

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034755.D
 Acq On : 27 Mar 2023 17:22
 Operator : JC/MD
 Sample : 02073-04 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1660

Quant Time: Mar 28 03:21:54 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	239932	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	408670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159935	45.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.640%
35) Dibromofluoromethane	5.385	113	123979	45.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.900%
50) Toluene-d8	8.647	98	480541	47.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.420%
62) 4-Bromofluorobenzene	11.079	95	164511	40.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.860%#

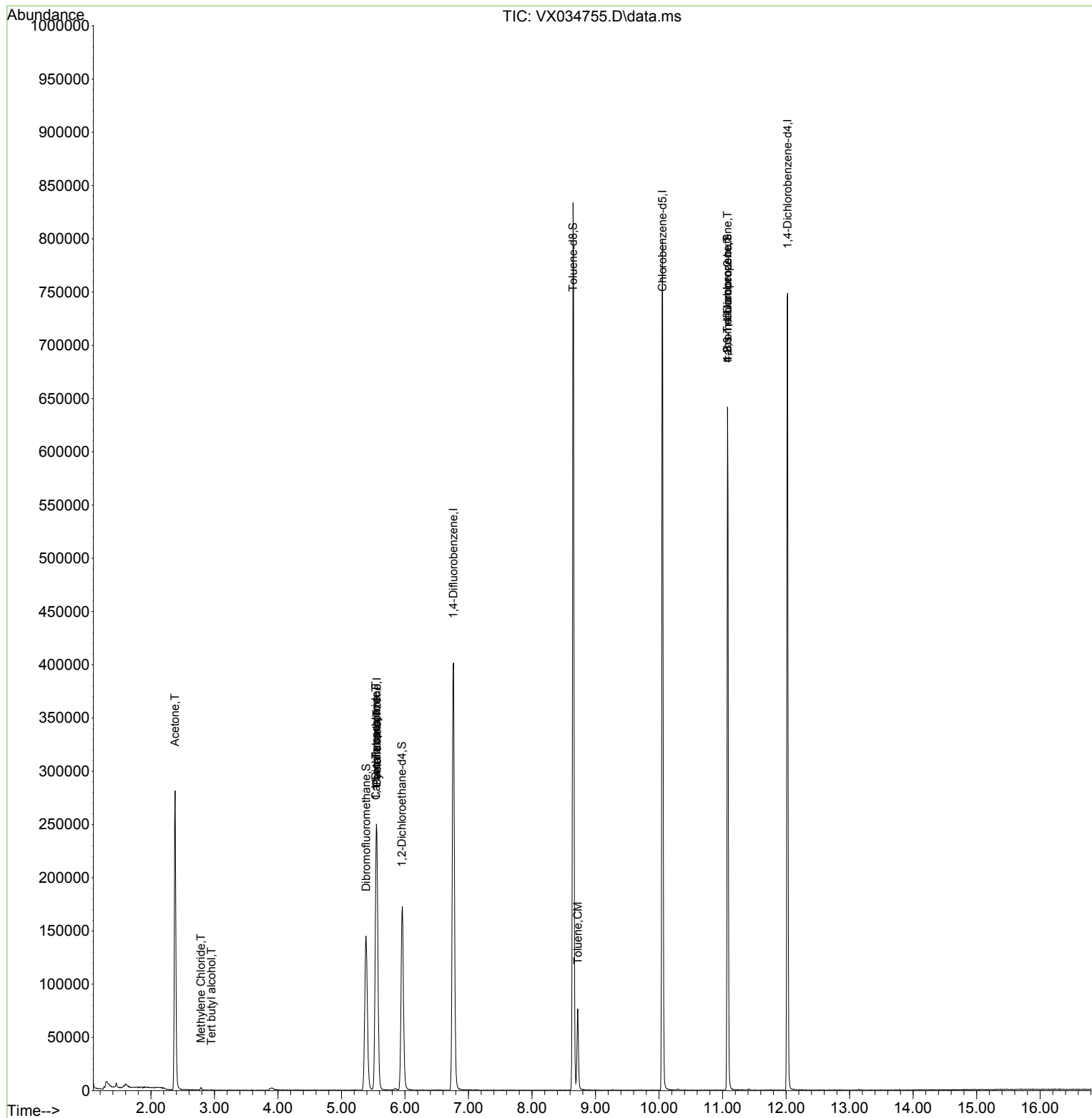
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	750	Below Cal	#	42
11) Tert butyl alcohol	2.953	59	198	0.272	ug/l #	73
16) Acetone	2.380	43	299728	182.293	ug/l	99
20) Methylene Chloride	2.788	84	1053	0.330	ug/l #	79
31) Cyclohexane	5.556	56	5610	1.146	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	19515	4.709	ug/l #	50
38) Carbon Tetrachloride	5.544	117	23809	5.775	ug/l #	16
52) Toluene	8.720	92	27554	3.671	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	87949	24.826	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87949	67.162	ug/l #	8

