

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026860.D
 Acq On : 09 Feb 2022 06:38
 Operator : JC/MD
 Sample : N1432-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-6

Quant Time: Feb 09 07:10:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	134064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86458	53.724	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.440%	
35) Dibromofluoromethane	5.391	113	69269	51.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.660%	
50) Toluene-d8	8.653	98	265465	54.113	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.220%	
62) 4-Bromofluorobenzene	11.079	95	101538	58.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.580%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.831	64	23	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	580	1.995	ug/l #	75
16) Acetone	2.386	43	5135	7.265	ug/l	94
18) Methyl Acetate	2.709	43	792	0.389	ug/l #	66
20) Methylene Chloride	2.794	84	1728	1.128	ug/l	97
25) 2-Butanone	4.580	43	1033	0.907	ug/l #	84
31) Cyclohexane	5.556	56	2569	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10241	4.857	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13436	6.077	ug/l #	17
43) Isopropyl Acetate	6.348	43	10874	2.950	ug/l	99
48) Methyl methacrylate	7.598	41	3319	1.817	ug/l #	16
49) 1,4-Dioxane	7.793	88	49	1.557	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	39450	17.659	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18476	8.122	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	11112	4.394	ug/l #	43
59) 2-Hexanone	9.378	43	5708	3.493	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	50340	24.783	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	50340	75.622	ug/l #	3

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

Quant Time: Feb 09 07:10:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

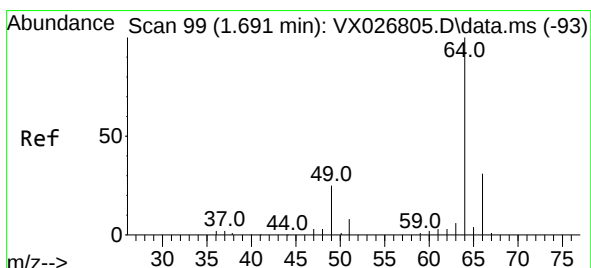
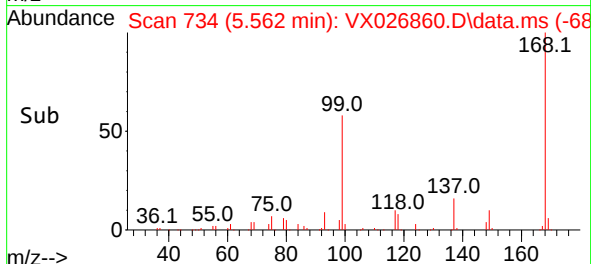
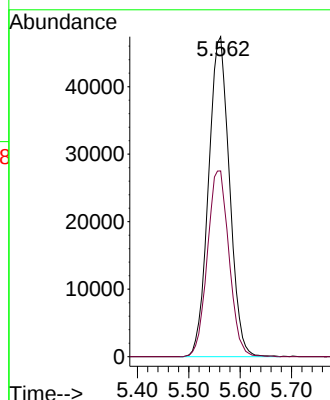
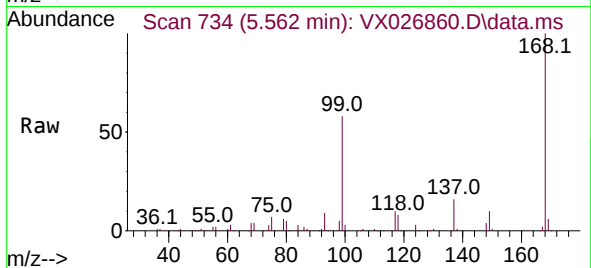




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

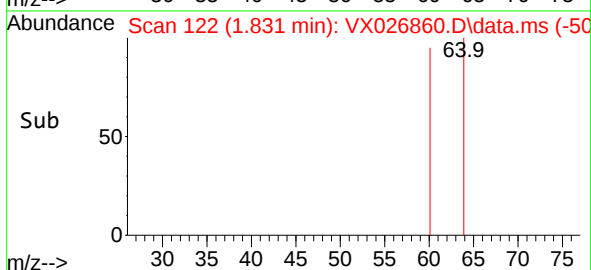
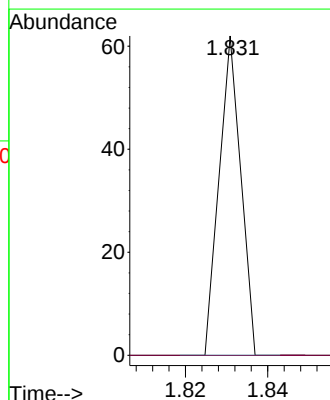
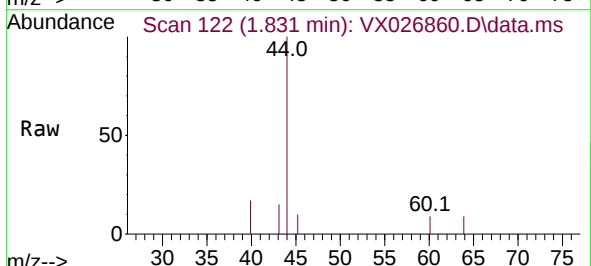
Instrument :
MSVOA_X
ClientSampleId :
SP-6

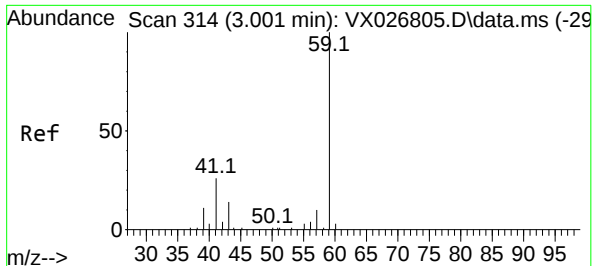
Tgt Ion:168 Resp: 134064
Ion Ratio Lower Upper
168 100
99 58.0 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.831 min Scan# 122
Delta R.T. 0.140 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.995 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.055 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

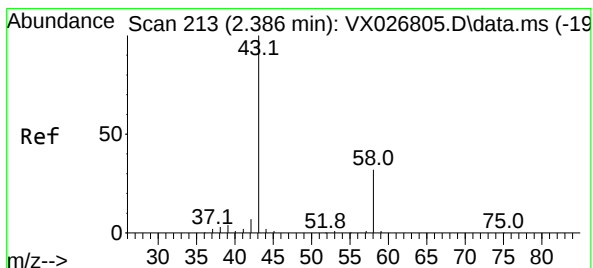
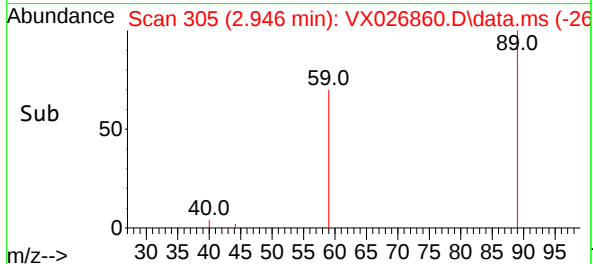
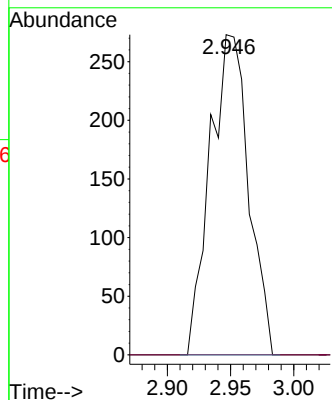
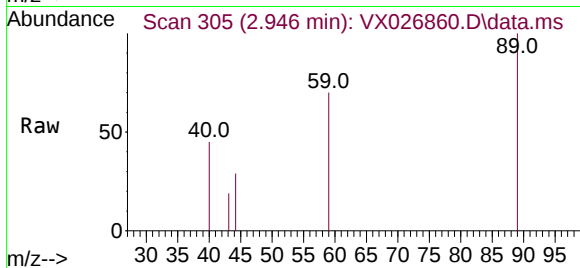
SP-6

