

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026779.D
 Acq On : 07 Feb 2022 13:11
 Operator : JC/MD
 Sample : N1399-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KTS1-GW-MH-02-8-13

Quant Time: Feb 07 23:28:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

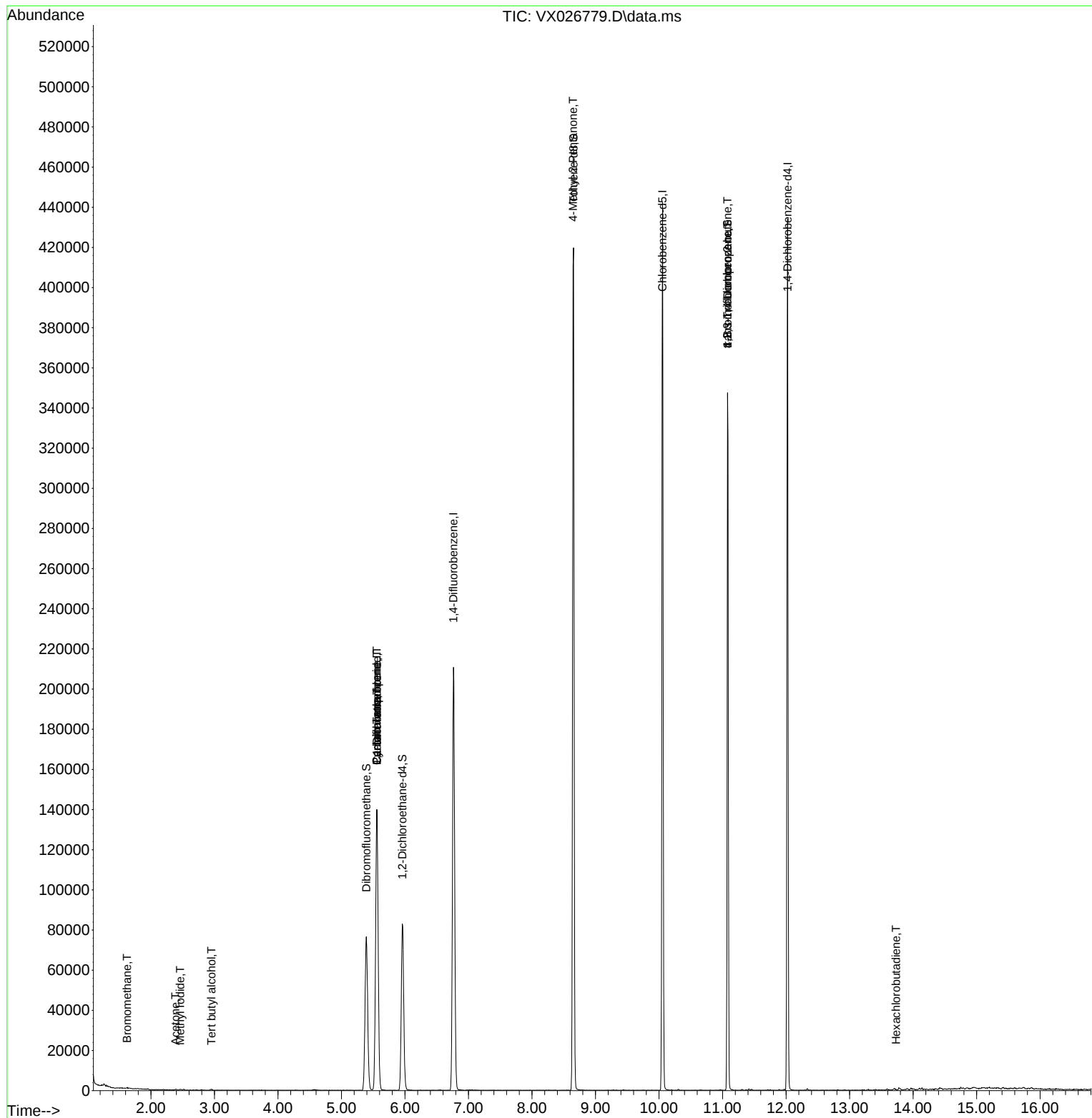
Internal Standards						
1) Pentafluorobenzene	5.556	168	132499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81021	43.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.540%
35) Dibromofluoromethane	5.391	113	67484	48.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.653	98	253320	50.104	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.200%
62) 4-Bromofluorobenzene	11.079	95	95414	53.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	197	0.284	ug/l	89
10) Methyl Iodide	2.459	142	471	4.720	ug/l #	82
11) Tert butyl alcohol	2.953	59	291	1.130	ug/l #	75
16) Acetone	2.386	43	584	0.619	ug/l #	46
31) Cyclohexane	5.556	56	2609	0.956	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9995	4.513	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13562	5.953	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1040	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47363	24.370	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47363	74.200	ug/l #	3
94) Hexachlorobutadiene	13.731	225	166	0.209	ug/l #	55

