

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034759.D
 Acq On : 27 Mar 2023 18:55
 Operator : JC/MD
 Sample : 02073-01 400X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1715

Quant Time: Mar 28 03:23:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

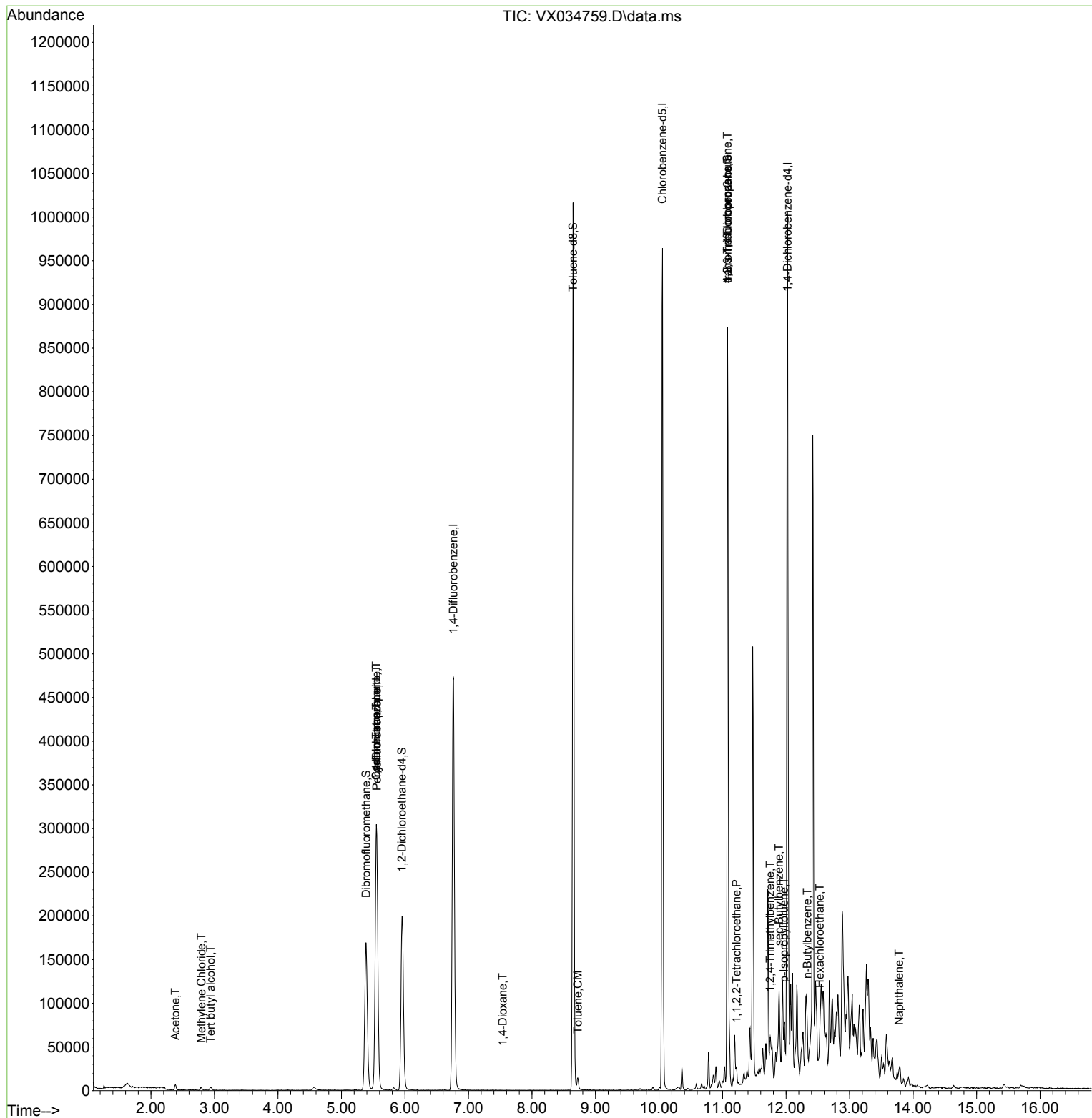
Internal Standards						
1) Pentafluorobenzene	5.556	168	285946	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	474720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	196561	47.251	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.500%		
35) Dibromofluoromethane	5.385	113	144392	46.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.140%		
50) Toluene-d8	8.647	98	570581	48.765	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	210719	44.586	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.180%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	415	Below Cal		100
11) Tert butyl alcohol	2.940	59	2054	2.371 ug/l #		73
16) Acetone	2.385	43	6222	3.175 ug/l		98
20) Methylene Chloride	2.794	84	1603	0.422 ug/l #		78
31) Cyclohexane	5.550	56	7385	1.266 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	23569	4.896 ug/l #		50
38) Carbon Tetrachloride	5.550	117	29092	6.075 ug/l #		15
49) 1,4-Dioxane	7.537	88	19	0.211 ug/l #		23
52) Toluene	8.720	92	5153	0.591 ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.219	83	1108	0.218 ug/l #		25
76) 1,2,3-Trichloropropane	11.079	75	111116	24.586 ug/l #		35
81) trans-1,4-Dichloro-2-b...	11.079	75	111116	66.513 ug/l #		9
84) 1,2,4-Trimethylbenzene	11.750	105	9768	0.749 ug/l		99
85) sec-Butylbenzene	11.890	105	3240	0.206 ug/l		92
86) p-Isopropyltoluene	11.969	119	3933	0.298 ug/l		94
89) n-Butylbenzene	12.335	91	14614	1.244 ug/l #		74
90) Hexachloroethane	12.530	117	904	0.370 ug/l #		15
95) Naphthalene	13.780	128	10746	0.741 ug/l #		82

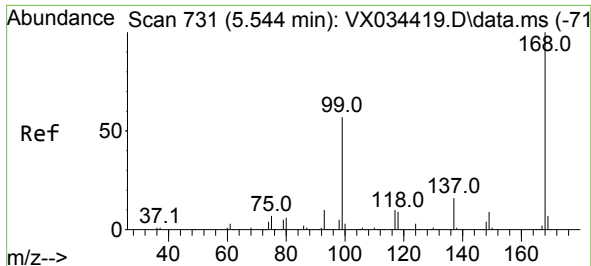
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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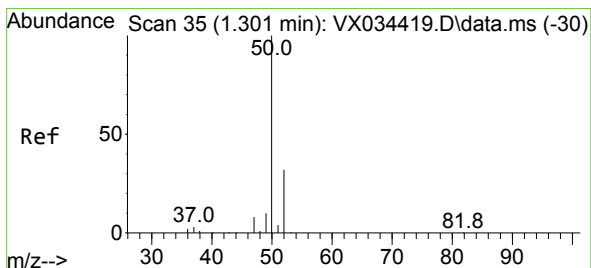
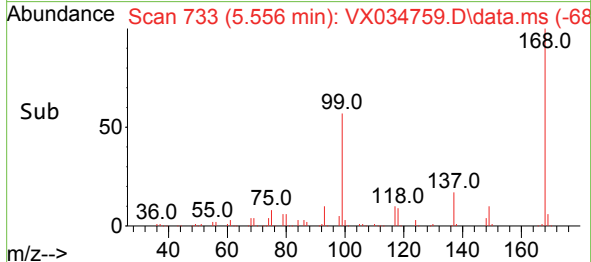
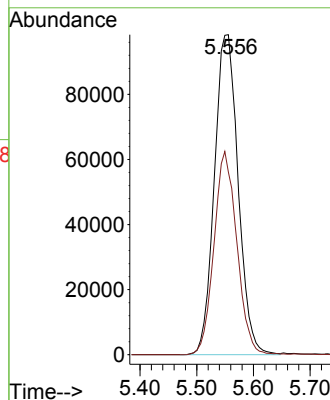
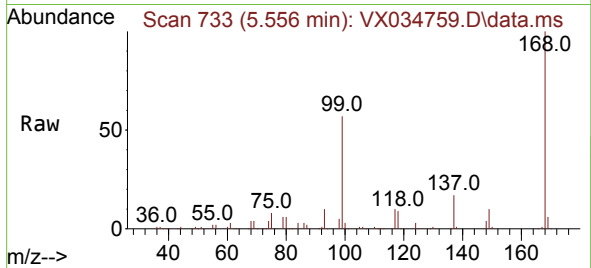