Tgt Ion: 59 Resp: 580

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 7.265 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026860.D

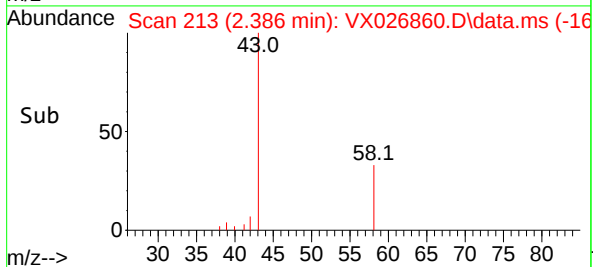
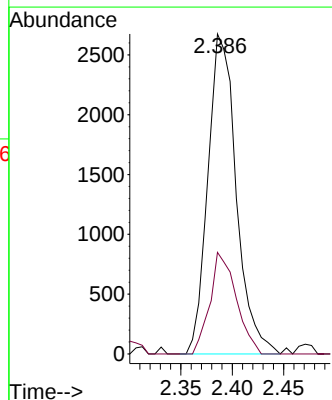
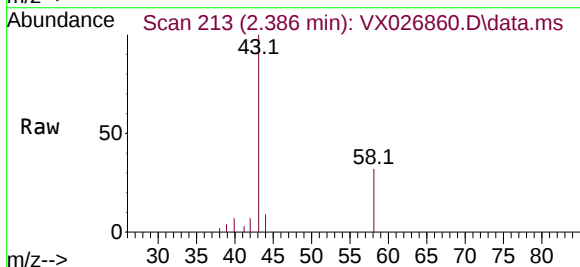
Acq: 09 Feb 2022 06:38

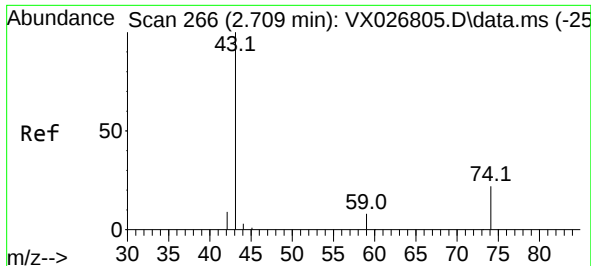
Tgt Ion: 43 Resp: 5135

Ion Ratio Lower Upper

43 100

58 31.8 23.0 34.6





#18

Methyl Acetate

Concen: 0.389 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

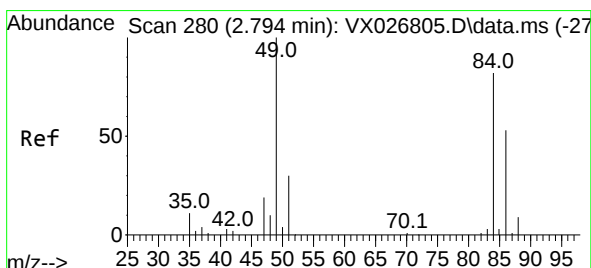
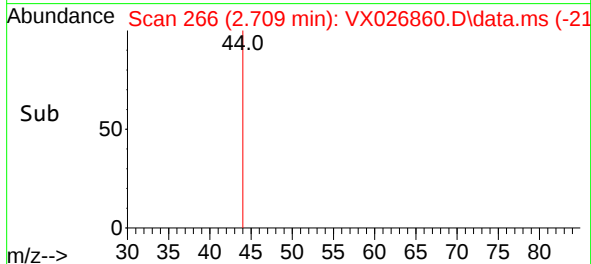
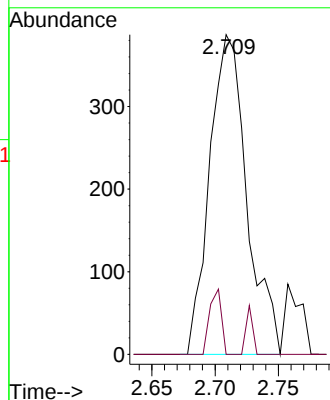
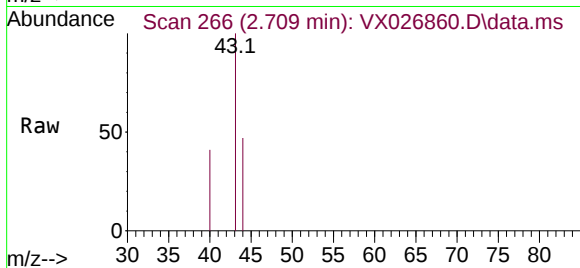
SP-6

Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

74 6.4 18.3 27.5#



#20

Methylene Chloride

Concen: 1.128 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

Tgt Ion: 84 Resp: 1728

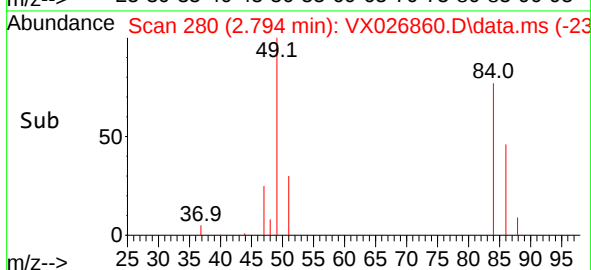
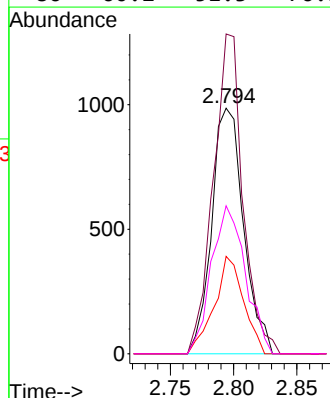
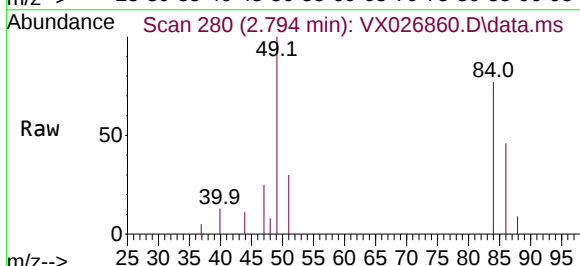
Ion Ratio Lower Upper

