

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043627.D
 Acq On : 30 Oct 2024 16:20
 Operator : JC/MD
 Sample : PB164501ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

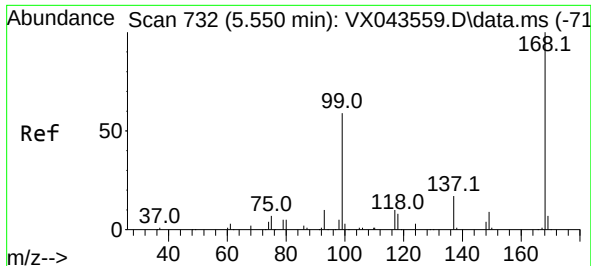
Quant Time: Oct 31 23:01:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	153192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	272498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96971	39.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.400%		
35) Dibromofluoromethane	5.379	113	82081	44.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.840%		
50) Toluene-d8	8.647	98	317301	49.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.220%		
62) 4-Bromofluorobenzene	11.079	95	111414	47.006	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.020%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	222	0.280	ug/l #	2
11) Tert butyl alcohol	2.934	59	5670	12.436	ug/l #	100
16) Acetone	2.392	43	30803	31.756	ug/l	97
18) Methyl Acetate	2.709	43	2857	1.008	ug/l #	89
20) Methylene Chloride	2.782	84	2617	1.252	ug/l #	81
31) Cyclohexane	5.538	56	3054	1.184	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	11201	5.112	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15175	6.268	ug/l #	15
43) Isopropyl Acetate	6.342	43	119433	27.150	ug/l	97
48) Methyl methacrylate	7.799	41	98245	47.105	ug/l #	41
49) 1,4-Dioxane	7.805	88	187	4.364	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	91936	34.289	ug/l #	46
53) t-1,3-Dichloropropene	8.958	75	883	0.338	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	46330	16.653	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	6169	2.010	ug/l #	43
59) 2-Hexanone	9.482	43	75308	36.981	ug/l #	51
74) N-amyl acetate	10.823	43	759	0.202	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	52739	22.637	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	52739	62.274	ug/l #	7

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

Quant Time: Oct 31 23:01:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

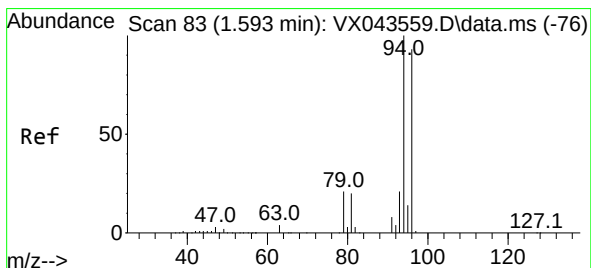
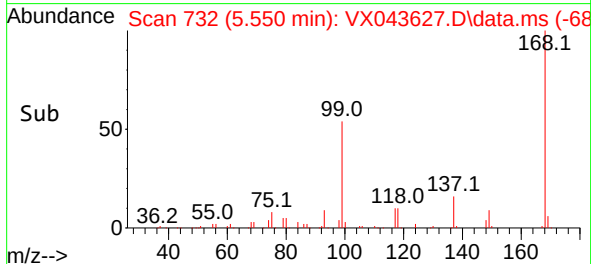
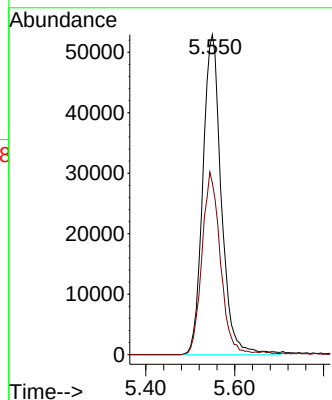
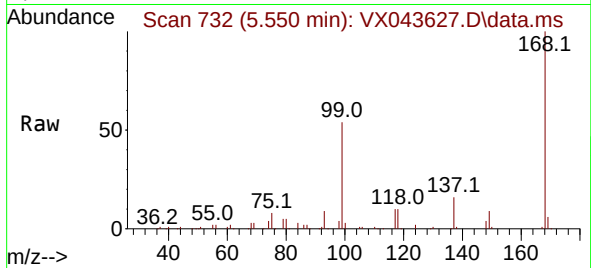