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

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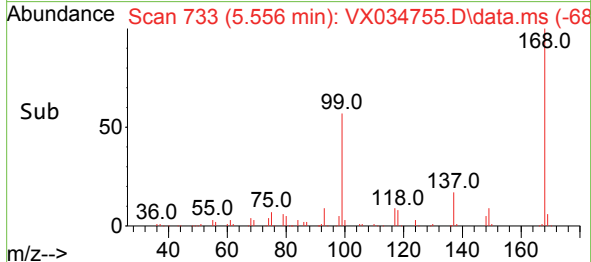
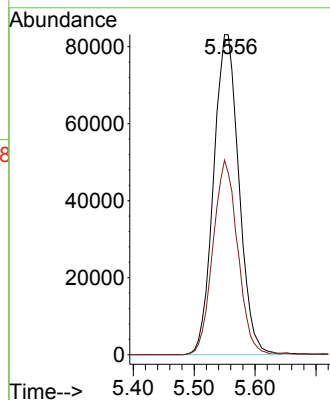
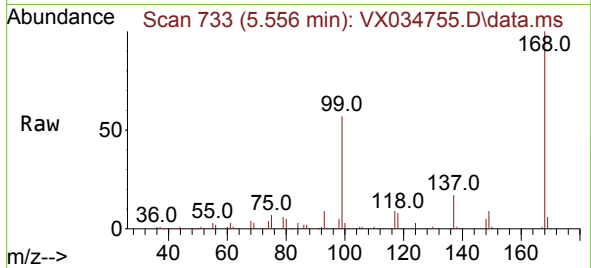




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

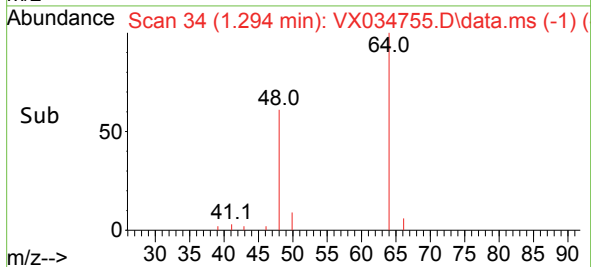
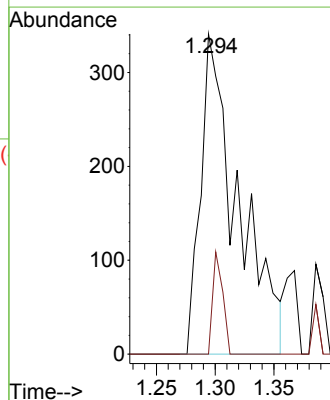
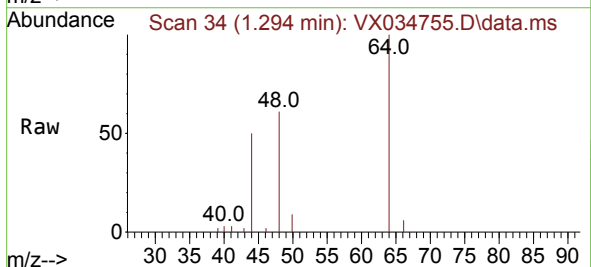
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

Tgt Ion:168 Resp: 239932
Ion Ratio Lower Upper
168 100
99 56.9 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Tgt Ion: 50 Resp: 750
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

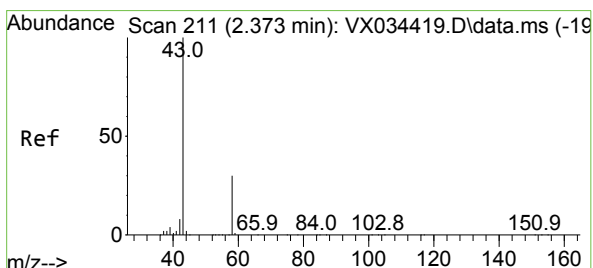
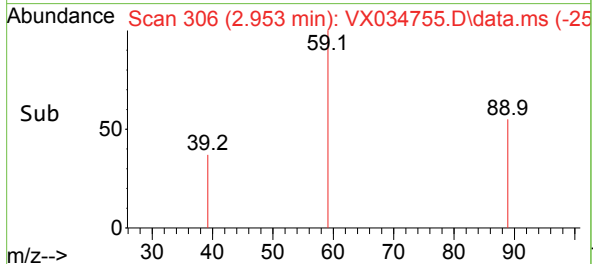
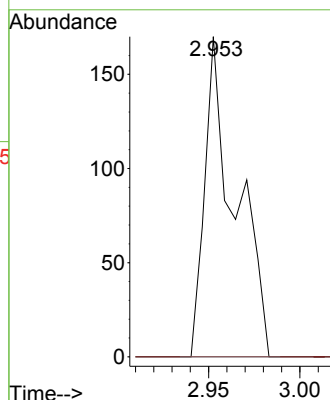
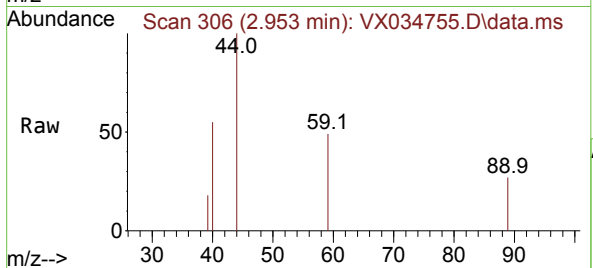




#11
Tert butyl alcohol
Concen: 0.272 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

