

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026859.D
 Acq On : 09 Feb 2022 06:15
 Operator : JC/MD
 Sample : N1432-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

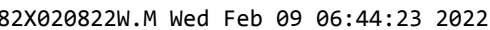
Quant Time: Feb 09 06:44:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

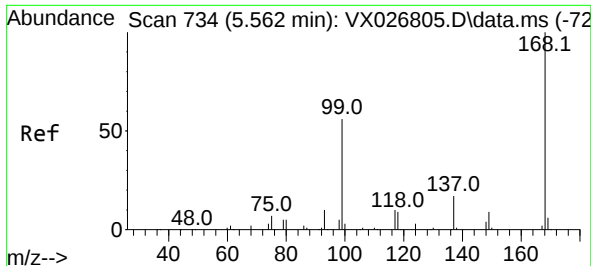
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	136342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86976	53.143	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.280%	
35) Dibromofluoromethane	5.391	113	70908	52.297	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.600%	
50) Toluene-d8	8.653	98	269828	54.214	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	11.079	95	99278	56.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.320%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	413	1.397	ug/l #	75
16) Acetone	2.386	43	5144	7.156	ug/l	96
18) Methyl Acetate	2.715	43	930	0.450	ug/l #	77
20) Methylene Chloride	2.794	84	1682	1.080	ug/l	94
25) 2-Butanone	4.574	43	1006	0.869	ug/l #	50
31) Cyclohexane	5.556	56	2663	1.024	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10416	4.870	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13906	6.200	ug/l #	17
43) Isopropyl Acetate	6.348	43	11340	3.032	ug/l	98
48) Methyl methacrylate	7.598	41	3329	1.796	ug/l #	16
49) 1,4-Dioxane	7.793	88	20	0.626	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	40707	17.960	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18827	8.158	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	10966	4.274	ug/l #	43
59) 2-Hexanone	9.378	43	5319	3.208	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	49488	25.147	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	49488	76.685	ug/l #	3

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

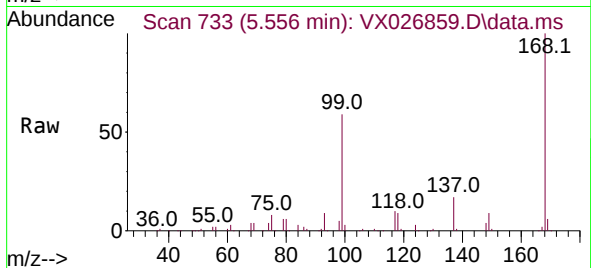
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Quant Title : SW846 8260
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Response via : Initial Calibration



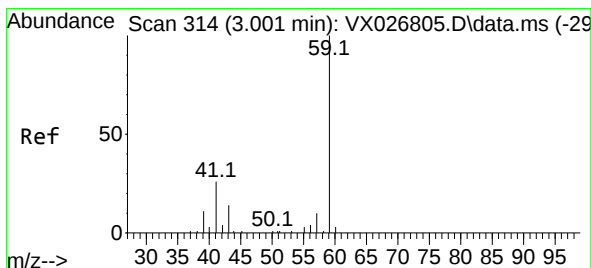
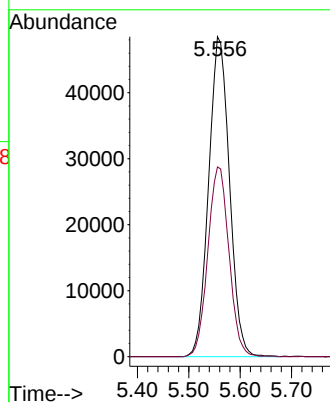
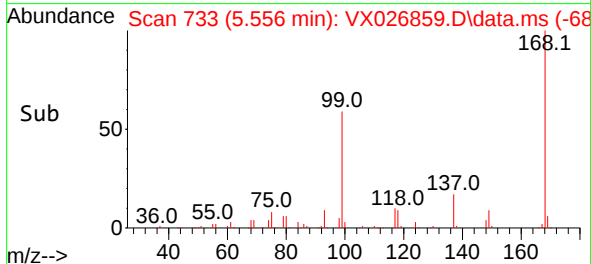


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Instrument :
MSVOA_X
ClientSampleId :

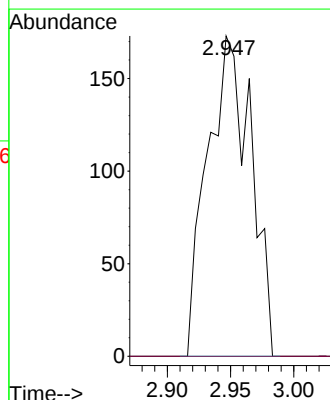
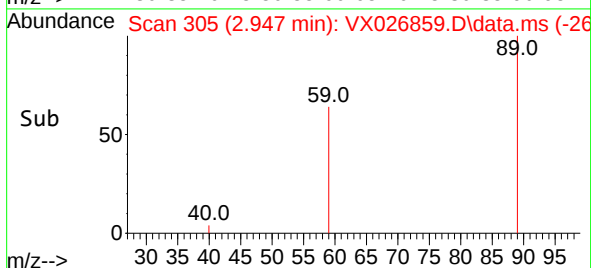
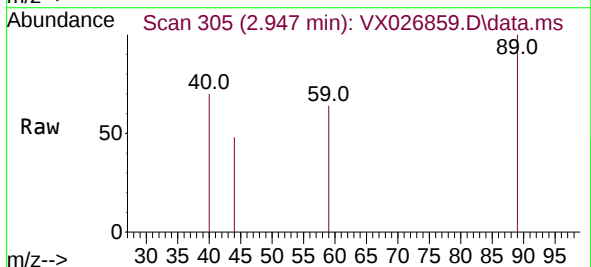


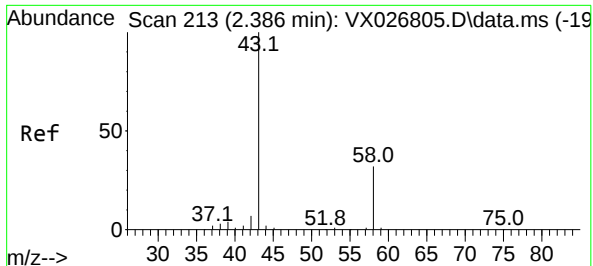
Tgt Ion:168 Resp: 136342
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#11
Tert butyl alcohol
Concen: 1.397 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.054 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