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

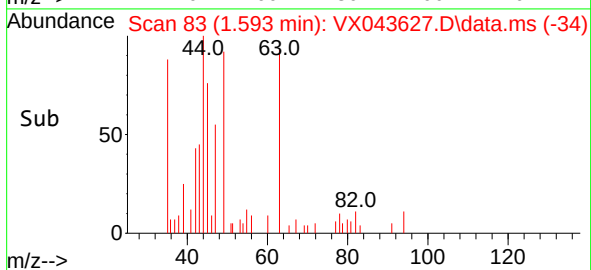
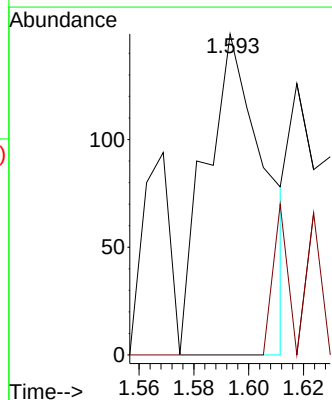
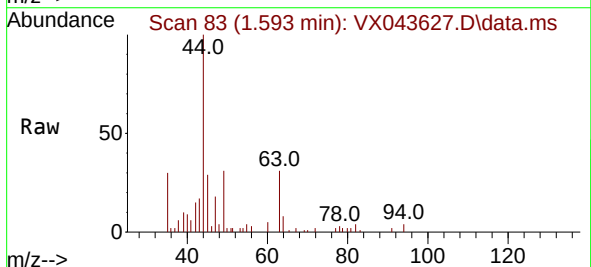
Instrument :
MSVOA_X
ClientSampleId :

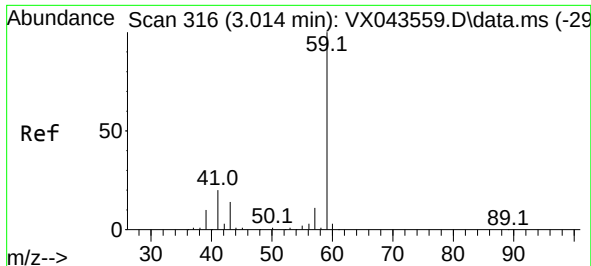
Tgt Ion:168 Resp: 153192
Ion Ratio Lower Upper
168 100
99 53.7 52.6 78.8



#5
Bromomethane
Concen: 0.280 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#





#11

Tert butyl alcohol

Concen: 12.436 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.116 min

Lab File: VX043627.D

Acq: 30 Oct 2024 16:20

Instrument :

MSVOA_X

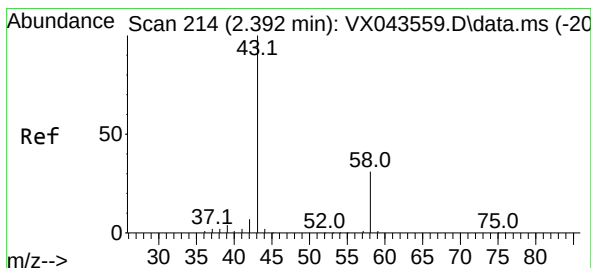
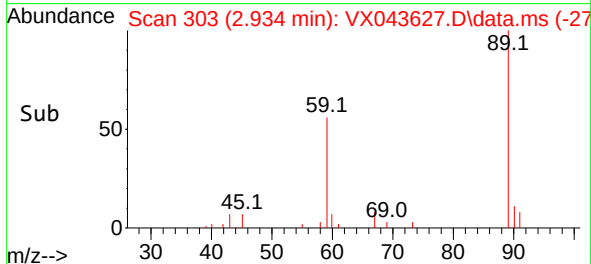
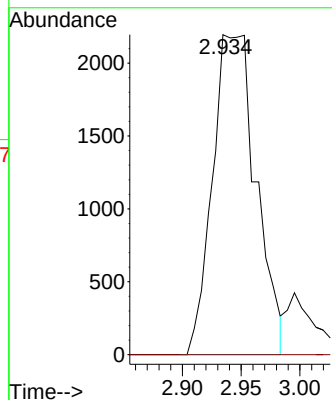
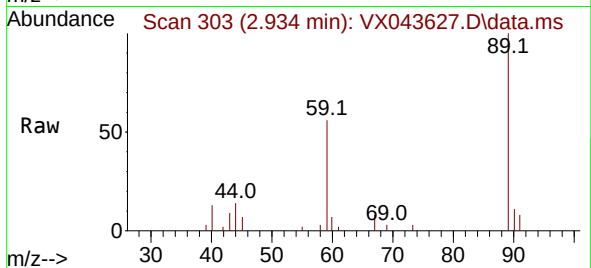
ClientSampleId :

Tgt Ion: 59 Resp: 5670

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 31.756 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043627.D