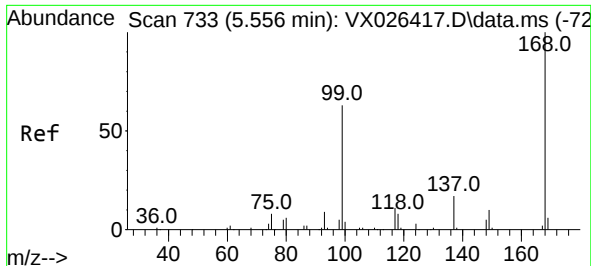
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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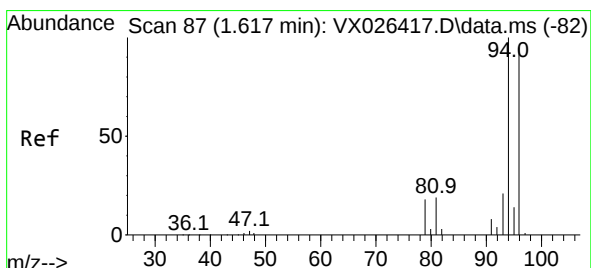
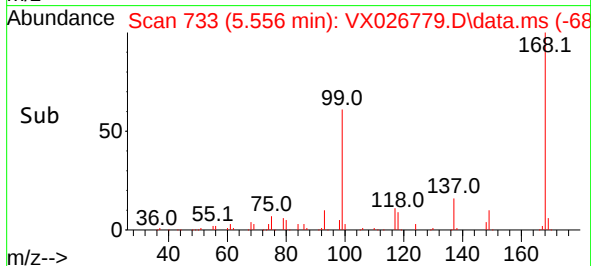
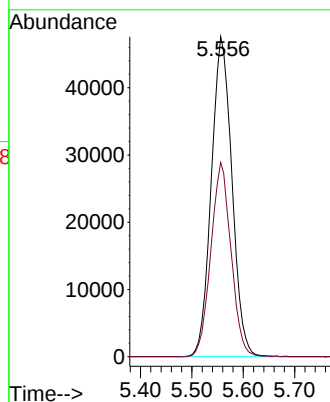
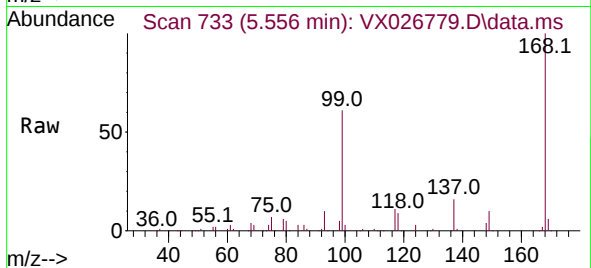




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

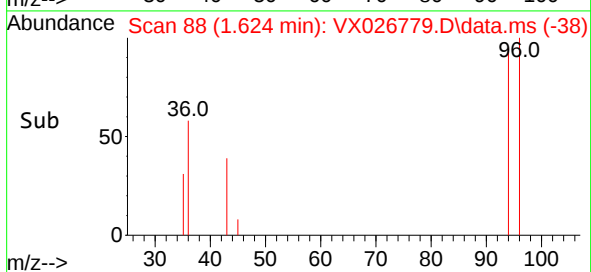
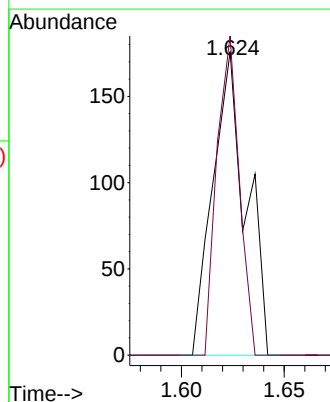
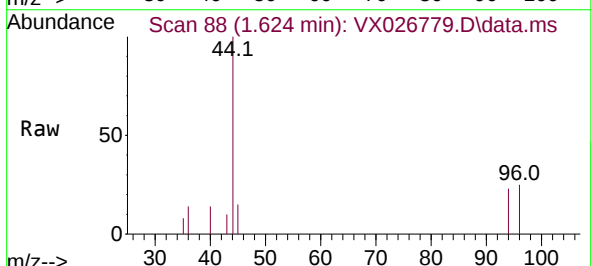
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

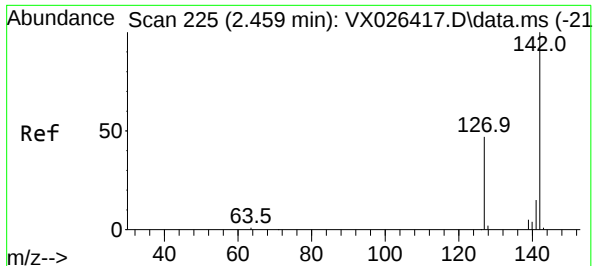
Tgt Ion:168 Resp: 132499
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#5
Bromomethane
Concen: 0.284 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

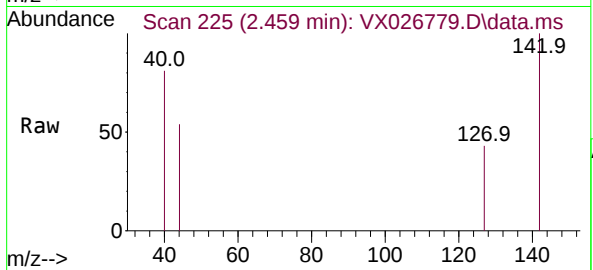
Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 105.1 75.9 113.9



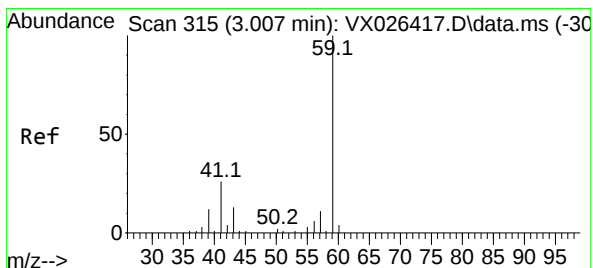
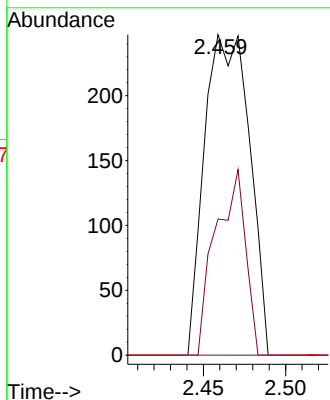
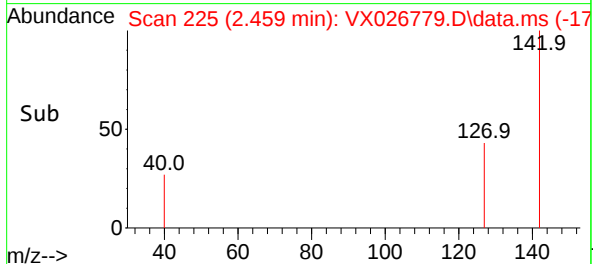


