

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026794.D
 Acq On : 07 Feb 2022 18:57
 Operator : JC/MD
 Sample : N1400-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KTS1-WC-S-MH-01-02-0-15

Quant Time: Feb 07 23:33:11 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	5.562	168	133719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	82119	43.962	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.920%		
35) Dibromofluoromethane	5.391	113	68659	48.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	8.653	98	253588	49.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.560%		
62) 4-Bromofluorobenzene	11.079	95	91324	49.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.920%		
Target Compounds						Qvalue
10) Methyl Iodide	2.465	142	23	4.458	ug/l #	37
11) Tert butyl alcohol	2.947	59	195	0.750	ug/l #	75
16) Acetone	2.380	43	13427	14.095	ug/l	91
18) Methyl Acetate	2.709	43	752	0.397	ug/l #	82
20) Methylene Chloride	2.794	84	1039	0.660	ug/l	91
25) 2-Butanone	4.574	43	4241	3.423	ug/l	96
31) Cyclohexane	5.556	56	2531	0.919	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9957	4.417	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13466	5.807	ug/l #	16
43) Isopropyl Acetate	6.342	43	11298	3.067	ug/l	97
48) Methyl methacrylate	7.799	41	50124	27.456	ug/l #	44
49) 1,4-Dioxane	7.799	88	46	1.535	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	38435	17.590	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	17714	7.444	ug/l #	54
57) 1,3-Dichloropropane	9.482	76	8493	3.285	ug/l #	43
59) 2-Hexanone	9.482	43	115649	69.154	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	44572	23.810	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44572	72.611	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1647	0.287	ug/l	99
85) sec-Butylbenzene	11.756	105	1647	0.237	ug/l #	56
90) Hexachloroethane	12.622	117	42	2.219	ug/l #	14

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
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QLast Update : Tue Jan 11 14:45:13 2022
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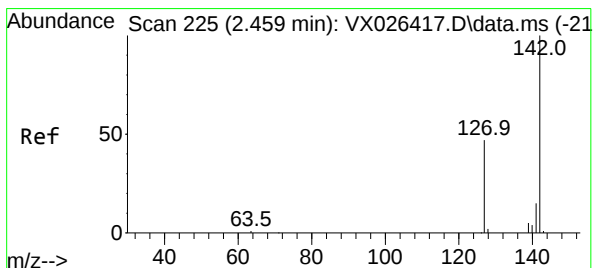
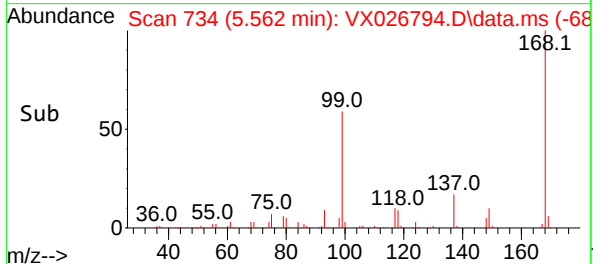
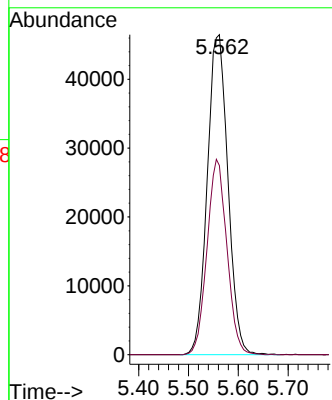
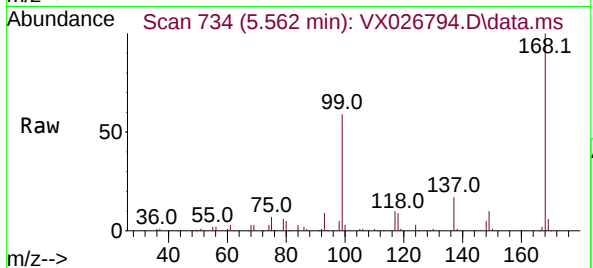




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

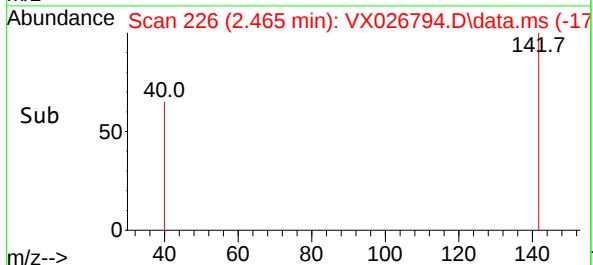
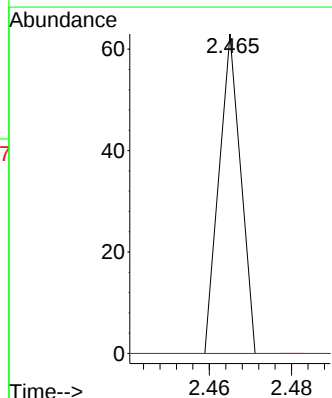
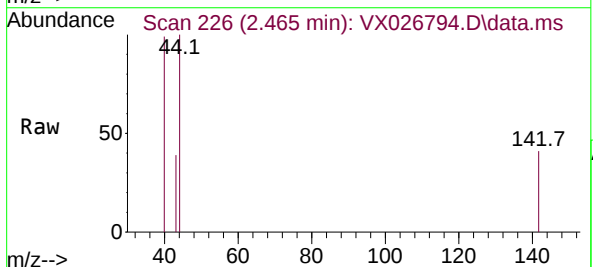
Instrument :
MSVOA_X
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

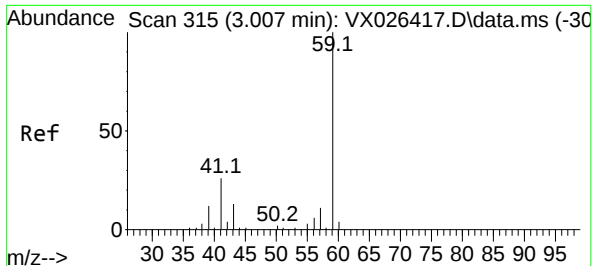
Tgt Ion:168 Resp: 133719
Ion Ratio Lower Upper
168 100
99 59.1 50.3 75.5



#10
Methyl Iodide
Concen: 4.458 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Tgt Ion:142 Resp: 23
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: 0.750 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.060 min

Lab File: VX026794.D

Acq: 07 Feb 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

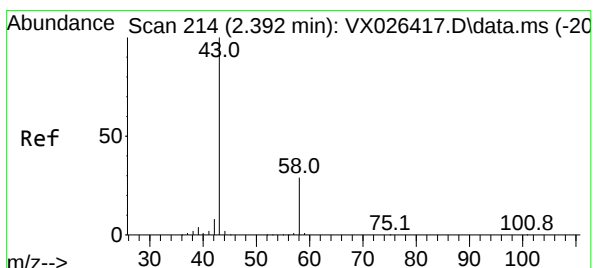
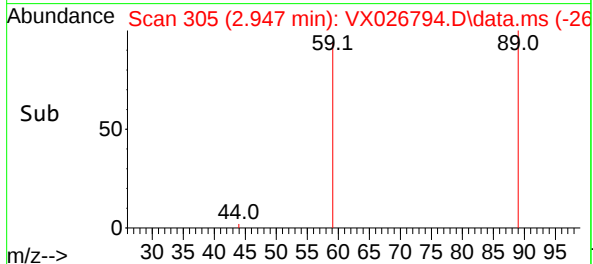
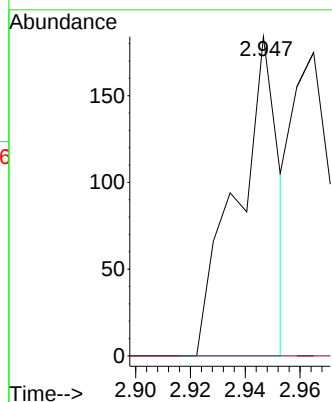
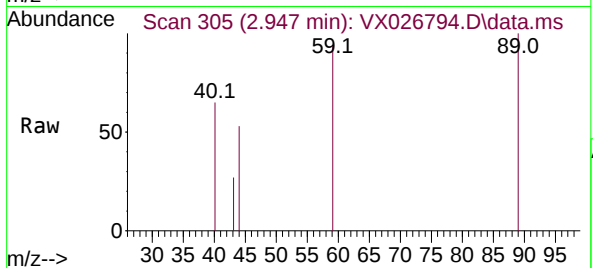
KTS1-WC-S-MH-01-02-0-15