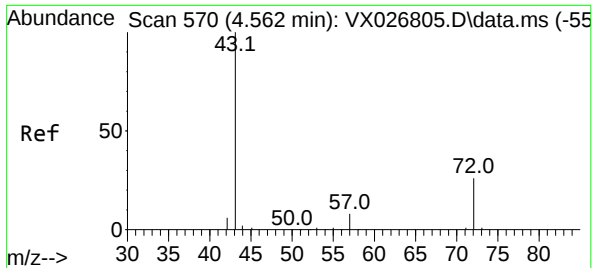
84 100

49 130.2 101.5 152.3

51 39.7 31.2 46.8

86 60.2 51.3 76.9

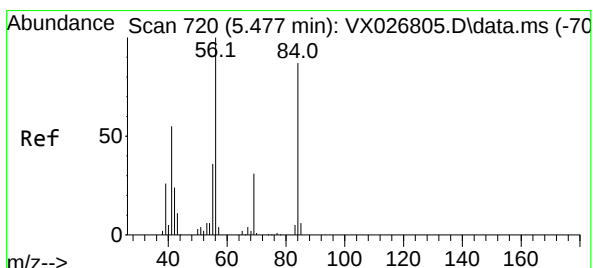
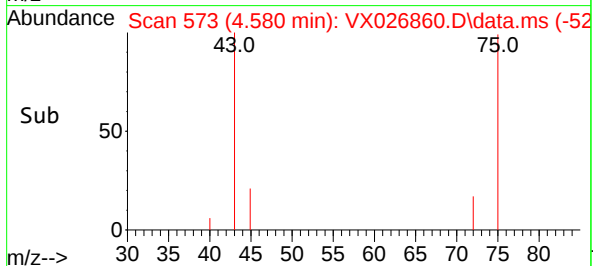
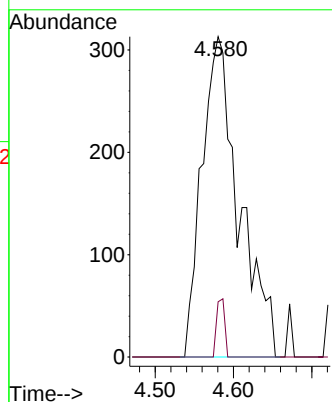
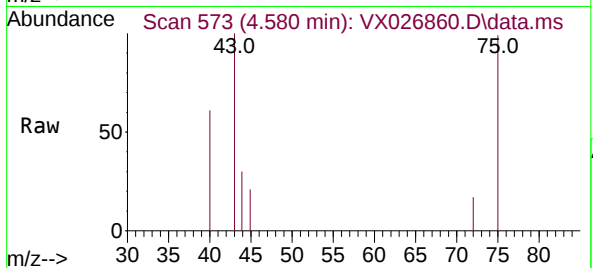




#25
2-Butanone
Concen: 0.907 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

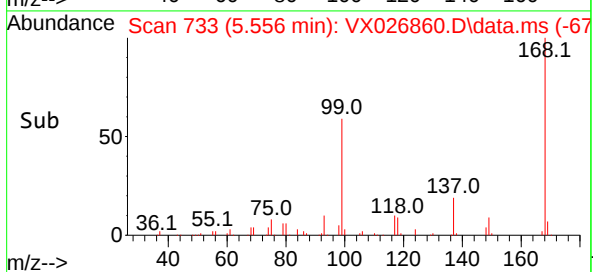
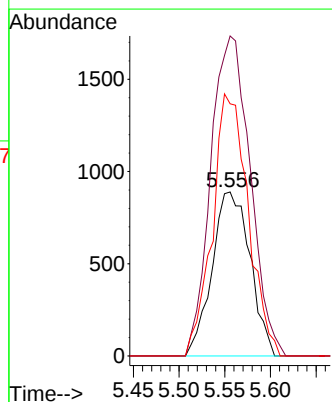
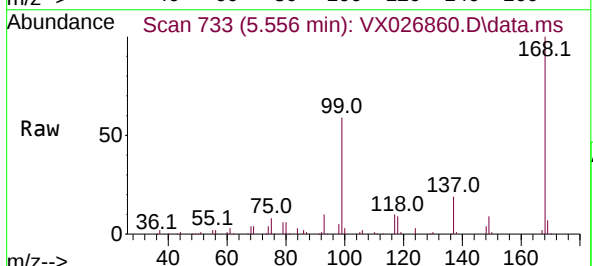
Instrument :
MSVOA_X
ClientSampleId :
SP-6

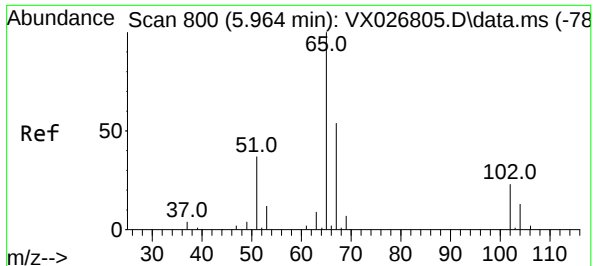
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
72 17.3 20.4 30.6#



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

Tgt Ion: 56 Resp: 2569
Ion Ratio Lower Upper
56 100
69 195.2 25.8 38.6#
84 153.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.724 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

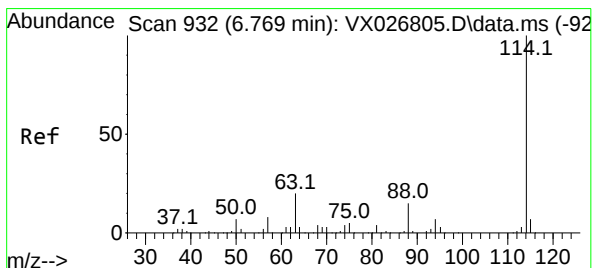
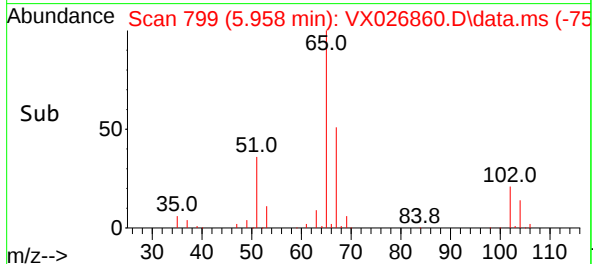
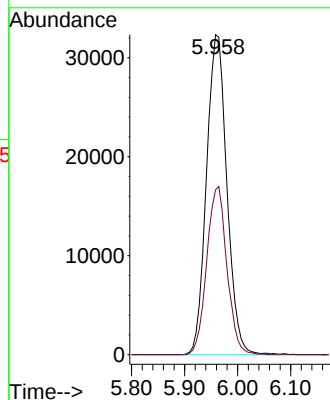
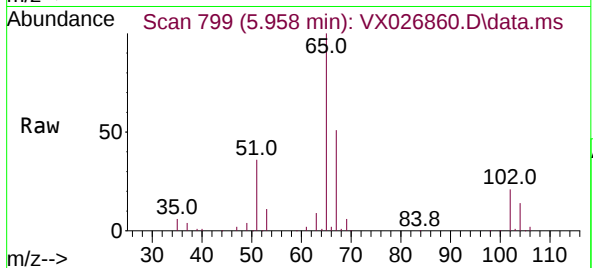
SP-6