#10
Methyl Iodide
Concen: 4.720 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

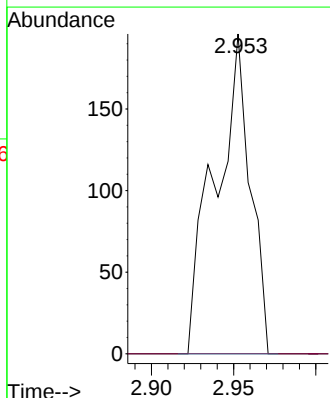
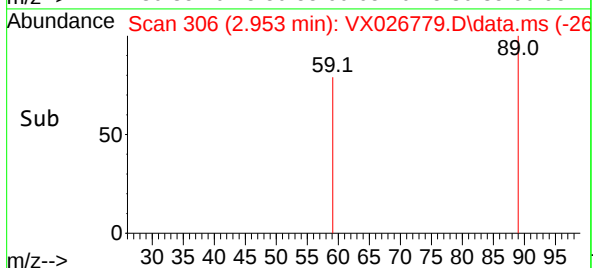
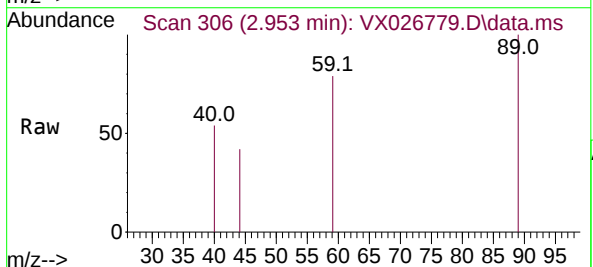


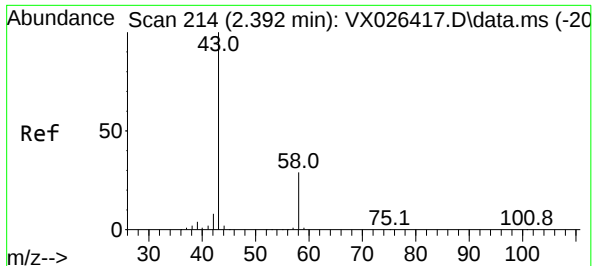
Tgt Ion:142 Resp: 471
Ion Ratio Lower Upper
142 100
127 38.4 38.1 57.1
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.130 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

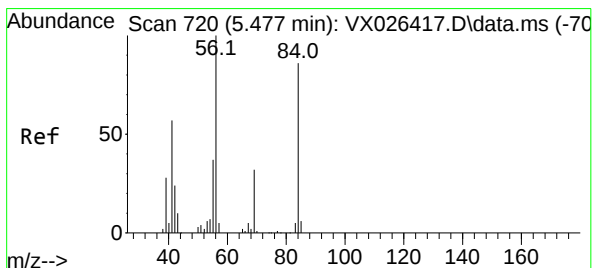
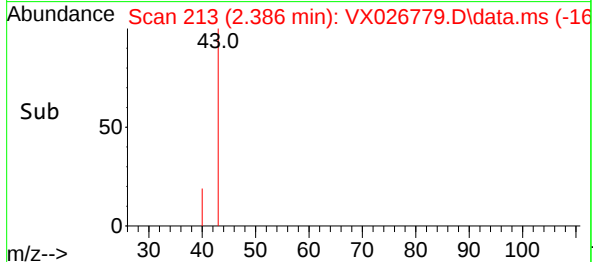
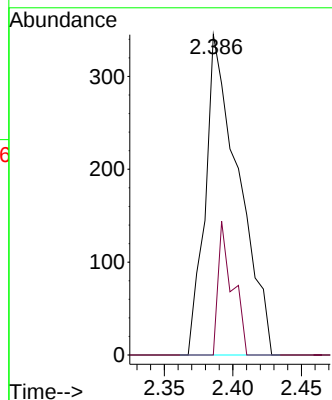
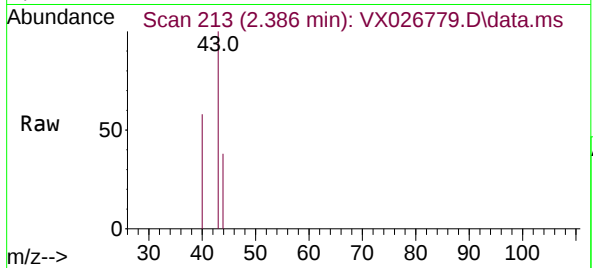




#16
Acetone
Concen: 0.619 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

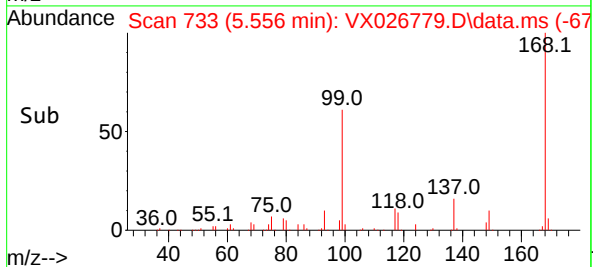
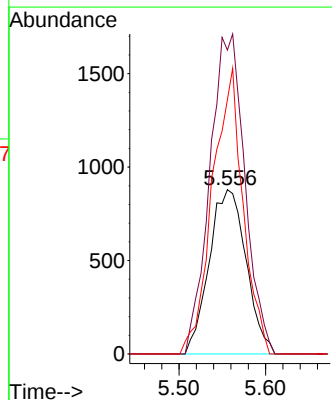
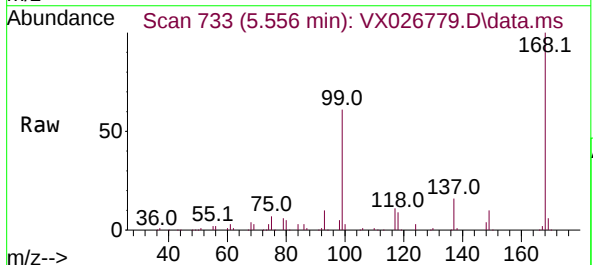
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