Tgt Ion: 59 Resp: 195

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 14.095 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX026794.D

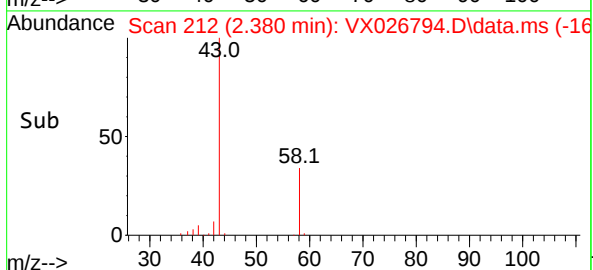
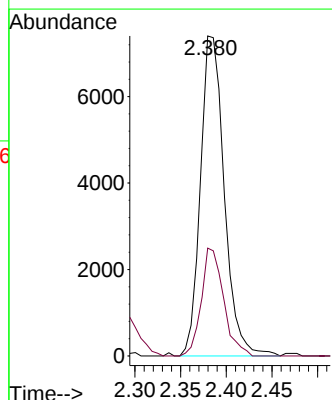
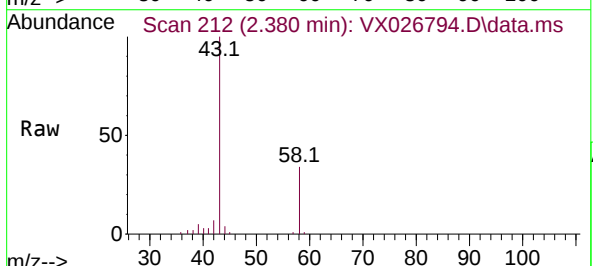
Acq: 07 Feb 2022 18:57

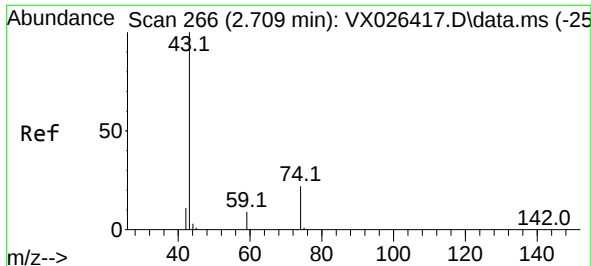
Tgt Ion: 43 Resp: 13427

Ion Ratio Lower Upper

43 100

58 33.7 23.0 34.6





#18

Methyl Acetate

Concen: 0.397 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX026794.D

Acq: 07 Feb 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

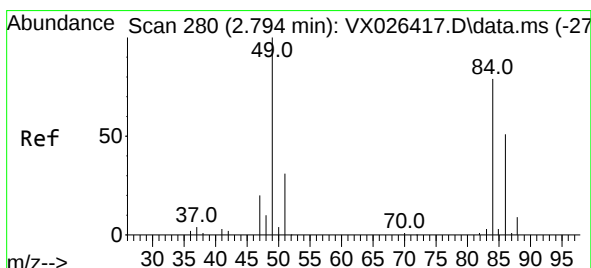
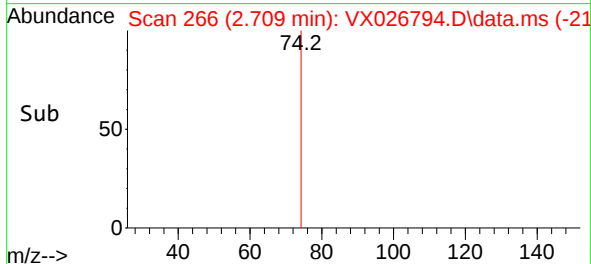
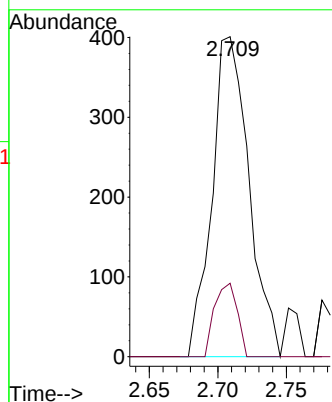
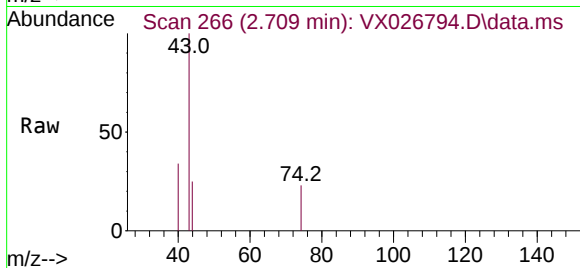
KTS1-WC-S-MH-01-02-0-15

Tgt Ion: 43 Resp: 752

Ion Ratio Lower Upper

43 100

74 14.1 18.3 27.5#



#20

Methylene Chloride

Concen: 0.660 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026794.D

Acq: 07 Feb 2022 18:57

Tgt Ion: 84 Resp: 1039

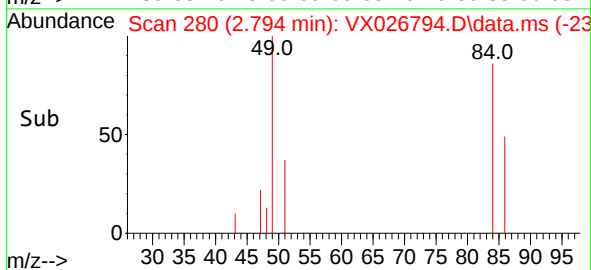
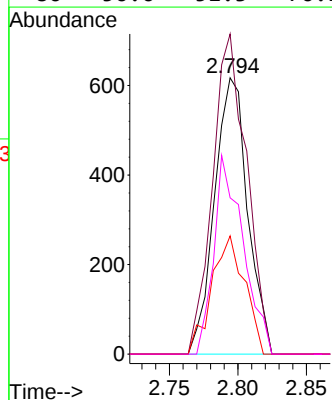
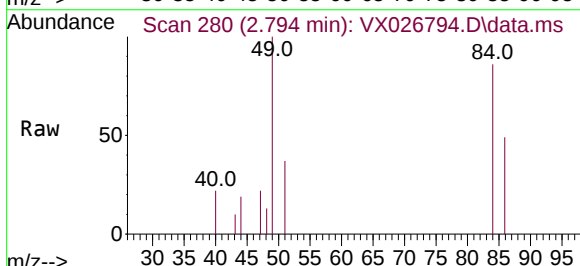
Ion Ratio Lower Upper

