

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026784.D
 Acq On : 07 Feb 2022 15:06
 Operator : JC/MD
 Sample : N1399-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 07 23:29:57 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)

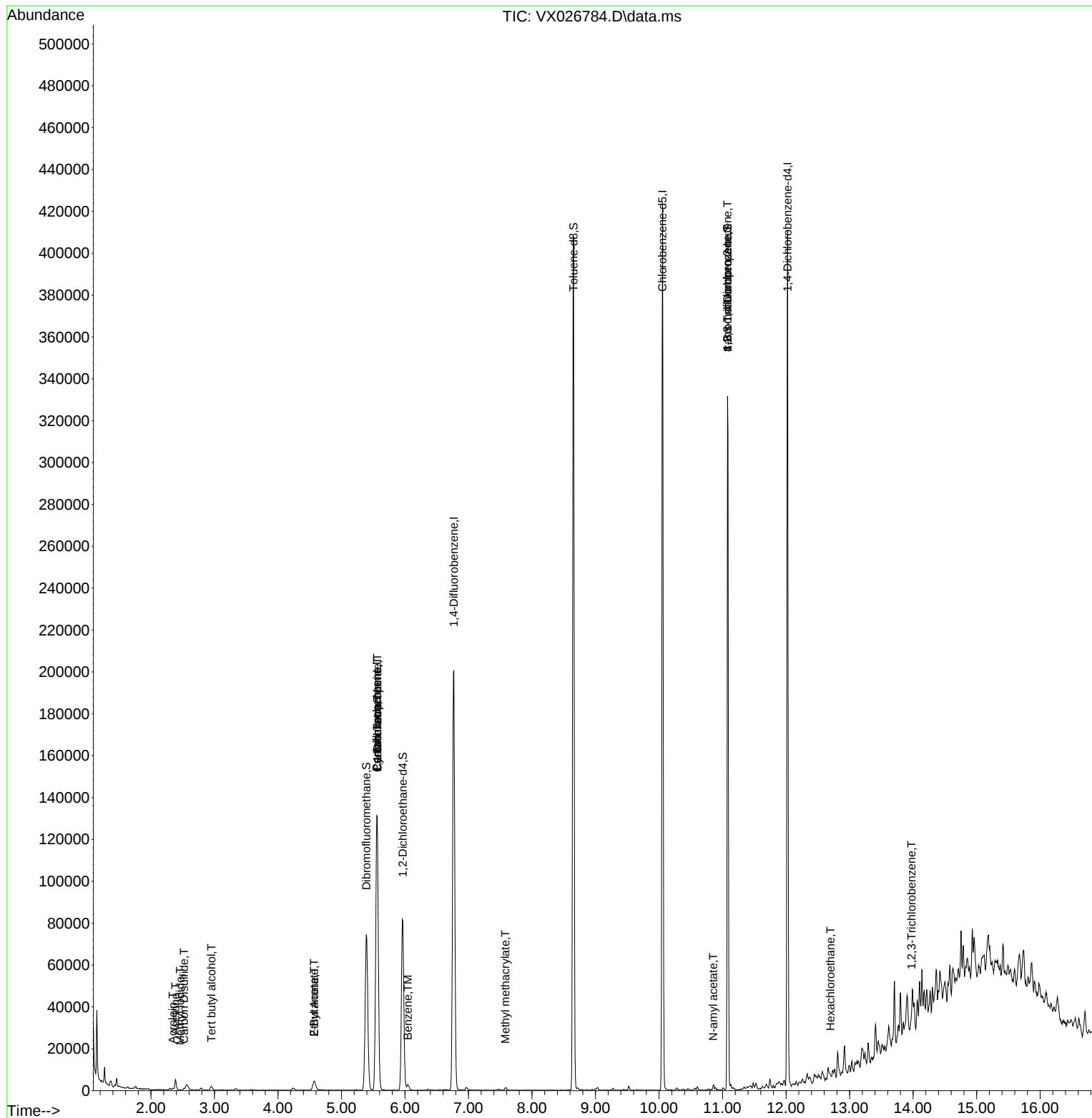
Internal Standards						
1) Pentafluorobenzene	5.556	168	127309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80337	45.173	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.340%
35) Dibromofluoromethane	5.391	113	65856	48.738	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	8.653	98	245014	50.319	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.640%
62) 4-Bromofluorobenzene	11.079	95	92317	53.371	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.740%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	98	4.505	ug/l #	37
11) Tert butyl alcohol	2.953	59	1403	5.671	ug/l #	75
13) Acrolein	2.343	56	122	0.464	ug/l #	14
16) Acetone	2.386	43	5828	6.426	ug/l #	84
17) Carbon Disulfide	2.520	76	1024	0.264	ug/l #	94
25) 2-Butanone	4.568	43	1583	1.342	ug/l	90
31) Cyclohexane	5.562	56	2470	0.942	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9882	4.633	ug/l #	50
37) Ethyl Acetate	4.568	43	1583	0.734	ug/l #	73
38) Carbon Tetrachloride	5.562	117	12734	5.804	ug/l #	17
40) Benzene	6.044	78	3198	0.542	ug/l	94
48) Methyl methacrylate	7.580	41	424	0.245	ug/l #	44
74) N-amyl acetate	10.854	43	588	0.221	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	45439	24.595	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45439	74.839	ug/l #	3
90) Hexachloroethane	12.701	117	90	2.267	ug/l #	14
96) 1,2,3-Trichlorobenzene	13.975	180	548	0.311	ug/l #	1

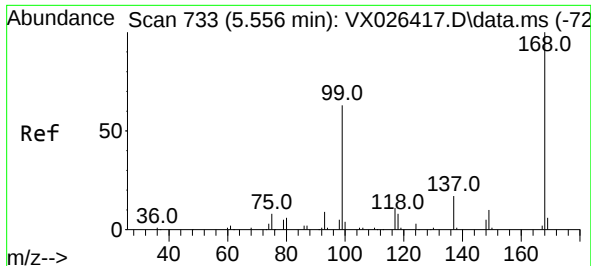
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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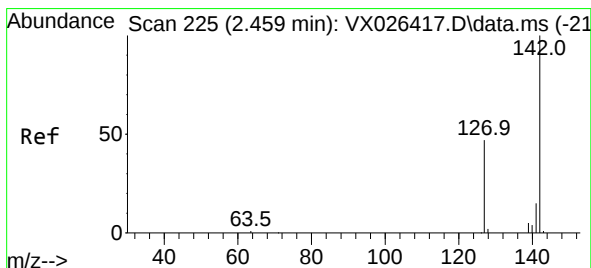
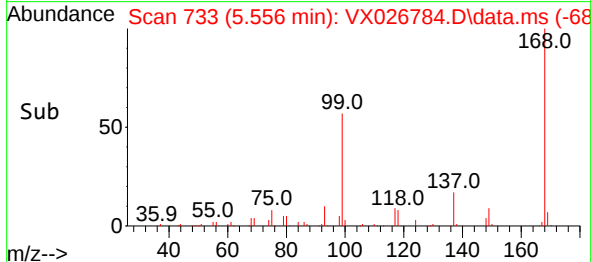
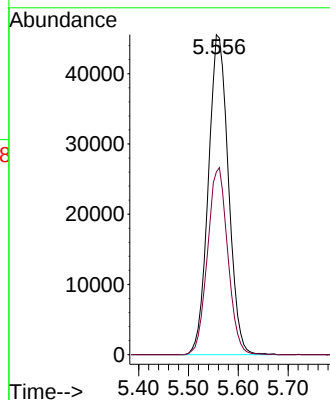
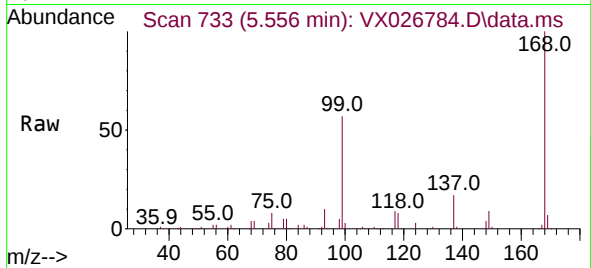




