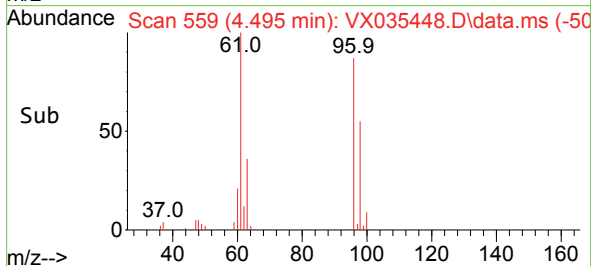
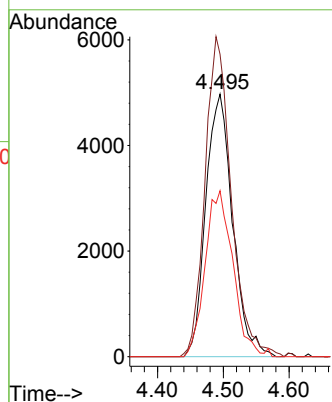
Tgt Ion: 96 Resp: 14174

Ion Ratio Lower Upper

96 100

61 118.6 0.0 300.4

98 65.2 0.0 129.0



#31

Cyclohexane

Concen: 1.058 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX035448.D

Acq: 01 May 2023 18:14

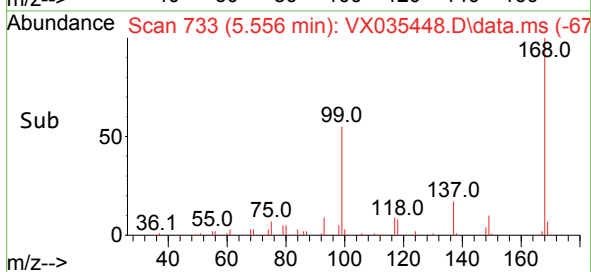
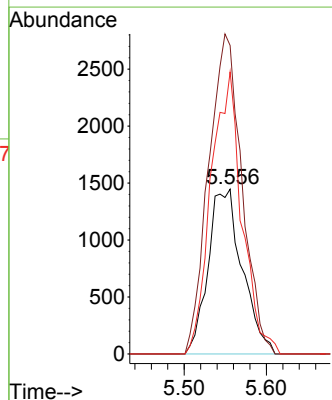
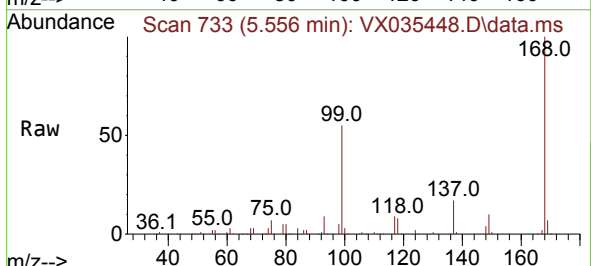
Tgt Ion: 56 Resp: 4165

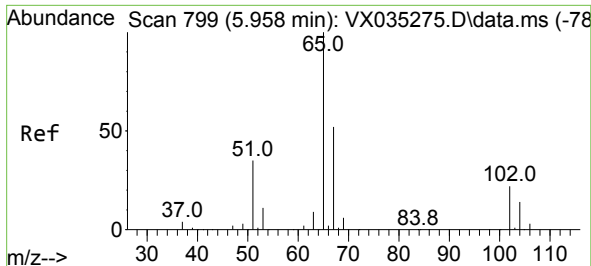
Ion Ratio Lower Upper

56 100

69 187.1 23.7 35.5#

84 171.1 68.5 102.7#

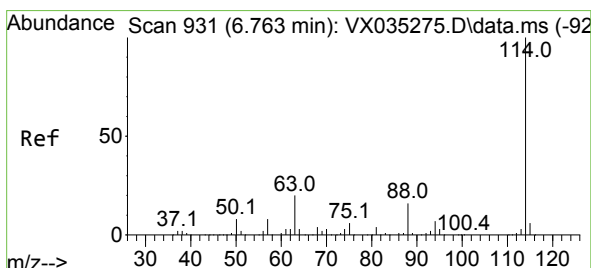
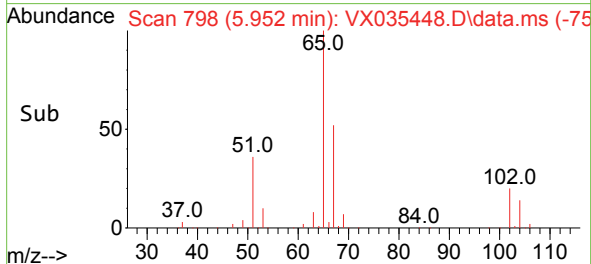
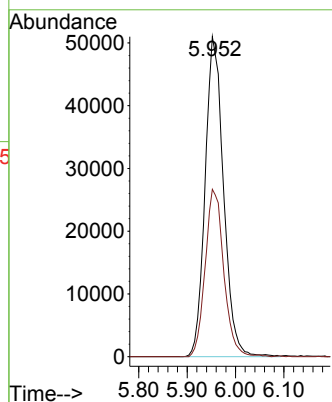
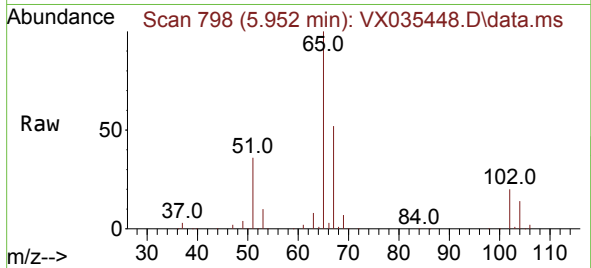