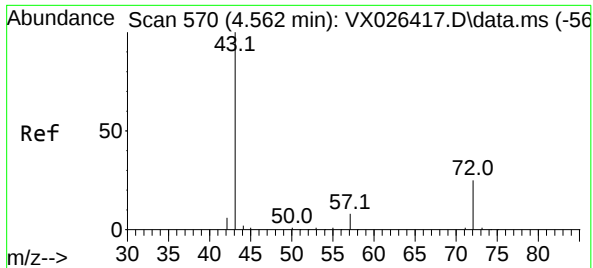
84 100

49 115.9 101.5 152.3

51 42.8 31.2 46.8

86 56.6 51.3 76.9

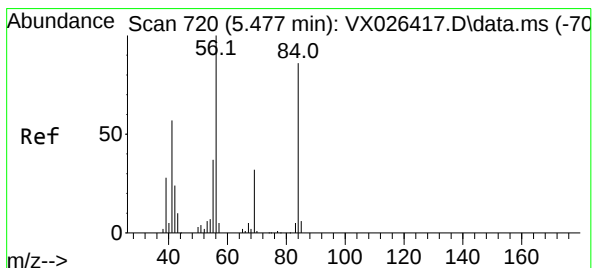
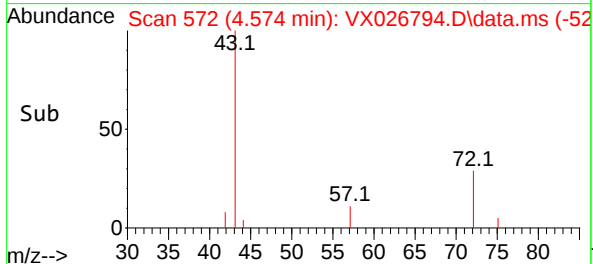
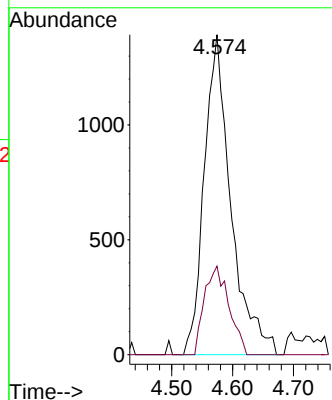
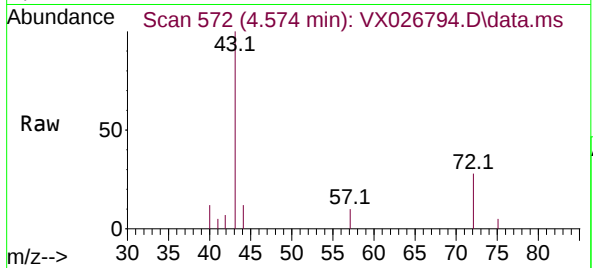




#25
2-Butanone
Concen: 3.423 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

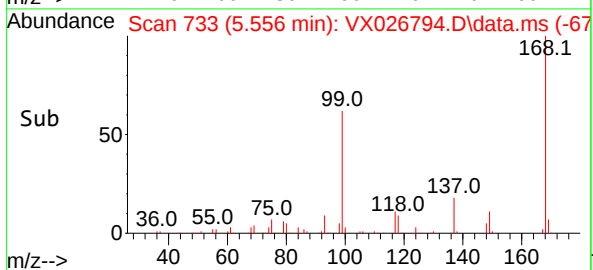
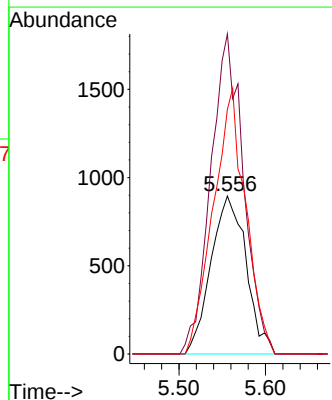
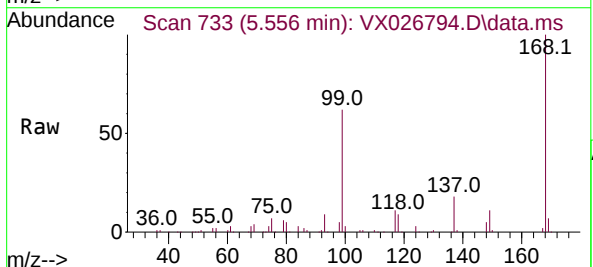
Instrument :
MSVOA_X
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

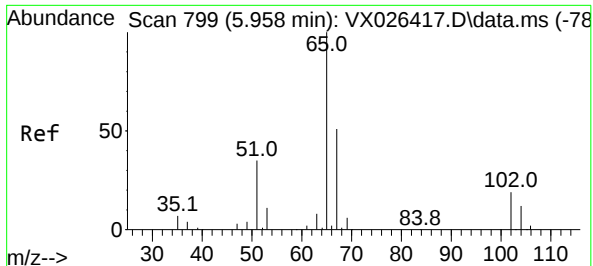
Tgt Ion: 43 Resp: 4241
Ion Ratio Lower Upper
43 100
72 27.6 20.4 30.6



#31
Cyclohexane
Concen: 0.919 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Tgt Ion: 56 Resp: 2531
Ion Ratio Lower Upper
56 100
69 202.7 25.8 38.6#
84 155.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 43.962 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026794.D

Acq: 07 Feb 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

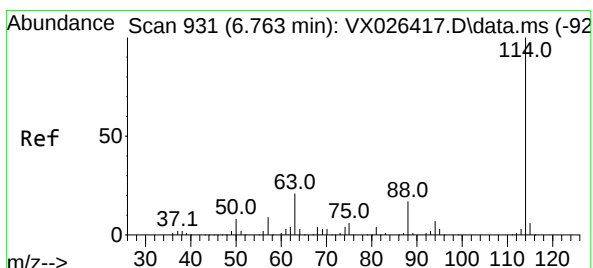
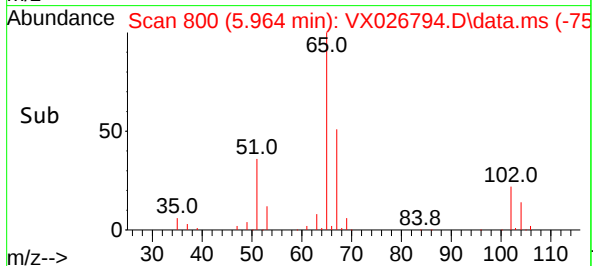
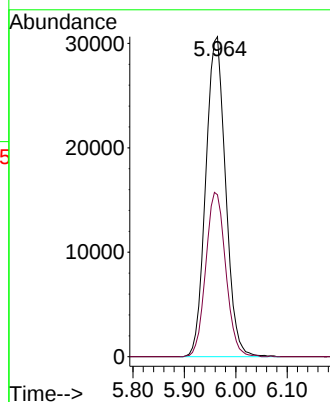
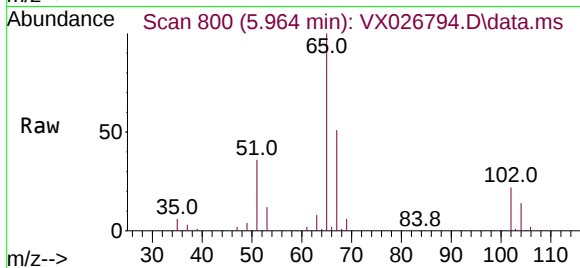
KTS1-WC-S-MH-01-02-0-15

Tgt Ion: 65 Resp: 82119

Ion Ratio Lower Upper

65 100

67 51.7 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: VX026794.D

Acq: 07 Feb 2022 18:57

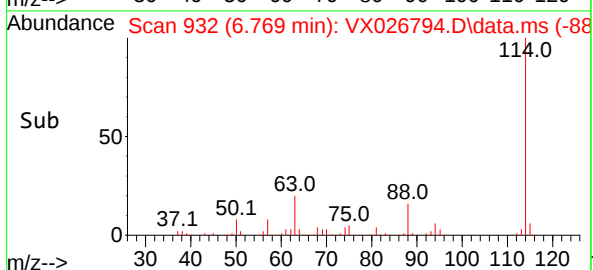
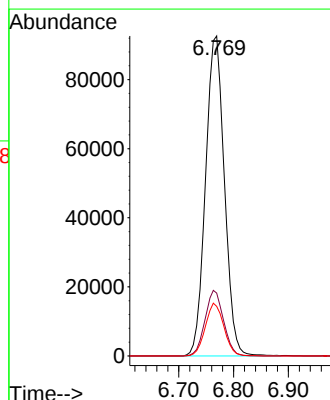
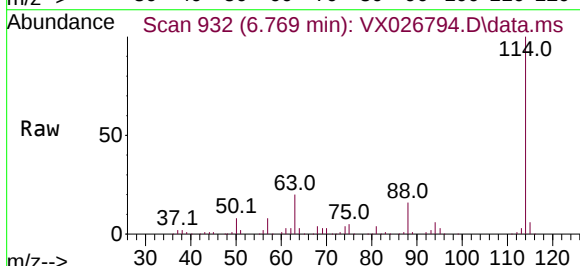
Tgt Ion:114 Resp: 221144