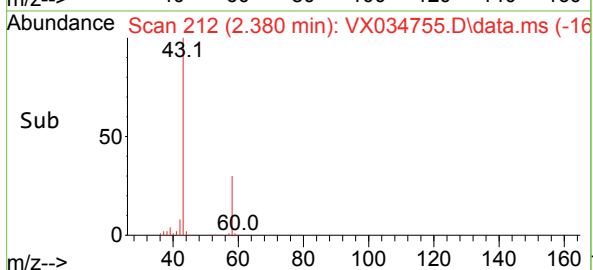
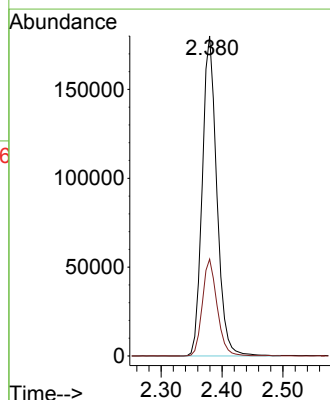
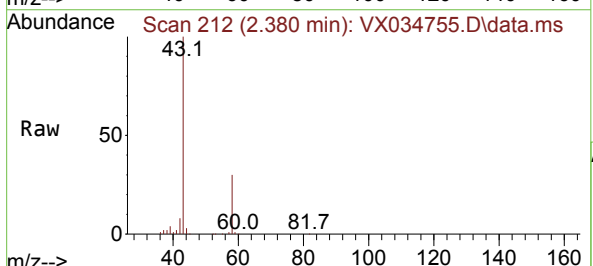
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

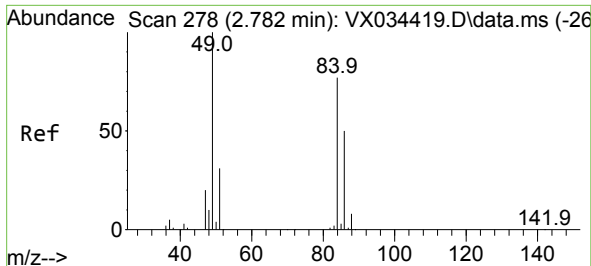
Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 182.293 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Tgt Ion: 43 Resp: 299728
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1

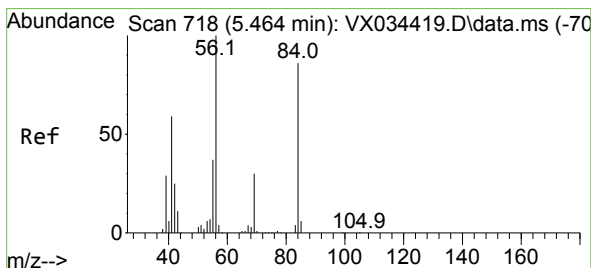
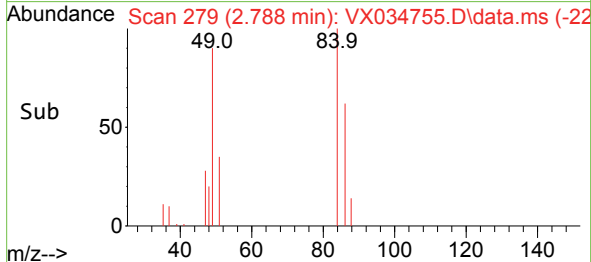
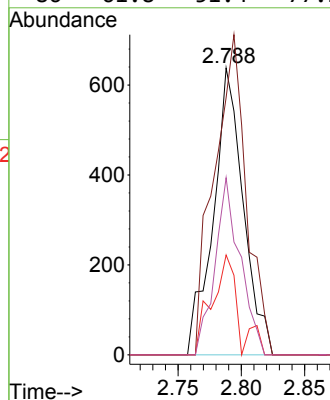
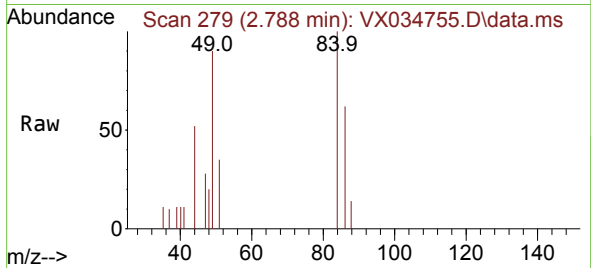




#20
Methylene Chloride
Concen: 0.330 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

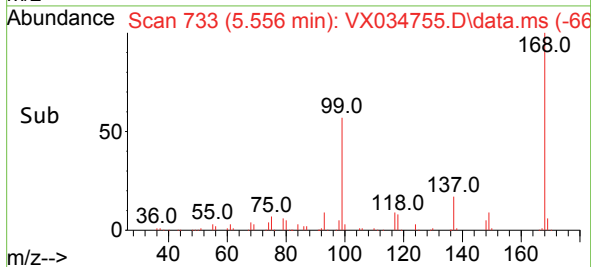
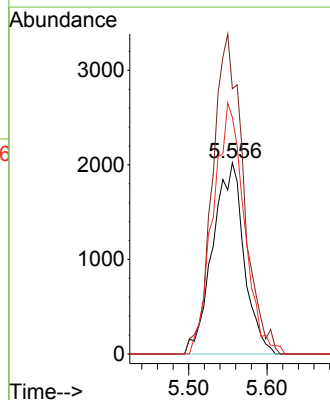
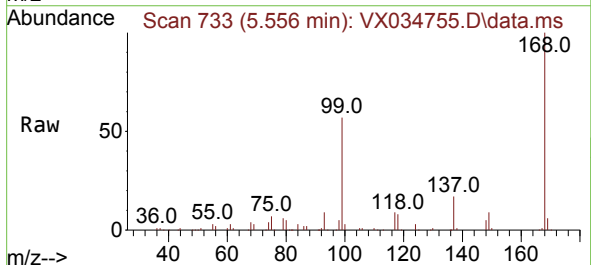
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