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

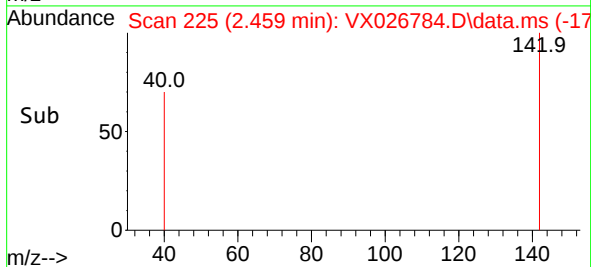
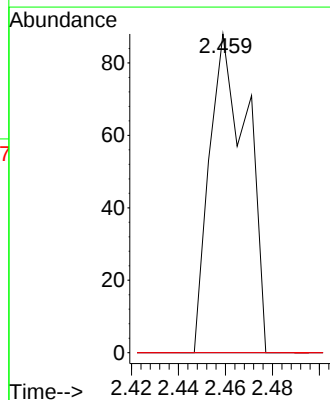
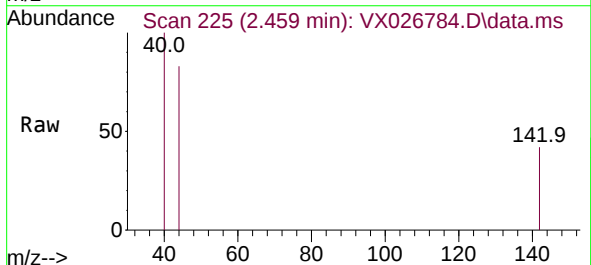
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

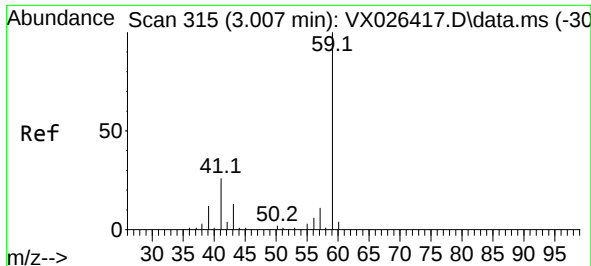
Tgt Ion:168 Resp: 127309
Ion Ratio Lower Upper
168 100
99 57.1 50.3 75.5



#10
Methyl Iodide
Concen: 4.505 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

Tgt Ion:142 Resp: 98
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

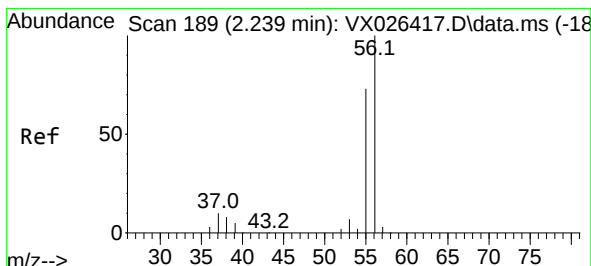
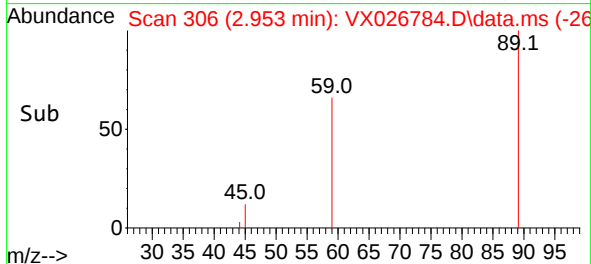
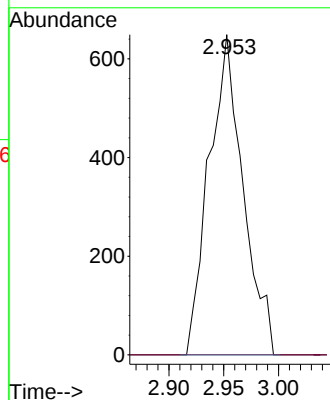
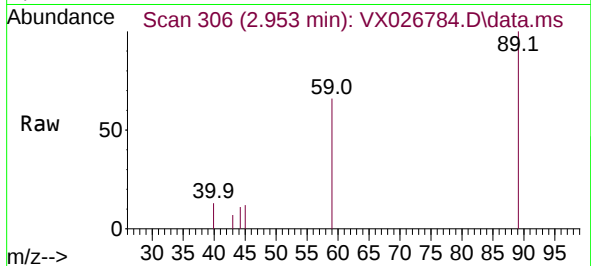




#11
Tert butyl alcohol
Concen: 5.671 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.054 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

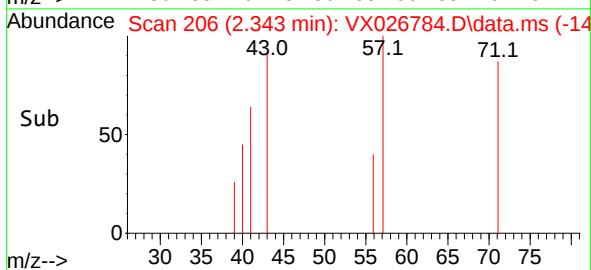
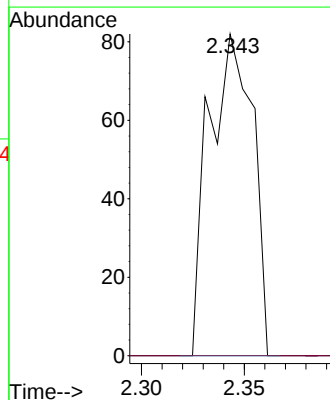
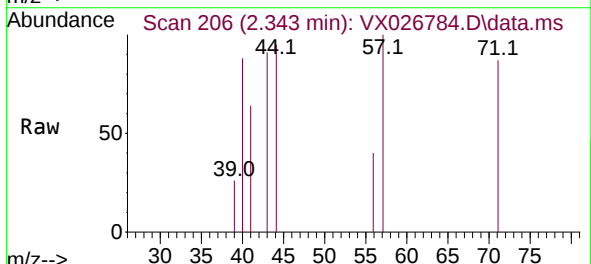
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

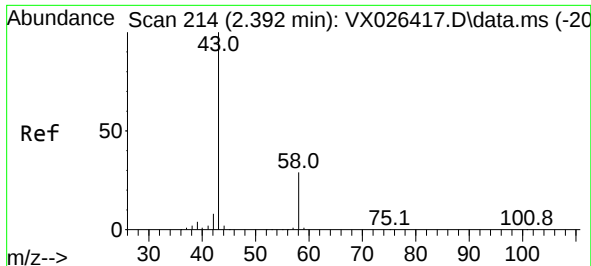
Tgt Ion: 59 Resp: 1403
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#13
Acrolein
Concen: 0.464 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.104 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#