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

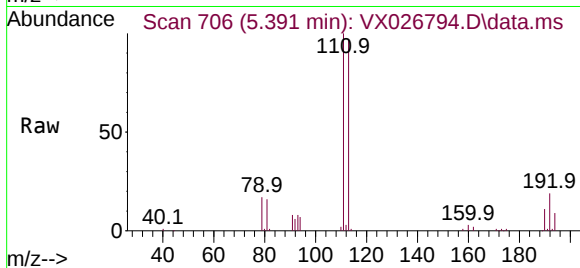
88 15.5 0.0 33.0



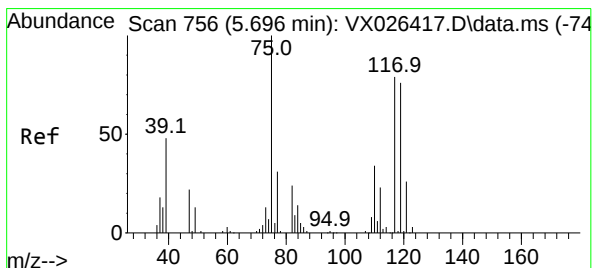
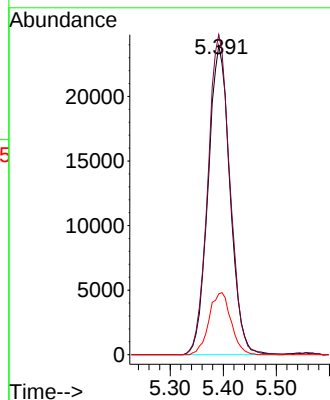
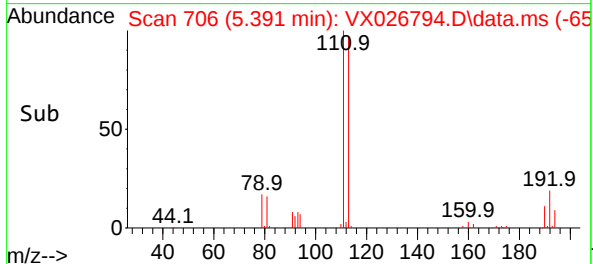


#35
Dibromofluoromethane
Concen: 48.078 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Instrument :
MSVOA_X
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

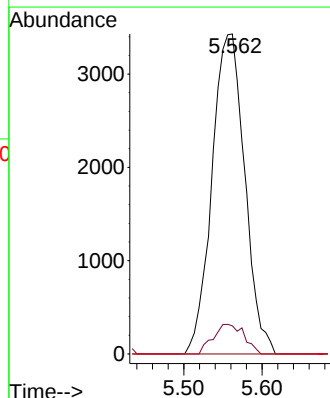
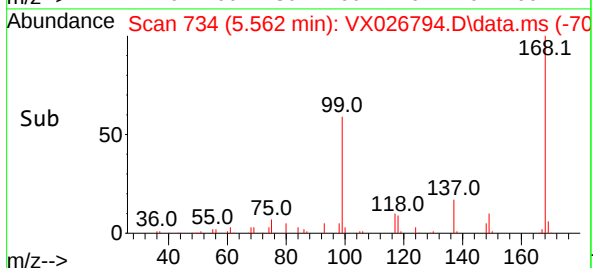
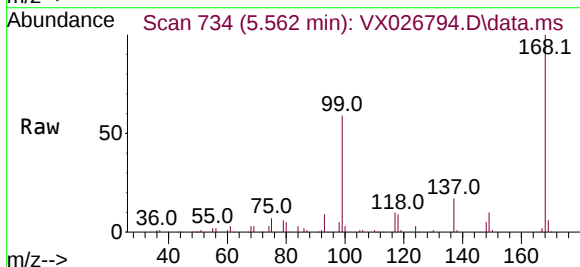


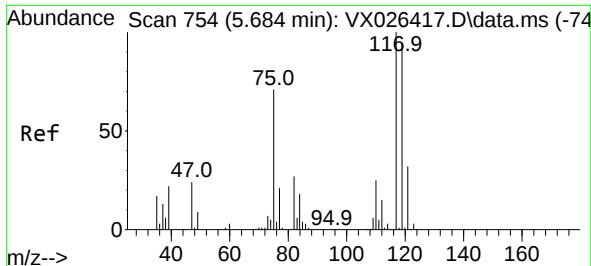
Tgt Ion:113 Resp: 68659
Ion Ratio Lower Upper
113 100
111 104.4 81.2 121.8
192 20.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

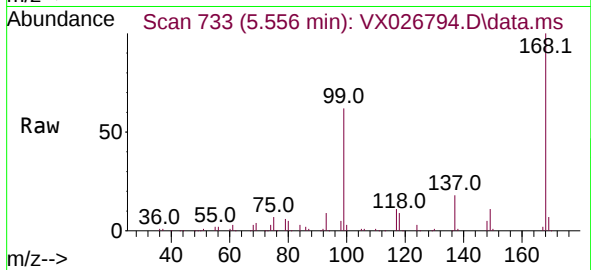
Tgt Ion: 75 Resp: 9957
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#



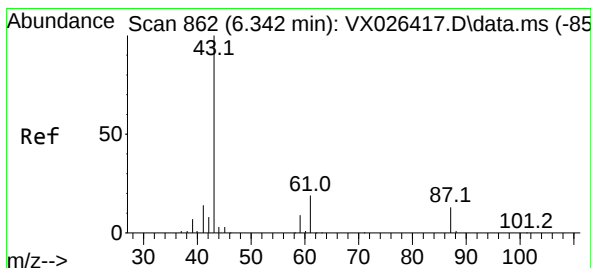
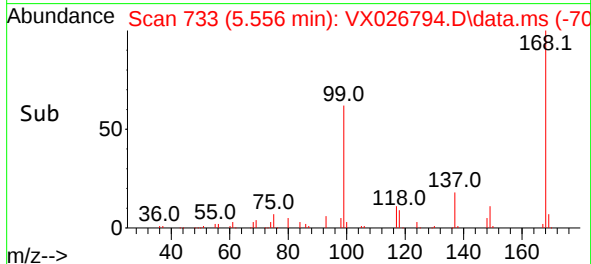
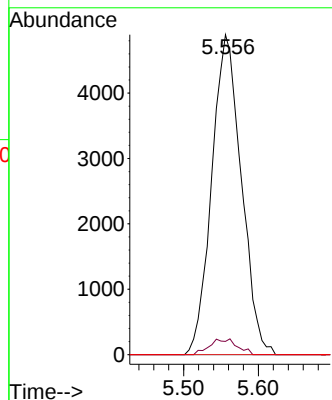


#38
Carbon Tetrachloride
Concen: 5.807 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Instrument :
MSVOA_X
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

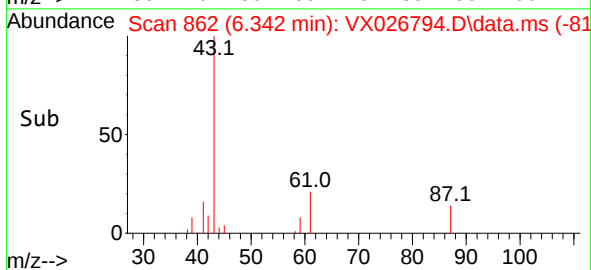
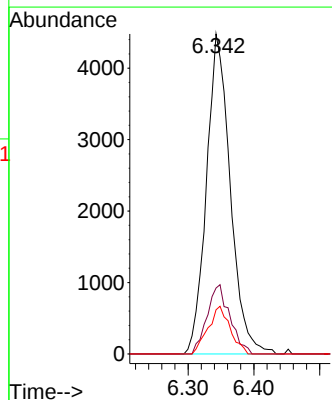
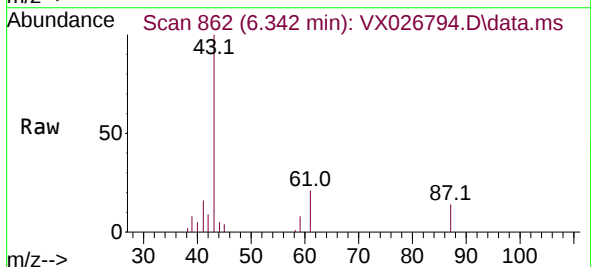