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

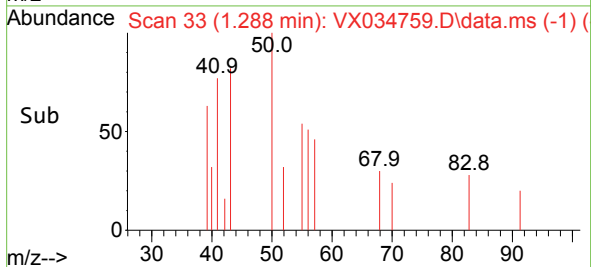
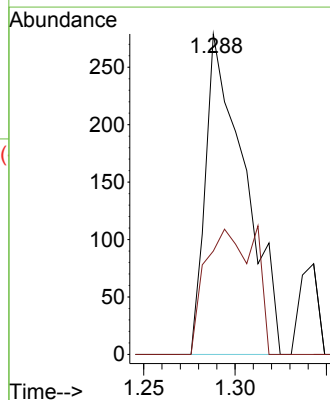
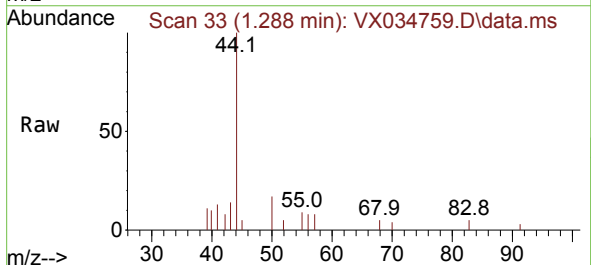
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

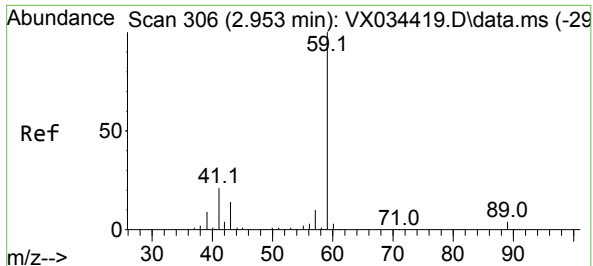
Tgt Ion:168 Resp: 285946
Ion Ratio Lower Upper
168 100
99 57.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9





#11

Tert butyl alcohol

Concen: 2.371 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034759.D

Acq: 27 Mar 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

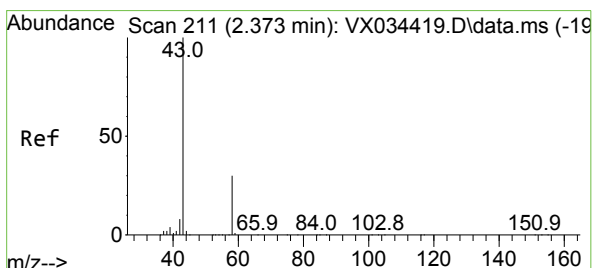
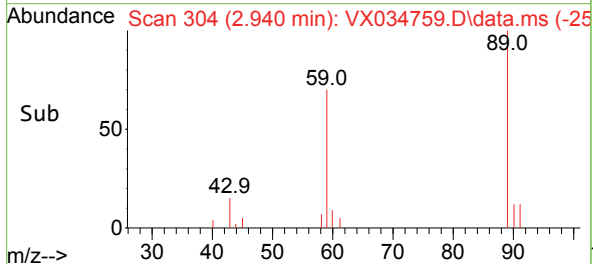
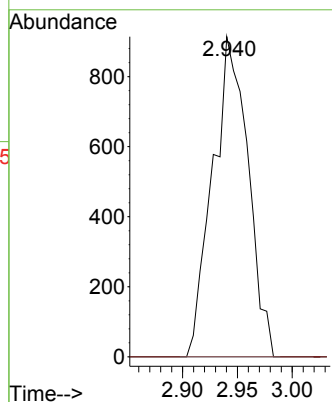
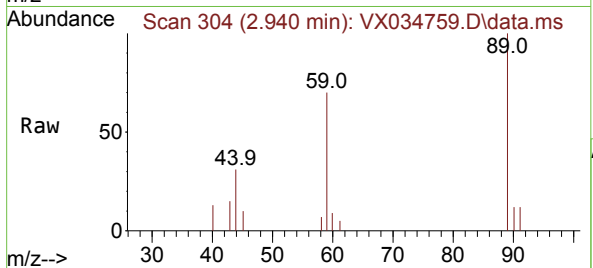
TRE-1715

Tgt Ion: 59 Resp: 2054

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 3.175 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034759.D

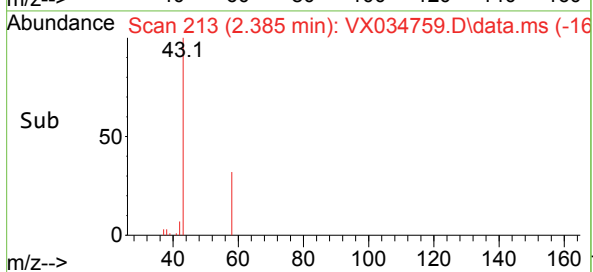
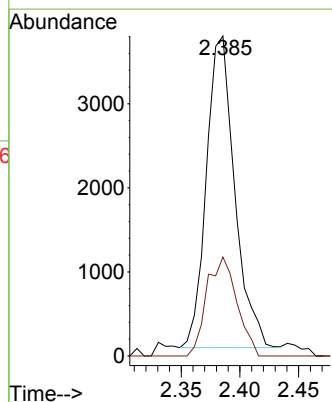
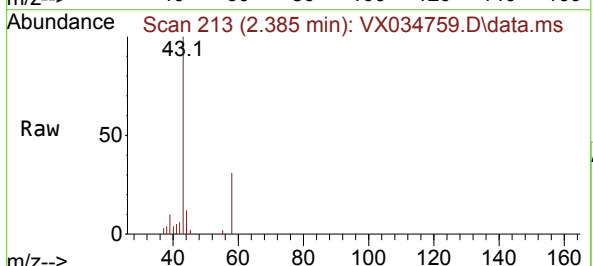
Acq: 27 Mar 2023 18:55