#33
 1,2-Dichloroethane-d4
 Concen: 48.561 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX035448.D
 Acq: 01 May 2023 18:14

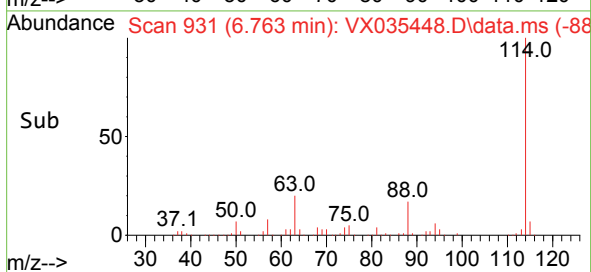
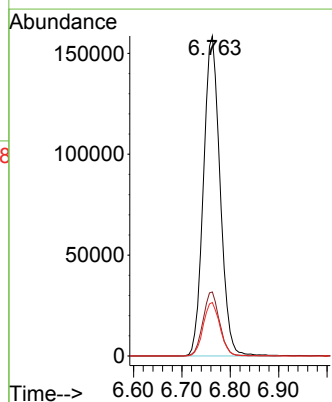
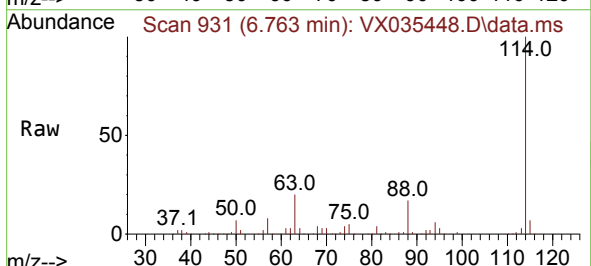
Instrument :
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 ClientSampleId :

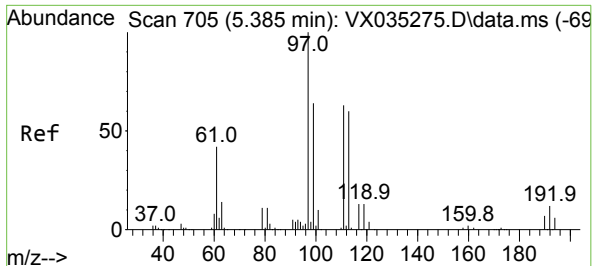
Tgt Ion: 65 Resp: 134802
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035448.D
 Acq: 01 May 2023 18:14

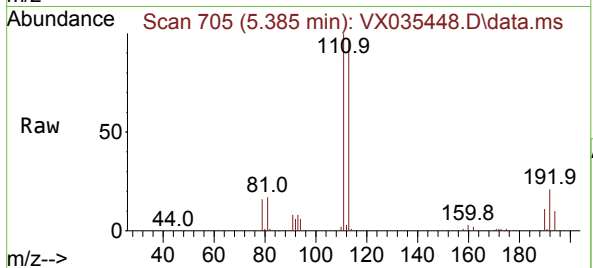
Tgt Ion: 114 Resp: 379005
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.2
 88 16.7 0.0 33.2



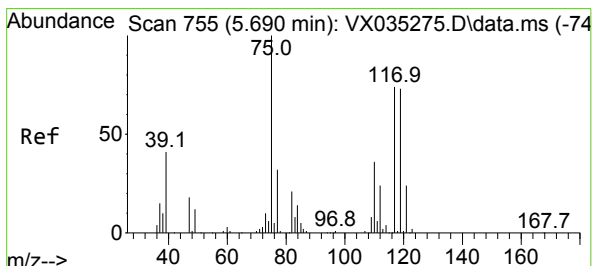
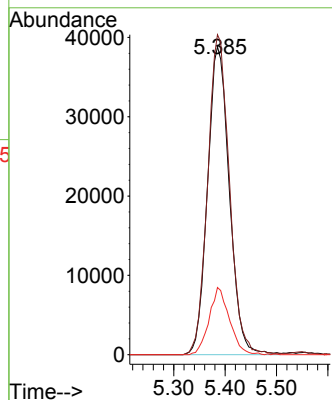
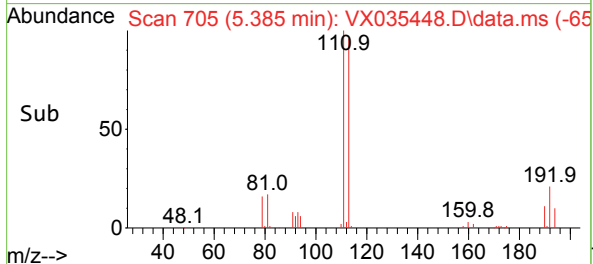