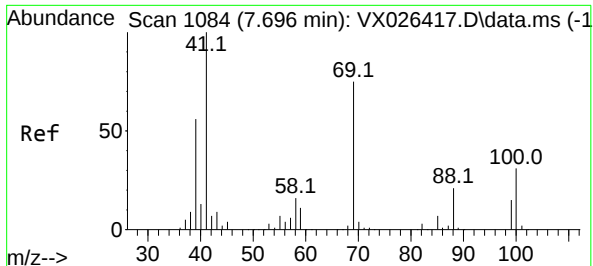
Tgt Ion:117 Resp: 13466
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.067 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Tgt Ion: 43 Resp: 11298
Ion Ratio Lower Upper
43 100
61 20.7 15.4 23.0
87 13.8 10.2 15.2





#48

Methyl methacrylate

Concen: 27.456 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026794.D

Acq: 07 Feb 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

KTS1-WC-S-MH-01-02-0-15

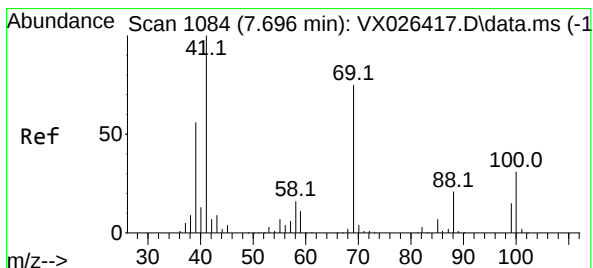
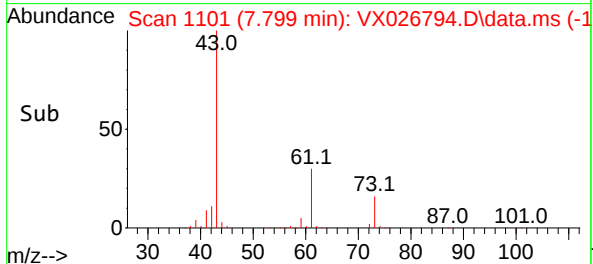
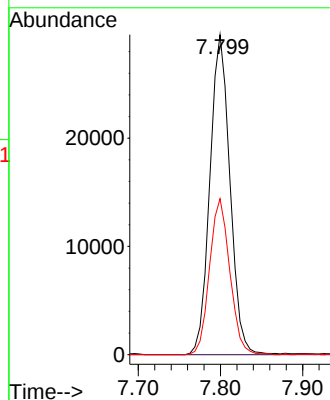
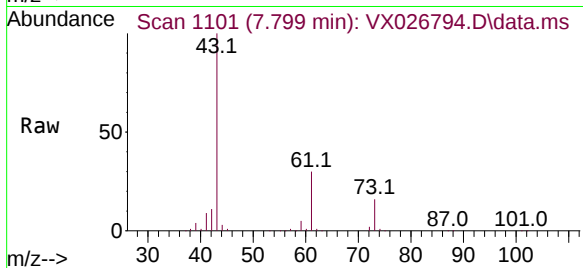
Tgt Ion: 41 Resp: 50124

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 49.2 45.4 68.0



#49

1,4-Dioxane

Concen: 1.535 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026794.D

Acq: 07 Feb 2022 18:57

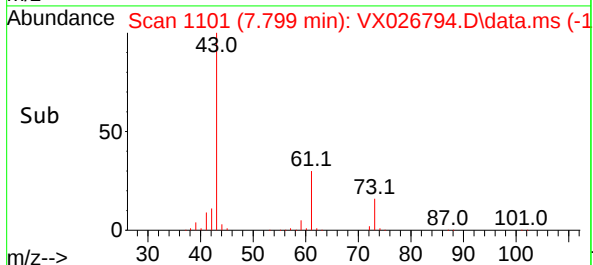
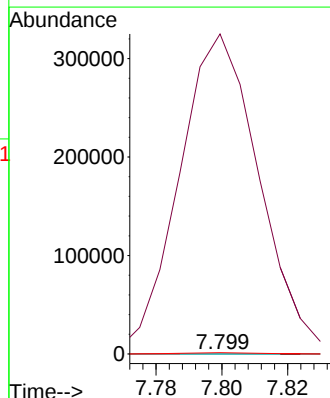
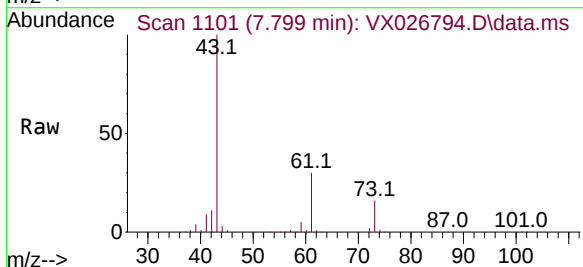
Tgt Ion: 88 Resp: 46

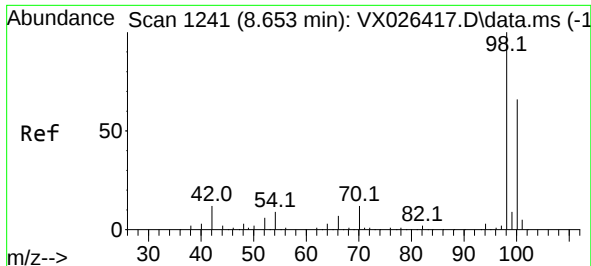
Ion Ratio Lower Upper

88 100

43 1209434.8 29.9 44.9#

58 4465.2 57.8 86.6#

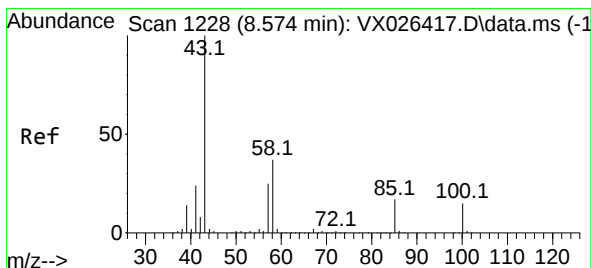
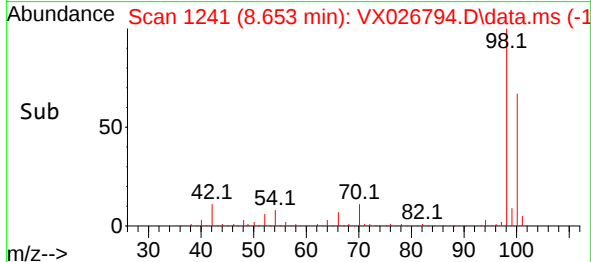
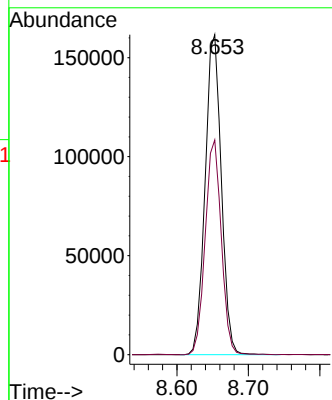
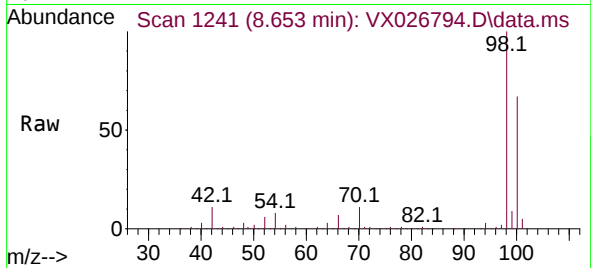




#50
Toluene-d8
Concen: 49.277 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

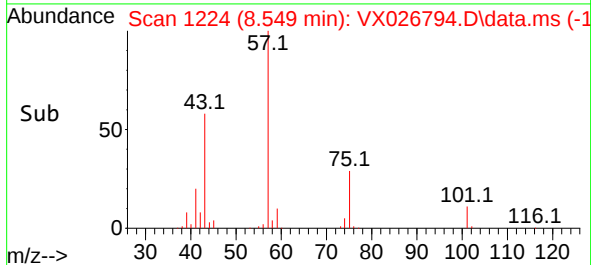
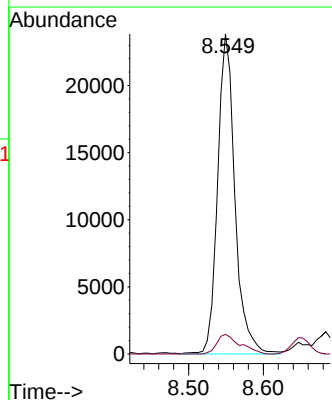
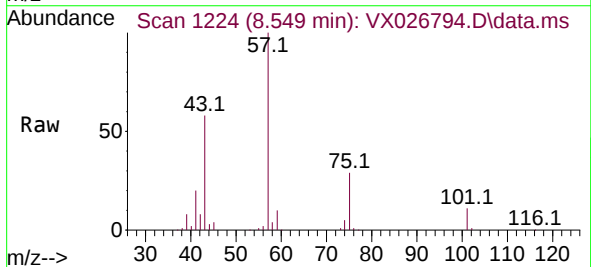
Instrument :
MSVOA_X
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