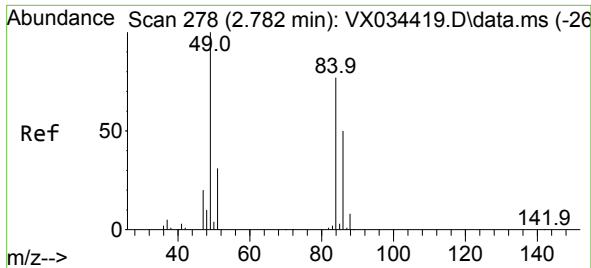
Tgt Ion: 43 Resp: 6222

Ion Ratio Lower Upper

43 100

58 31.8 24.7 37.1

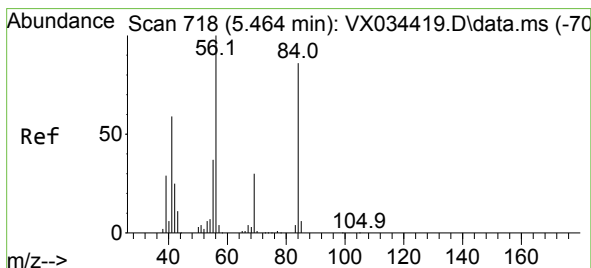
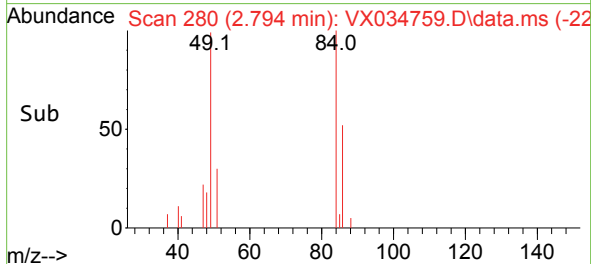
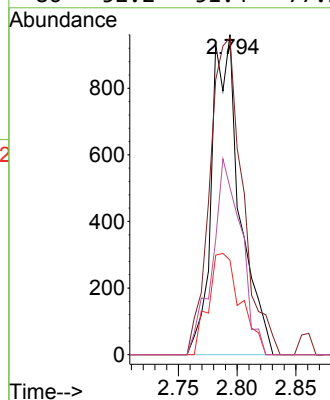
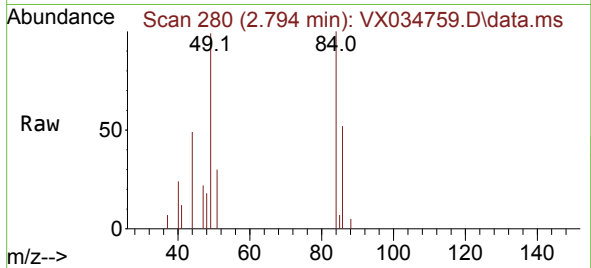




#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

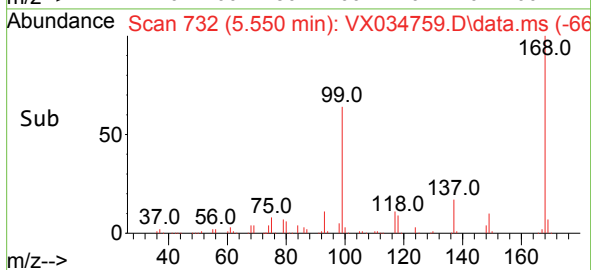
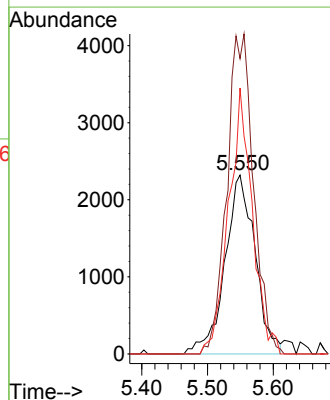
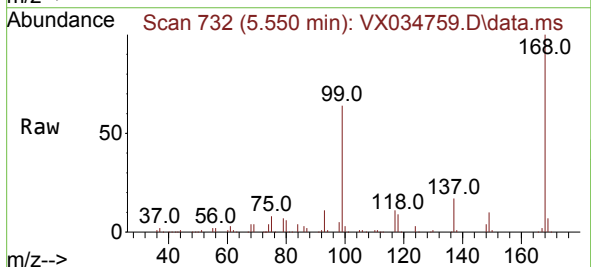
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

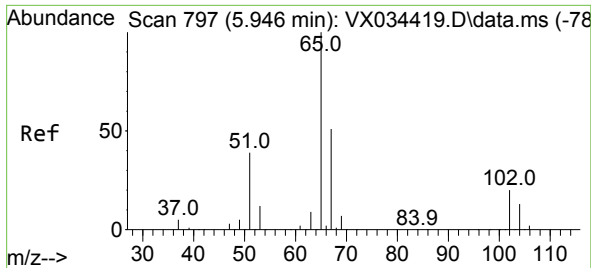
Tgt Ion:	84	Resp:	1603
Ion	Ratio	Lower	Upper
84	100		
49	99.1	103.8	155.8#
51	29.6	31.8	47.8#
86	52.2	51.4	77.2



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

Tgt Ion:	56	Resp:	7385
Ion	Ratio	Lower	Upper
56	100		
69	165.2	23.7	35.5#
84	148.7	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.251 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034759.D

Acq: 27 Mar 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

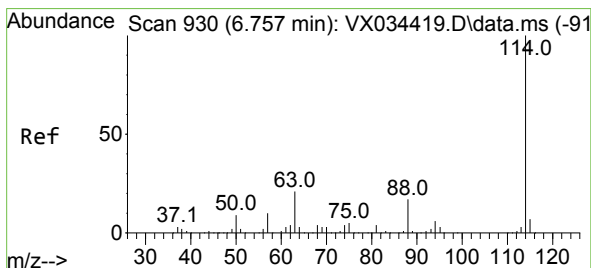
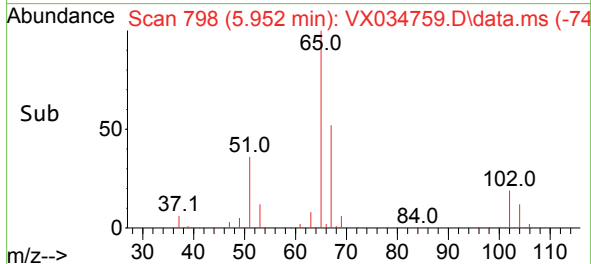
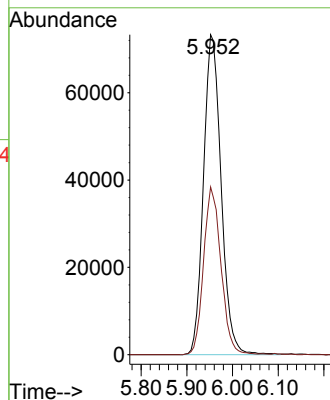
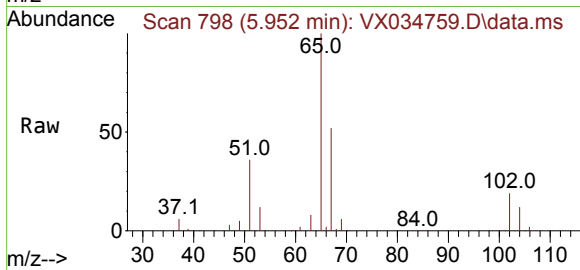
TRE-1715

Tgt Ion: 65 Resp: 196561

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034759.D

Acq: 27 Mar 2023 18:55

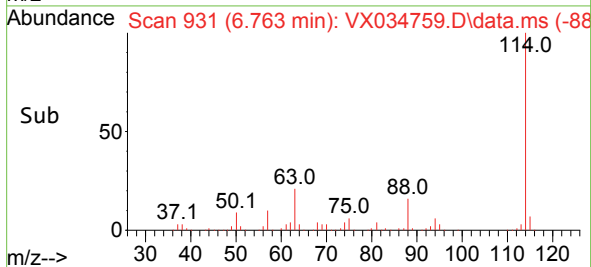
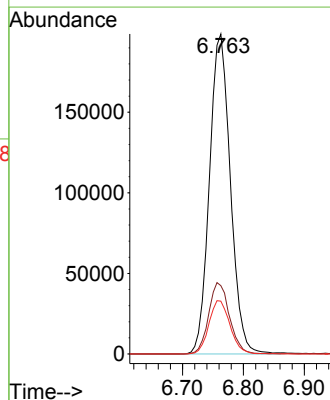
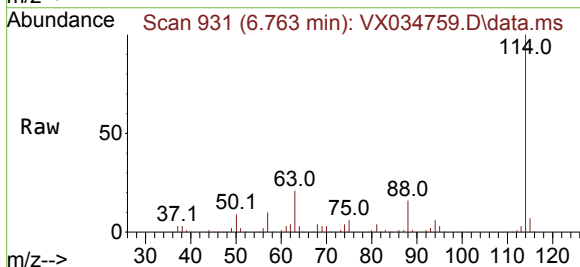
Tgt Ion:114 Resp: 474720