#35
Dibromofluoromethane
Concen: 49.174 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

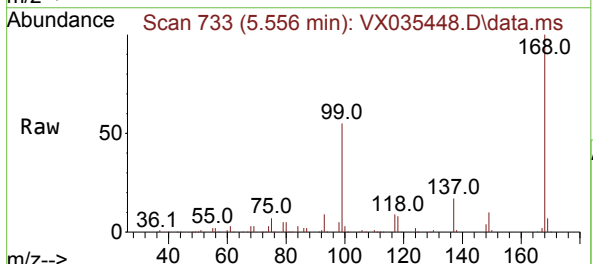
Instrument :
MSVOA_X
ClientSampleId :



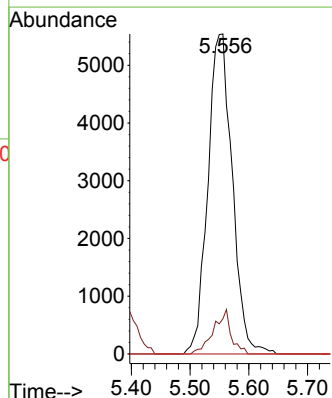
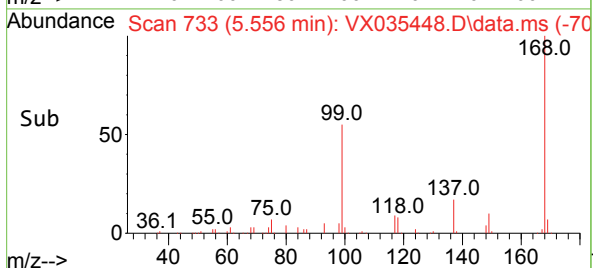
Tgt Ion:113 Resp: 114390
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 20.4 15.4 23.2

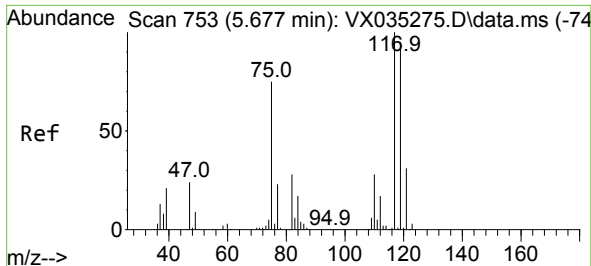


#36
1,1-Dichloropropene
Concen: 4.404 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14



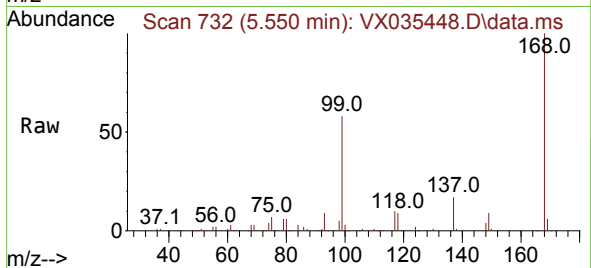
Tgt Ion: 75 Resp: 15995
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



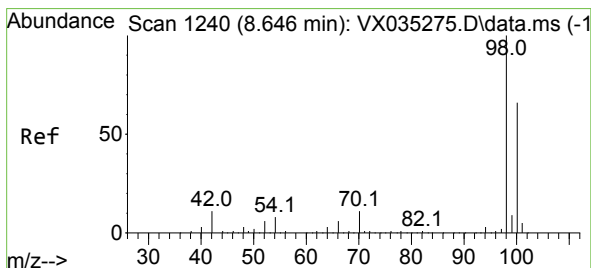
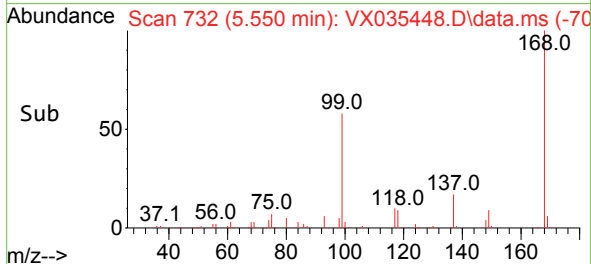
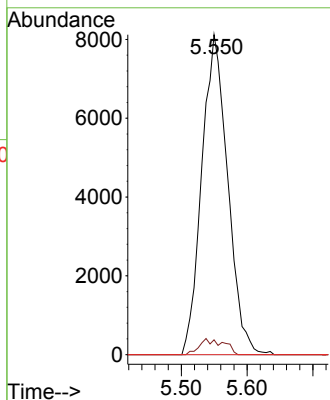


#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :