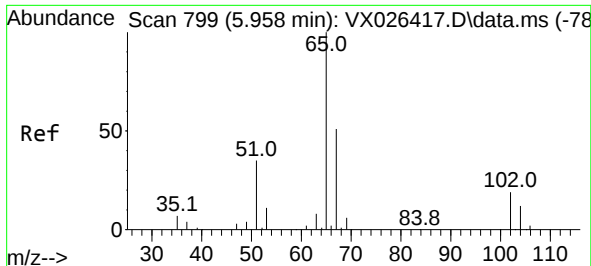
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#31
Cyclohexane
Concen: 0.956 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

Tgt Ion: 56 Resp: 2609
Ion Ratio Lower Upper
56 100
69 185.0 25.8 38.6#
84 154.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 43.774 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026779.D

Acq: 07 Feb 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

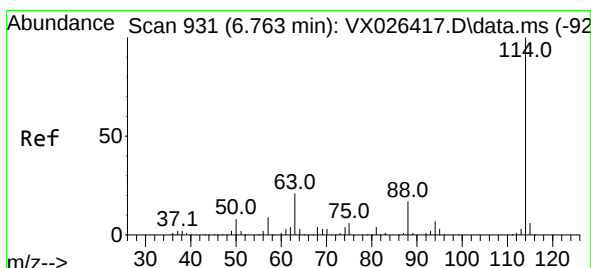
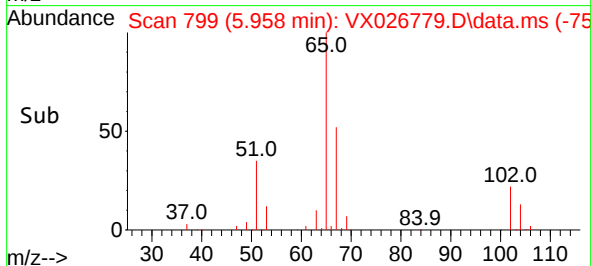
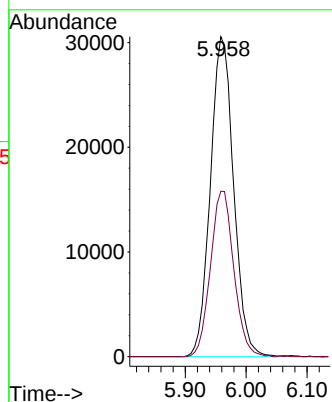
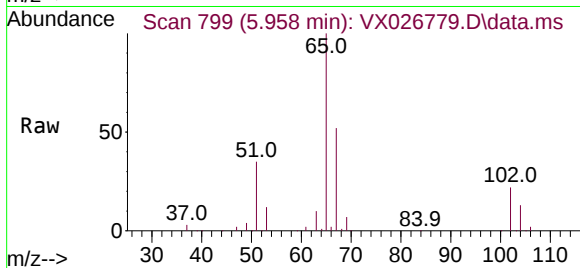
KTS1-GW-MH-02-8-13

Tgt Ion: 65 Resp: 81021

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026779.D

Acq: 07 Feb 2022 13:11

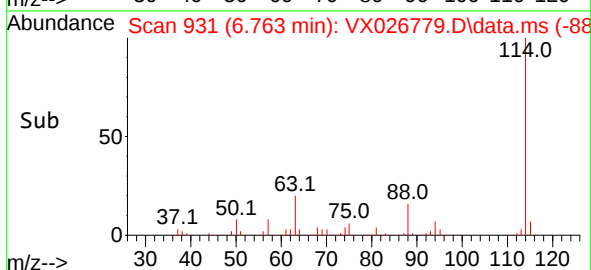
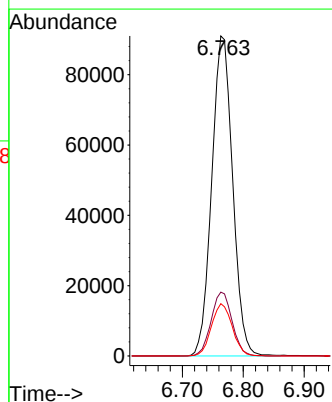
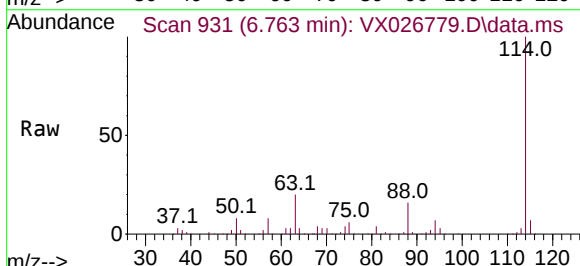
Tgt Ion: 114 Resp: 217262

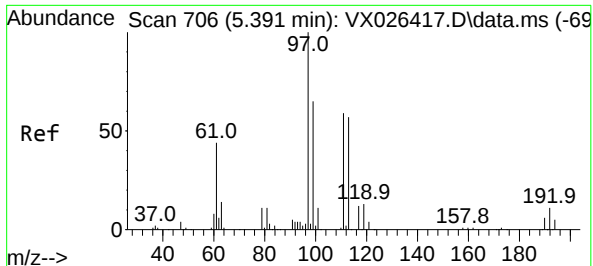
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.4 0.0 33.0