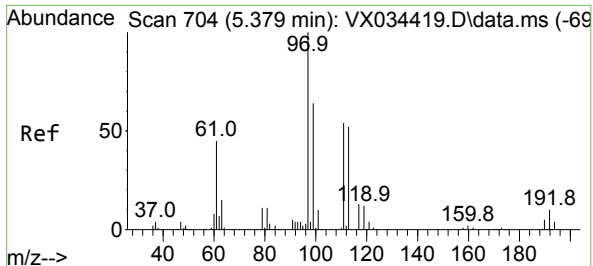
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 16.5 0.0 33.2

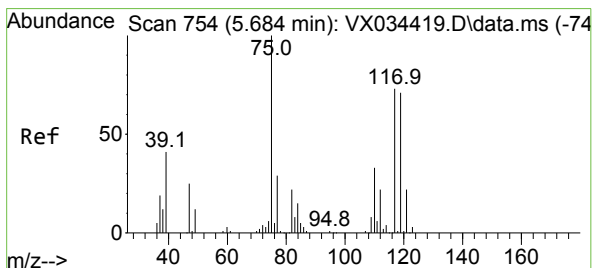
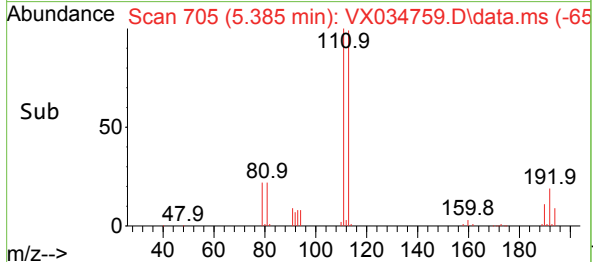
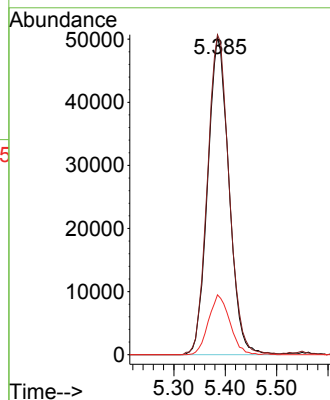
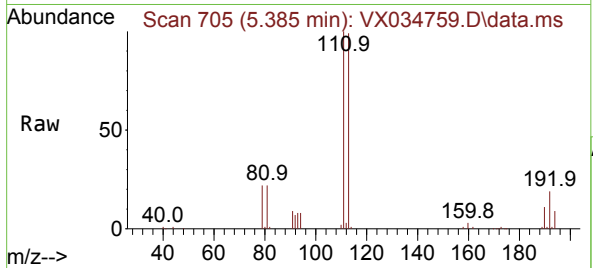




#35
Dibromofluoromethane
Concen: 46.068 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

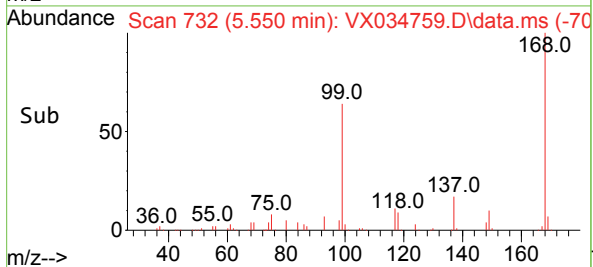
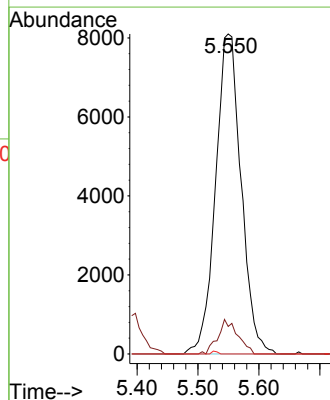
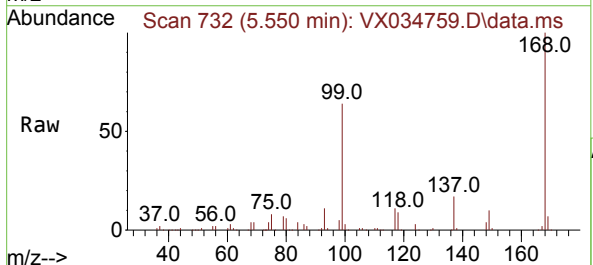
Instrument :
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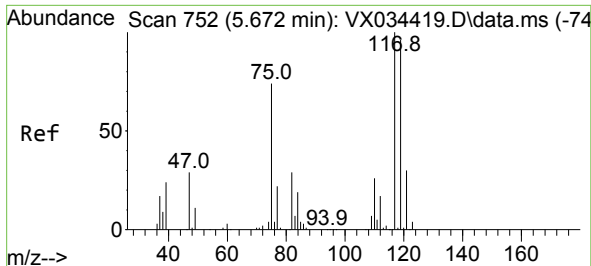
Tgt Ion:113 Resp: 144392
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

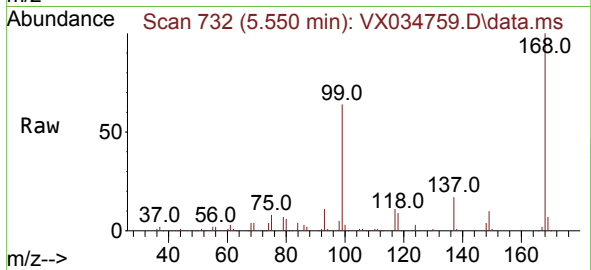
Tgt Ion: 75 Resp: 23569
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



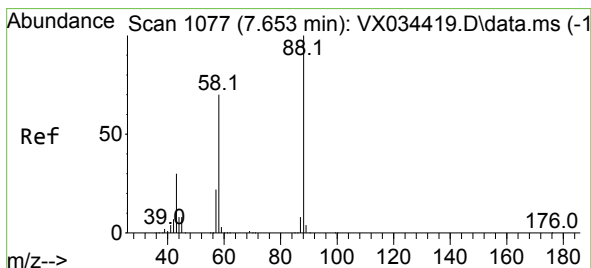
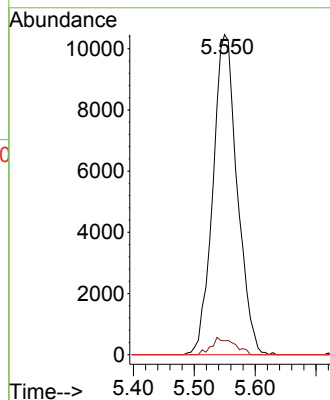
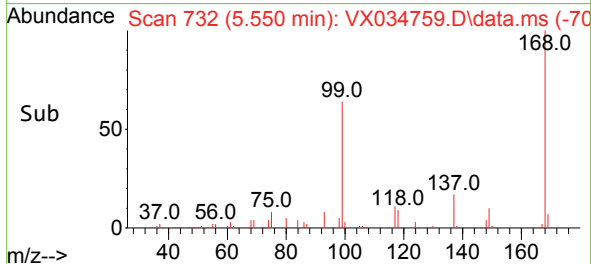