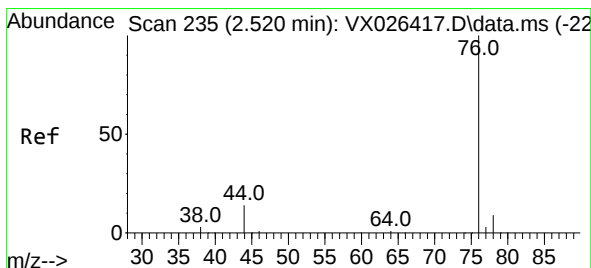
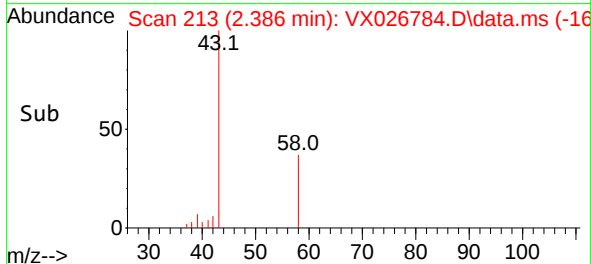
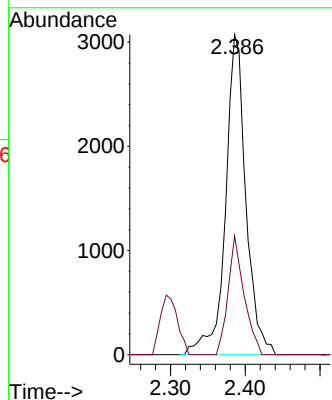
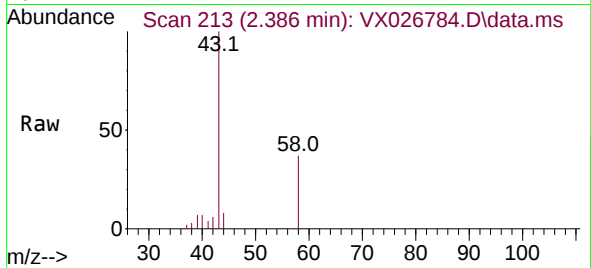




#16
Acetone
Concen: 6.426 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

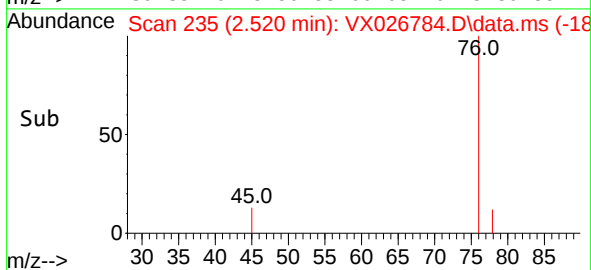
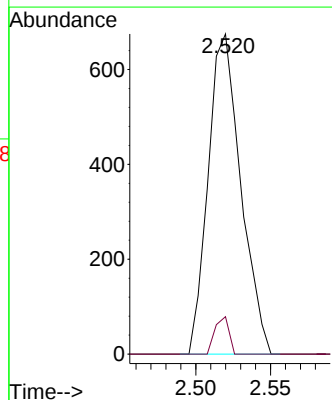
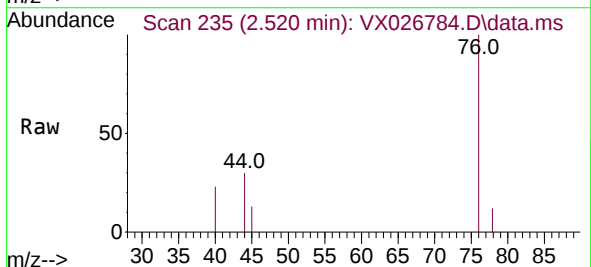
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

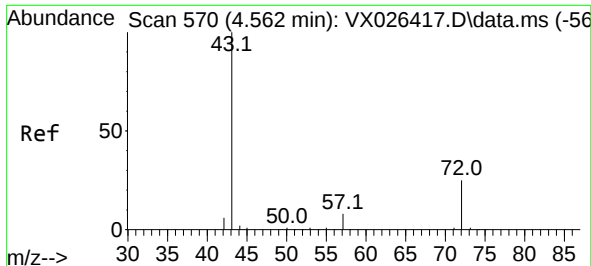
Tgt Ion: 43 Resp: 5828
Ion Ratio Lower Upper
43 100
58 37.2 23.0 34.6#



#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

Tgt Ion: 76 Resp: 1024
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#





#25

2-Butanone

Concen: 1.342 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX026784.D

Acq: 07 Feb 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

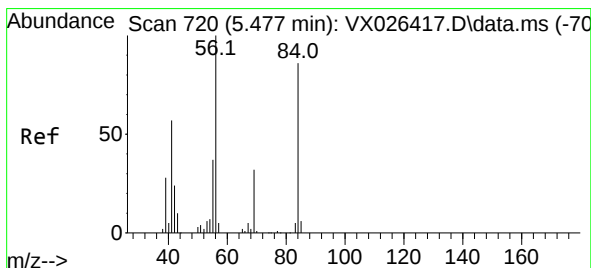
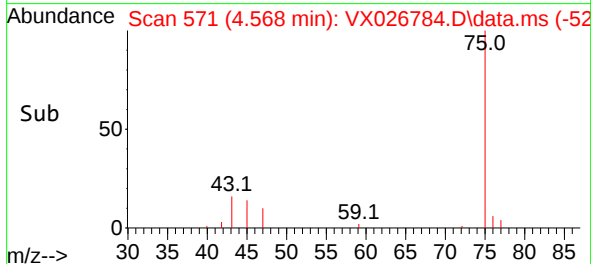
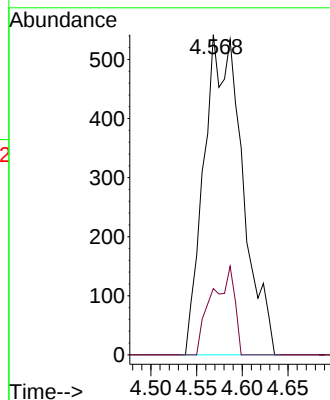
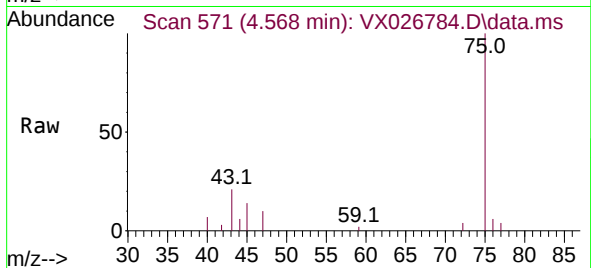
KTS1-GW-MH-02-8-13

Tgt Ion: 43 Resp: 1583

Ion Ratio Lower Upper

43 100

72 20.7 20.4 30.6



#31

Cyclohexane

Concen: 0.942 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026784.D

Acq: 07 Feb 2022 15:06

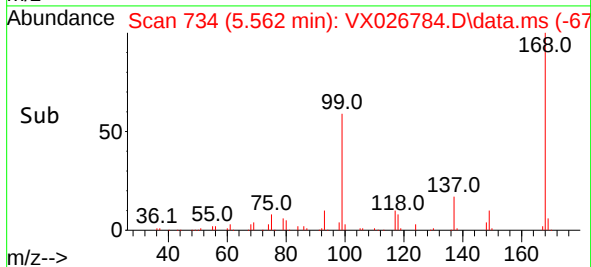
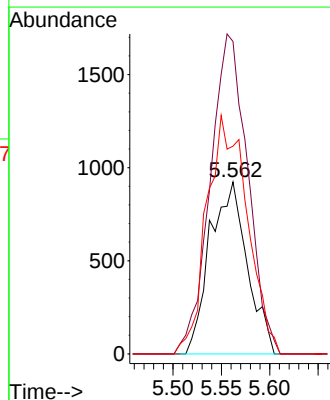
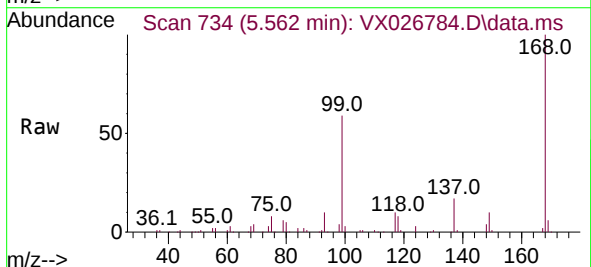
Tgt Ion: 56 Resp: 2470