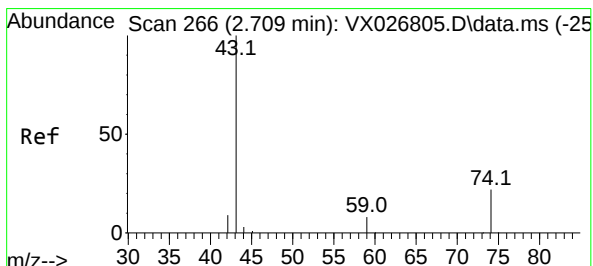
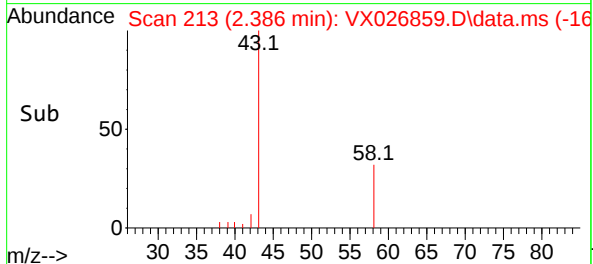
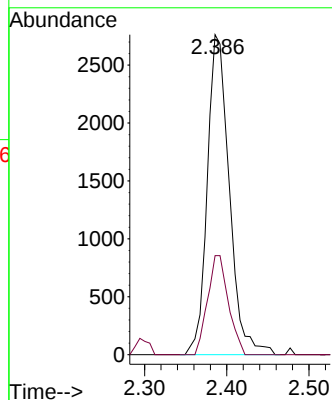
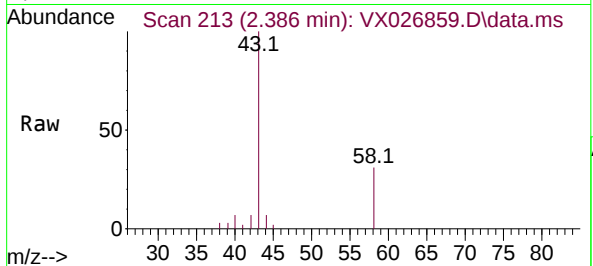




#16
Acetone
Concen: 7.156 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

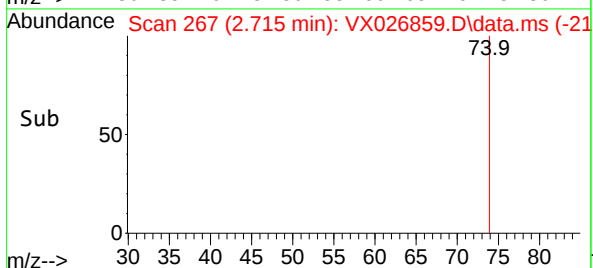
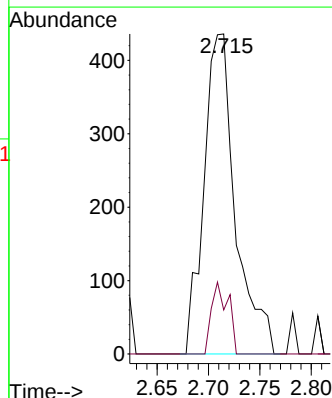
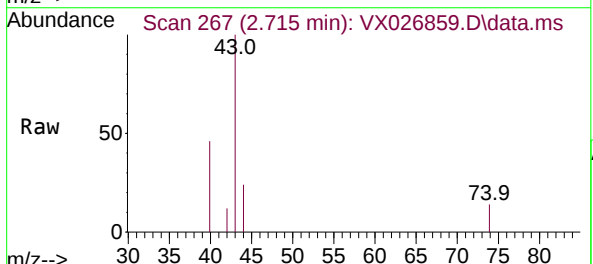
Instrument :
MSVOA_X
ClientSampleId :

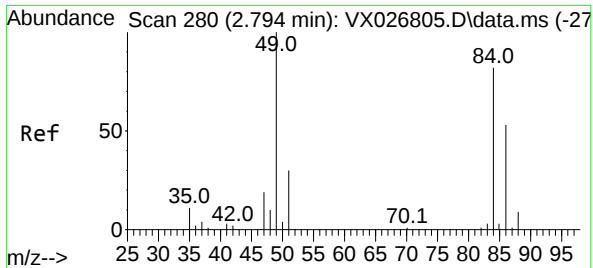
Tgt Ion: 43 Resp: 5144
Ion Ratio Lower Upper
43 100
58 30.9 23.0 34.6



#18
Methyl Acetate
Concen: 0.450 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
74 11.8 18.3 27.5#





#20

Methylene Chloride

Concen: 1.080 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026859.D

Acq: 09 Feb 2022 06:15

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 1682

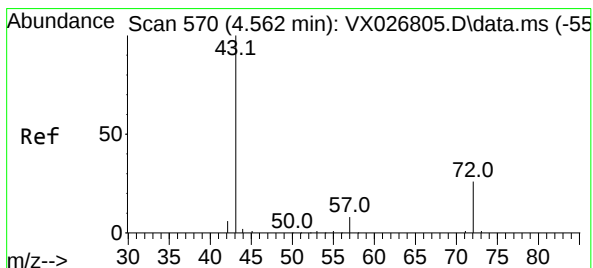
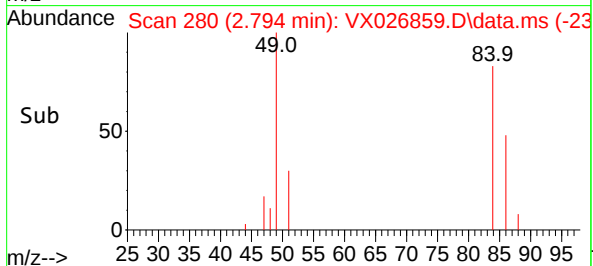
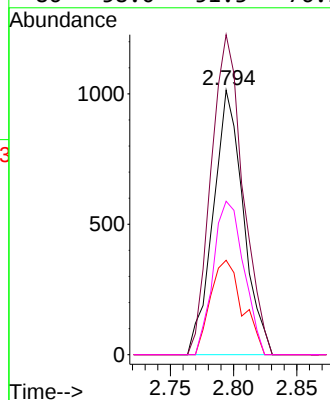
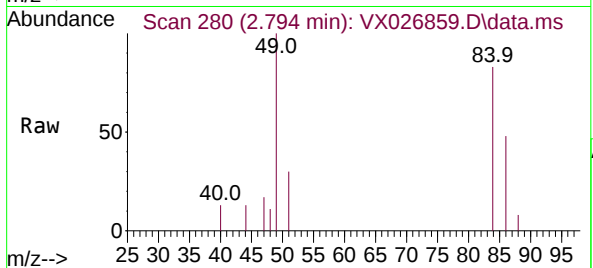
Ion Ratio Lower Upper