#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

Instrument :
MSVOA_X
ClientSampleId :
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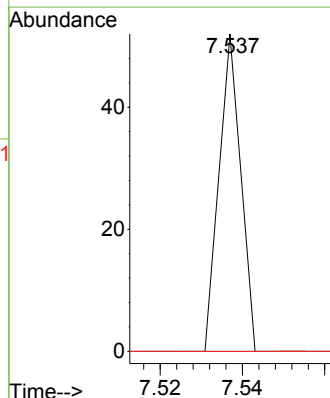
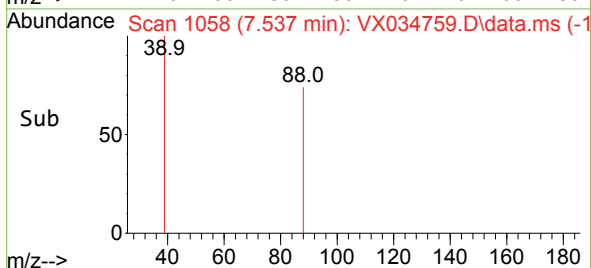
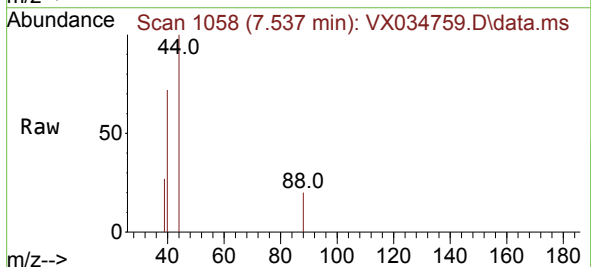


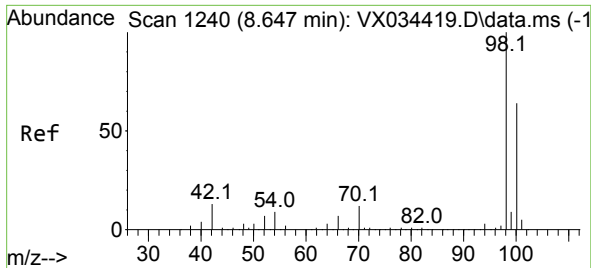
Tgt Ion:117 Resp: 29092
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 0.211 ug/l
RT: 7.537 min Scan# 1058
Delta R.T. -0.116 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

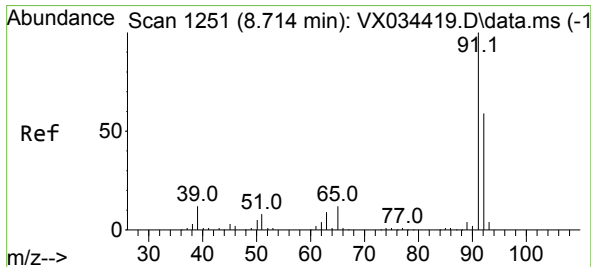
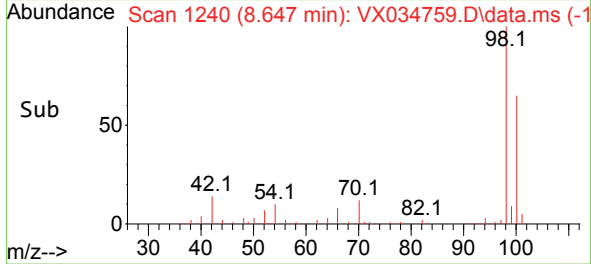
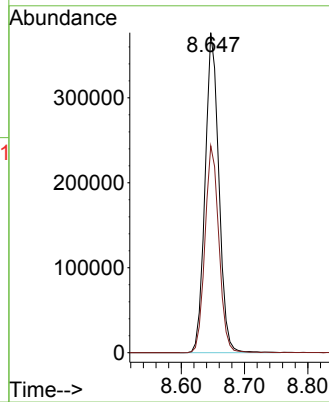
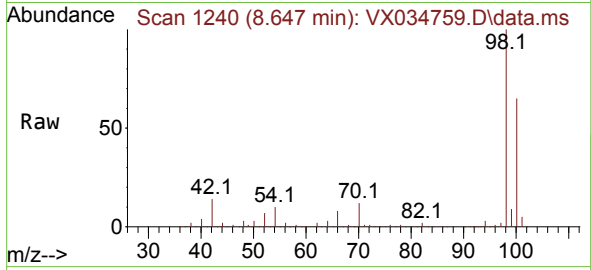




#50
Toluene-d8
Concen: 48.765 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

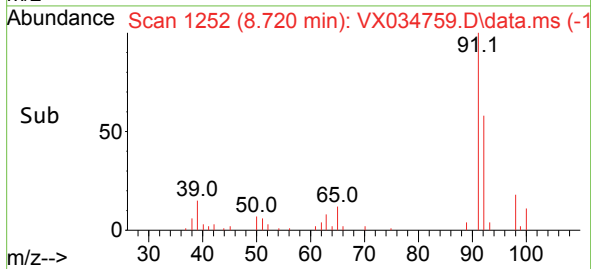
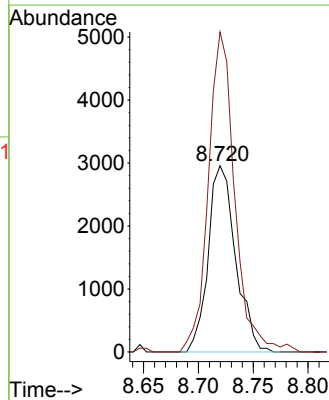
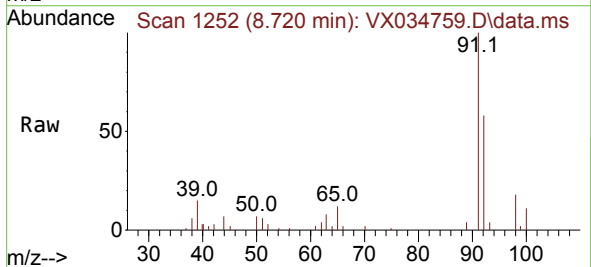
Instrument :
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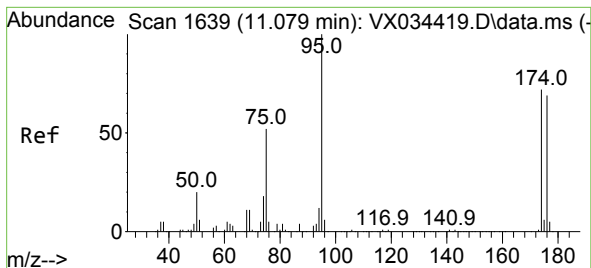
Tgt Ion: 98 Resp: 570581
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 0.591 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

Tgt Ion: 92 Resp: 5153
Ion Ratio Lower Upper
92 100
91 165.3 136.8 205.2

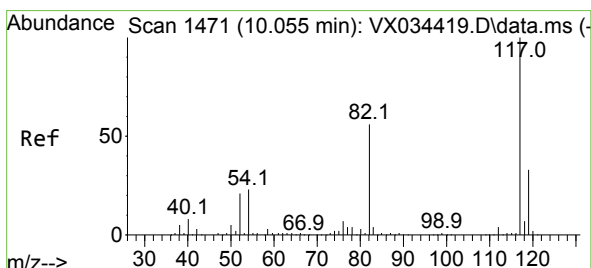
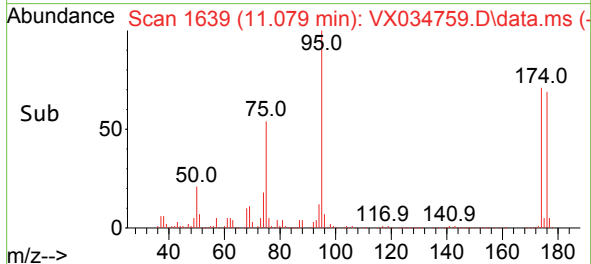
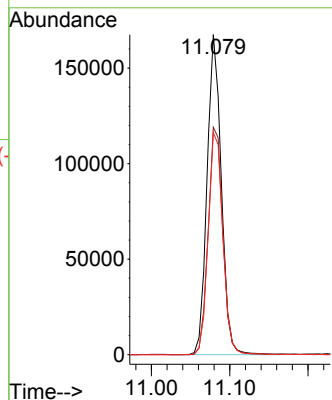
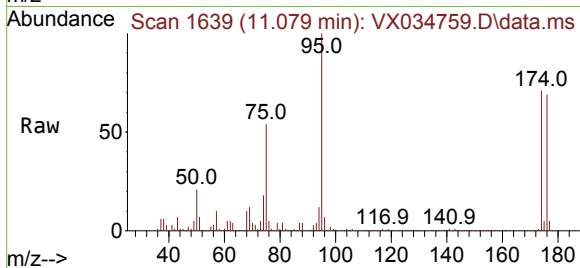