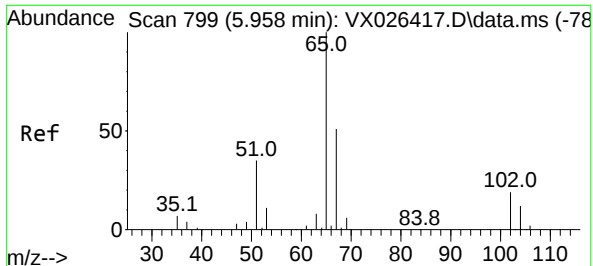
Ion Ratio Lower Upper

56 100

69 181.8 25.8 38.6#

84 120.9 68.9 103.3#

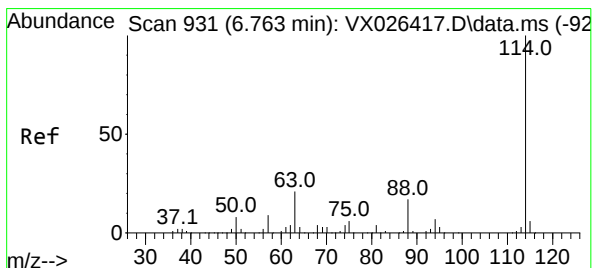
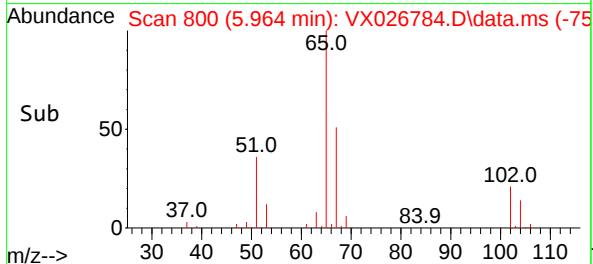
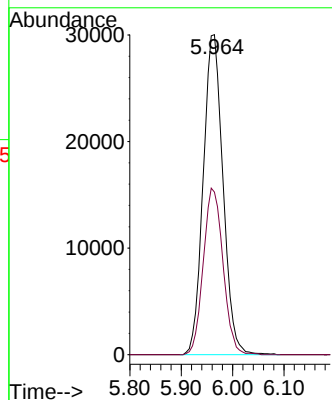
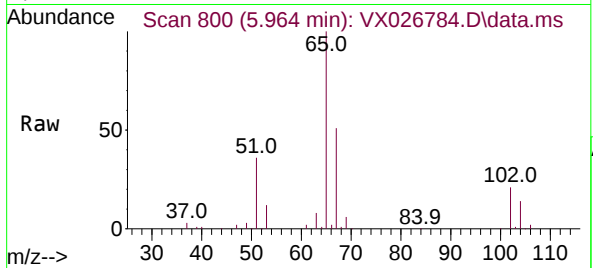




#33
 1,2-Dichloroethane-d4
 Concen: 45.173 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX026784.D
 Acq: 07 Feb 2022 15:06

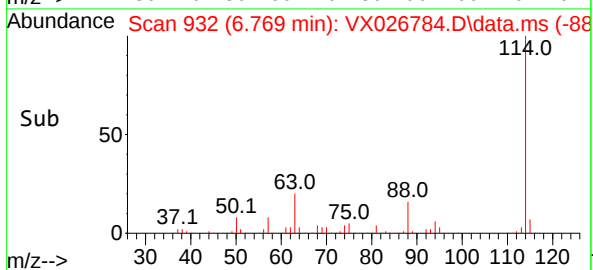
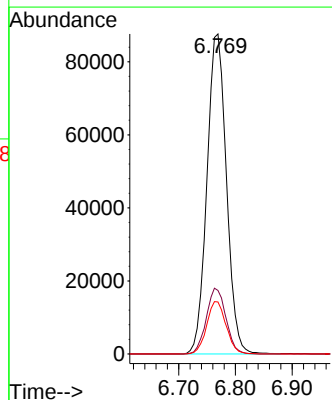
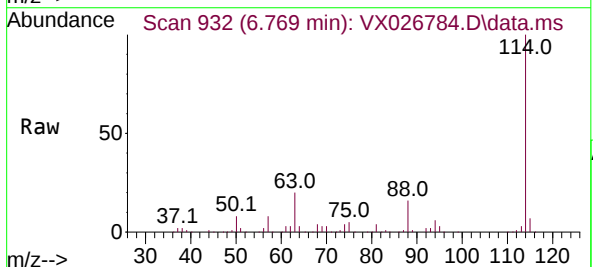
Instrument :
 MSVOA_X
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 KTS1-GW-MH-02-8-13

Tgt Ion: 65 Resp: 80337
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026784.D
 Acq: 07 Feb 2022 15:06

Tgt Ion: 114 Resp: 209242
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026784.D

Acq: 07 Feb 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

KTS1-GW-MH-02-8-13

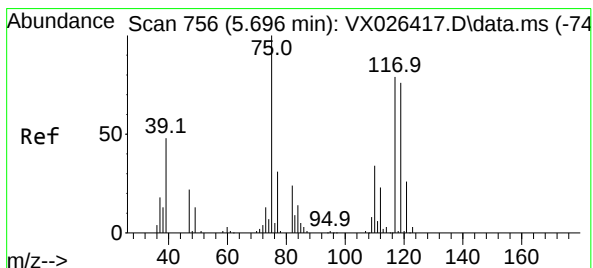
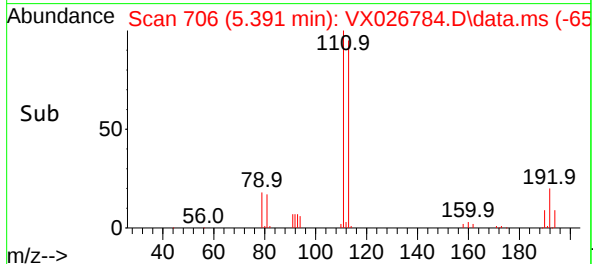
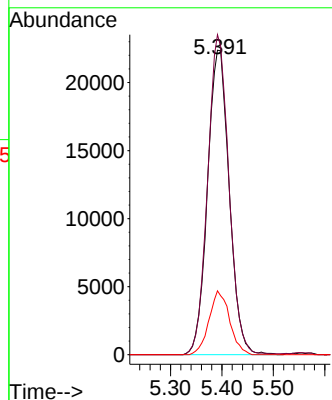
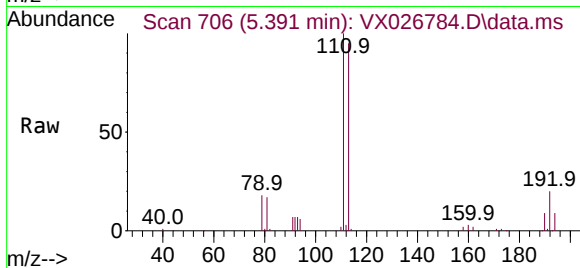
Tgt Ion:113 Resp: 65856

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 19.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.633 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX026784.D