Tgt Ion: 65 Resp: 86458

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

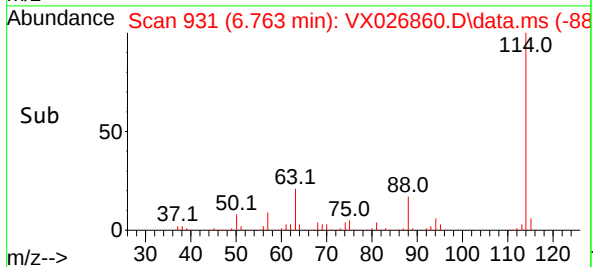
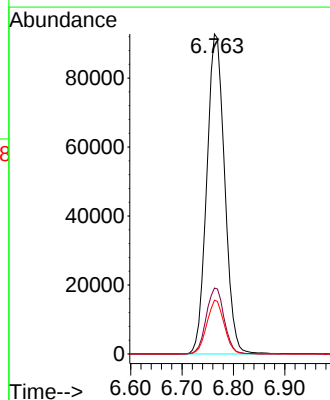
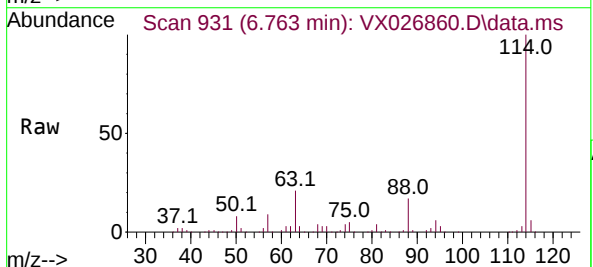
Tgt Ion: 114 Resp: 224319

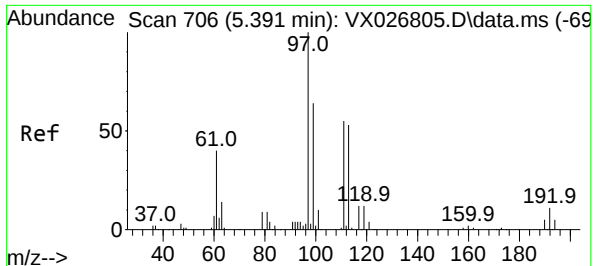
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.831 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

SP-6

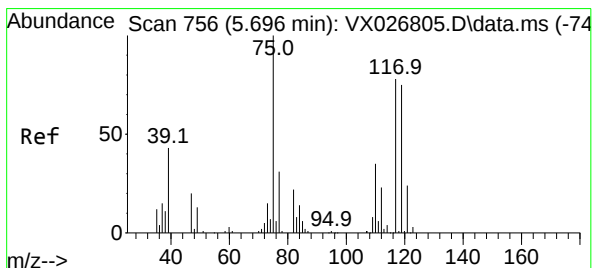
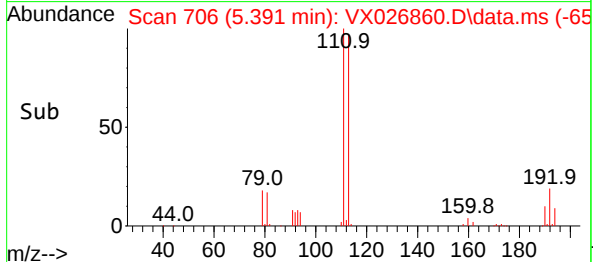
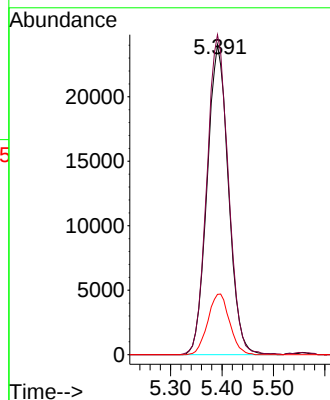
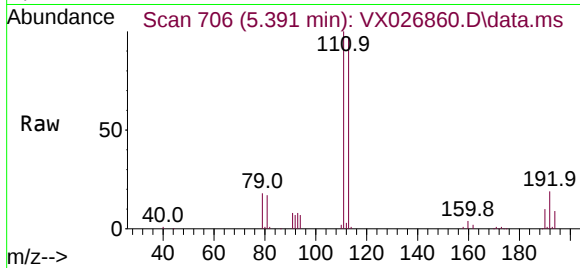
Tgt Ion:113 Resp: 69269

Ion Ratio Lower Upper

113 100

111 104.0 81.2 121.8

192 20.0 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.857 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

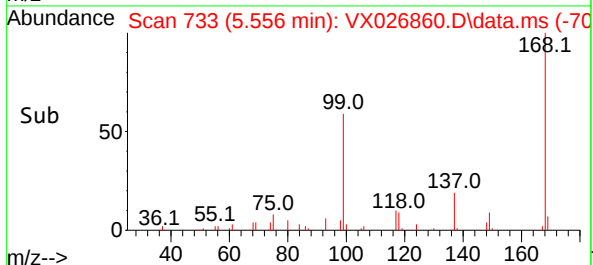
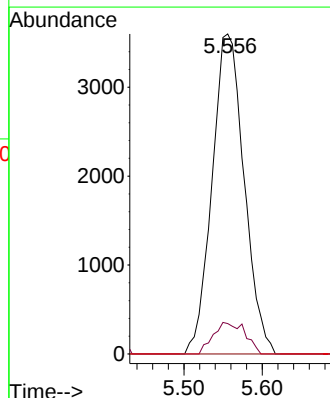
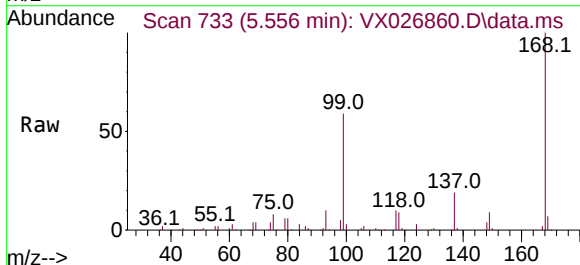
Tgt Ion: 75 Resp: 10241