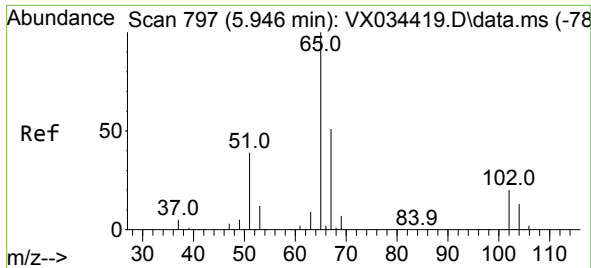
Tgt Ion:	84	Resp:	1053
Ion	Ratio	Lower	Upper
84	100		
49	89.7	103.8	155.8#
51	34.8	31.8	47.8
86	61.8	51.4	77.2



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Tgt Ion:	56	Resp:	5610
Ion	Ratio	Lower	Upper
56	100		
69	138.7	23.7	35.5#
84	123.7	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.820 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034755.D

Acq: 27 Mar 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

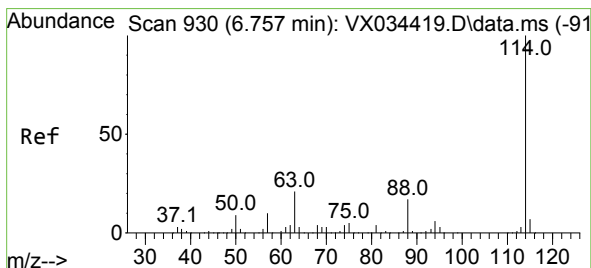
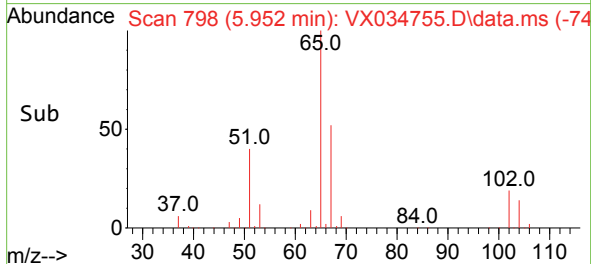
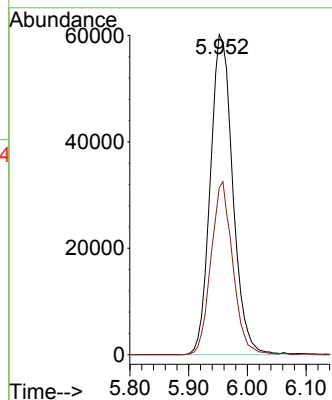
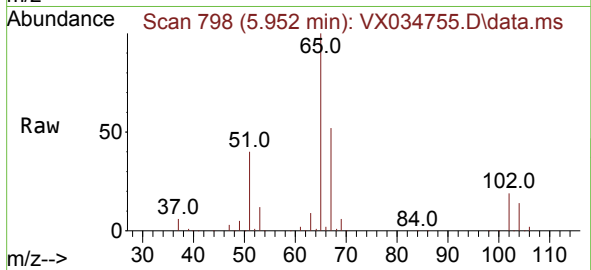
TRE-1660

Tgt Ion: 65 Resp: 159935

Ion Ratio Lower Upper

65 100

67 52.3 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: VX034755.D

Acq: 27 Mar 2023 17:22

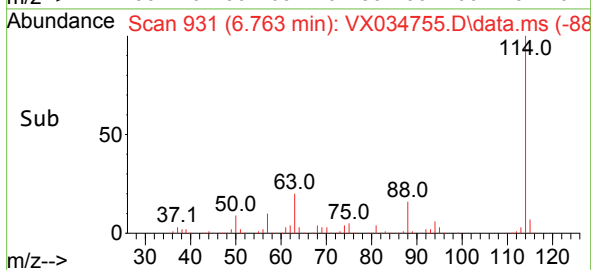
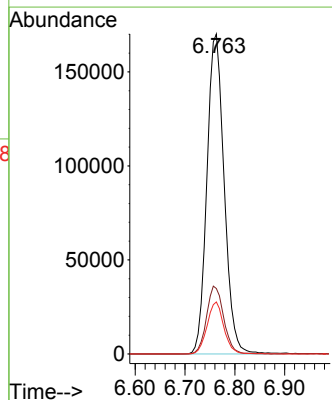
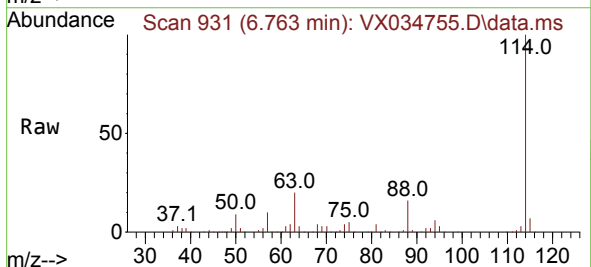
Tgt Ion: 114 Resp: 408670