84 100

49 121.0 101.5 152.3

51 35.7 31.2 46.8

86 58.0 51.3 76.9



#25

2-Butanone

Concen: 0.869 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX026859.D

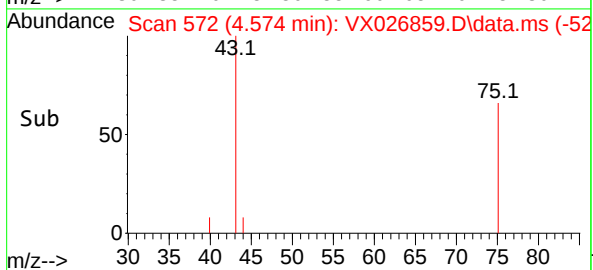
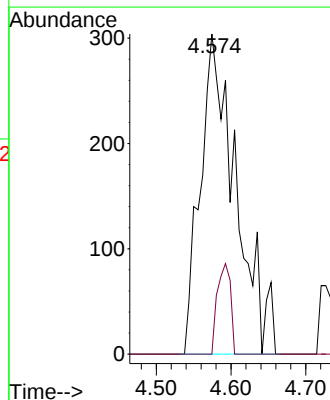
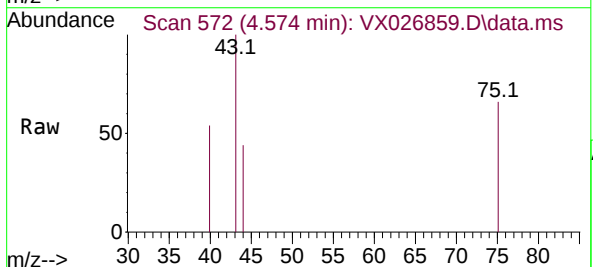
Acq: 09 Feb 2022 06:15

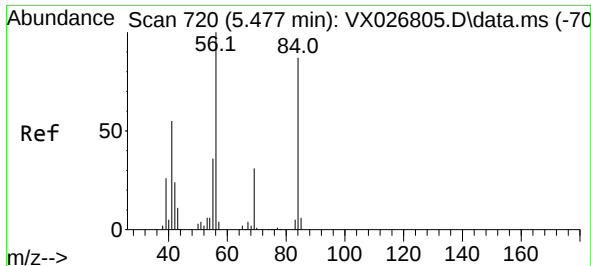
Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

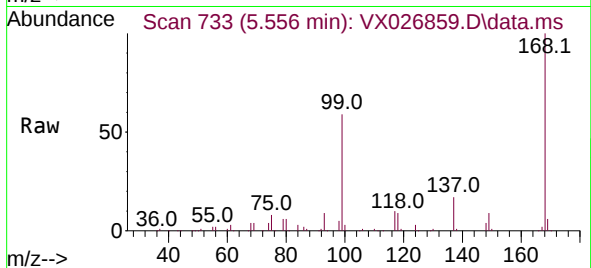
72 0.0 20.4 30.6#



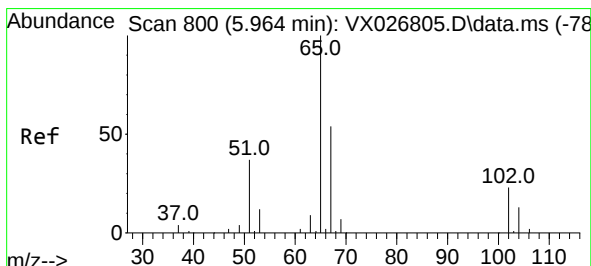
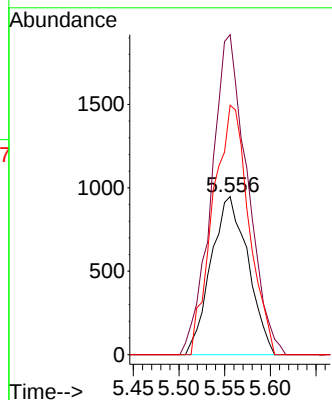
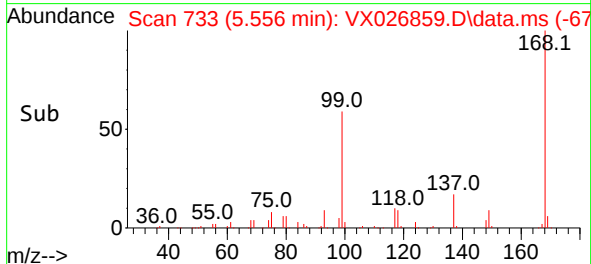


#31
Cyclohexane
Concen: 1.024 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Instrument :
MSVOA_X
ClientSampleId :

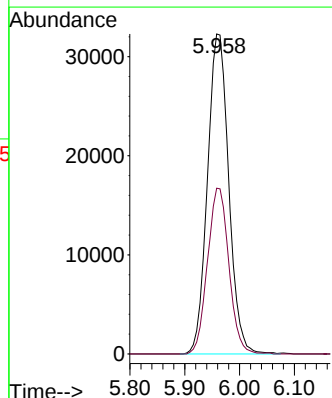
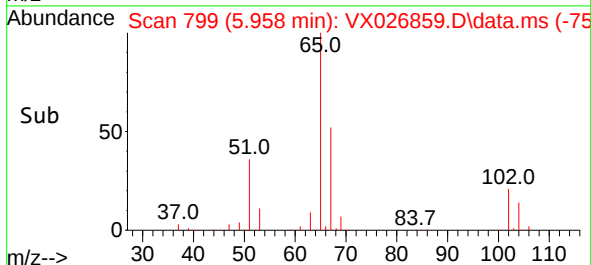
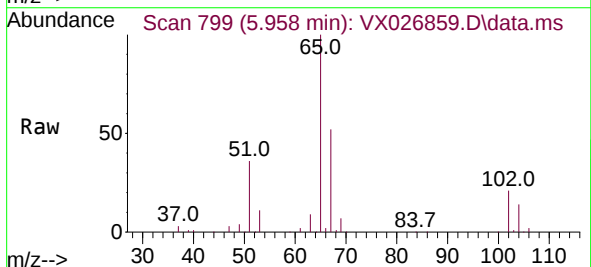


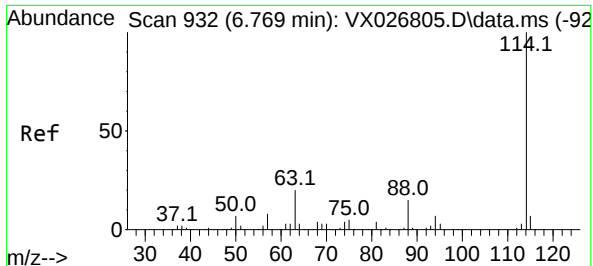
Tgt Ion: 56 Resp: 2663
Ion Ratio Lower Upper
56 100
69 202.5 25.8 38.6#
84 157.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.143 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Tgt Ion: 65 Resp: 86976
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