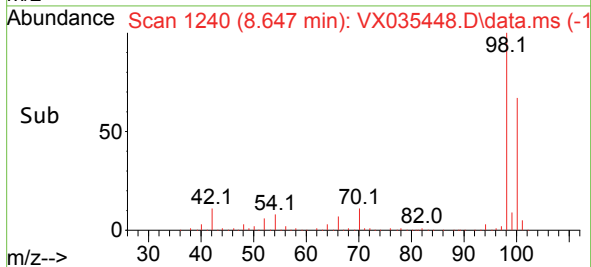
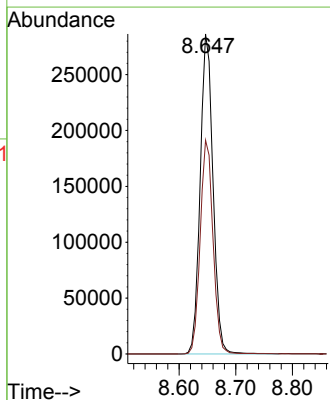
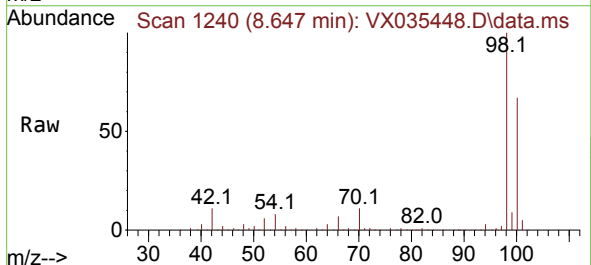


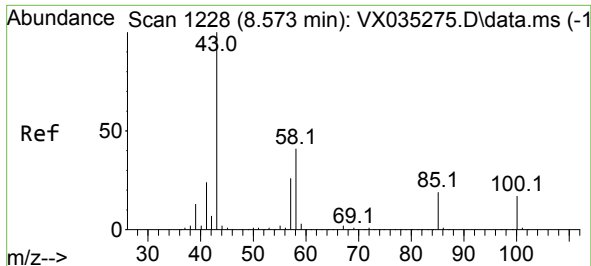
Tgt Ion:117 Resp: 22343
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.217 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

Tgt Ion: 98 Resp: 449447
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

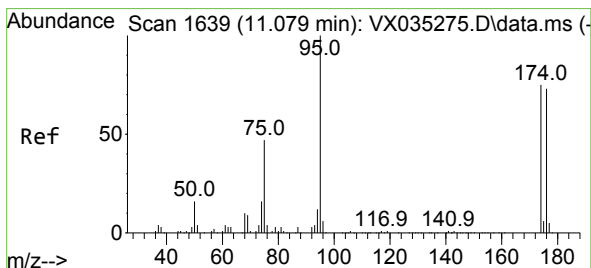
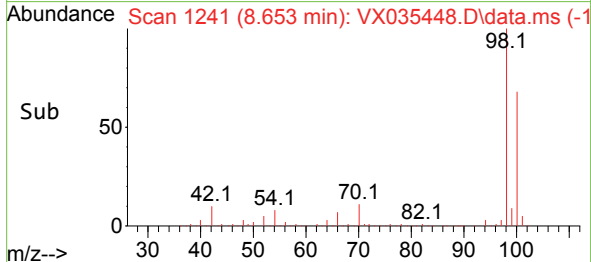
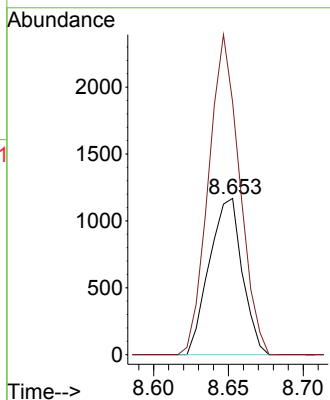
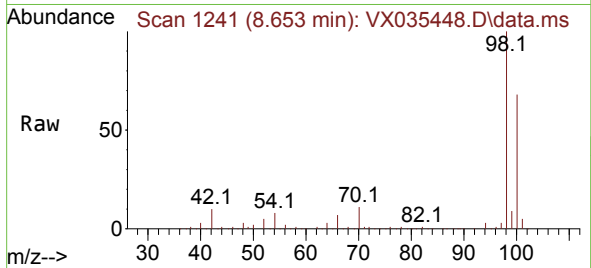




#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

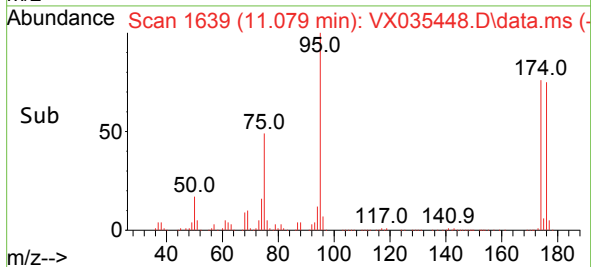
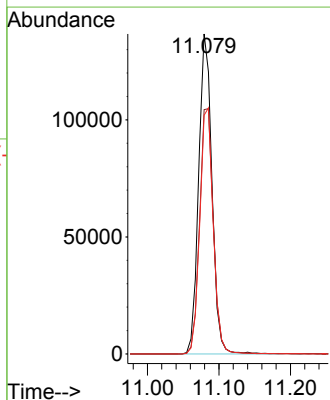
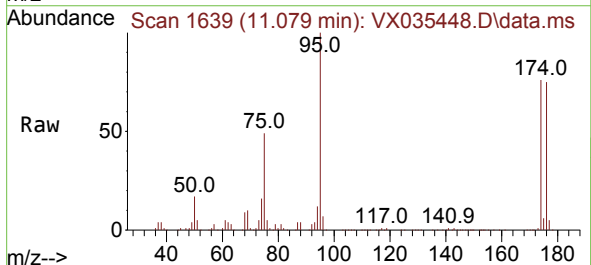
Instrument :
MSVOA_X
ClientSampleId :