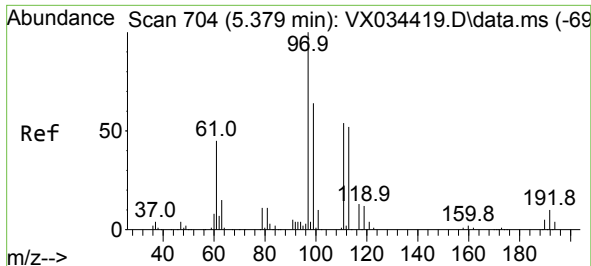
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

88 16.2 0.0 33.2

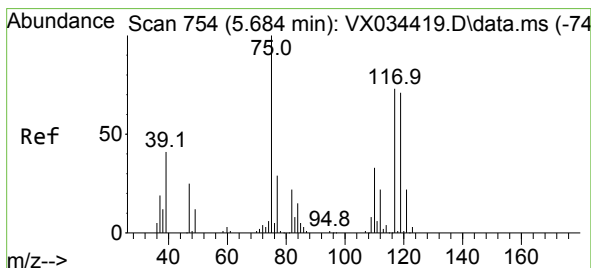
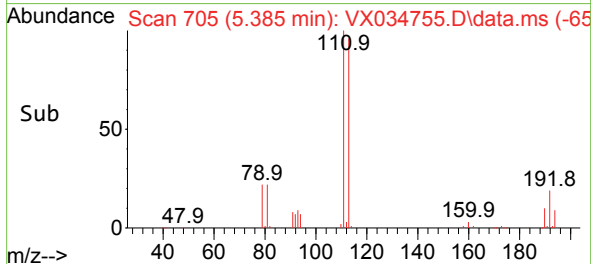
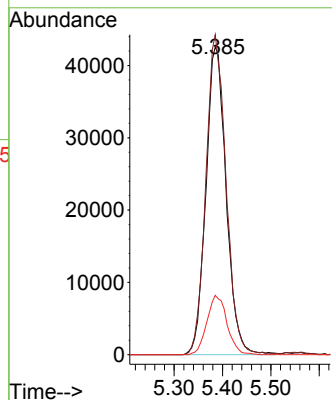
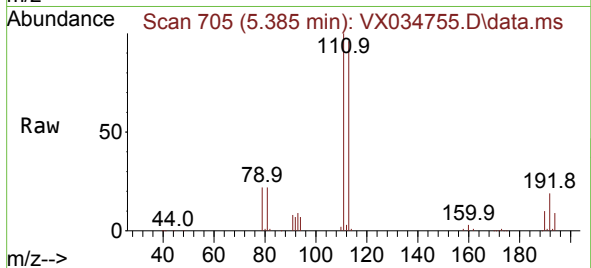




#35
Dibromofluoromethane
Concen: 45.948 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

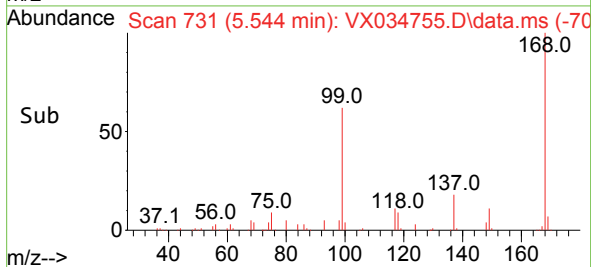
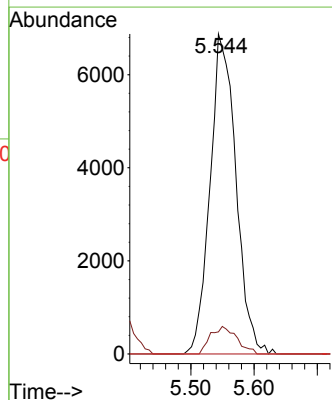
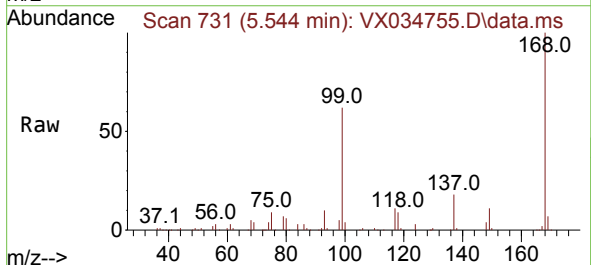
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

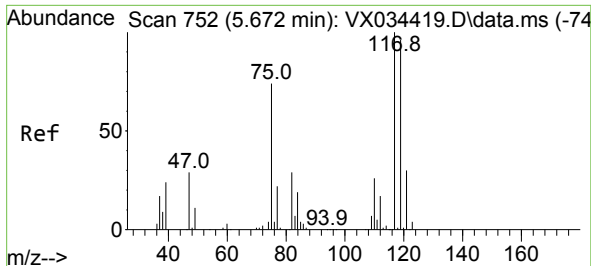
Tgt Ion:113 Resp: 123979
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