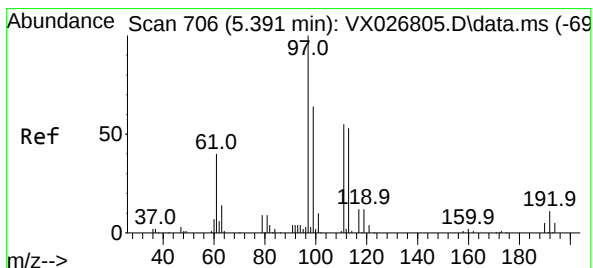
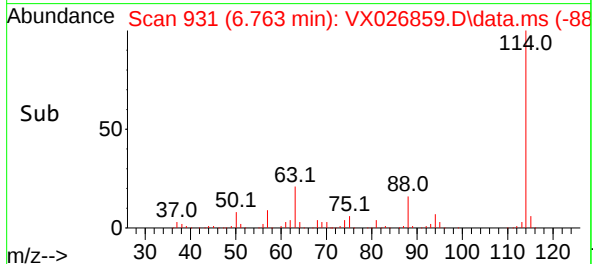
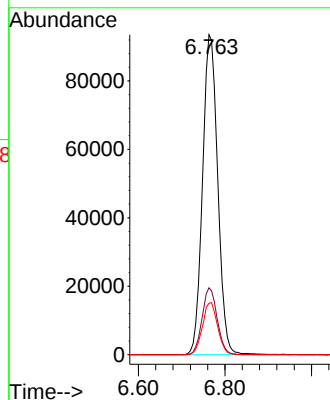
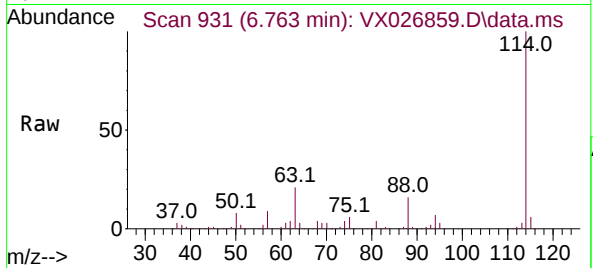




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

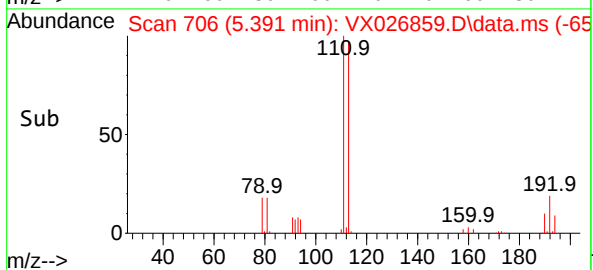
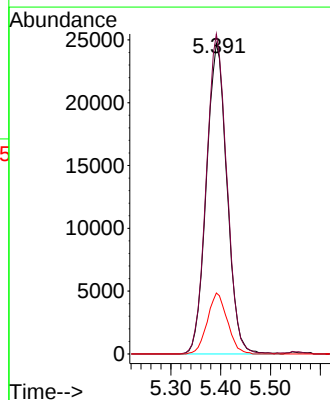
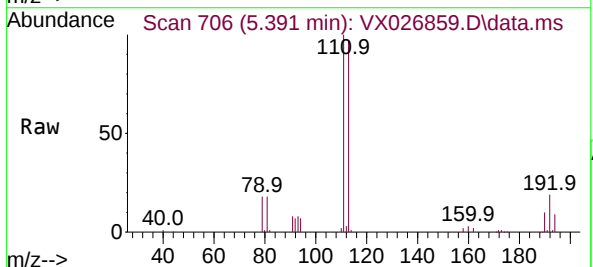
Instrument :
MSVOA_X
ClientSampleId :

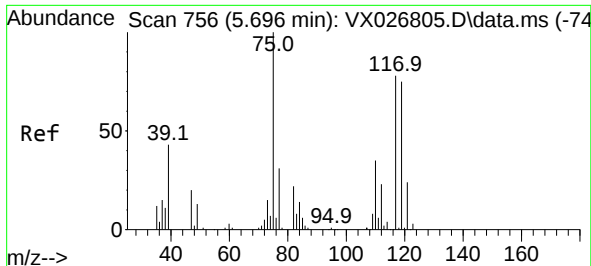
Tgt Ion:114 Resp: 227581
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.297 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Tgt Ion:113 Resp: 70908
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.1 15.0 22.4

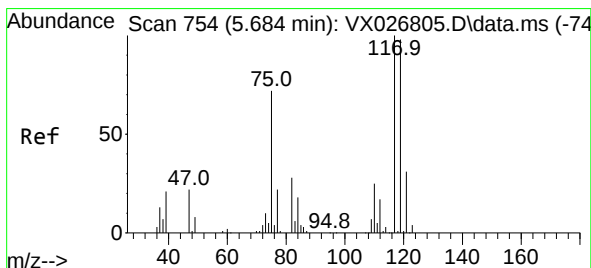
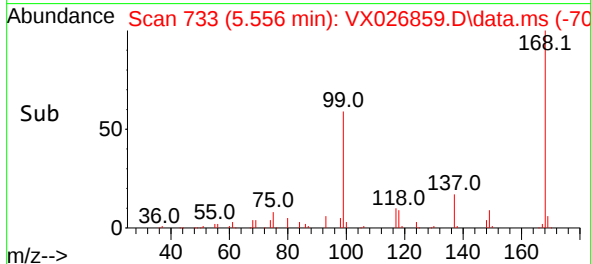
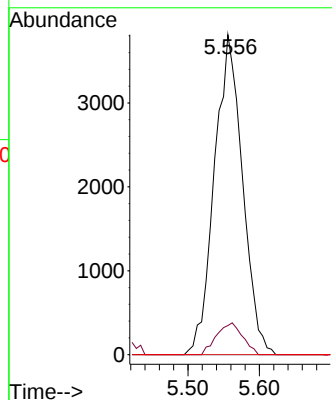
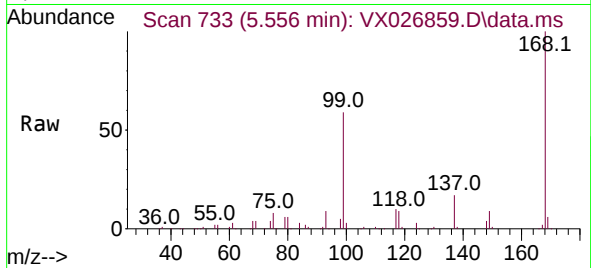




#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

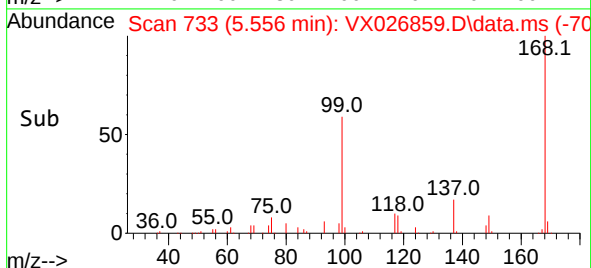
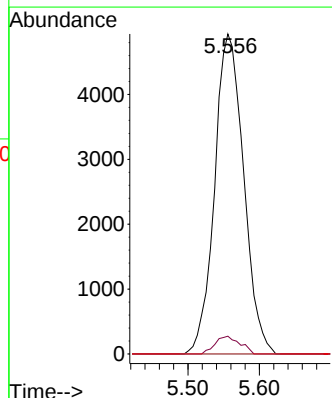
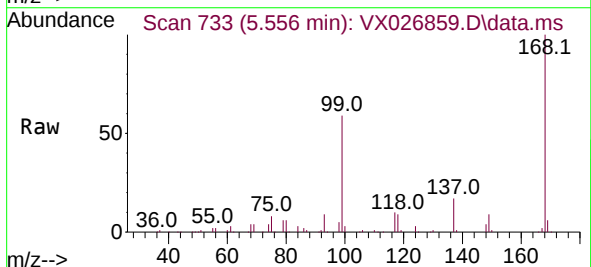
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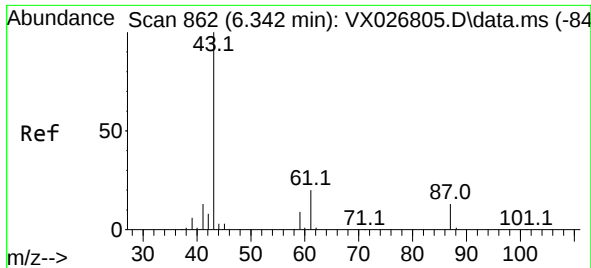
Tgt Ion: 75 Resp: 10416
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Tgt Ion: 117 Resp: 13906
Ion Ratio Lower Upper
117 100
119 5.6 74.7 112.1#
121 0.0 25.4 38.0#