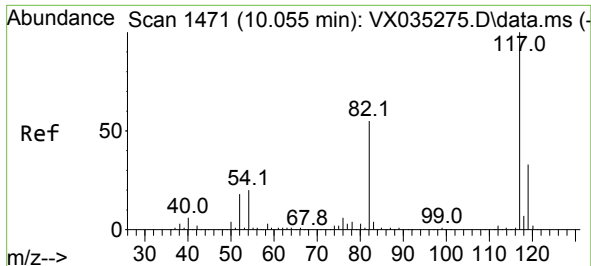
Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 192.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 53.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

Tgt Ion: 95 Resp: 176284
Ion Ratio Lower Upper
95 100
174 79.5 0.0 147.4
176 77.8 0.0 140.6

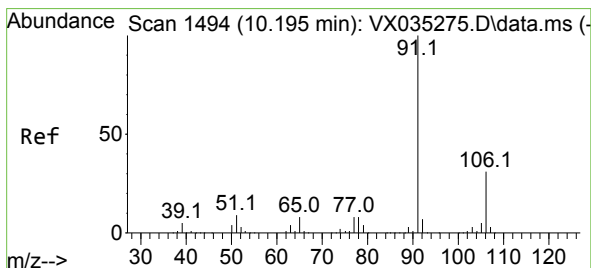
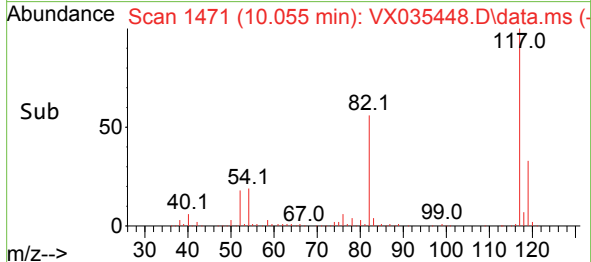
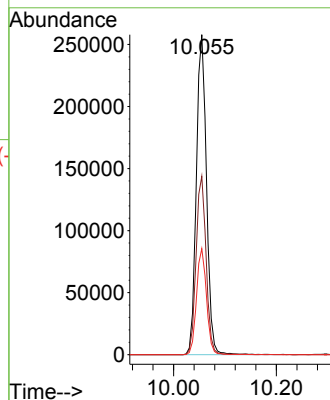
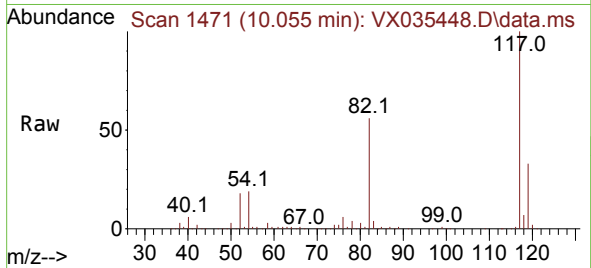




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

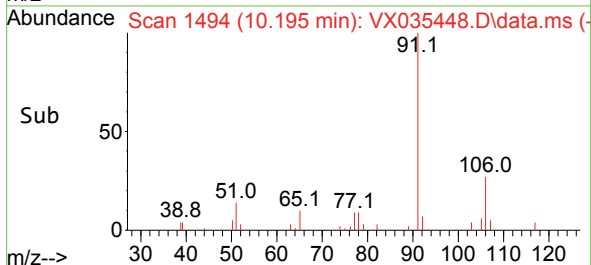
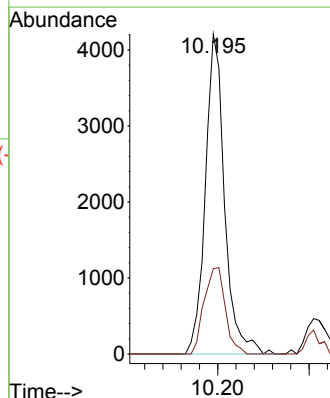
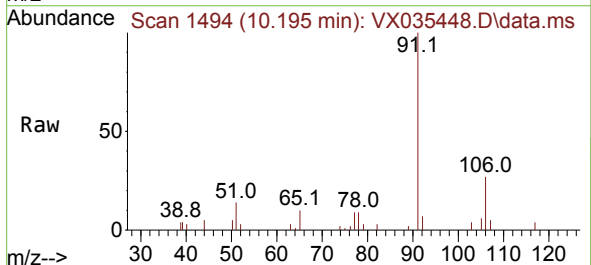
Instrument :
MSVOA_X
ClientSampleId :