#62
4-Bromofluorobenzene
Concen: 44.586 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

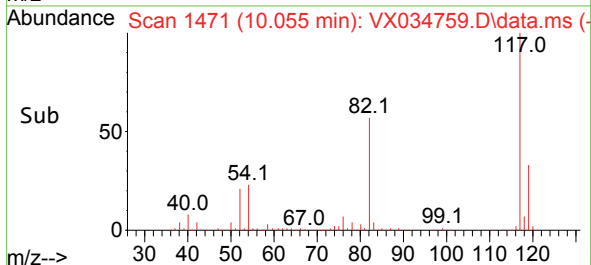
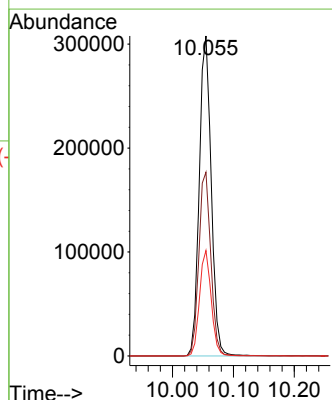
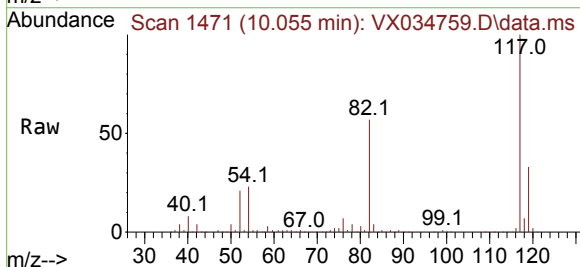
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

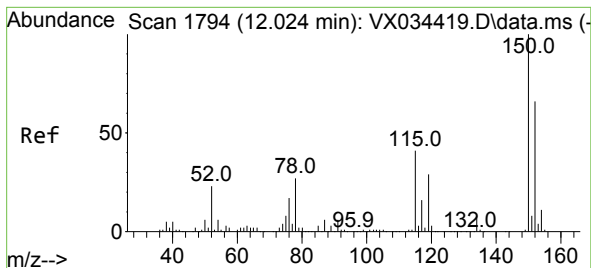
Tgt Ion: 95 Resp: 210719
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 71.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

Tgt Ion: 117 Resp: 419327
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 33.0 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: VX034759.D

Acq: 27 Mar 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

TRE-1715

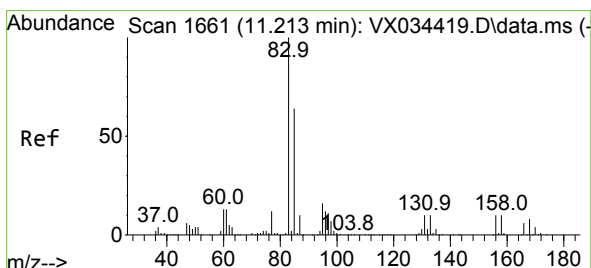
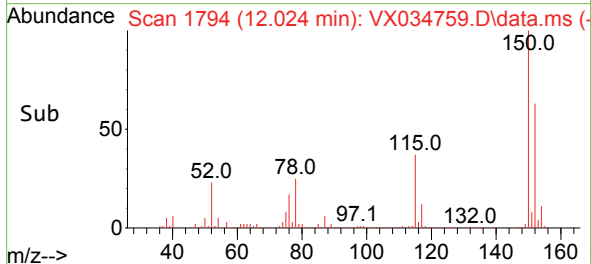
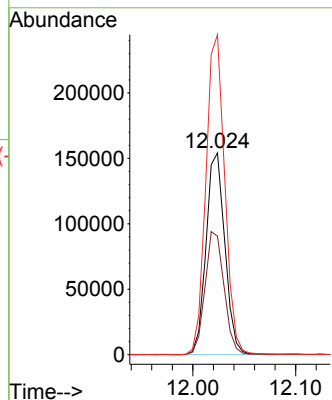
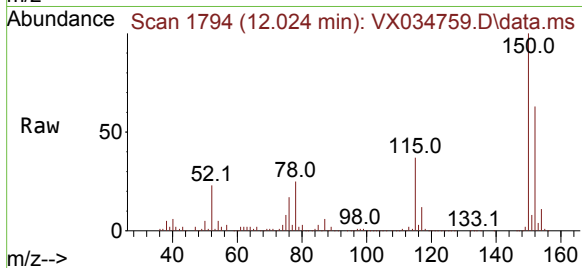
Tgt Ion:152 Resp: 196830

Ion Ratio Lower Upper

152 100

115 61.5 45.0 135.0

150 158.9 0.0 352.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.218 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX034759.D

Acq: 27 Mar 2023 18:55

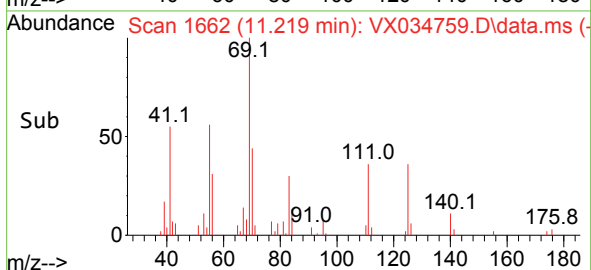
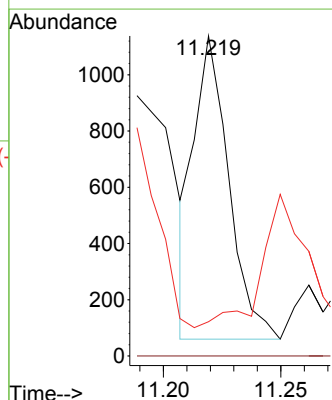
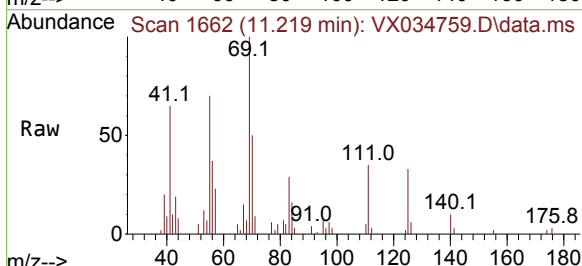
Tgt Ion: 83 Resp: 1108

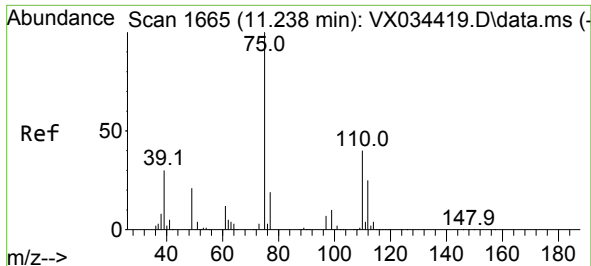
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.0 96.0#