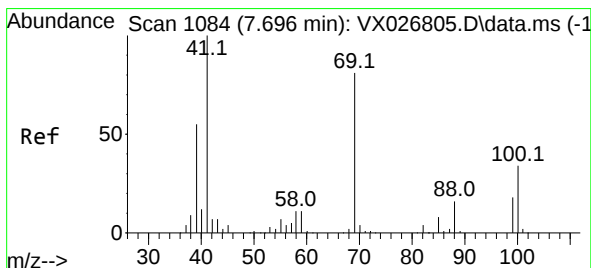
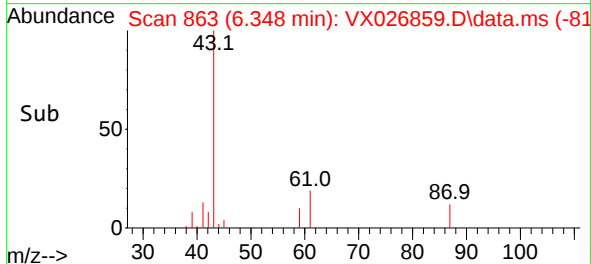
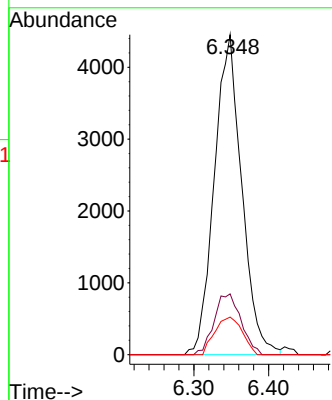
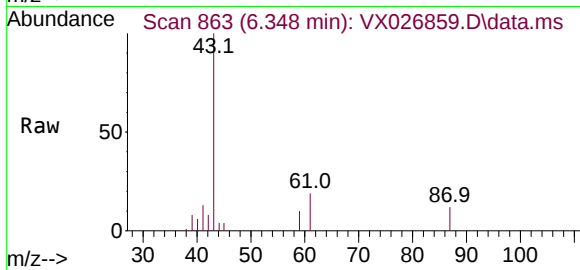




#43
Isopropyl Acetate
Concen: 3.032 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

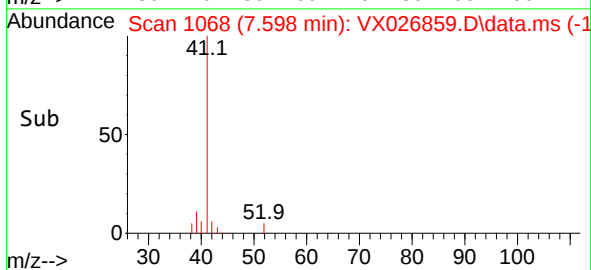
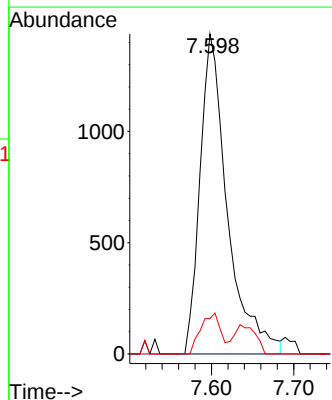
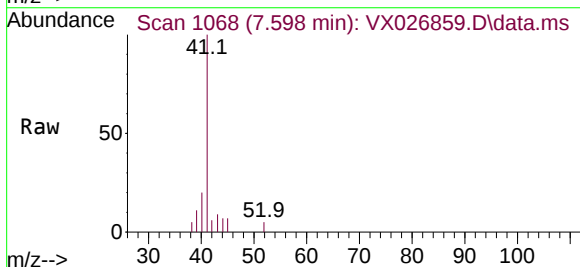
Instrument :
MSVOA_X
ClientSampleId :

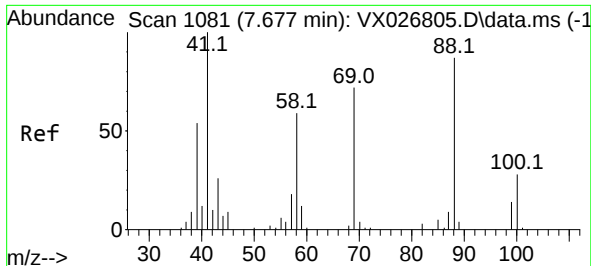
Tgt Ion: 43 Resp: 11340
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.0
87 11.8 10.2 15.2



#48
Methyl methacrylate
Concen: 1.796 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Tgt Ion: 41 Resp: 3329
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: 0.626 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.116 min

Lab File: VX026859.D

Acq: 09 Feb 2022 06:15

Instrument :

MSVOA_X

ClientSampleId :

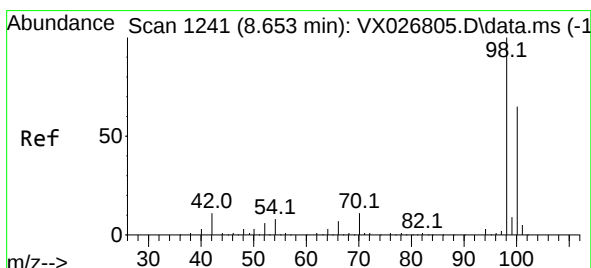
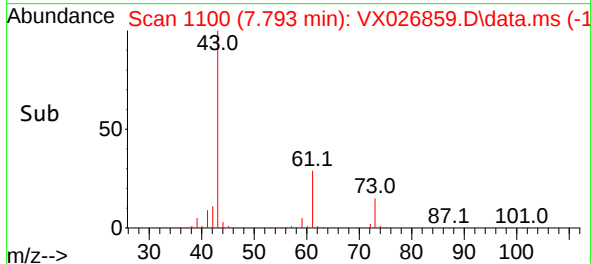
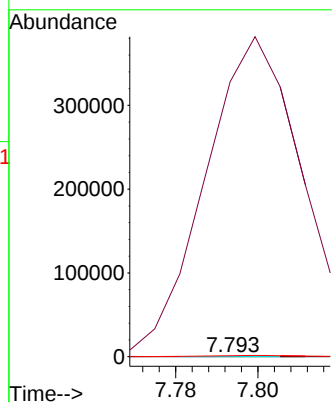
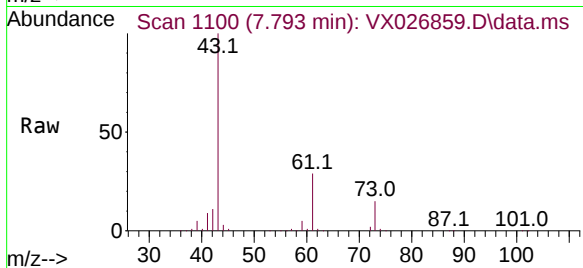
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 3218410.0 29.9 44.9#