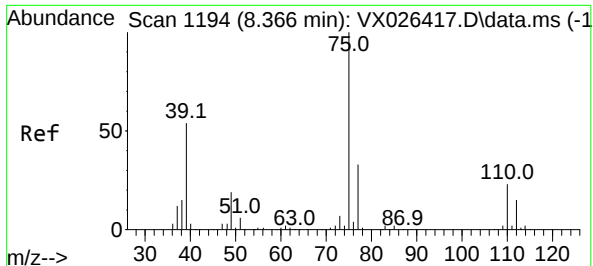
Tgt Ion: 98 Resp: 253588
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 17.590 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Tgt Ion: 43 Resp: 38435
Ion Ratio Lower Upper
43 100
58 8.1 30.5 45.7#

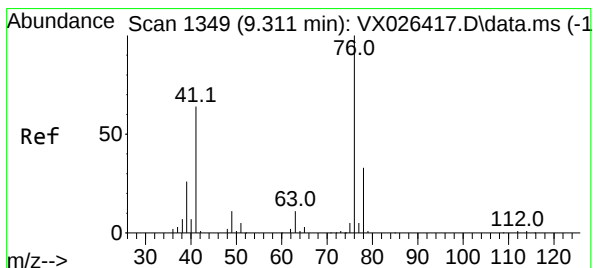
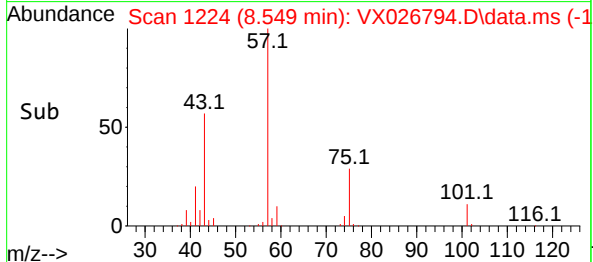
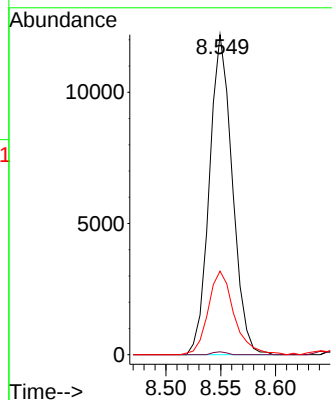
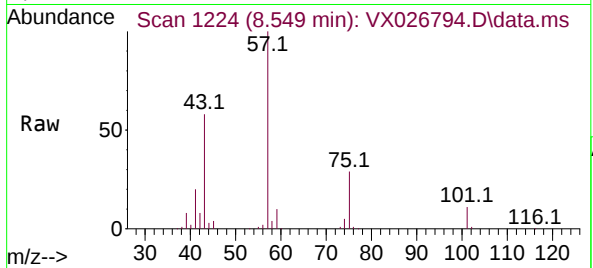




#54
 cis-1,3-Dichloropropene
 Concen: 7.444 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026794.D
 Acq: 07 Feb 2022 18:57

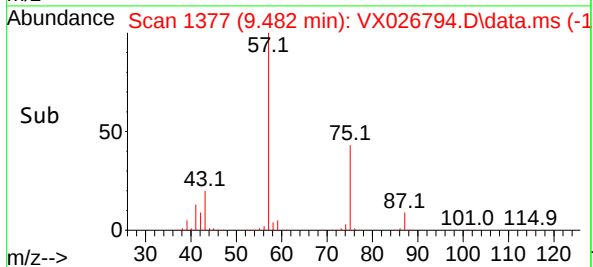
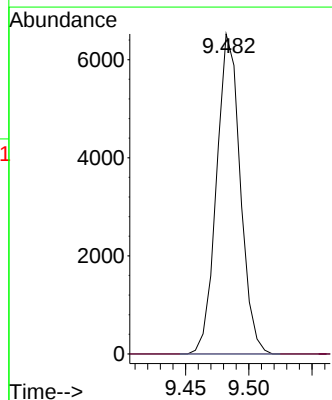
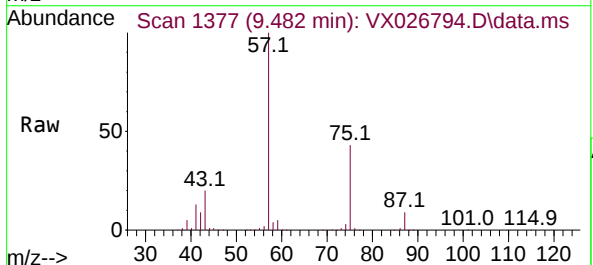
Instrument :
 MSVOA_X
 ClientSampleId :
 KTS1-WC-S-MH-01-02-0-15

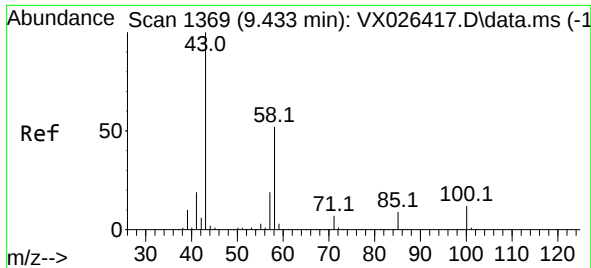
Tgt Ion: 75 Resp: 17714
 Ion Ratio Lower Upper
 75 100
 77 0.9 26.2 39.2#
 39 26.1 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 3.285 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026794.D
 Acq: 07 Feb 2022 18:57

Tgt Ion: 76 Resp: 8493
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

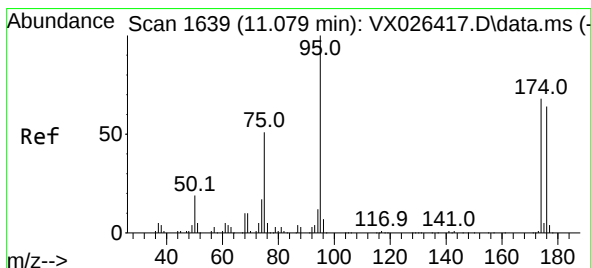
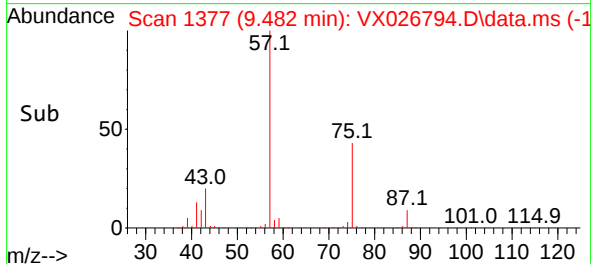
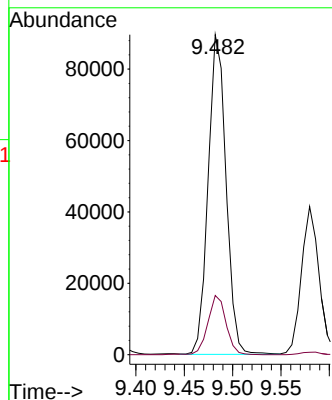
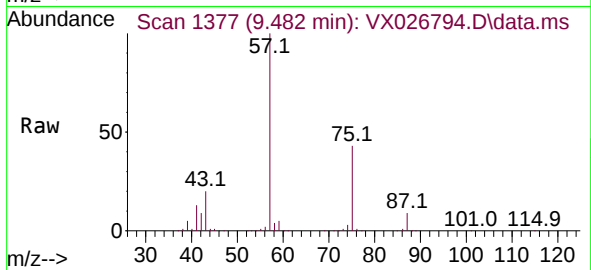