Acq: 07 Feb 2022 15:06

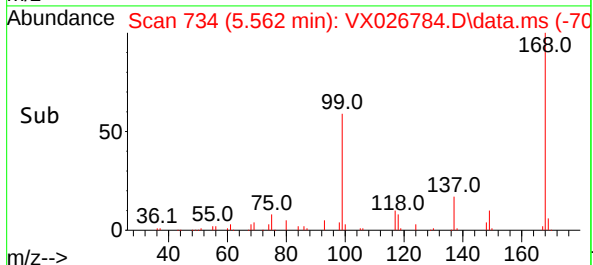
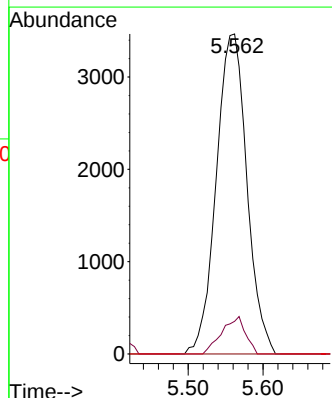
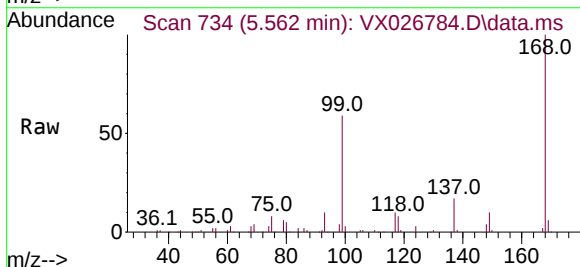
Tgt Ion: 75 Resp: 9882

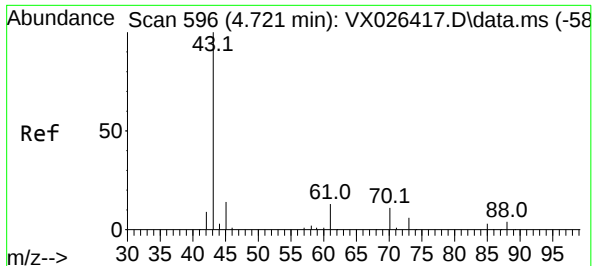
Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.734 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.152 min

Lab File: VX026784.D

Acq: 07 Feb 2022 15:06

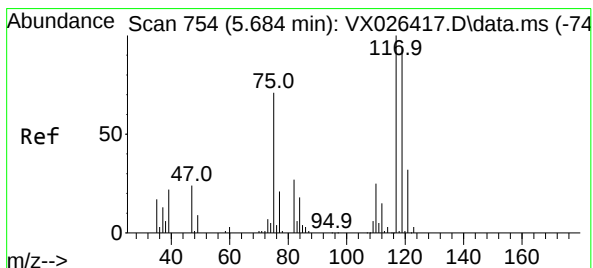
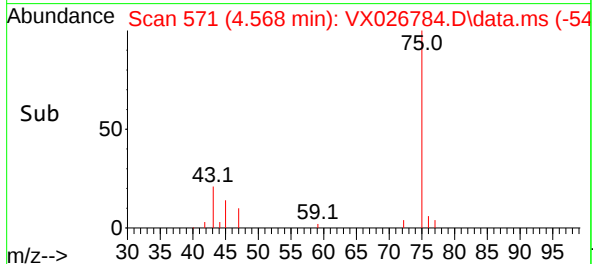
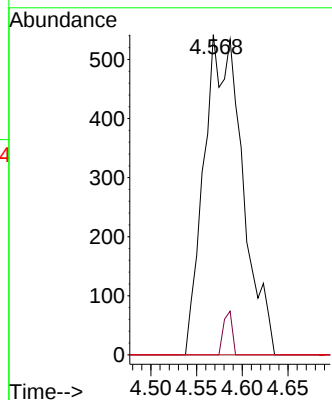
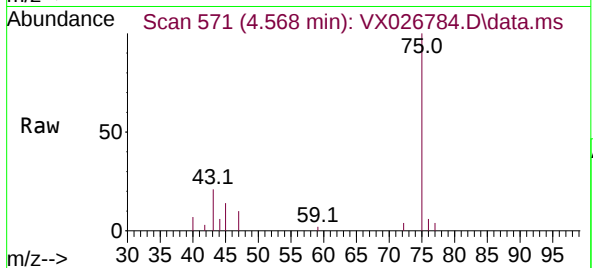
Instrument :

MSVOA_X

ClientSampleId :

KTS1-GW-MH-02-8-13

Tgt Ion: 43	Resp: 1583
Ion Ratio	Lower Upper
43	100
61	3.1 10.6 16.0#
70	0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.804 ug/l

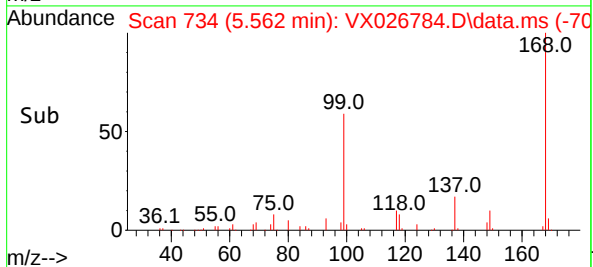
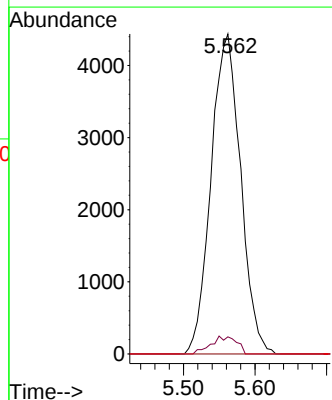
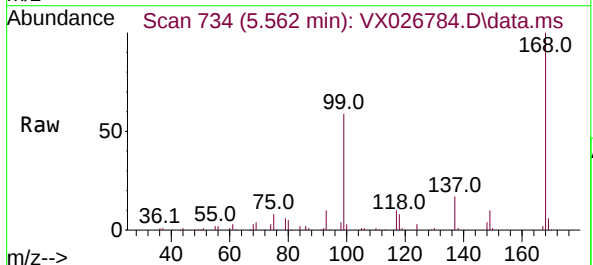
RT: 5.562 min Scan# 734

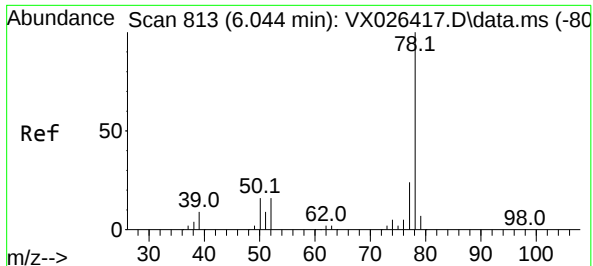
Delta R.T. -0.122 min

Lab File: VX026784.D

Acq: 07 Feb 2022 15:06

Tgt Ion: 117	Resp: 12734
Ion Ratio	Lower Upper
117	100
119	5.3 74.7 112.1#
121	0.0 25.4 38.0#