58 12220.0 57.8 86.6#



#50

Toluene-d8

Concen: 54.214 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026859.D

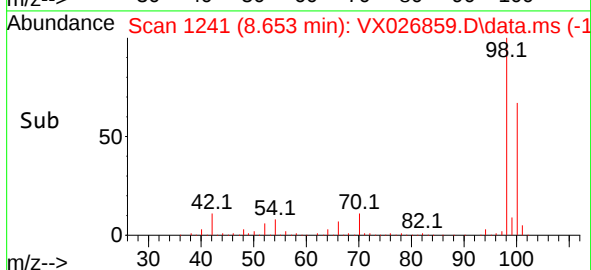
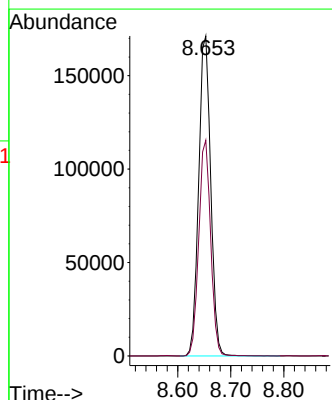
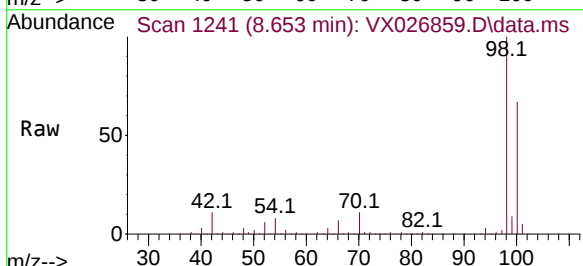
Acq: 09 Feb 2022 06:15

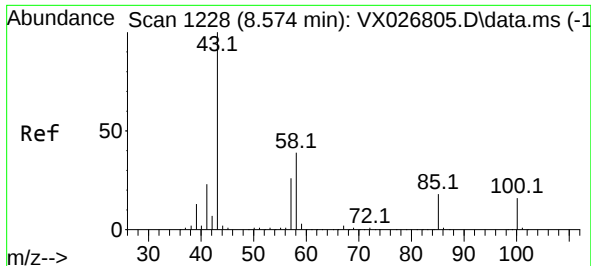
Tgt Ion: 98 Resp: 269828

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8

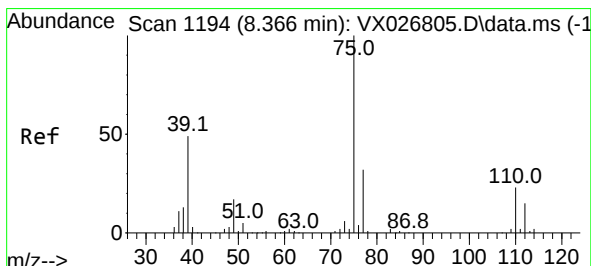
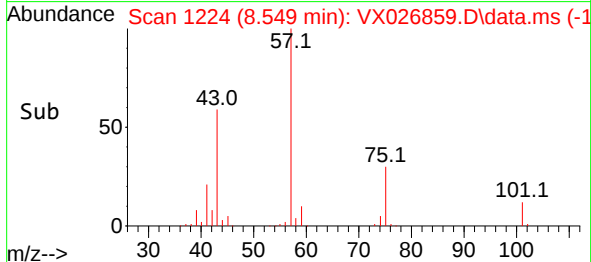
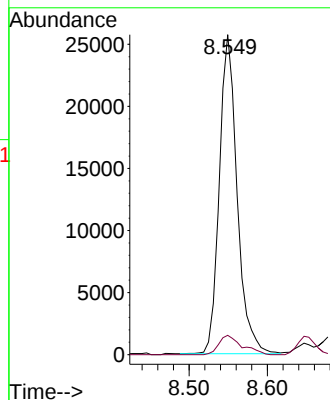
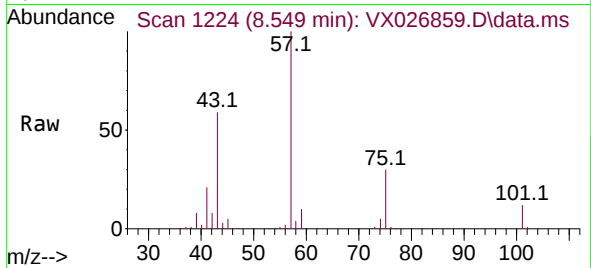




#51
4-Methyl-2-Pentanone
Concen: 17.960 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

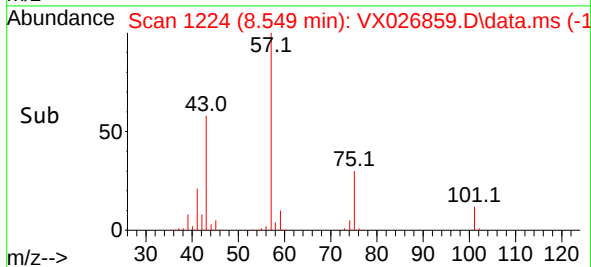
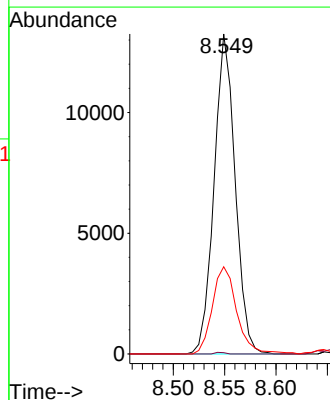
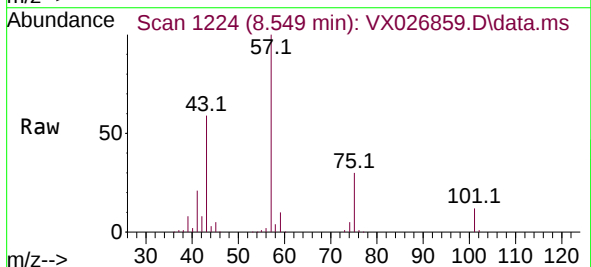
Instrument :
MSVOA_X
ClientSampleId :