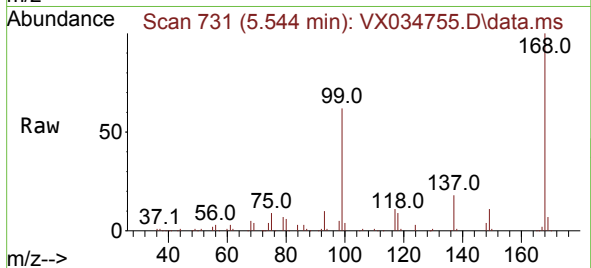
Tgt Ion: 75 Resp: 19515
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



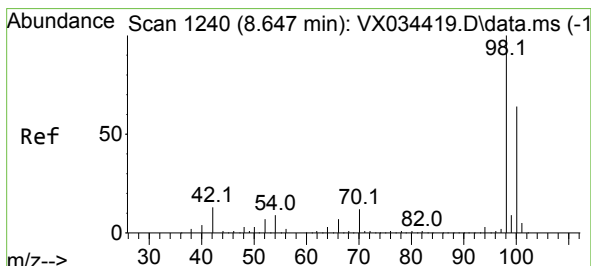
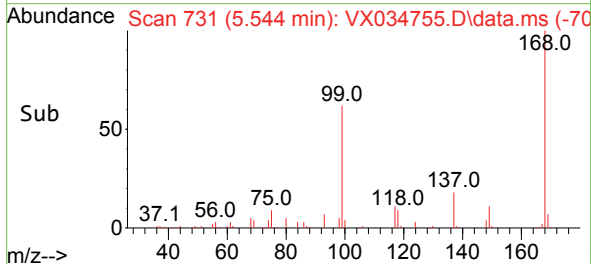
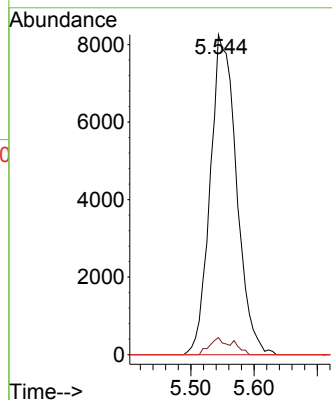


#38
Carbon Tetrachloride
Concen: 5.775 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

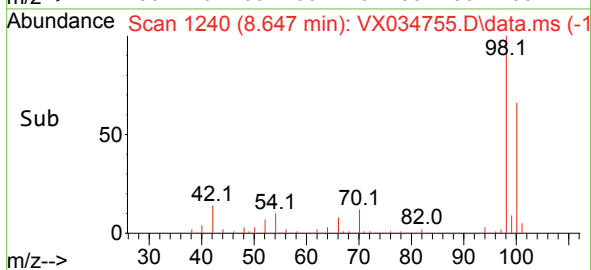
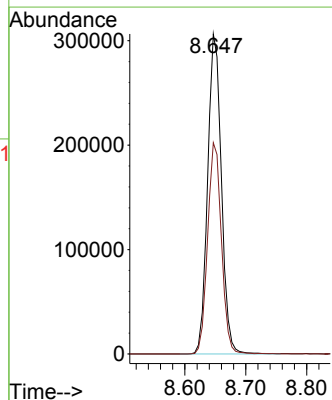
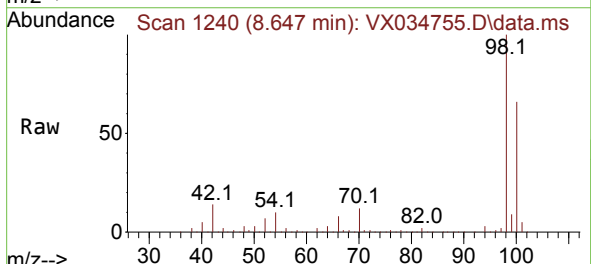


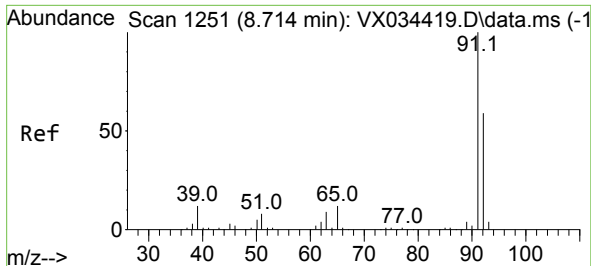
Tgt Ion:117 Resp: 23809
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 47.707 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Tgt Ion: 98 Resp: 480541
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