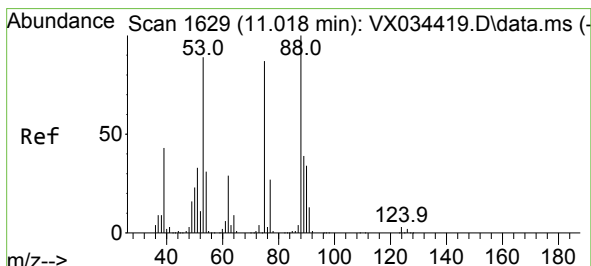
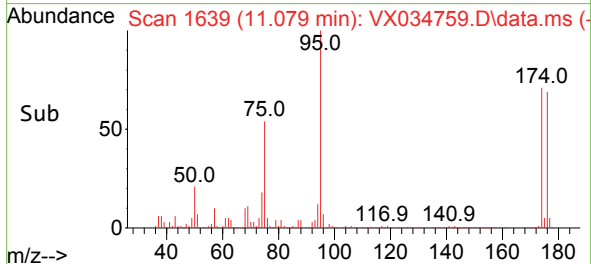
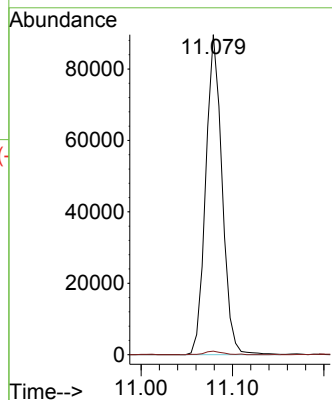
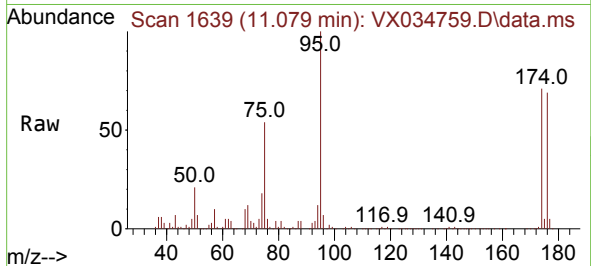




#76
1,2,3-Trichloropropane
Concen: 24.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

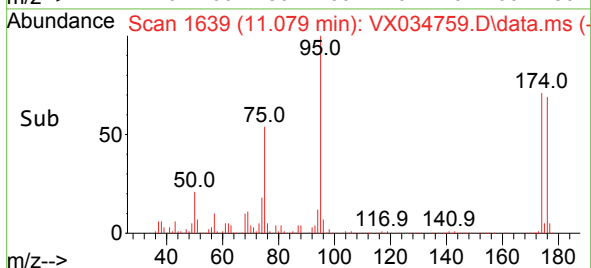
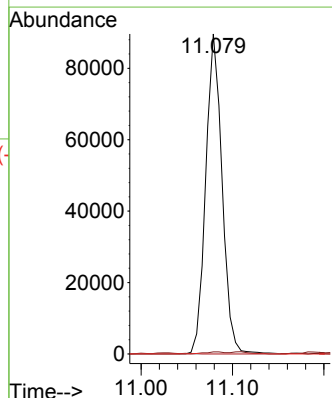
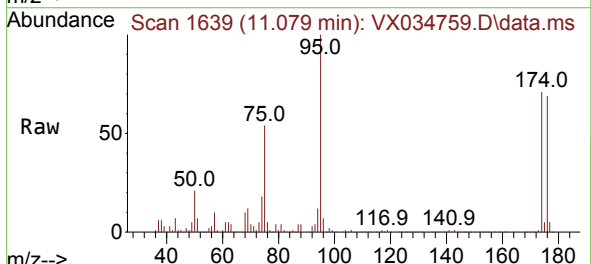
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

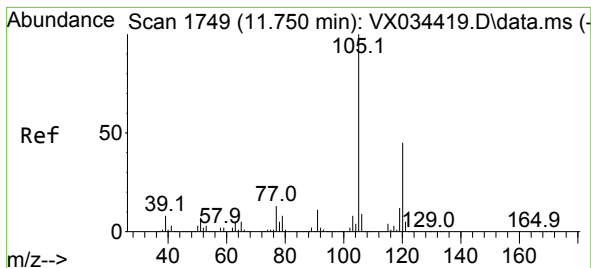
Tgt Ion: 75 Resp: 111116
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

Tgt Ion: 75 Resp: 111116
Ion Ratio Lower Upper
75 100
53 0.6 82.6 124.0#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.749 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034759.D

Acq: 27 Mar 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

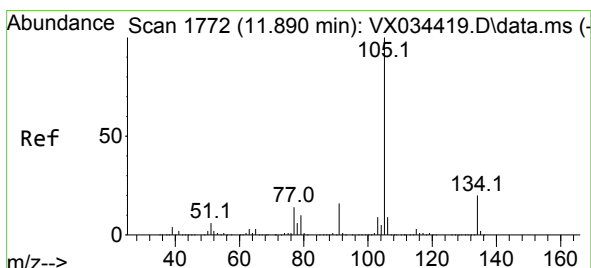
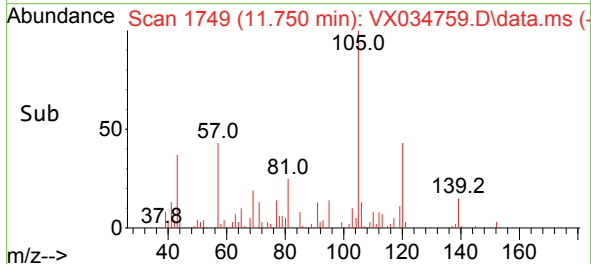
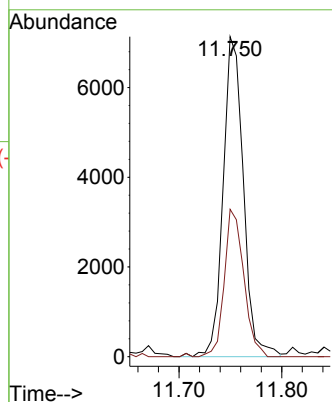
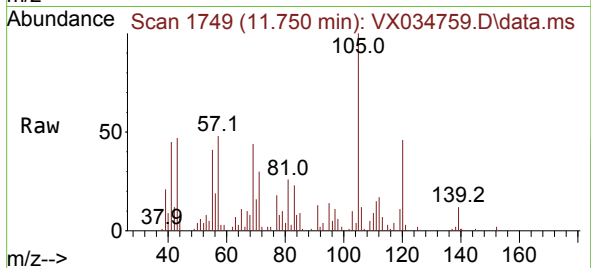
TRE-1715

Tgt Ion:105 Resp: 9768

Ion Ratio Lower Upper

105 100

120 44.2 22.4 67.0



#85

sec-Butylbenzene

Concen: 0.206 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX034759.D

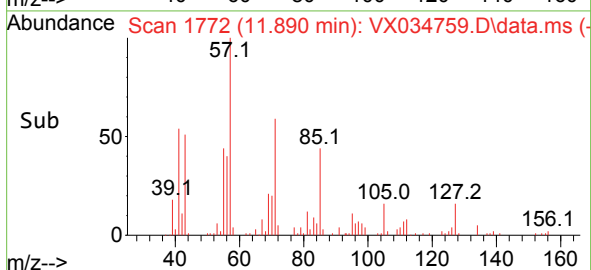
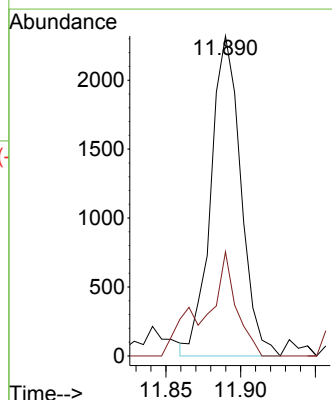
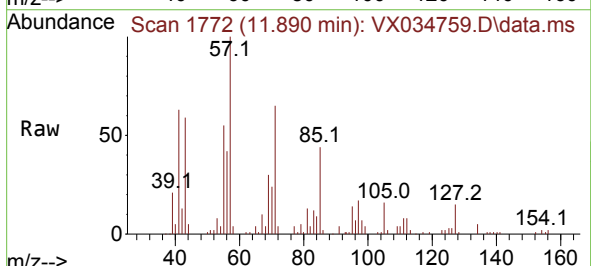
Acq: 27 Mar 2023 18:55