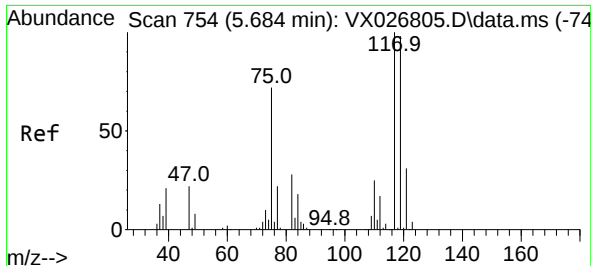
Ion Ratio Lower Upper

75 100

110 9.8 17.2 51.6#

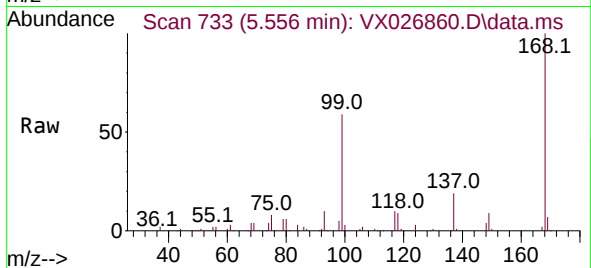
77 0.0 24.6 36.8#



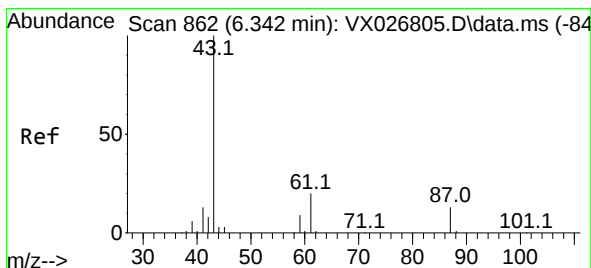
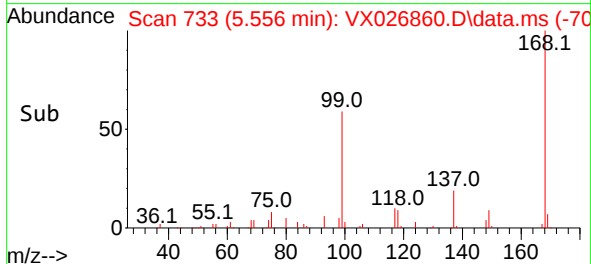
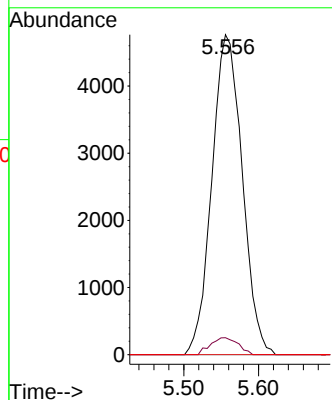


#38
Carbon Tetrachloride
Concen: 6.077 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

Instrument :
MSVOA_X
ClientSampleId :
SP-6

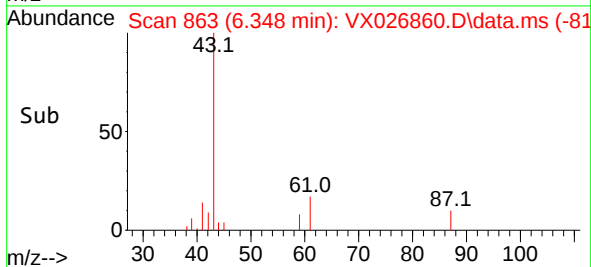
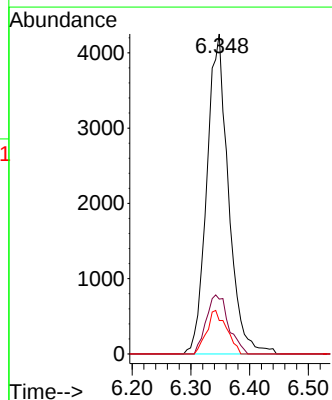
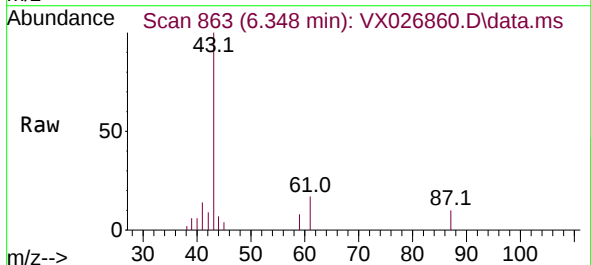


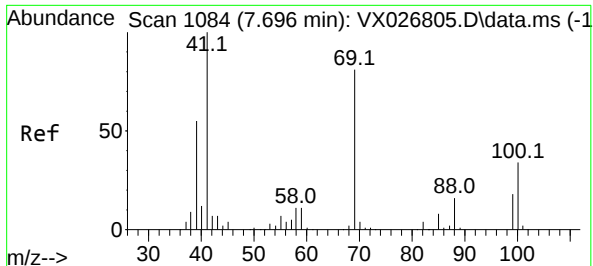
Tgt Ion:117 Resp: 13436
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 2.950 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

Tgt Ion: 43 Resp: 10874
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 12.4 10.2 15.2





#48

Methyl methacrylate

Concen: 1.817 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

SP-6

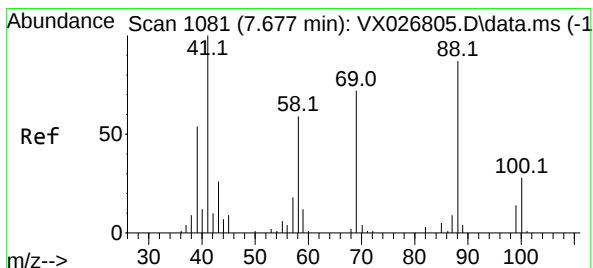
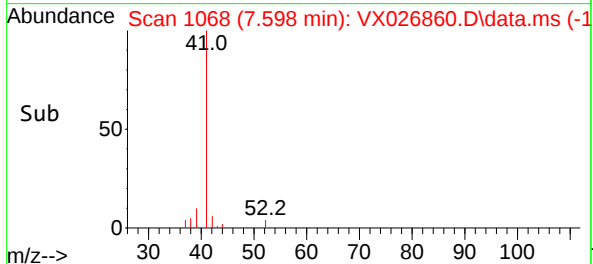
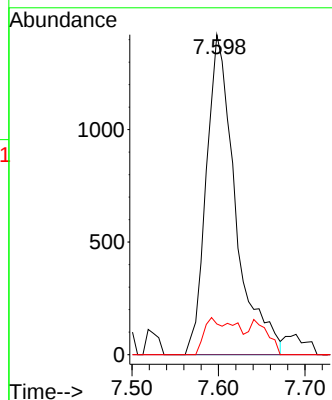
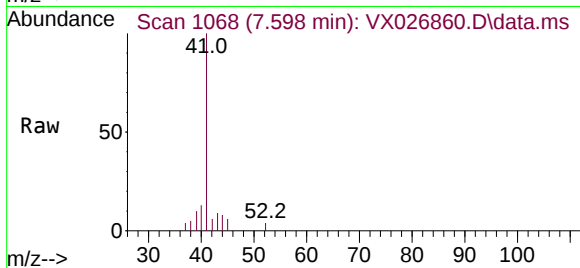
Tgt Ion: 41 Resp: 3319

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 1.557 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.116 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

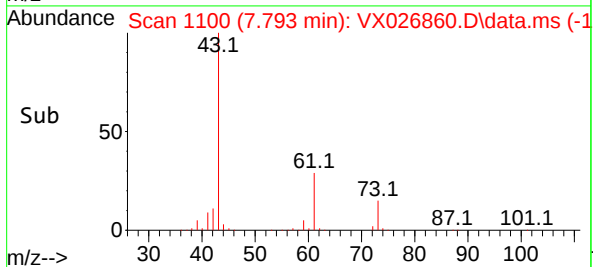
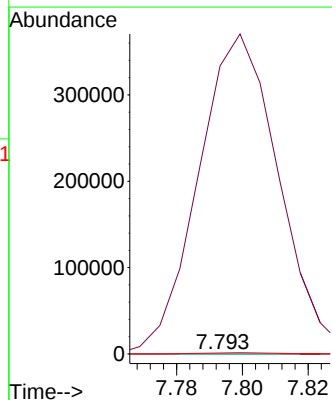
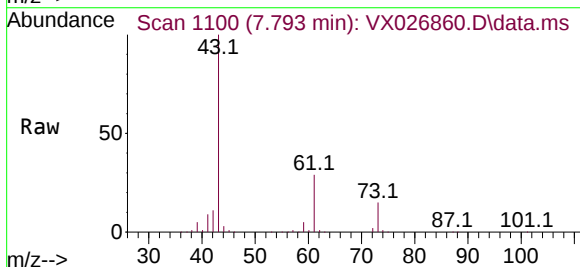
Tgt Ion: 88 Resp: 49