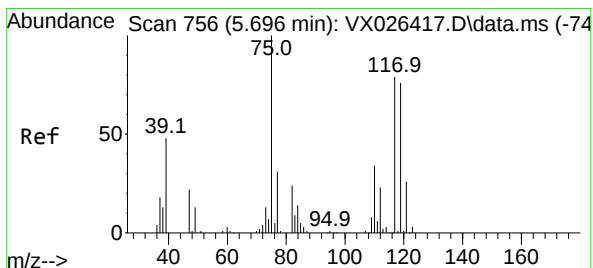
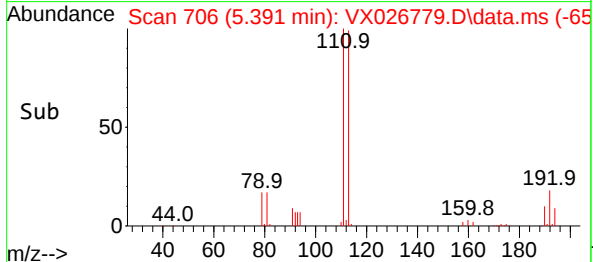
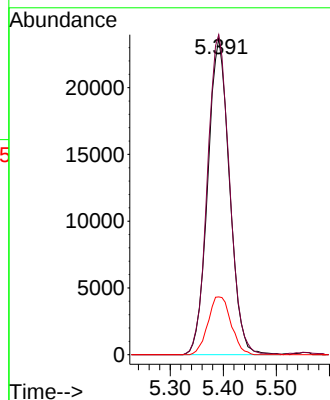
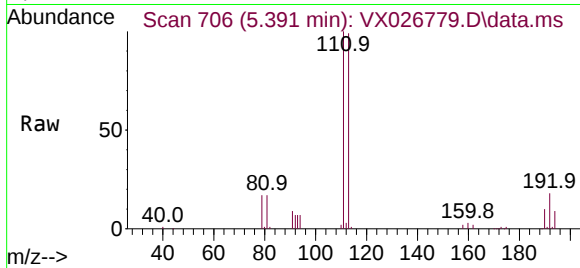




#35
Dibromofluoromethane
Concen: 48.099 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

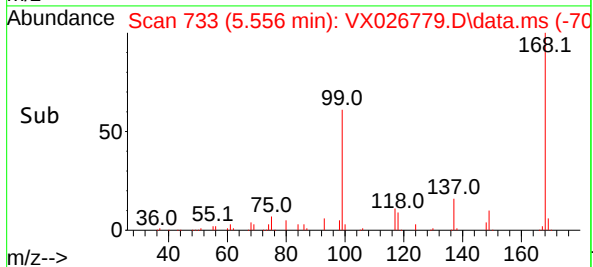
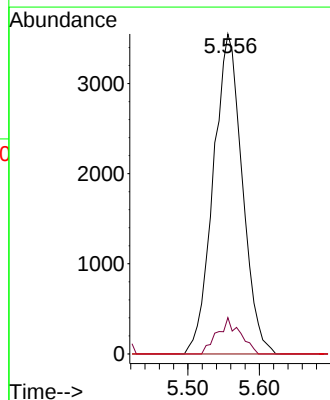
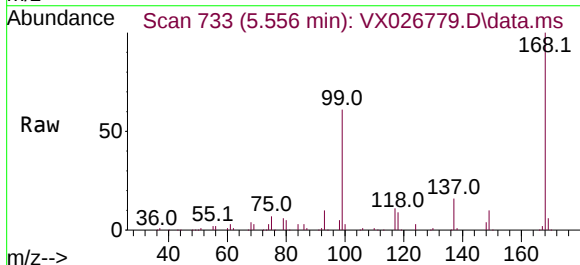
Instrument :
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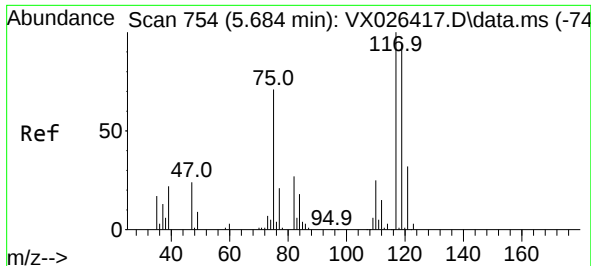
Tgt Ion:113 Resp: 67484
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

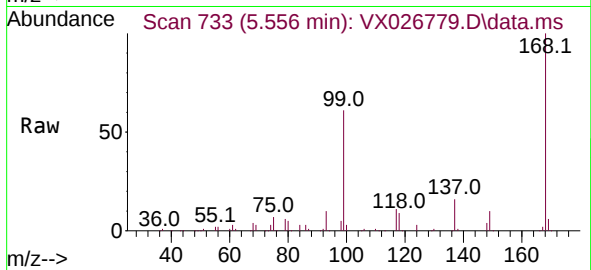
Tgt Ion: 75 Resp: 9995
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



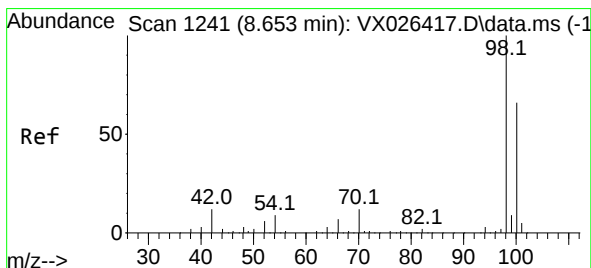
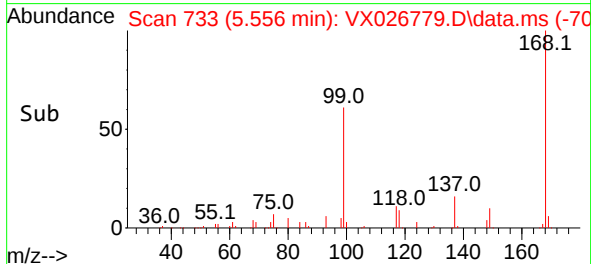
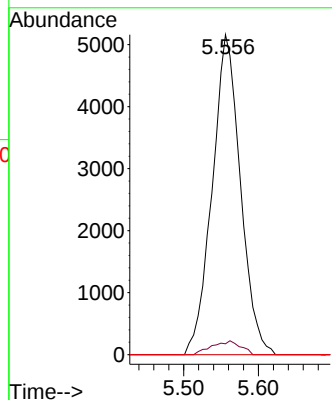