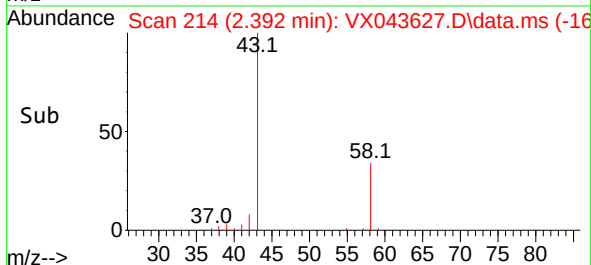
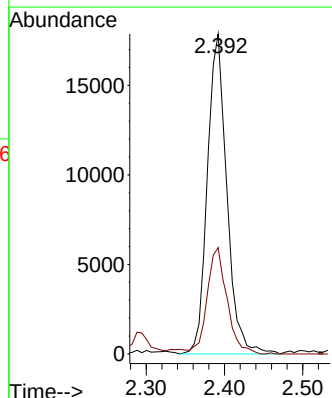
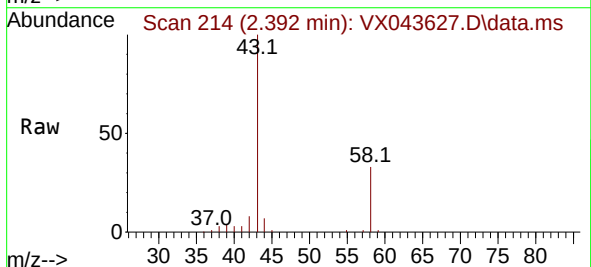
Acq: 30 Oct 2024 16:20

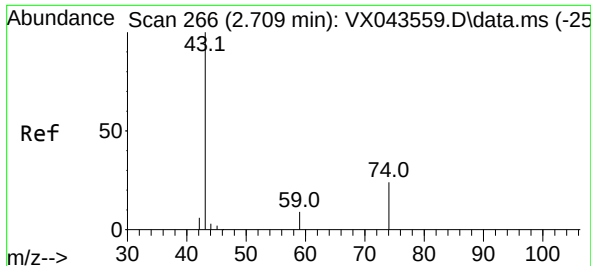
Tgt Ion: 43 Resp: 30803

Ion Ratio Lower Upper

43 100

58 33.3 25.1 37.7

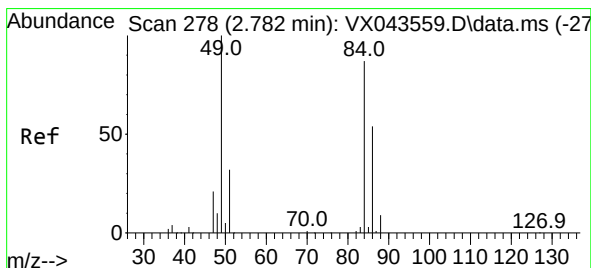
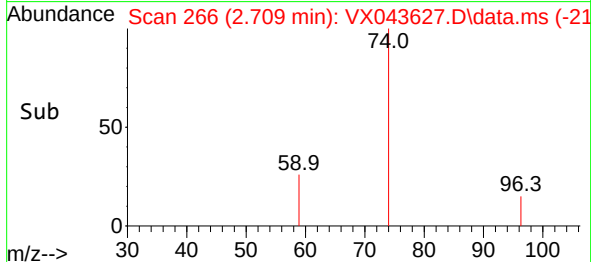
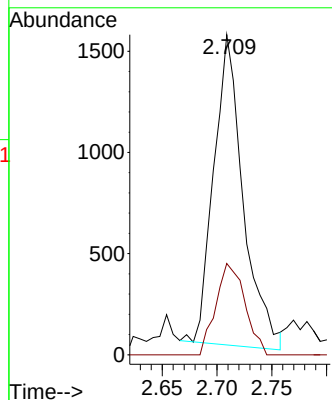
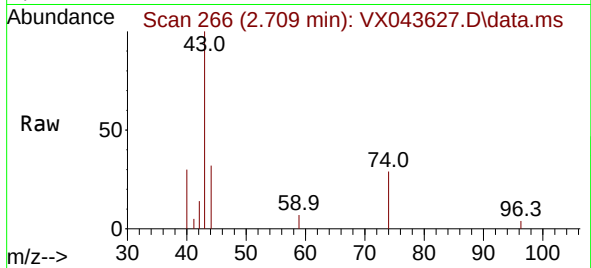