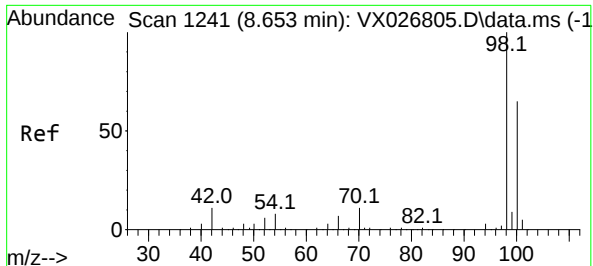
Ion Ratio Lower Upper

88 100

43 1295010.2 29.9 44.9#

58 4691.8 57.8 86.6#

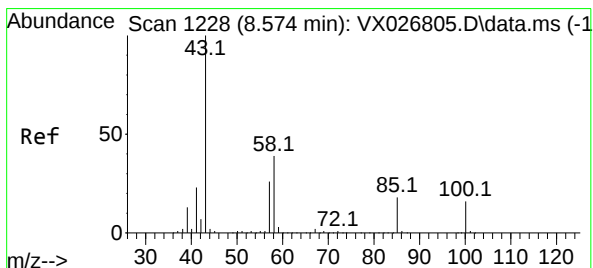
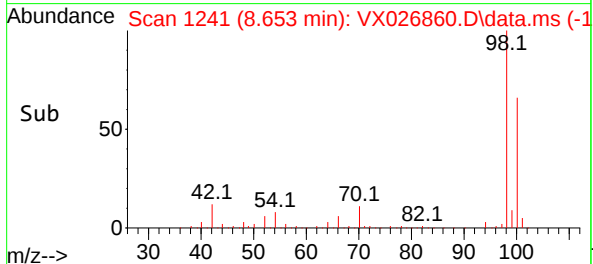
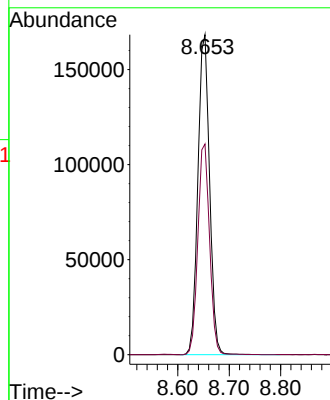
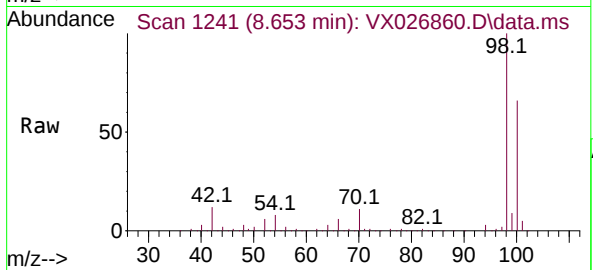




#50
Toluene-d8
Concen: 54.113 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

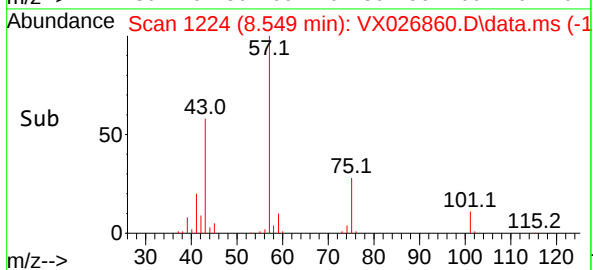
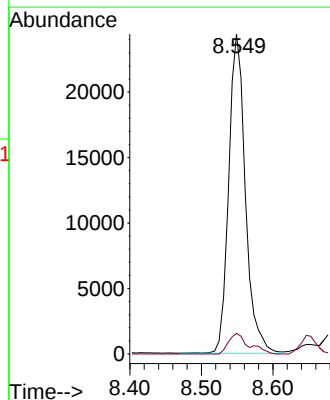
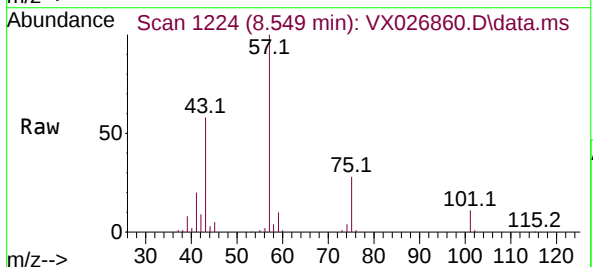
Instrument :
MSVOA_X
ClientSampleId :
SP-6

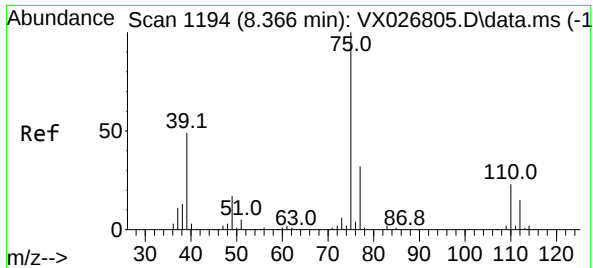
Tgt Ion: 98 Resp: 265465
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 17.659 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

Tgt Ion: 43 Resp: 39450
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#

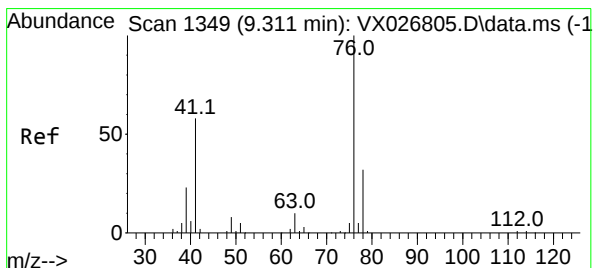
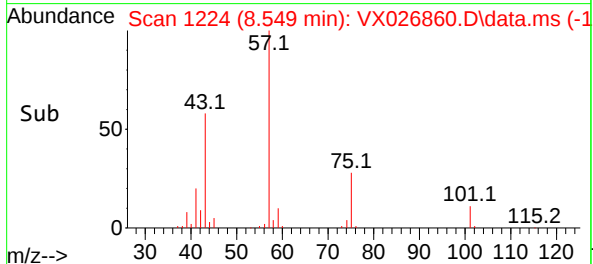
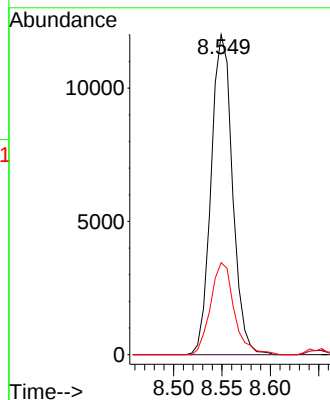
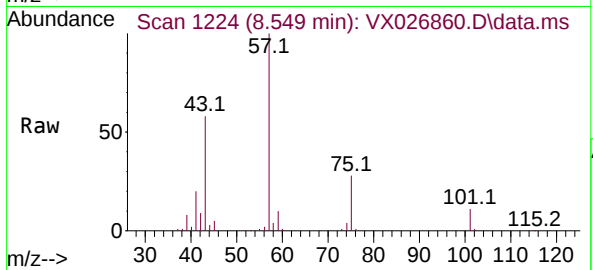