#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

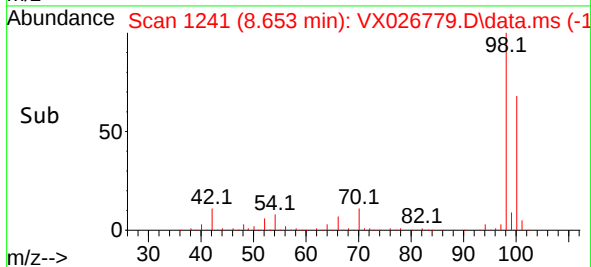
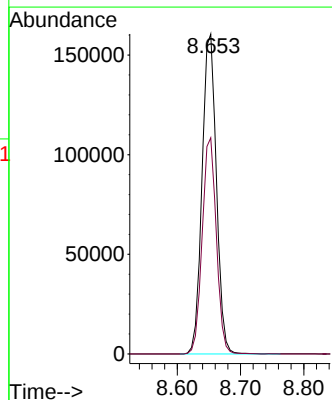
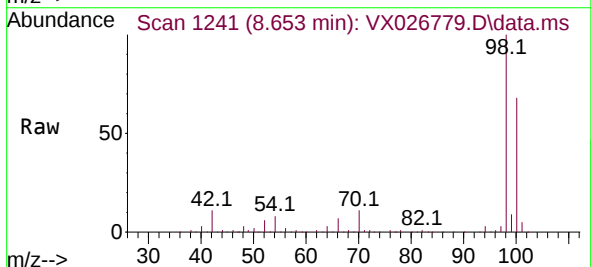


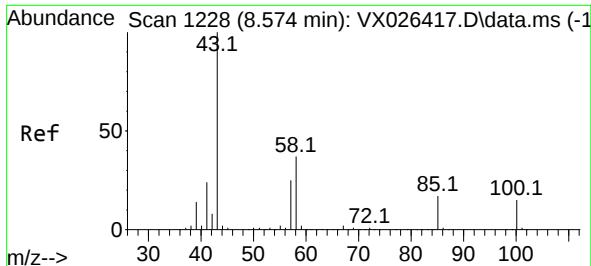
Tgt Ion:117 Resp: 13562
Ion Ratio Lower Upper
117 100
119 3.4 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.104 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

Tgt Ion: 98 Resp: 253320
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.484 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026779.D

Acq: 07 Feb 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

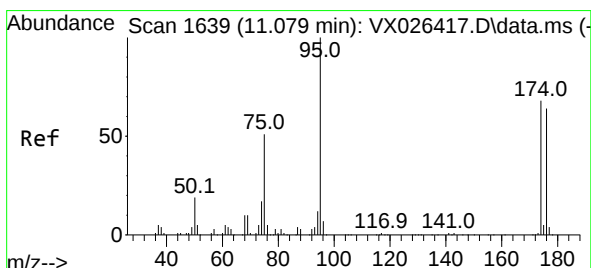
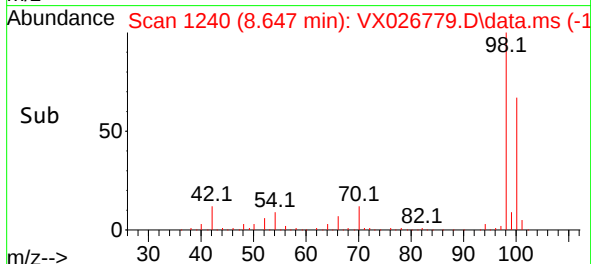
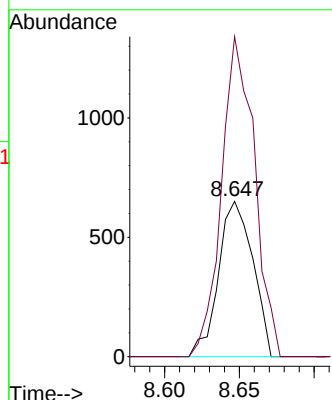
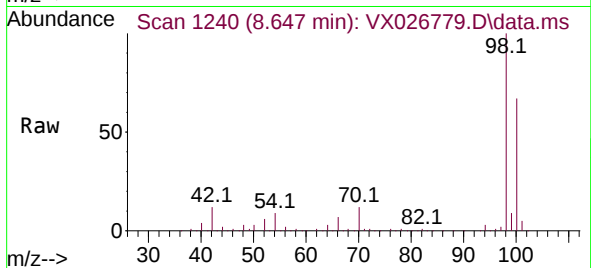
KTS1-GW-MH-02-8-13

Tgt Ion: 43 Resp: 1040

Ion Ratio Lower Upper

43 100

58 197.9 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 53.125 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026779.D