#40

Benzene

Concen: 0.542 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX026784.D

Acq: 07 Feb 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

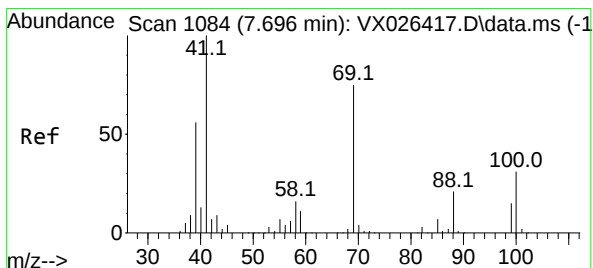
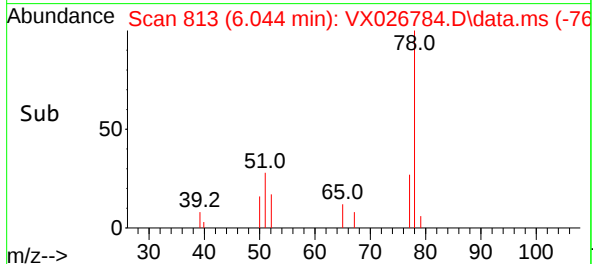
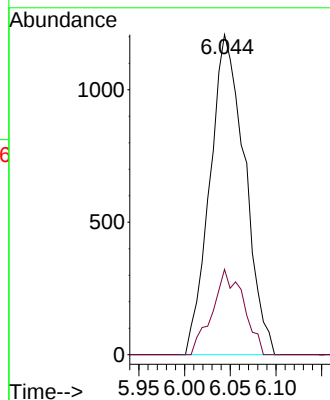
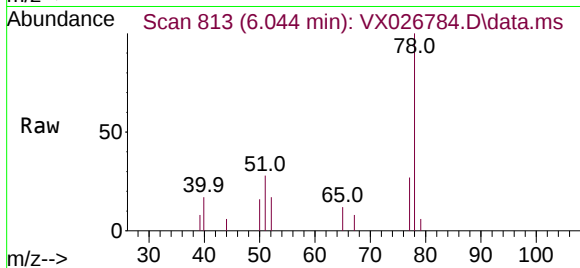
KTS1-GW-MH-02-8-13

Tgt Ion: 78 Resp: 3198

Ion Ratio Lower Upper

78 100

77 26.7 18.9 28.3



#48

Methyl methacrylate

Concen: 0.245 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.116 min

Lab File: VX026784.D

Acq: 07 Feb 2022 15:06

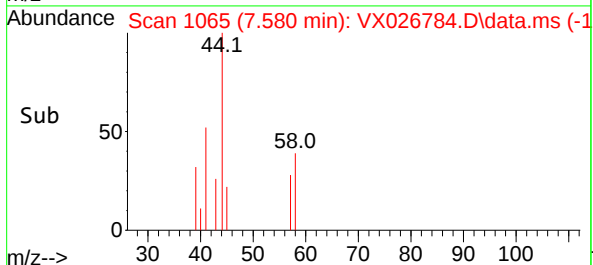
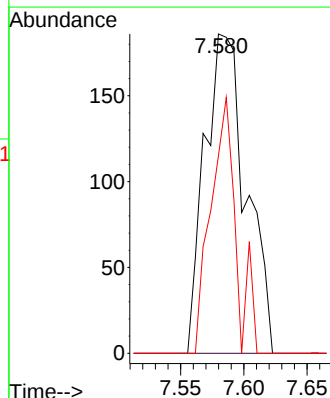
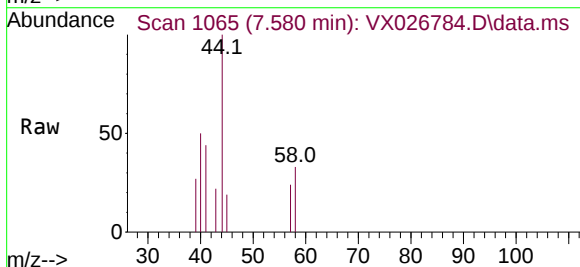
Tgt Ion: 41 Resp: 424

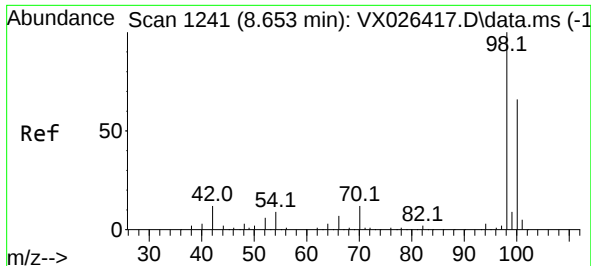
Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 48.6 45.4 68.0

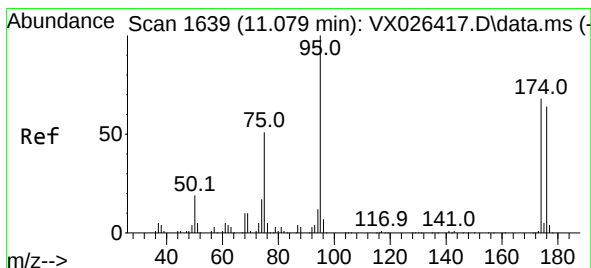
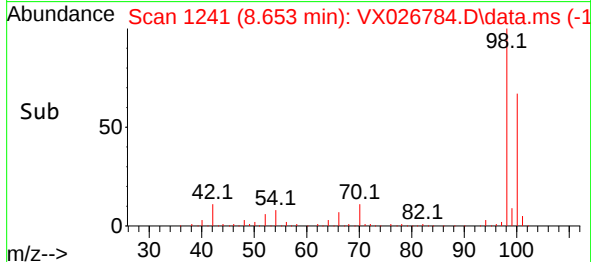
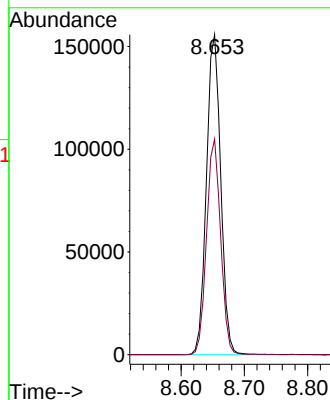
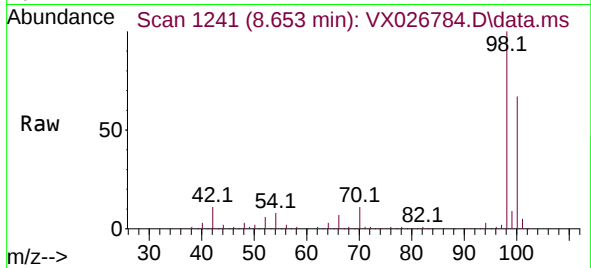




#50
Toluene-d8
Concen: 50.319 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

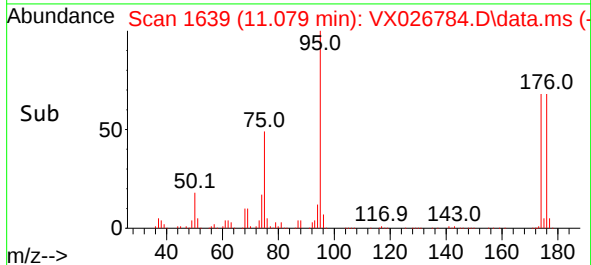
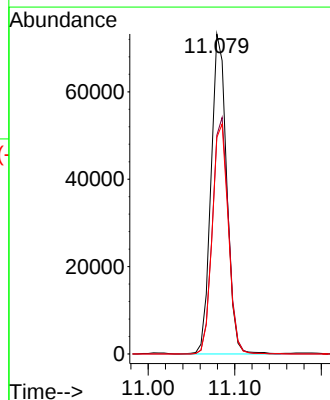
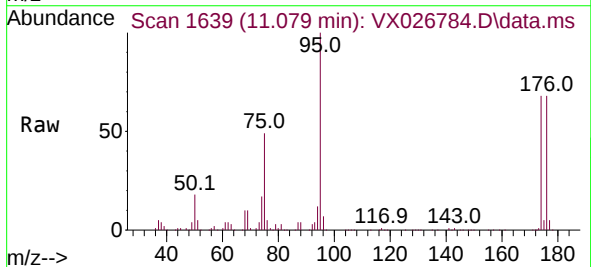
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