#54
 cis-1,3-Dichloropropene
 Concen: 8.122 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026860.D
 Acq: 09 Feb 2022 06:38

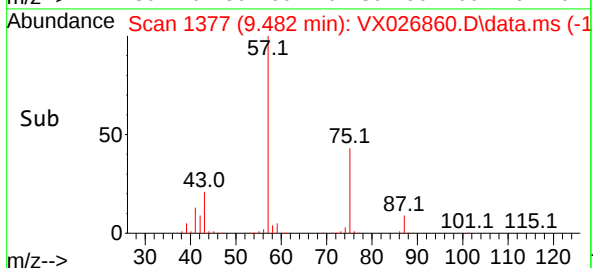
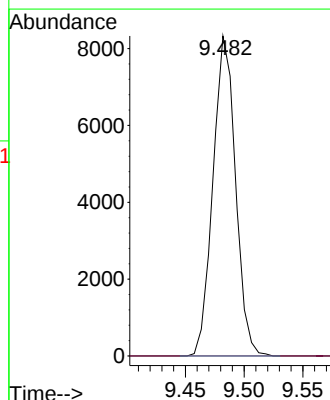
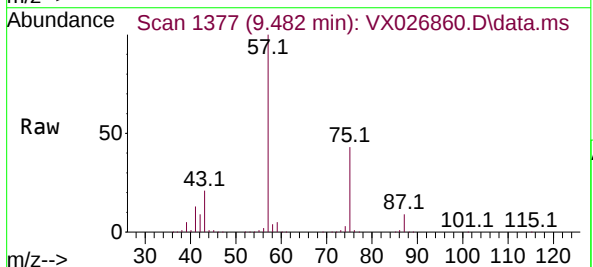
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-6

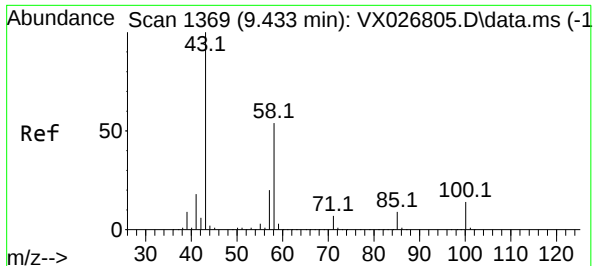
Tgt Ion: 75 Resp: 18476
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 28.8 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.394 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026860.D
 Acq: 09 Feb 2022 06:38

Tgt Ion: 76 Resp: 11112
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 3.493 ug/l

RT: 9.378 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

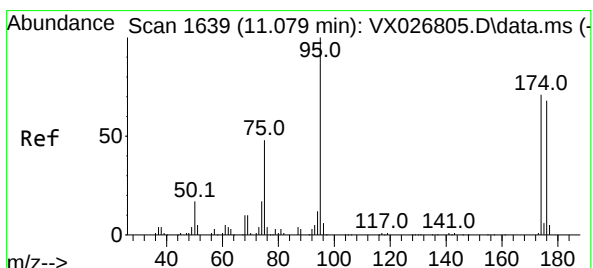
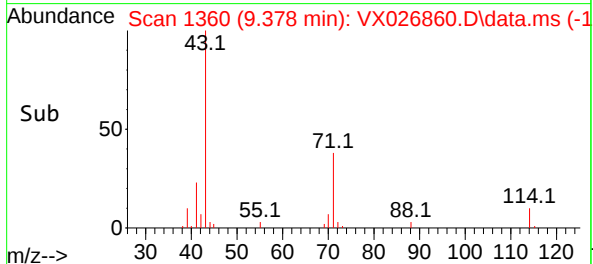
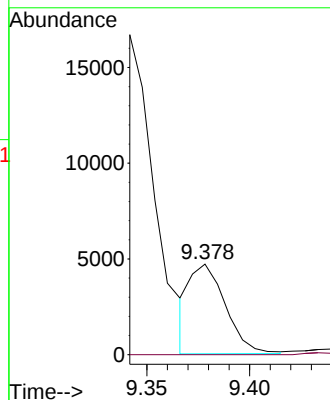
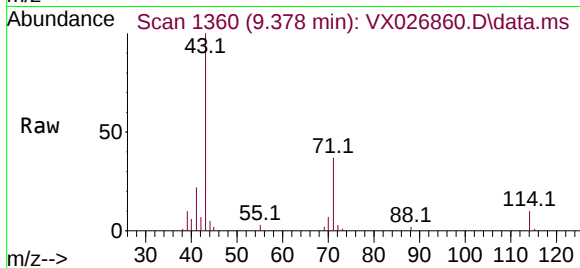
SP-6

Tgt Ion: 43 Resp: 5708

Ion Ratio Lower Upper

43 100

58 0.0 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 58.790 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026860.D

Acq: 09 Feb 2022 06:38

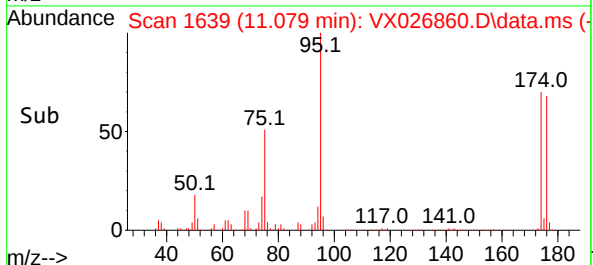
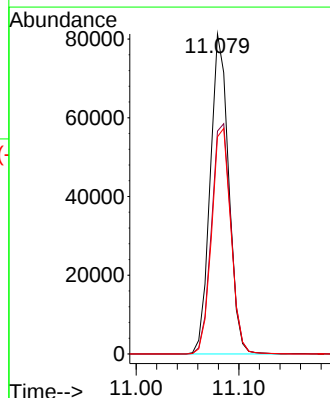
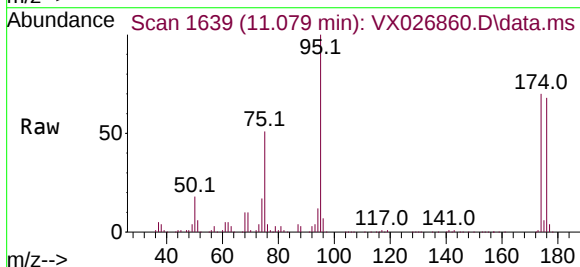
Tgt Ion: 95 Resp: 101538