#59
2-Hexanone
Concen: 69.154 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

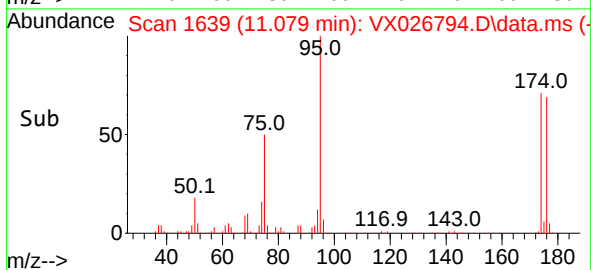
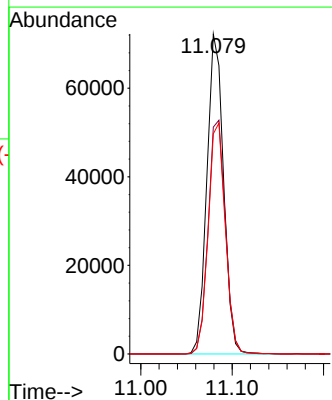
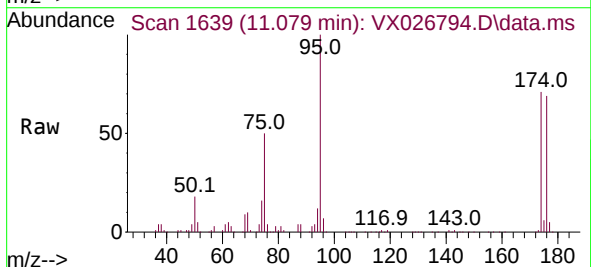
Instrument :
MSVOA_X
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

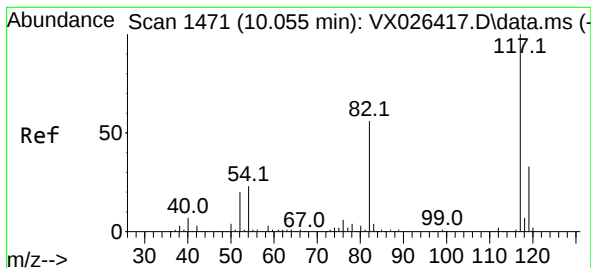
Tgt Ion: 43 Resp: 115649
Ion Ratio Lower Upper
43 100
58 18.8 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 49.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Tgt Ion: 95 Resp: 91324
Ion Ratio Lower Upper
95 100
174 75.9 0.0 148.6
176 73.8 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: VX026794.D

Acq: 07 Feb 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

KTS1-WC-S-MH-01-02-0-15

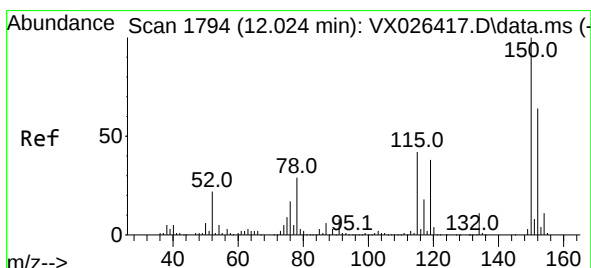
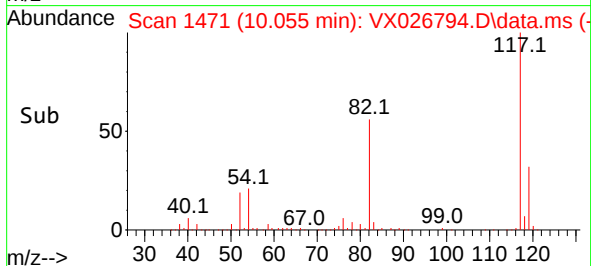
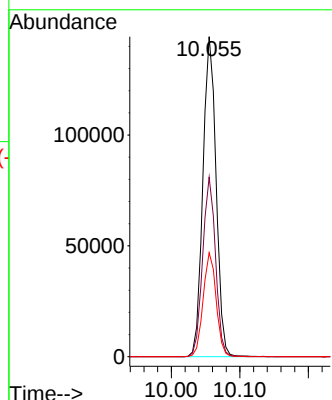
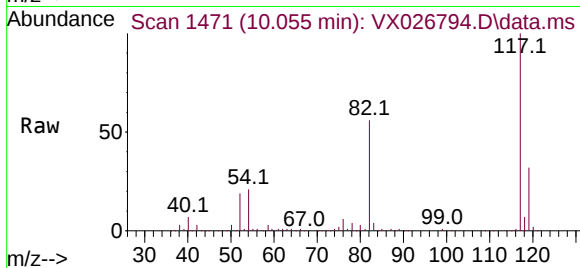
Tgt Ion:117 Resp: 193513

Ion Ratio Lower Upper

117 100

82 56.1 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: VX026794.D

Acq: 07 Feb 2022 18:57

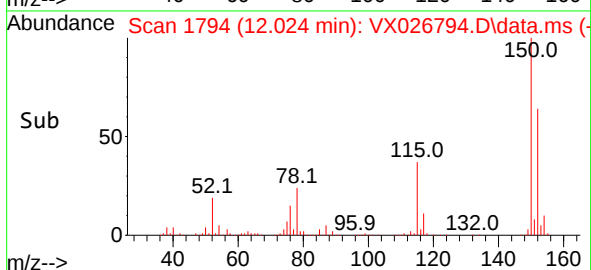
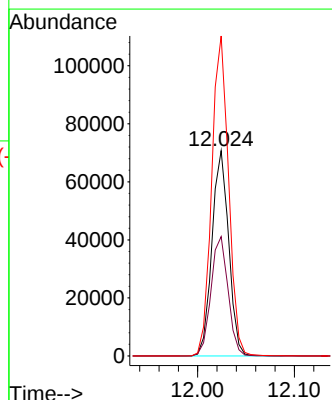
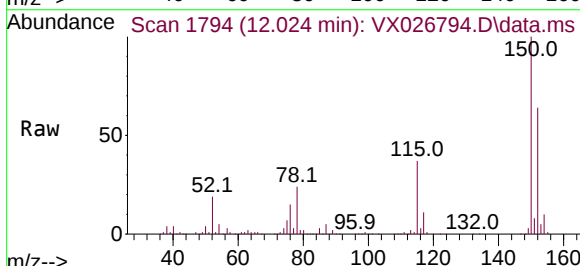
Tgt Ion:152 Resp: 85020

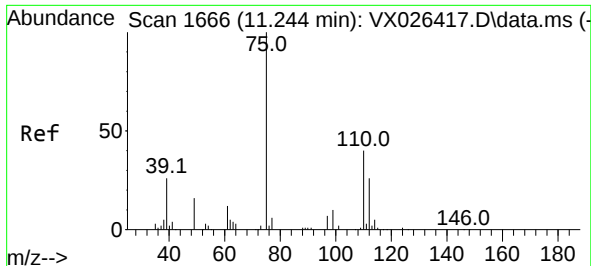
Ion Ratio Lower Upper

152 100

115 59.4 44.2 132.6

150 157.1 0.0 348.2

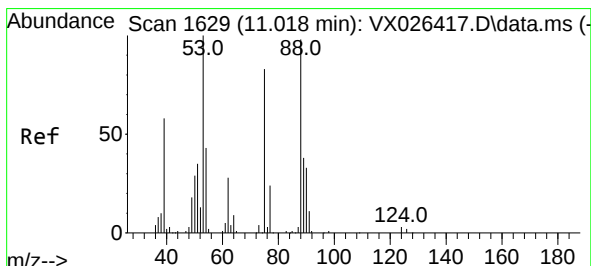
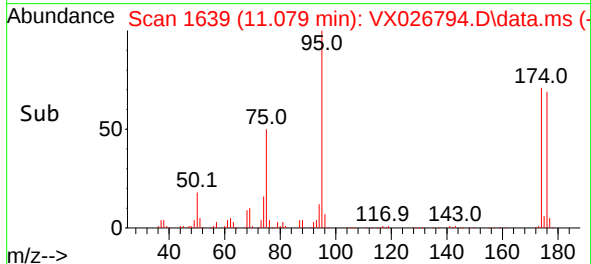
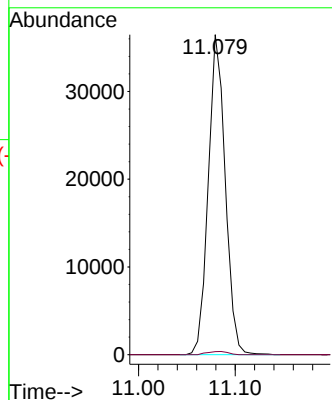
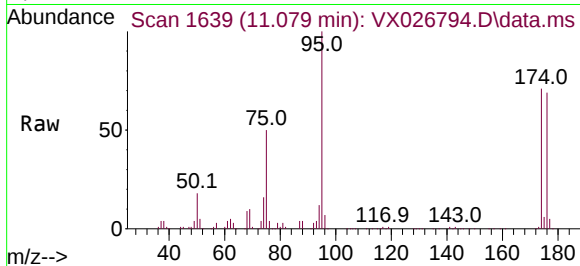