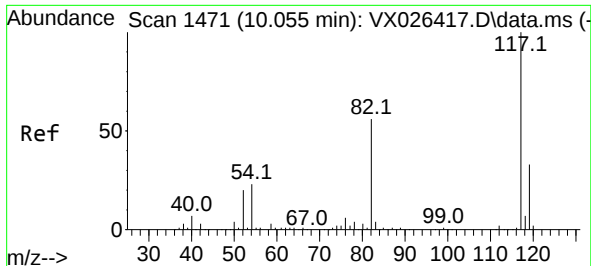
Tgt Ion: 98 Resp: 245014
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 53.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

Tgt Ion: 95 Resp: 92317
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.2 0.0 141.4

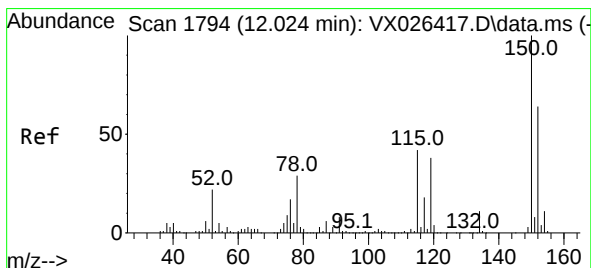
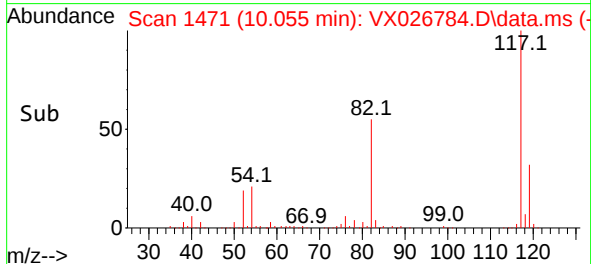
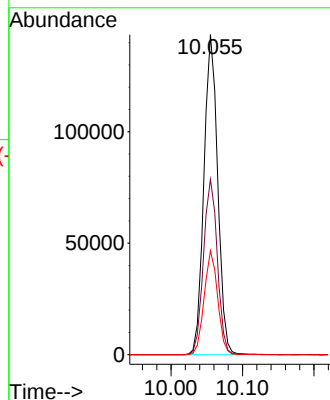
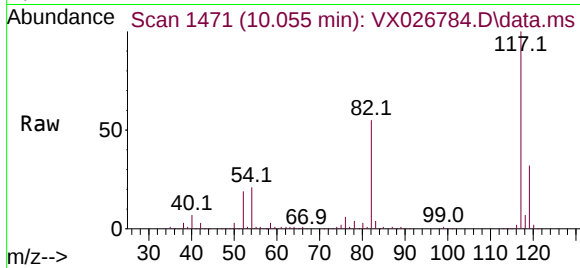




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

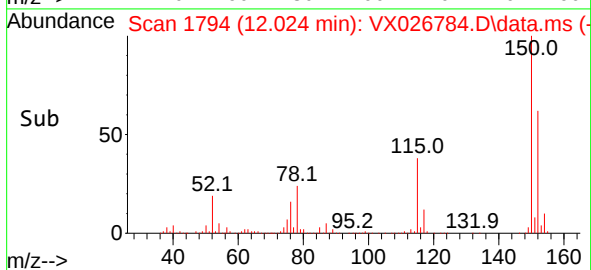
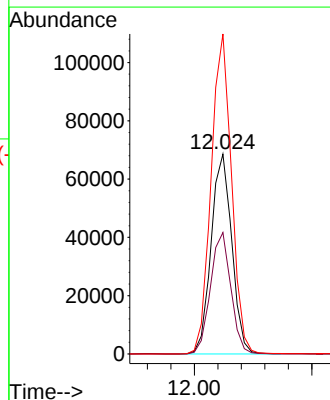
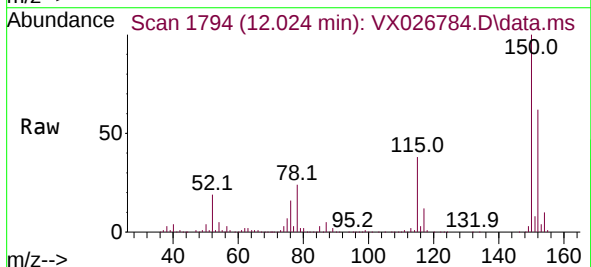
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

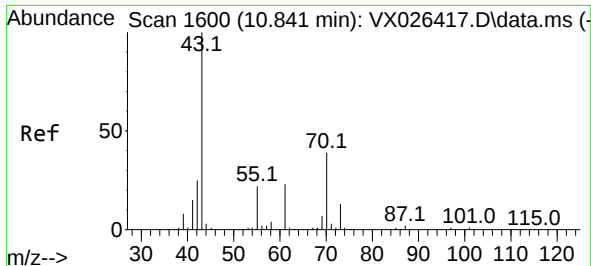
Tgt Ion:117 Resp: 192609
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

Tgt Ion:152 Resp: 83910
Ion Ratio Lower Upper
152 100
115 59.9 44.2 132.6
150 157.8 0.0 348.2

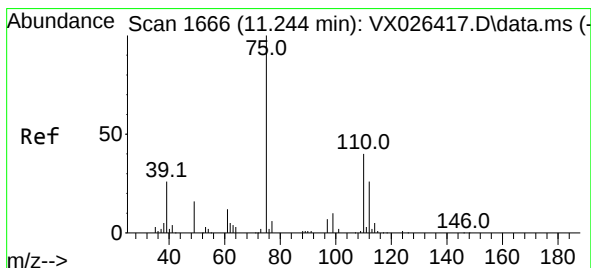
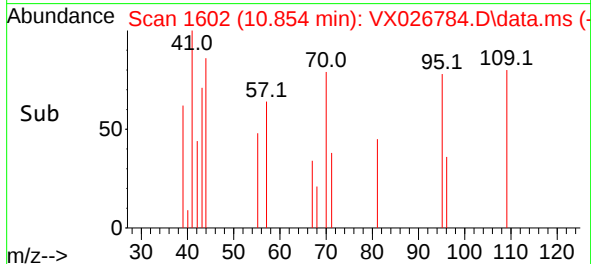
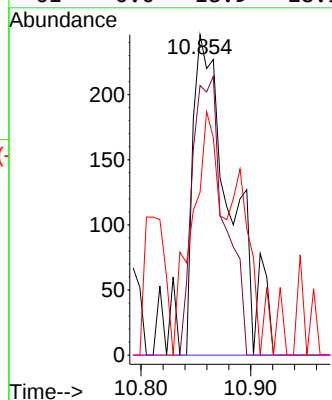
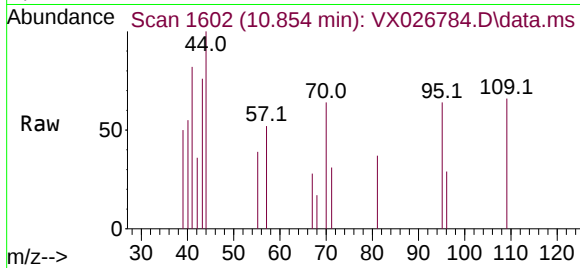




#74
N-amy1 acetate
Concen: 0.221 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