Acq: 07 Feb 2022 13:11

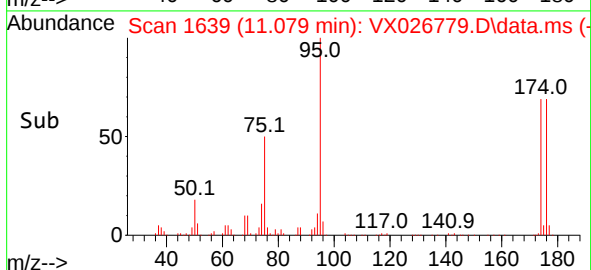
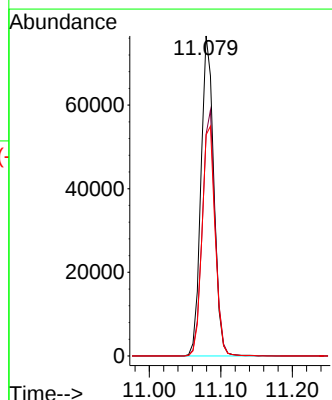
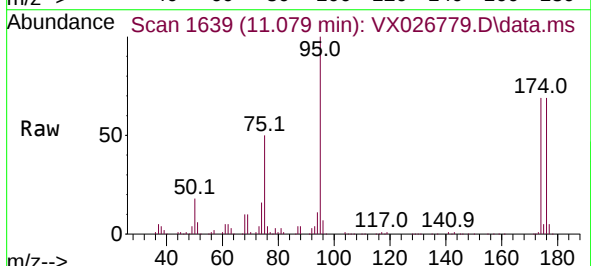
Tgt Ion: 95 Resp: 95414

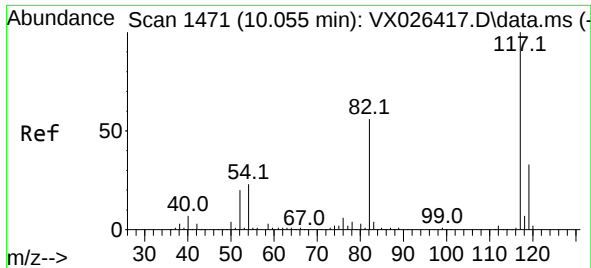
Ion Ratio Lower Upper

95 100

174 76.5 0.0 148.6

176 73.4 0.0 141.4

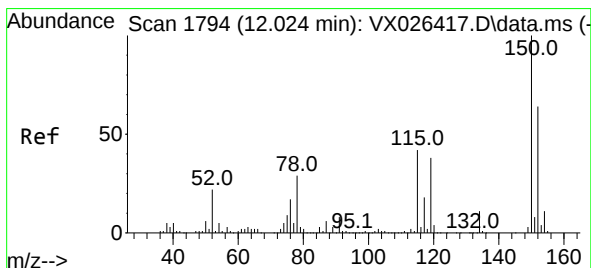
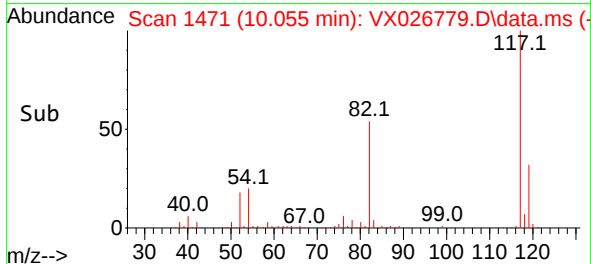
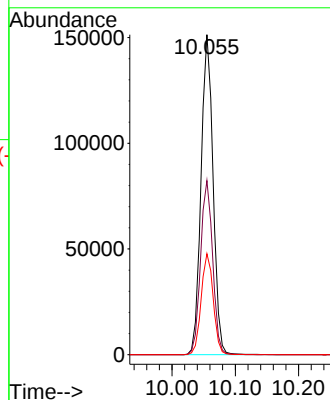
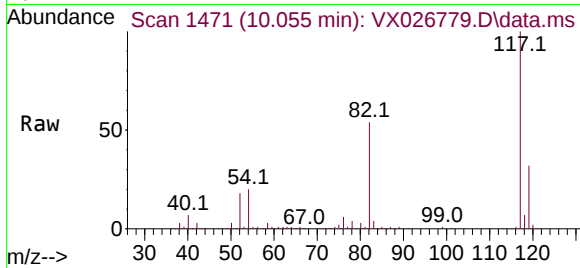




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

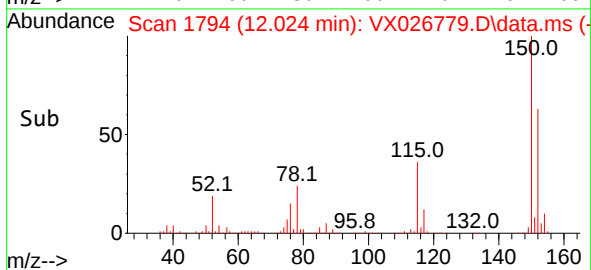
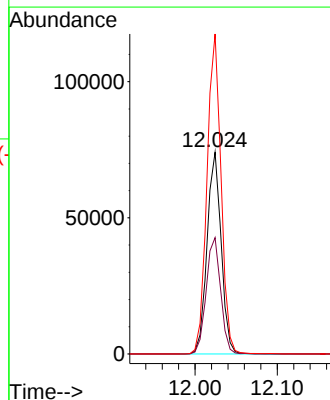
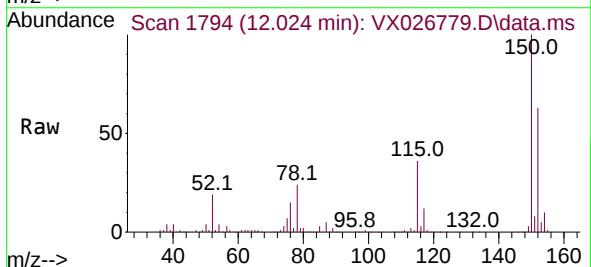
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

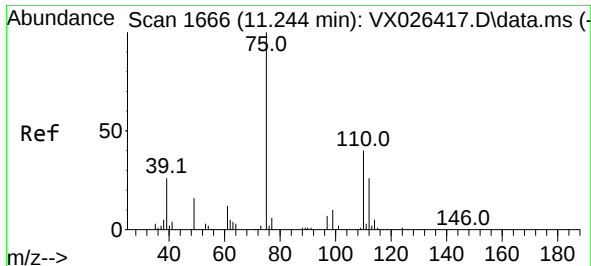
Tgt Ion:117 Resp: 200689
Ion Ratio Lower Upper
117 100
82 54.4 45.2 67.8
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