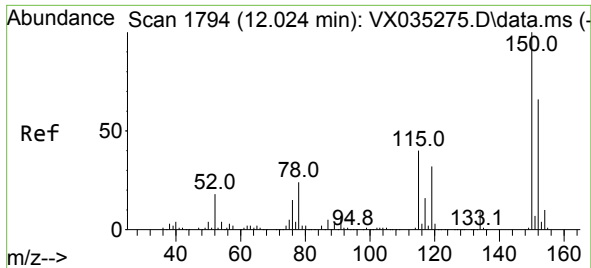
Tgt Ion:117 Resp: 354464
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 33.1 26.0 39.0



#67
Ethyl Benzene
Concen: 0.461 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035448.D
Acq: 01 May 2023 18:14

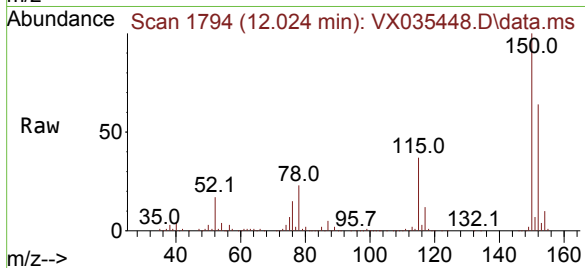
Tgt Ion: 91 Resp: 6126
Ion Ratio Lower Upper
91 100
106 26.6 25.6 38.4



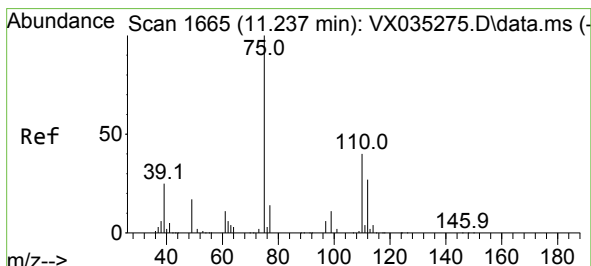
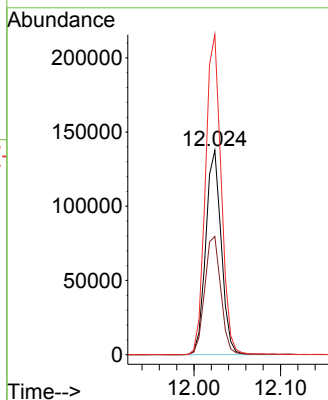
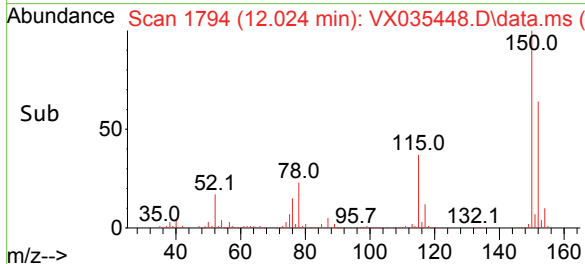


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035448.D
 Acq: 01 May 2023 18:14

Instrument :
 MSVOA_X
 ClientSampleId :

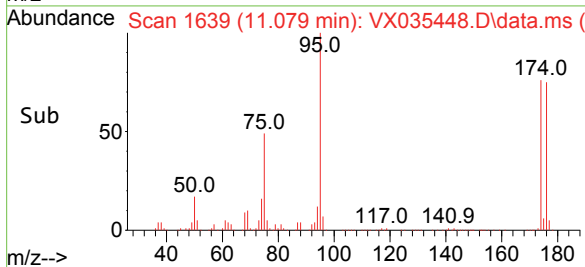
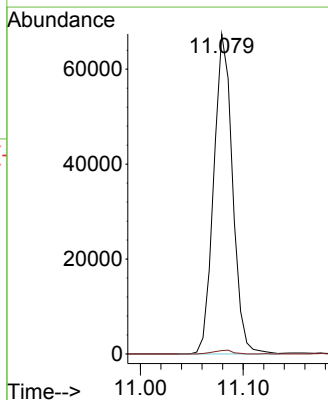
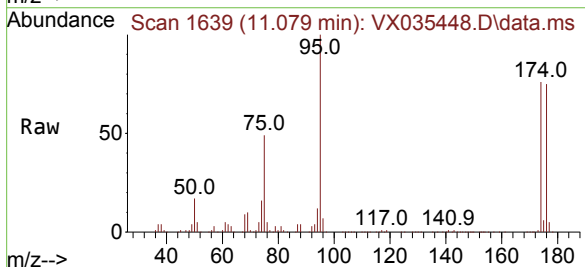


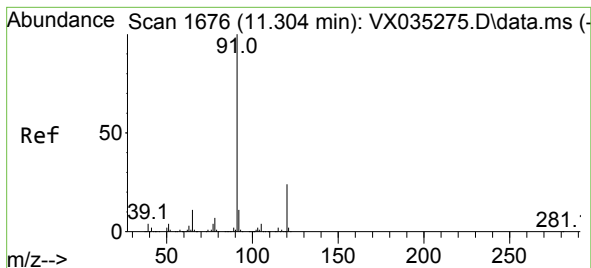
Tgt Ion:152 Resp: 171694
 Ion Ratio Lower Upper
 152 100
 115 60.5 45.0 135.0
 150 158.8 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 24.986 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035448.D
 Acq: 01 May 2023 18:14