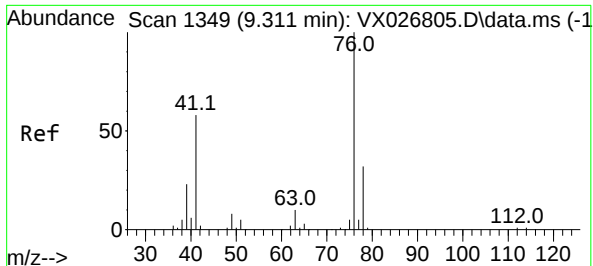
Tgt Ion: 43 Resp: 40707
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.158 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Tgt Ion: 75 Resp: 18827
Ion Ratio Lower Upper
75 100
77 0.4 26.2 39.2#
39 27.3 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.274 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.171 min

Lab File: VX026859.D

Acq: 09 Feb 2022 06:15

Instrument :

MSVOA_X

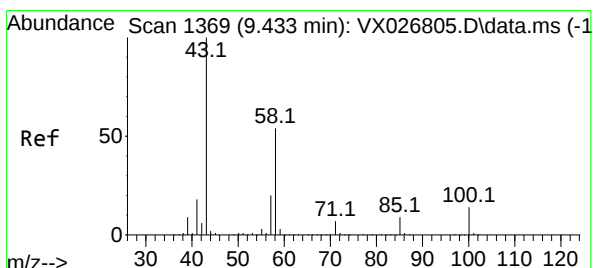
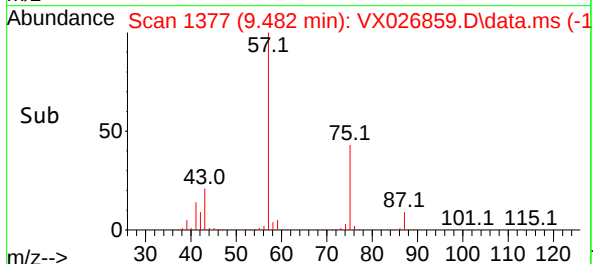
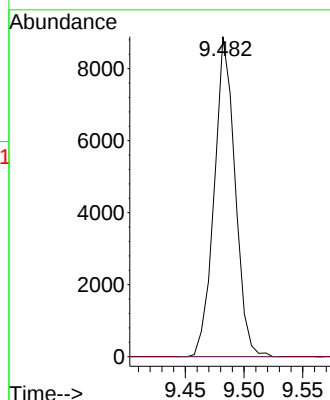
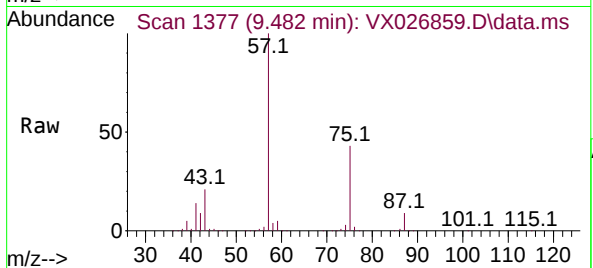
ClientSampleId :

Tgt Ion: 76 Resp: 10966

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 3.208 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026859.D

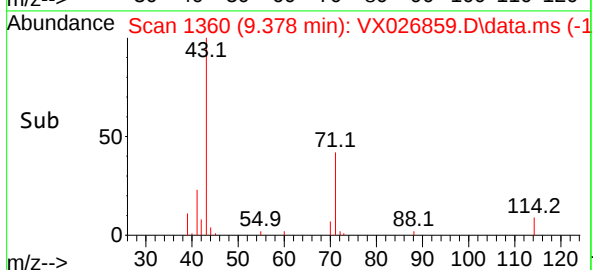
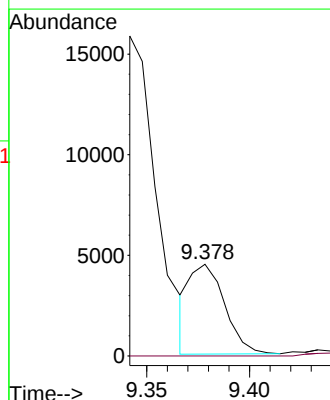
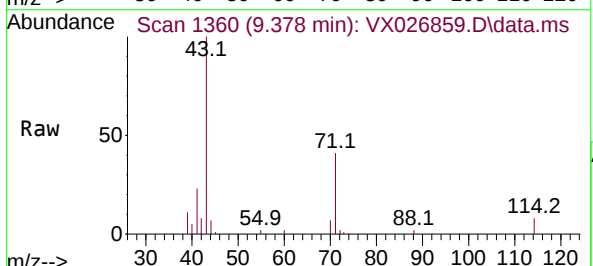
Acq: 09 Feb 2022 06:15

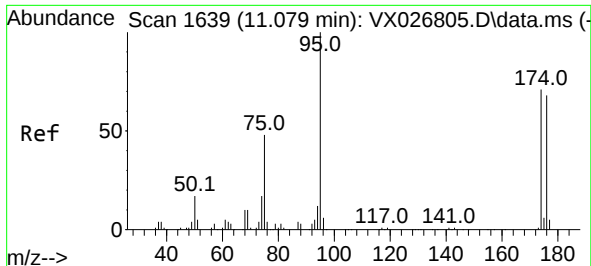
Tgt Ion: 43 Resp: 5319

Ion Ratio Lower Upper

43 100

58 0.0 26.4 79.2#

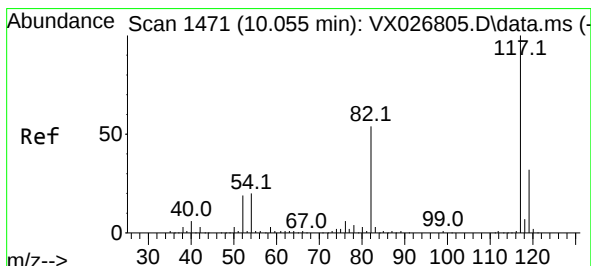
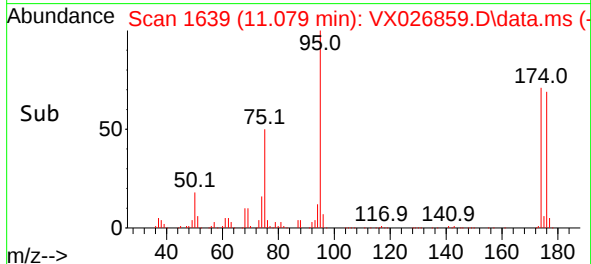
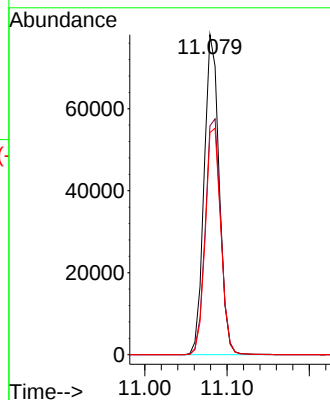
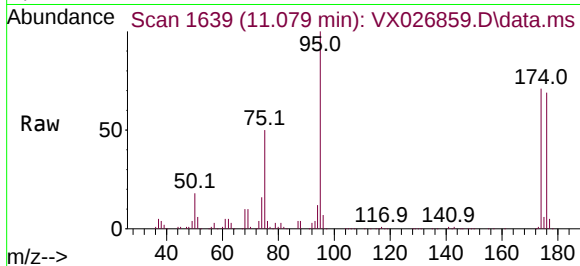