#76
1,2,3-Trichloropropane
Concen: 23.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

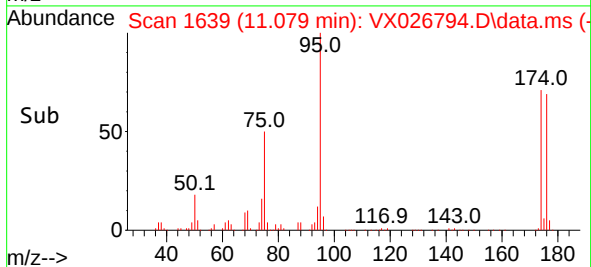
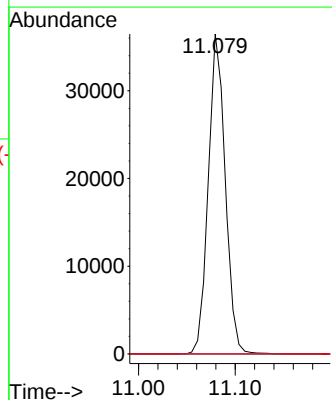
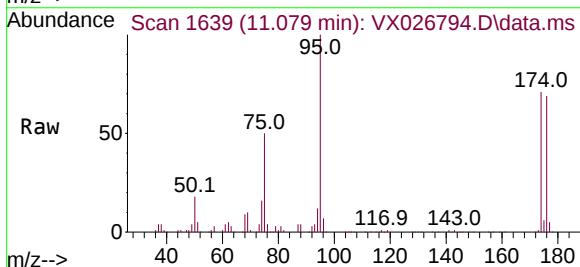
Instrument :
MSVOA_X
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

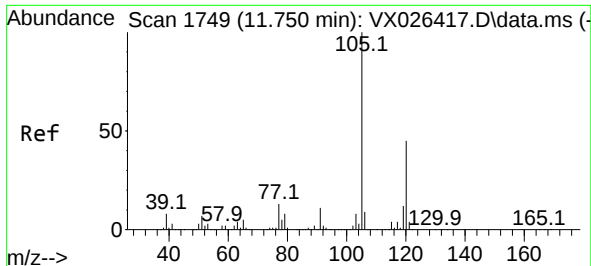
Tgt Ion: 75 Resp: 44572
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Tgt Ion: 75 Resp: 44572
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

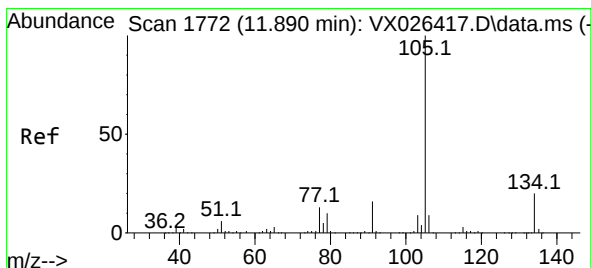
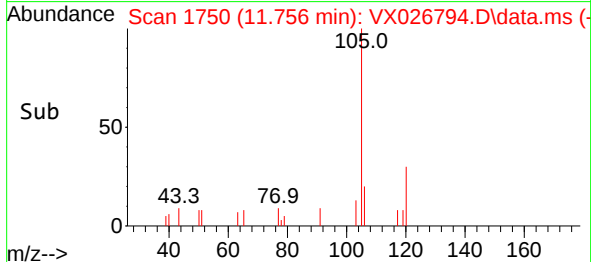
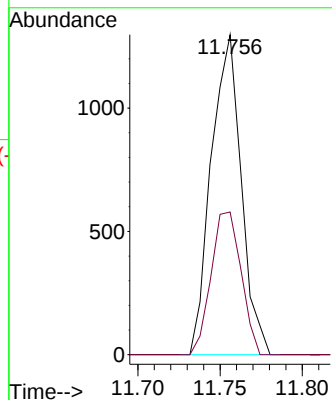
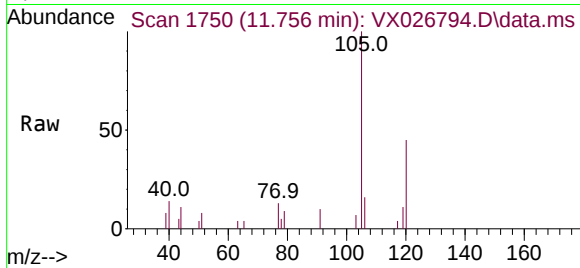




#84
1,2,4-Trimethylbenzene
Concen: 0.287 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

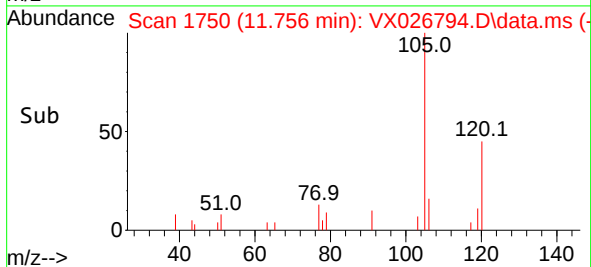
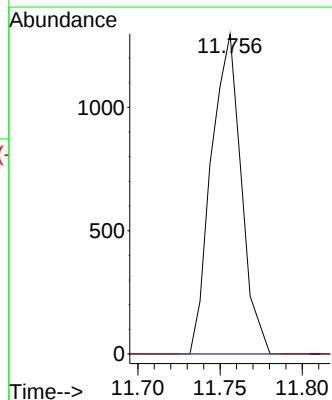
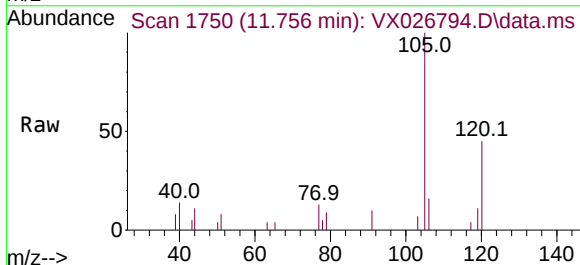
Instrument :
MSVOA_X
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

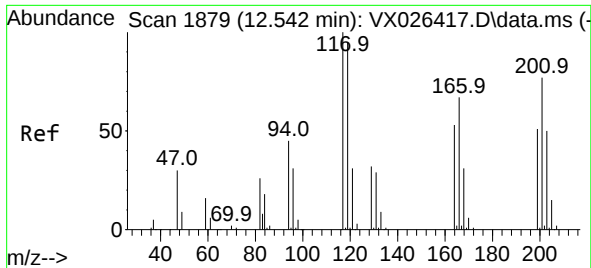
Tgt Ion:105 Resp: 1647
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.237 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX026794.D
Acq: 07 Feb 2022 18:57

Tgt Ion:105 Resp: 1647
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#90
 Hexachloroethane
 Concen: 2.219 ug/l
 RT: 12.622 min Scan# 11
 Delta R.T. 0.080 min
 Lab File: VX026794.D
 Acq: 07 Feb 2022 18:57

Instrument : MSVOA_X
 ClientSampleId : KTS1-WC-S-MH-01-02-0-15

Tgt Ion:117 Resp: 42
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.6 106.8#