Tgt Ion: 75 Resp: 85576
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#78

n-propylbenzene

Concen: 0.209 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035448.D

Acq: 01 May 2023 18:14

Instrument :

MSVOA_X

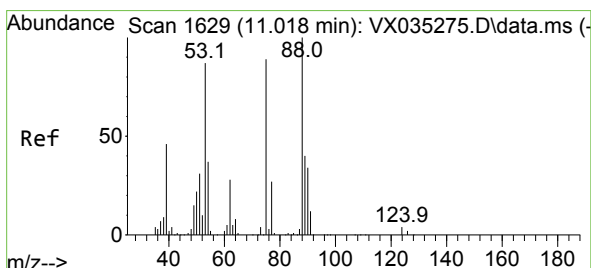
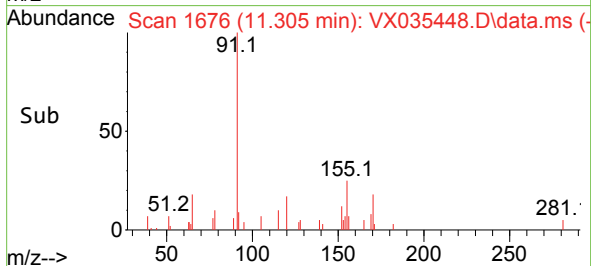
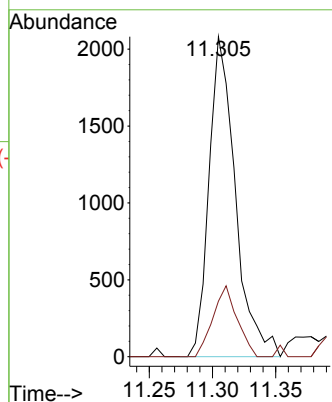
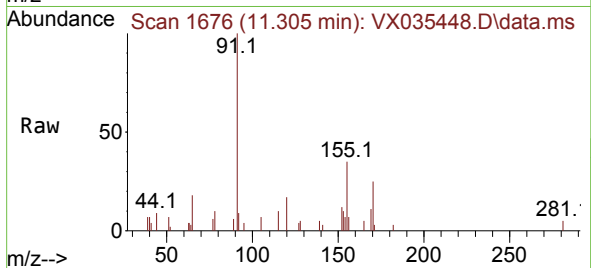
ClientSampleId :

Tgt Ion: 91 Resp: 3016

Ion Ratio Lower Upper

91 100

120 20.3 11.5 34.5



#81

trans-1,4-Dichloro-2-butene

Concen: 80.926 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035448.D

Acq: 01 May 2023 18:14

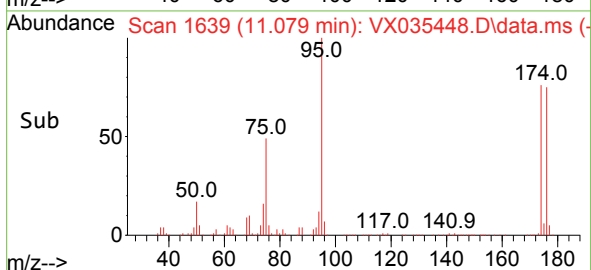
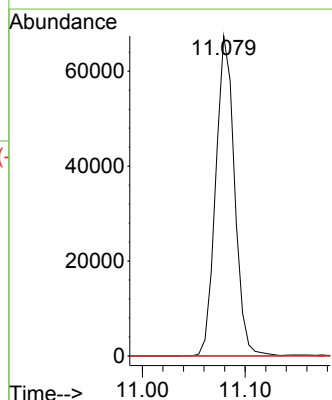
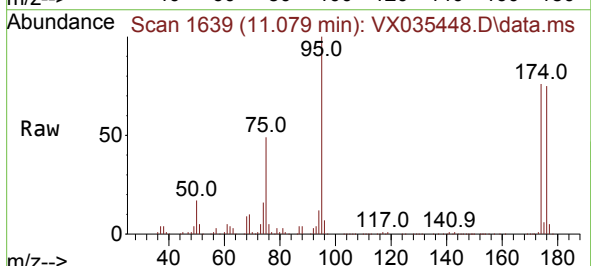
Tgt Ion: 75 Resp: 85576

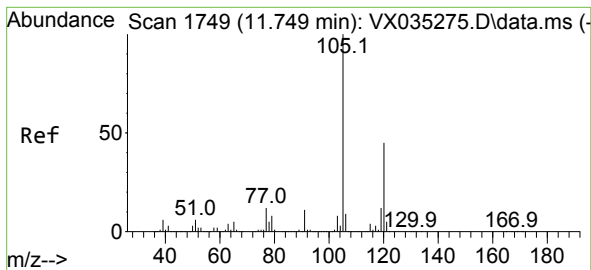
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.867 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX035448.D

Acq: 01 May 2023 18:14

Instrument :