#62
4-Bromofluorobenzene
Concen: 56.657 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

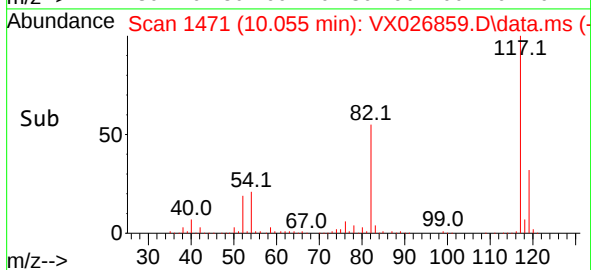
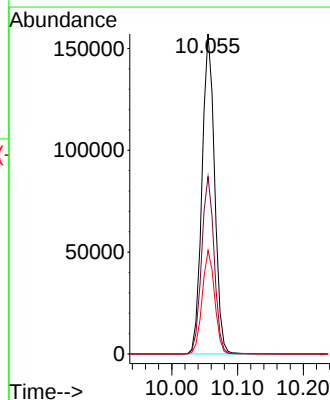
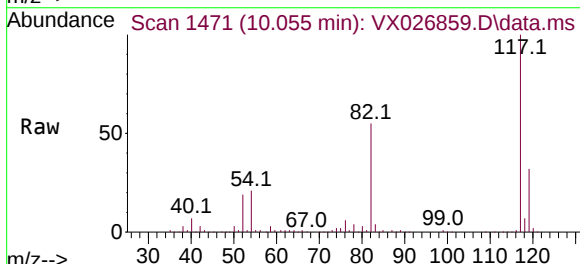
Instrument :
MSVOA_X
ClientSampleId :

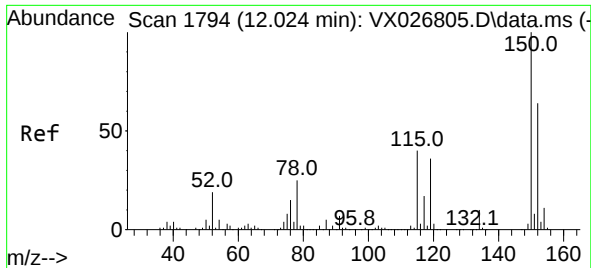
Tgt Ion: 95 Resp: 99278
Ion Ratio Lower Upper
95 100
174 75.9 0.0 148.6
176 72.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026859.D
Acq: 09 Feb 2022 06:15

Tgt Ion: 117 Resp: 208307
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 32.4 26.2 39.2

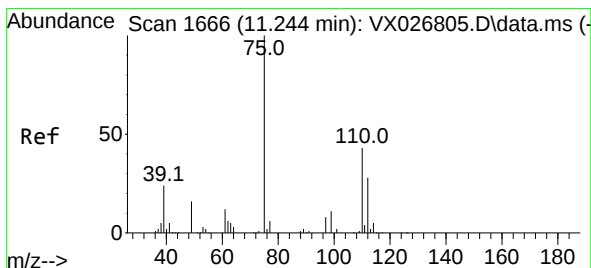
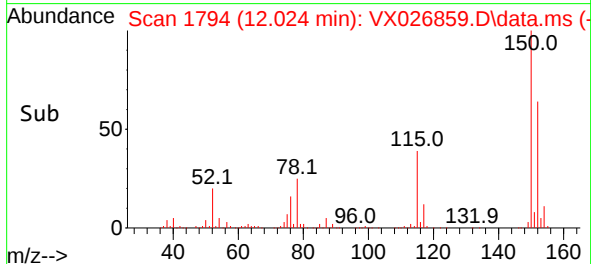
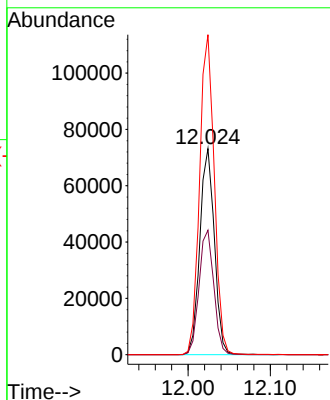
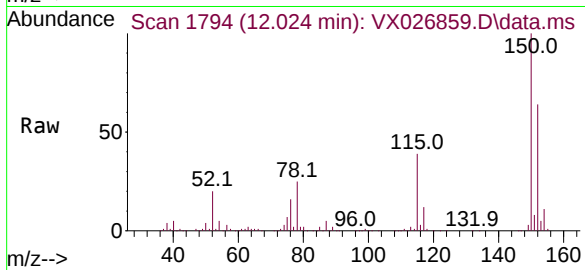




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

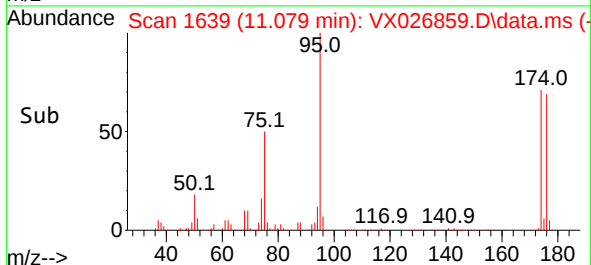
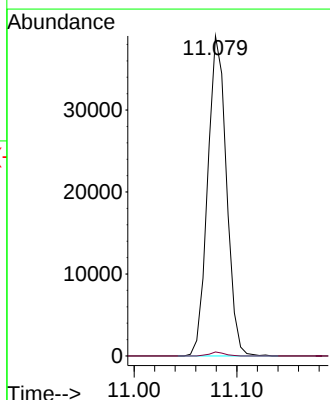
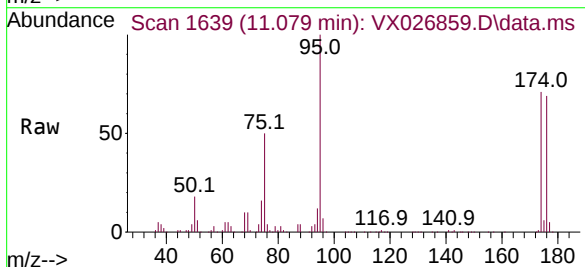
Instrument :
 MSVOA_X
 ClientSampleId :

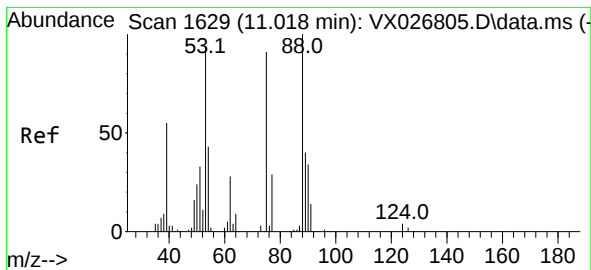
Tgt Ion:152 Resp: 89899
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.2 132.6
 150 156.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.147 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Tgt Ion: 75 Resp: 49488
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.685 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026859.D
 Acq: 09 Feb 2022 06:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 49488
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