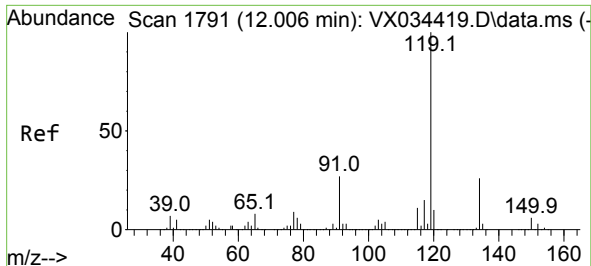
Tgt Ion:105 Resp: 3240

Ion Ratio Lower Upper

105 100

134 23.9 10.2 30.4

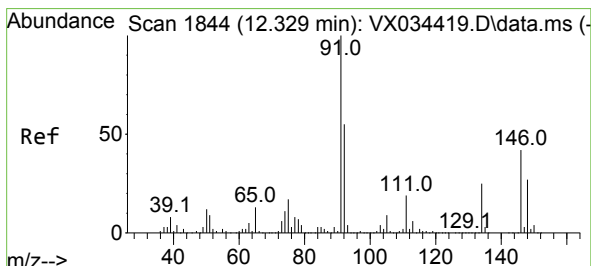
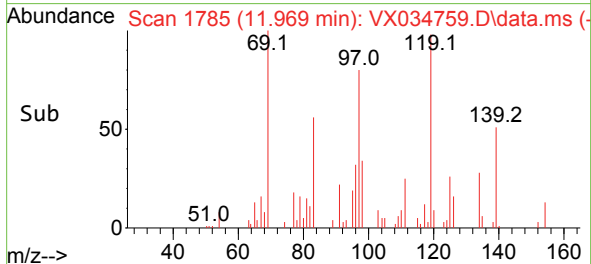
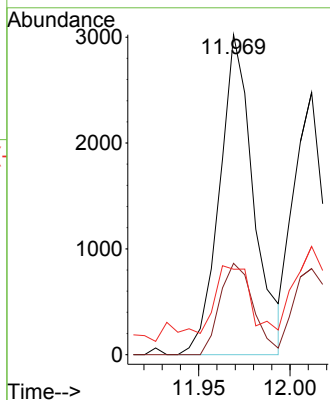
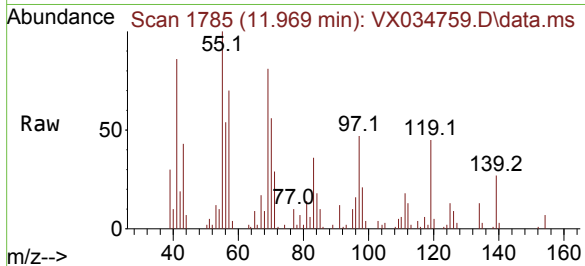




#86
p-Isopropyltoluene
Concen: 0.298 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.037 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

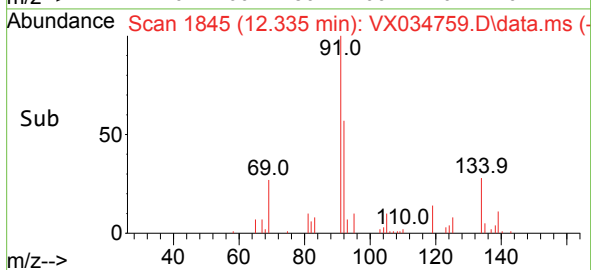
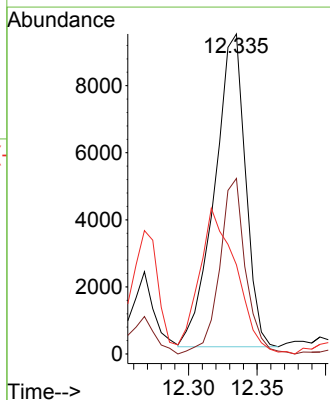
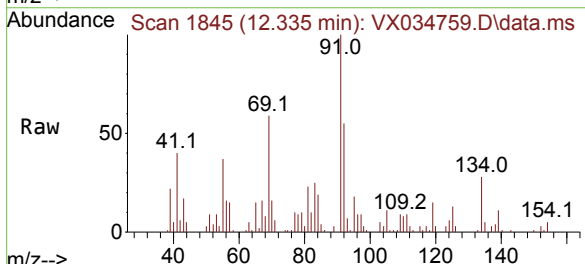
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

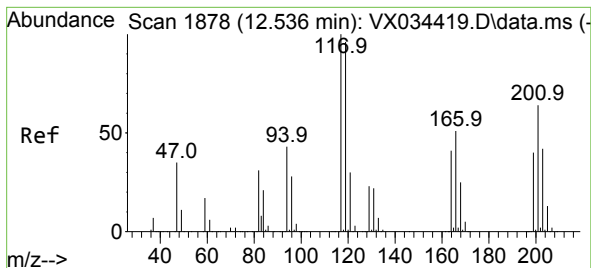
Tgt Ion:119 Resp: 3933
Ion Ratio Lower Upper
119 100
134 28.1 13.2 39.5
91 21.1 12.9 38.7



#89
n-Butylbenzene
Concen: 1.244 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034759.D
Acq: 27 Mar 2023 18:55

Tgt Ion: 91 Resp: 14614
Ion Ratio Lower Upper
91 100
92 47.3 27.7 83.0
134 55.8 13.0 38.9#





#90

Hexachloroethane

Concen: 0.370 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX034759.D

Acq: 27 Mar 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

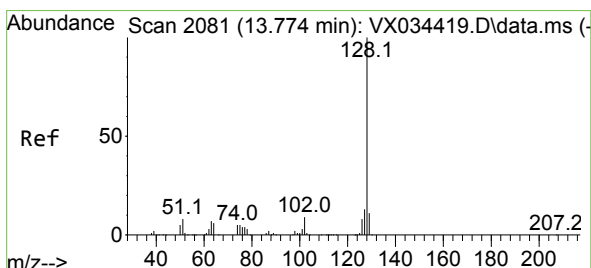
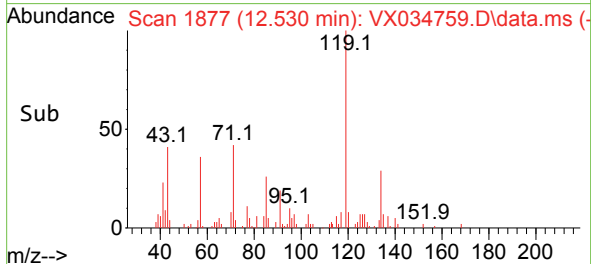
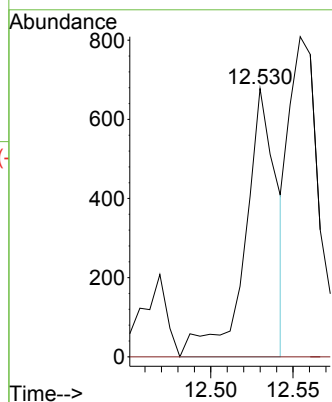
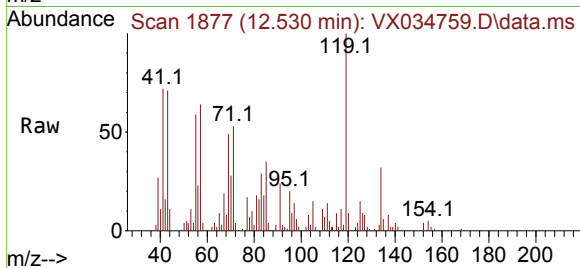
TRE-1715

Tgt Ion:117 Resp: 904

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#95

Naphthalene

Concen: 0.741 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX034759.D

Acq: 27 Mar 2023 18:55

Tgt Ion:128 Resp: 10746

Ion Ratio Lower Upper

128 100

127 17.7 10.2 15.4#

129 20.2 8.6 13.0#