Tgt Ion:152 Resp: 88270
Ion Ratio Lower Upper
152 100
115 59.1 44.2 132.6
150 158.1 0.0 348.2

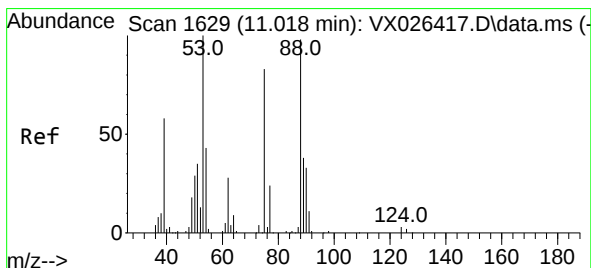
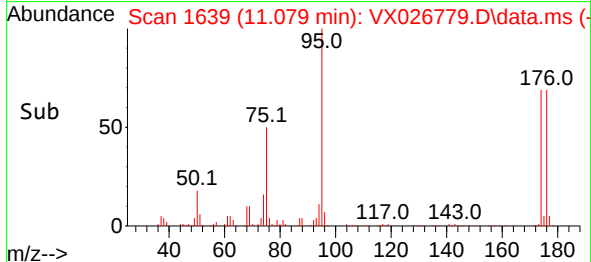
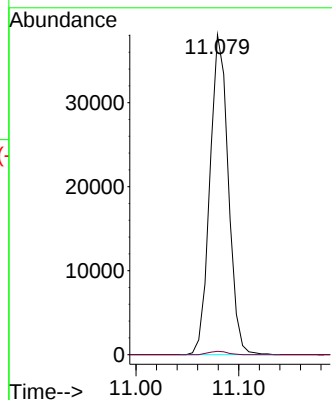
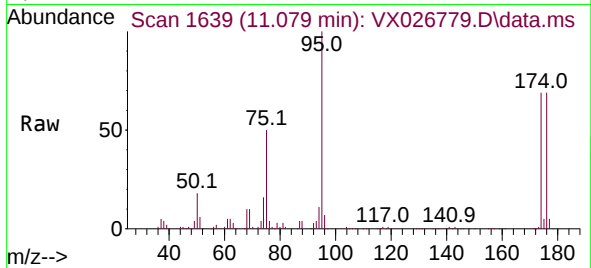




#76
1,2,3-Trichloropropane
Concen: 24.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

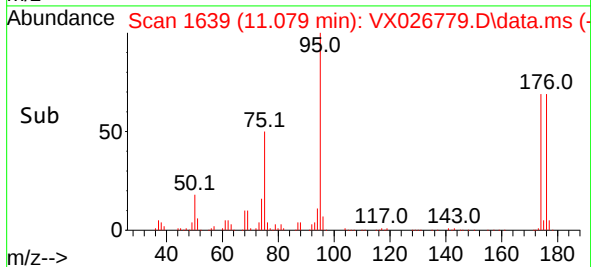
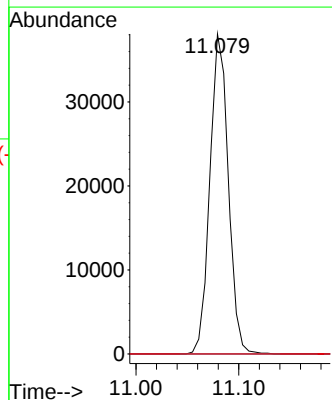
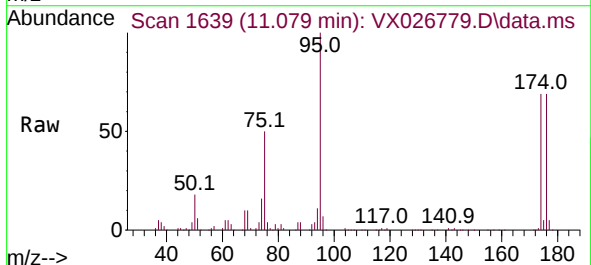
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

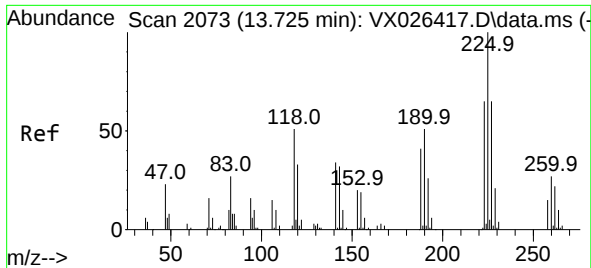
Tgt Ion: 75 Resp: 47363
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026779.D
Acq: 07 Feb 2022 13:11

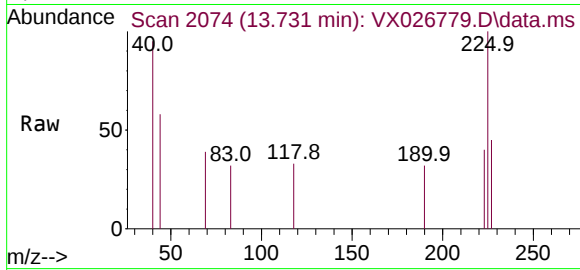
Tgt Ion: 75 Resp: 47363
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#94
 Hexachlorobutadiene
 Concen: 0.209 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX026779.D
 Acq: 07 Feb 2022 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 KTS1-GW-MH-02-8-13



Tgt Ion:225 Resp: 166
 Ion Ratio Lower Upper
 225 100
 223 15.1 32.0 96.0#
 227 42.2 32.3 96.9