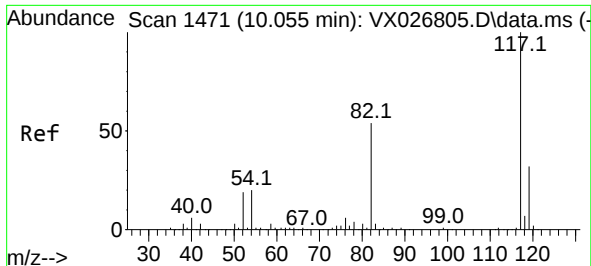
Ion Ratio Lower Upper

95 100

174 75.8 0.0 148.6

176 73.2 0.0 141.4

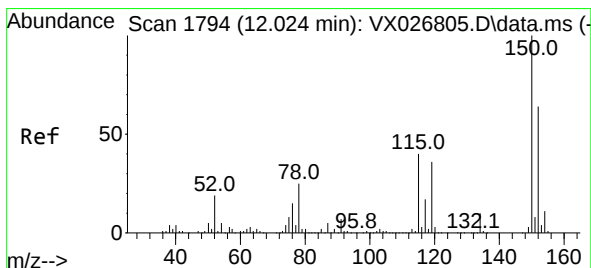
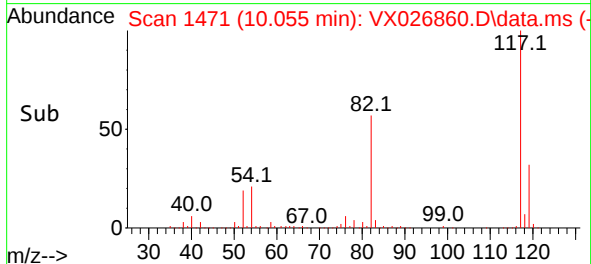
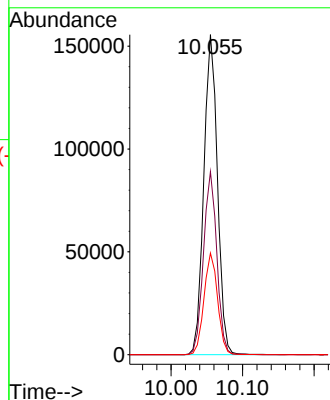
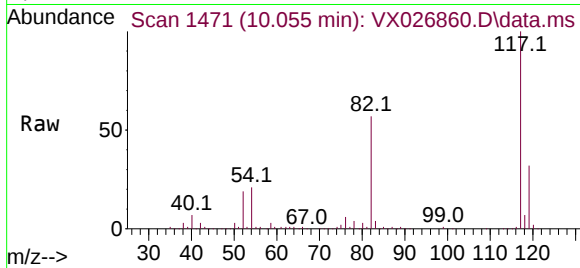




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

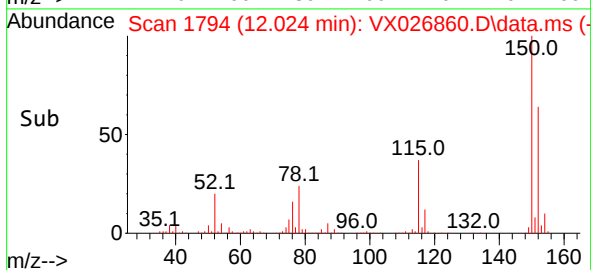
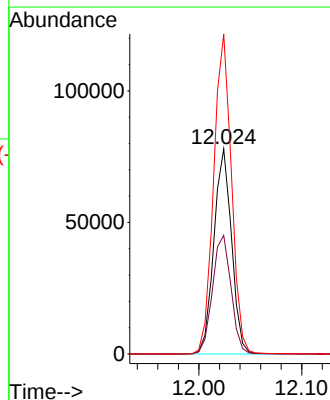
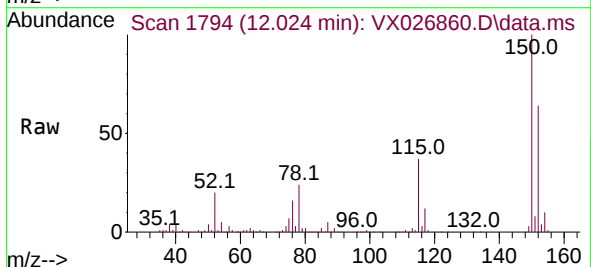
Instrument :
MSVOA_X
ClientSampleId :
SP-6

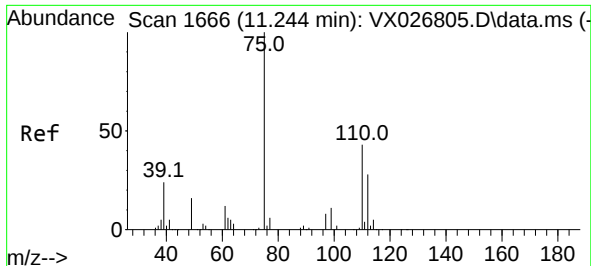
Tgt Ion:117 Resp: 206167
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

Tgt Ion:152 Resp: 92792
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 157.2 0.0 348.2

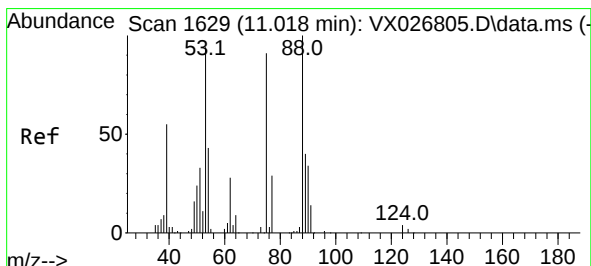
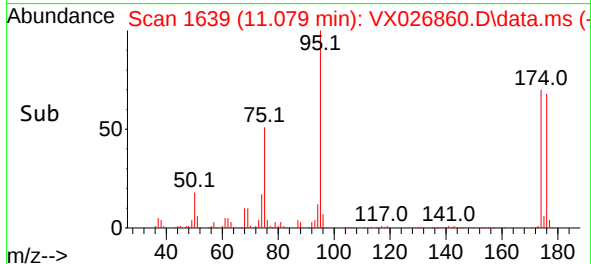
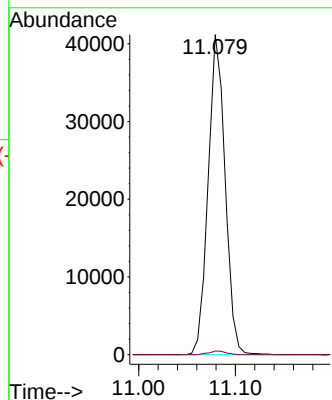
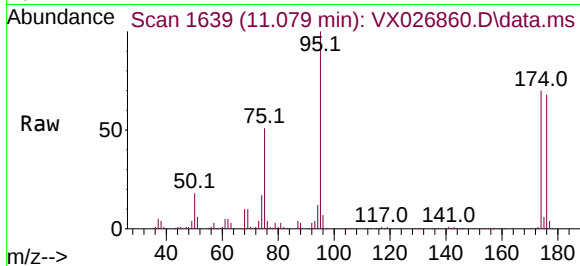




#76
1,2,3-Trichloropropane
Concen: 24.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

Instrument :
MSVOA_X
ClientSampleId :
SP-6

Tgt Ion: 75 Resp: 50340
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026860.D
Acq: 09 Feb 2022 06:38

Tgt Ion: 75 Resp: 50340
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