MSVOA_X

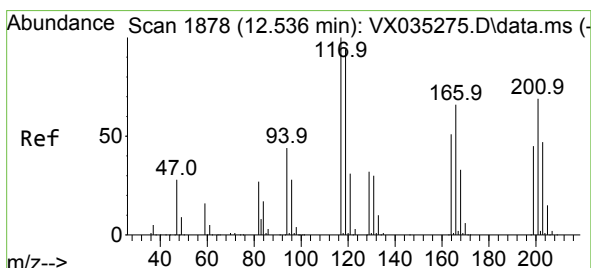
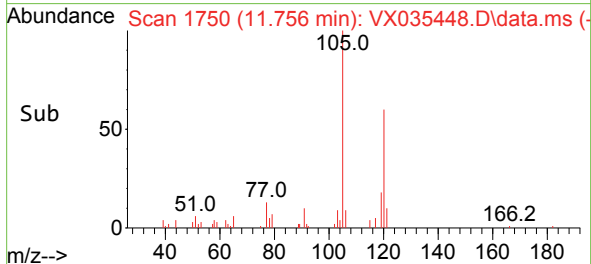
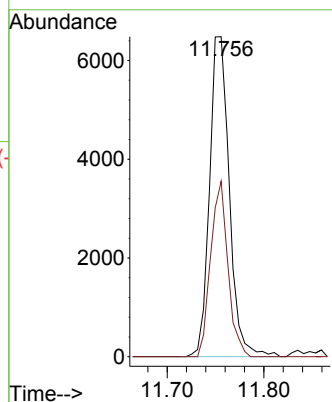
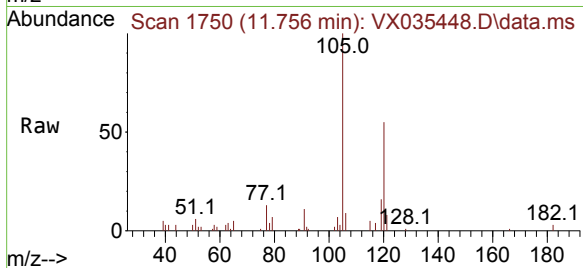
ClientSampleId :

Tgt Ion:105 Resp: 9224

Ion Ratio Lower Upper

105 100

120 47.7 22.4 67.0



#90

Hexachloroethane

Concen: 0.226 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035448.D

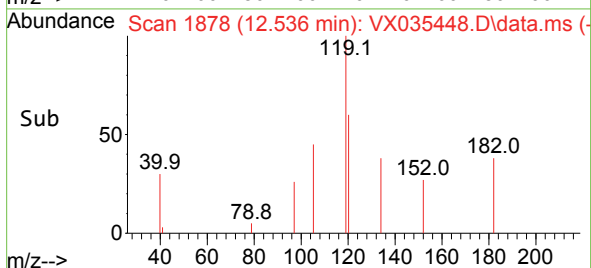
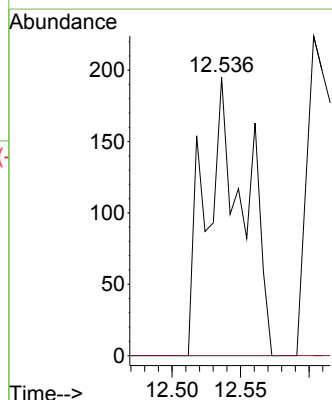
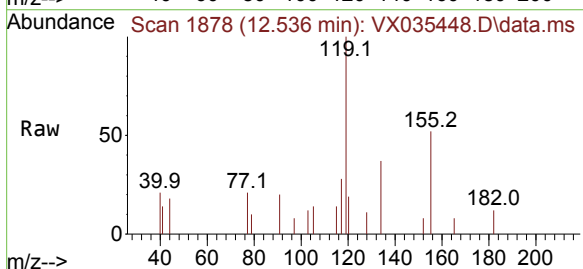
Acq: 01 May 2023 18:14

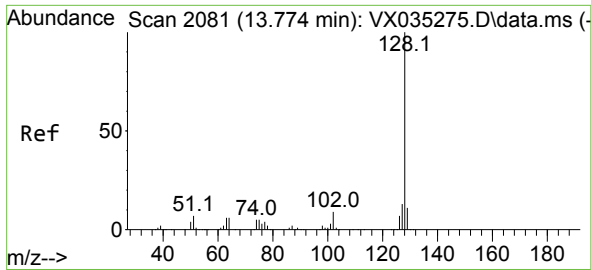
Tgt Ion:117 Resp: 384

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#





#95

Naphthalene

Concen: 10.352 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

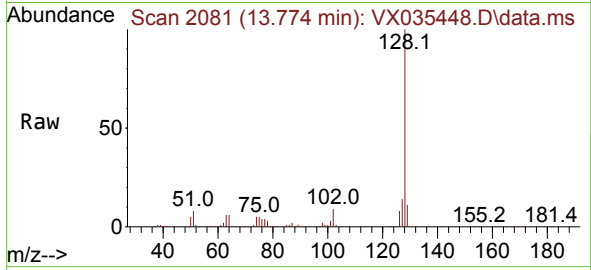
Lab File: VX035448.D

Acq: 01 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 118787

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.7 8.6 13.0