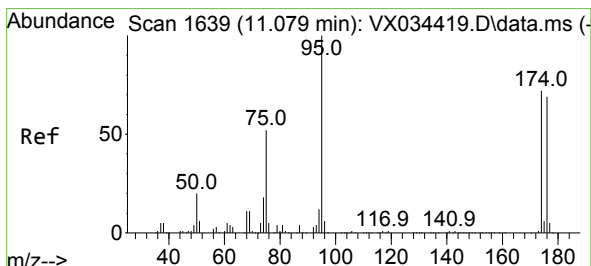
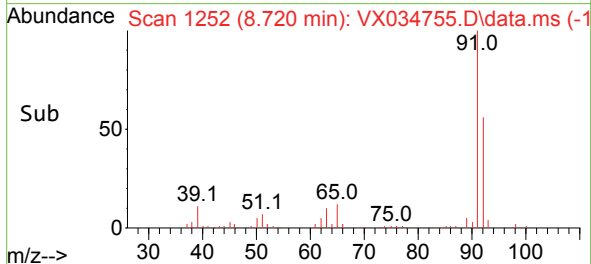
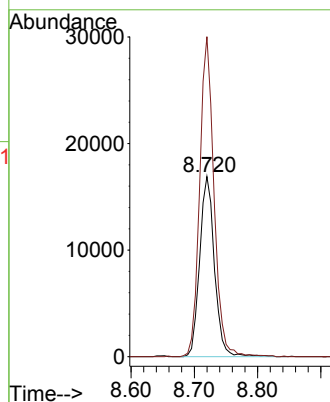
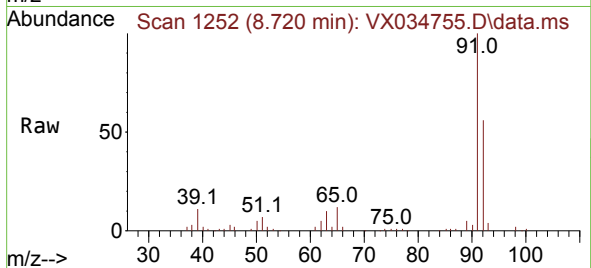




#52
Toluene
Concen: 3.671 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

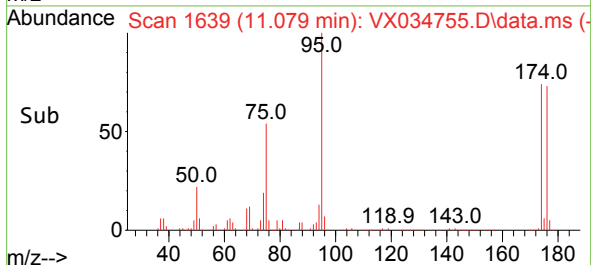
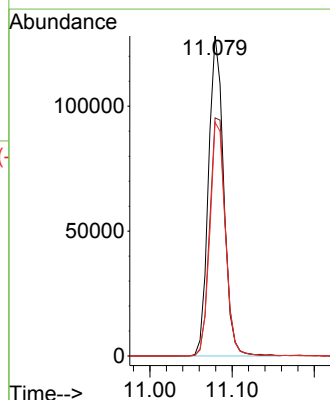
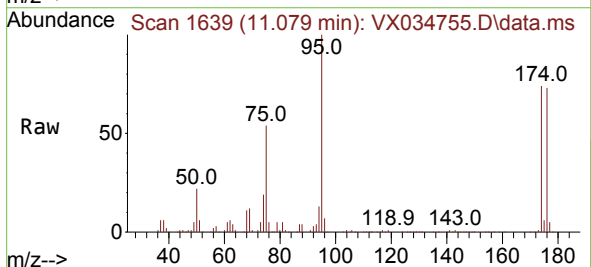
Instrument :
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TRE-1660

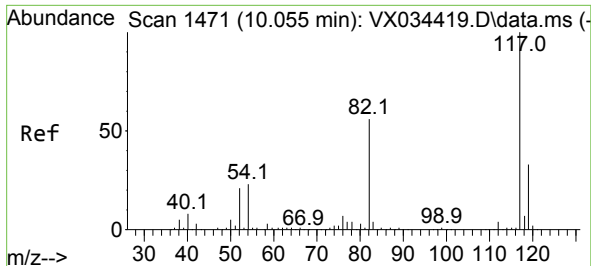
Tgt Ion: 92 Resp: 27554
Ion Ratio Lower Upper
92 100
91 172.4 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 40.434 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Tgt Ion: 95 Resp: 164511
Ion Ratio Lower Upper
95 100
174 77.1 0.0 147.4
176 74.4 0.0 140.6

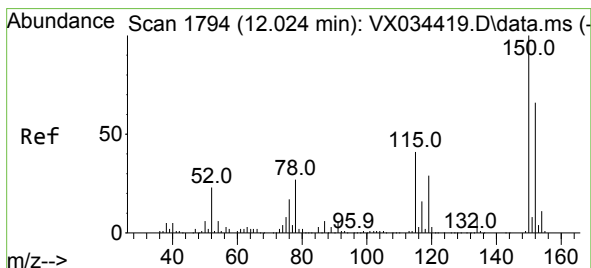
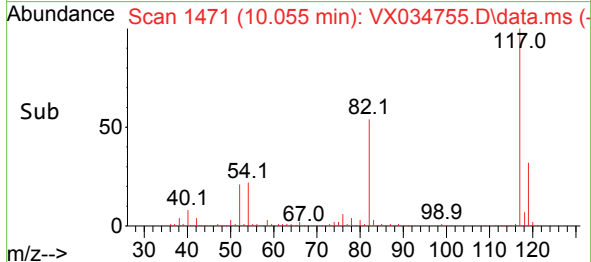
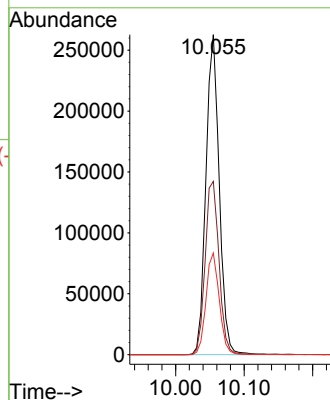
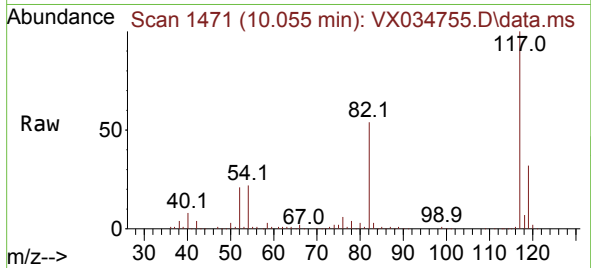