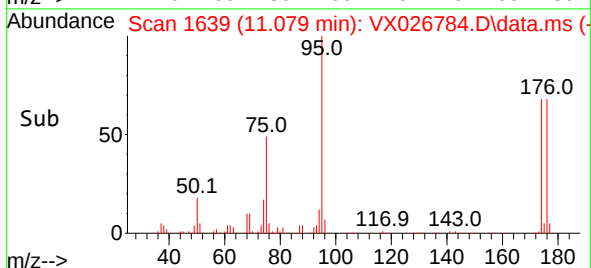
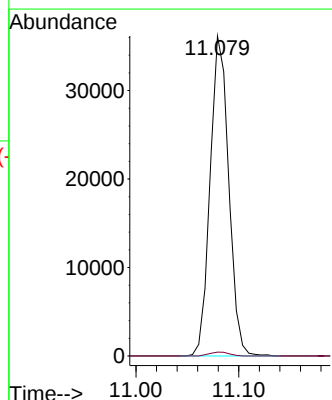
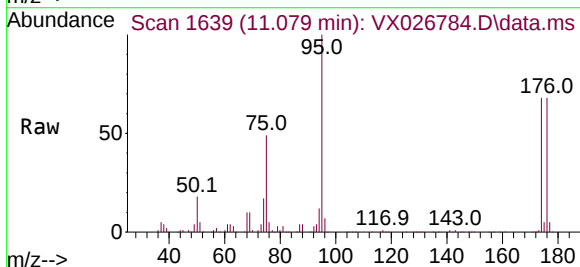
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

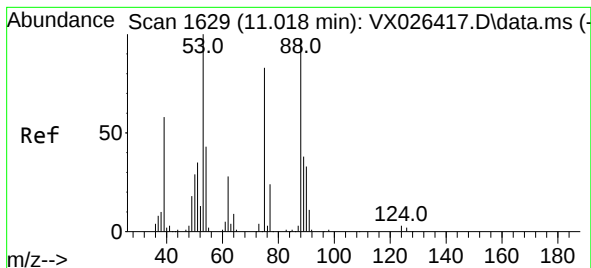
Tgt Ion: 43	Resp: 588
Ion Ratio	Lower Upper
43	100
70	74.5 32.9 49.3#
55	59.2 18.3 27.5#
61	0.0 18.9 28.3#



#76
1,2,3-Trichloropropane
Concen: 24.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

Tgt Ion: 75	Resp: 45439
Ion Ratio	Lower Upper
75	100
77	1.3 18.3 54.8#

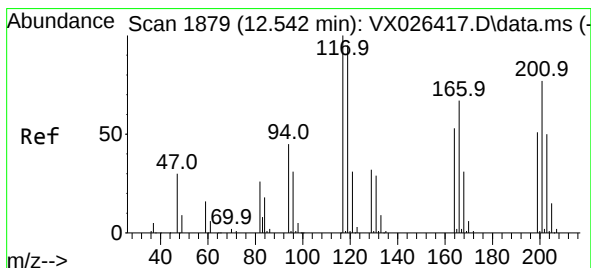
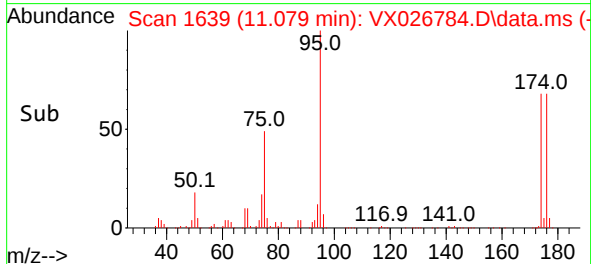
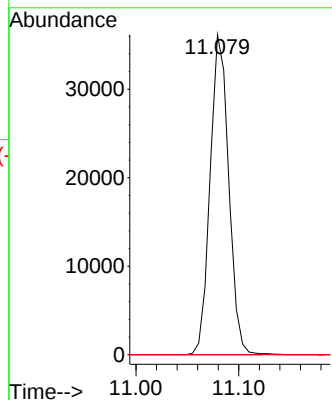
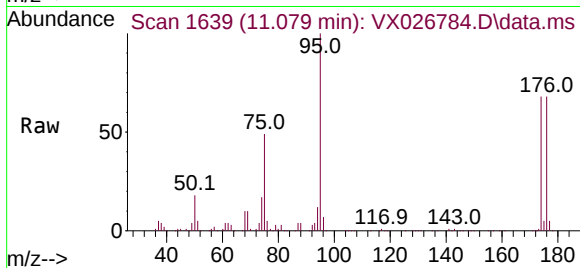




#81
trans-1,4-Dichloro-2-butene
Concen: 74.839 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

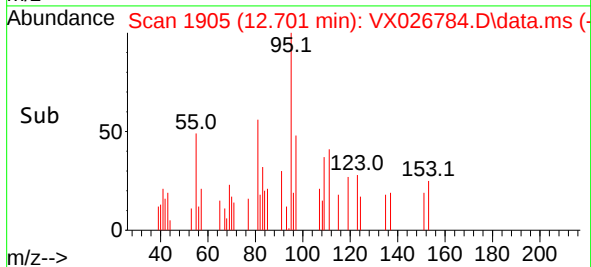
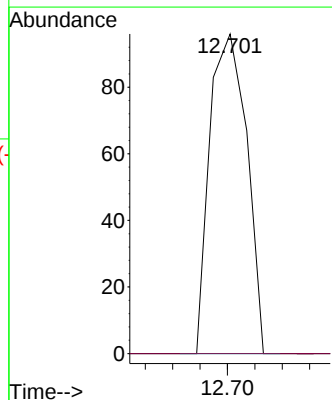
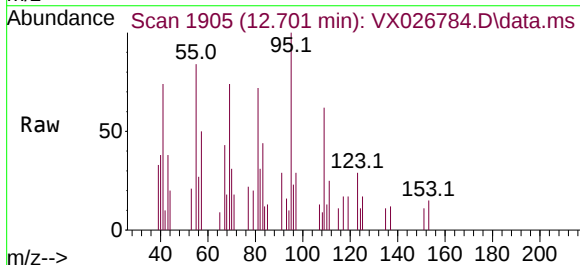
Instrument :
MSVOA_X
ClientSampleId :
KTS1-GW-MH-02-8-13

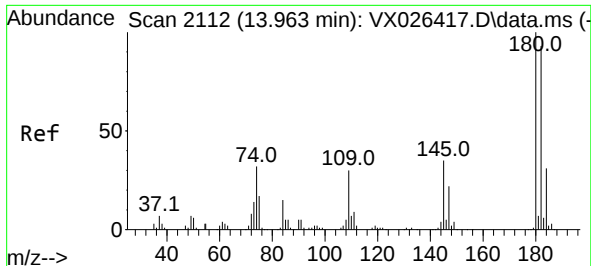
Tgt Ion: 75 Resp: 45439
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#90
Hexachloroethane
Concen: 2.267 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX026784.D
Acq: 07 Feb 2022 15:06

Tgt Ion: 117 Resp: 90
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.311 ug/l

RT: 13.975 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX026784.D

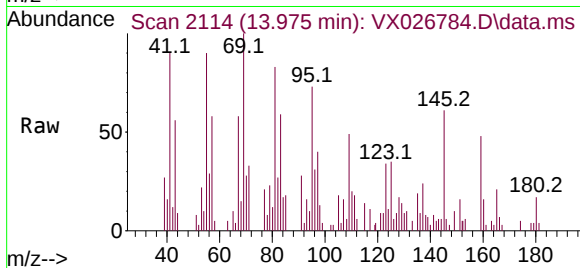
Acq: 07 Feb 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

KTS1-GW-MH-02-8-13



Tgt Ion:180 Resp: 548

Ion Ratio Lower Upper

180 100

182 36.7 47.2 141.6#

145 344.3 17.5 52.5#