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

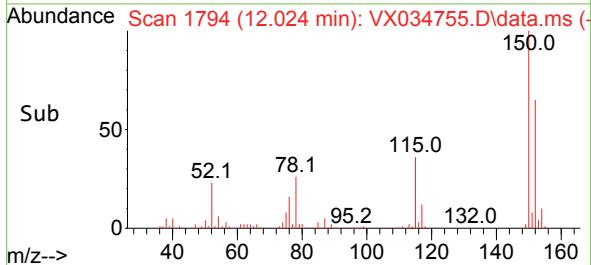
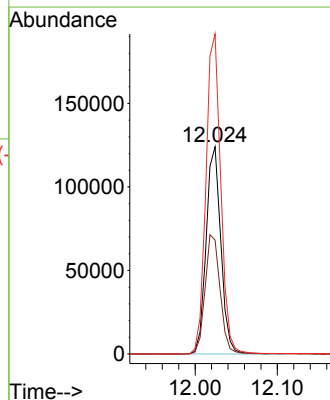
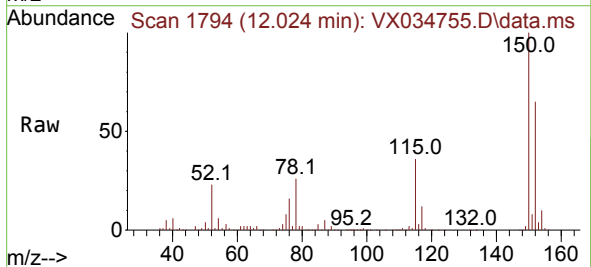
Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

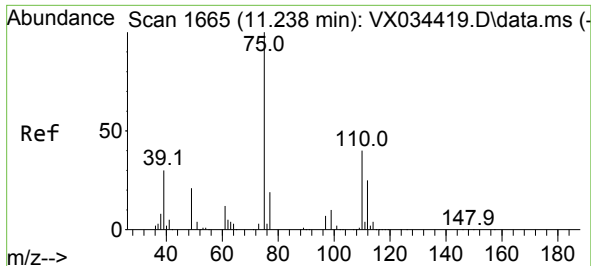
Tgt Ion:117 Resp: 355314
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Tgt Ion:152 Resp: 154286
Ion Ratio Lower Upper
152 100
115 58.6 45.0 135.0
150 155.3 0.0 352.4

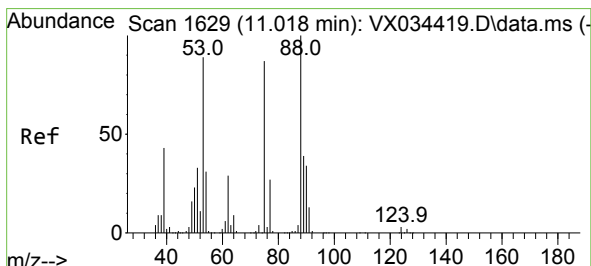
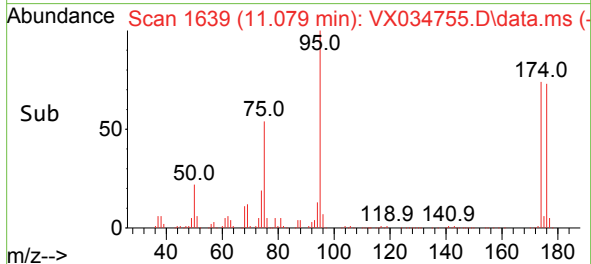
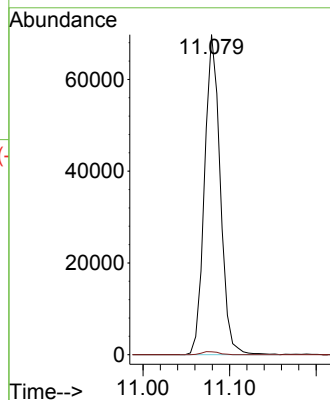
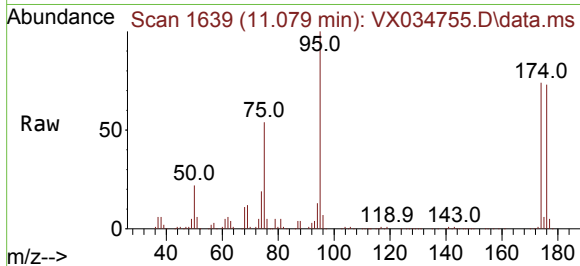




#76
1,2,3-Trichloropropane
Concen: 24.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :
TRE-1660

Tgt Ion: 75 Resp: 87949
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034755.D
Acq: 27 Mar 2023 17:22

Tgt Ion: 75 Resp: 87949
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