#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

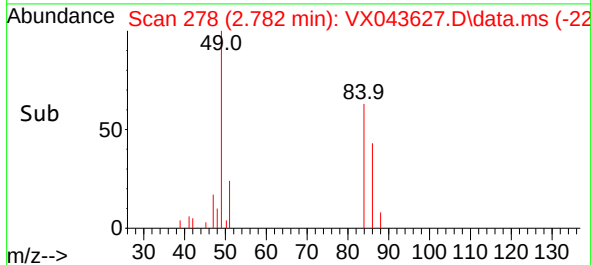
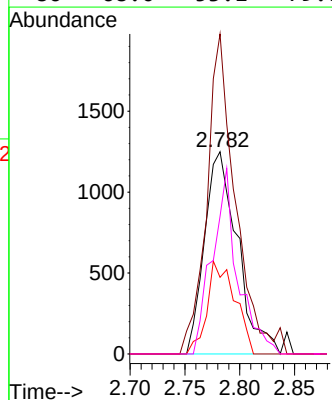
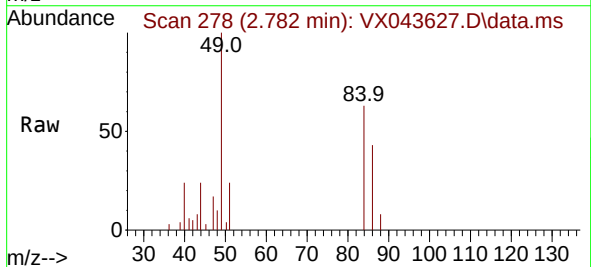
Instrument :
MSVOA_X
ClientSampleId :

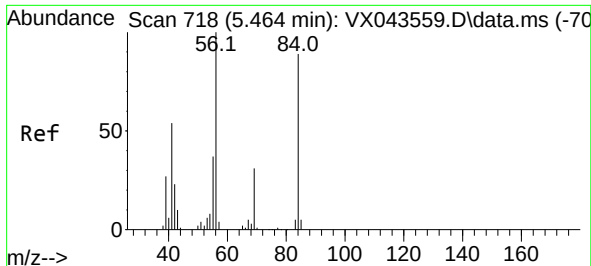
Tgt Ion: 43 Resp: 2857
Ion Ratio Lower Upper
43 100
74 29.1 19.1 28.7#



#20
Methylene Chloride
Concen: 1.252 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

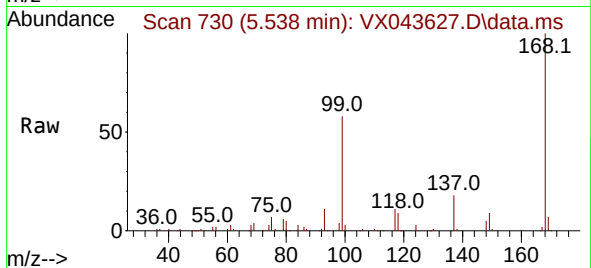
Tgt Ion: 84 Resp: 2617
Ion Ratio Lower Upper
84 100
49 158.2 97.0 145.6#
51 37.9 29.8 44.8
86 68.0 53.1 79.7



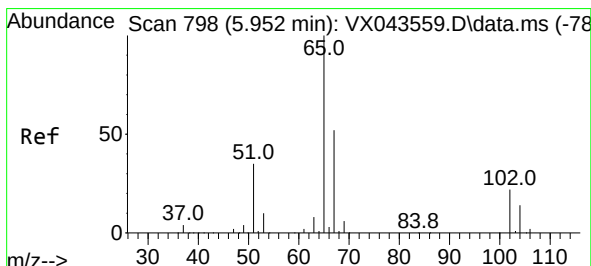
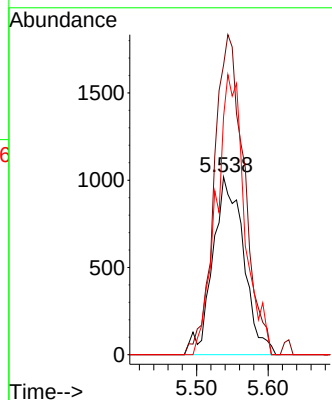
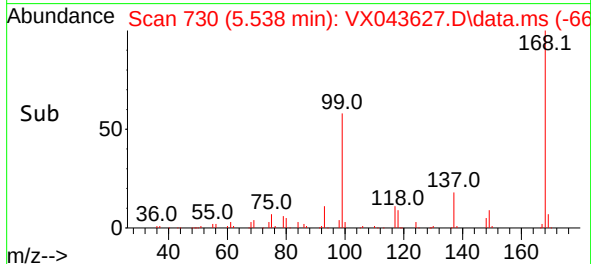


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :

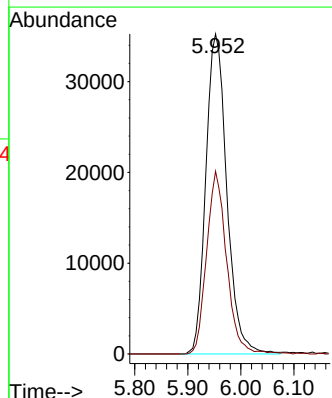
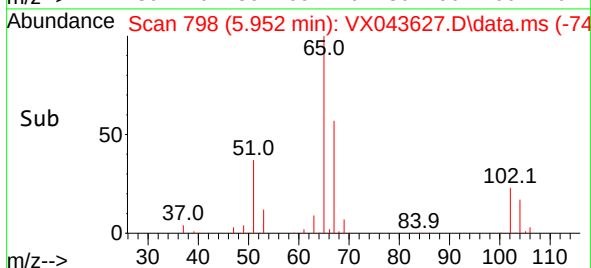
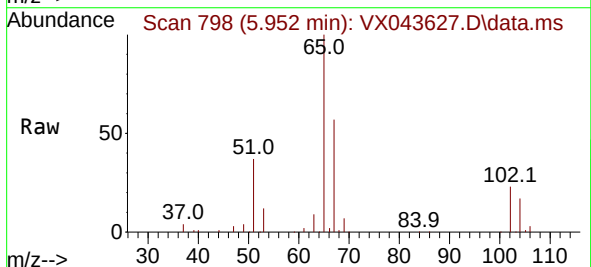


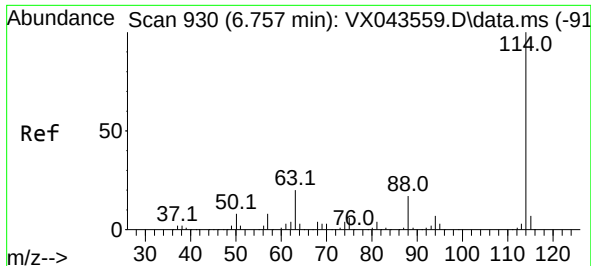
Tgt Ion: 56 Resp: 3054
Ion Ratio Lower Upper
56 100
69 162.9 24.9 37.3#
84 133.9 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 39.699 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

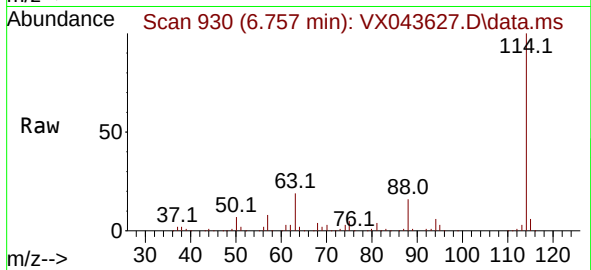
Tgt Ion: 65 Resp: 96971
Ion Ratio Lower Upper
65 100
67 54.5 0.0 103.4



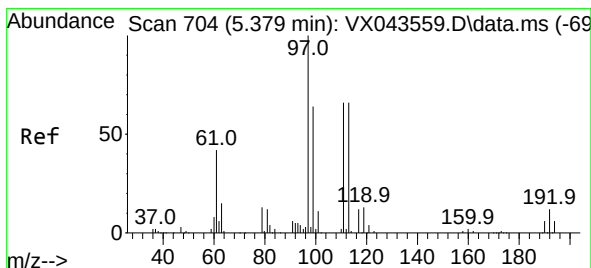
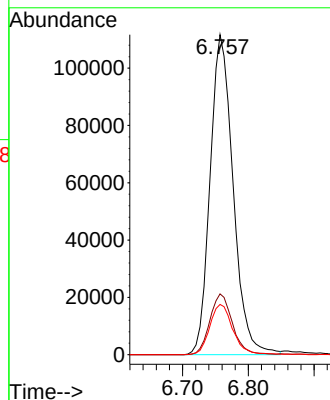
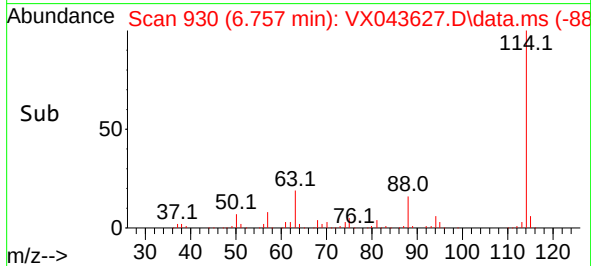


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :

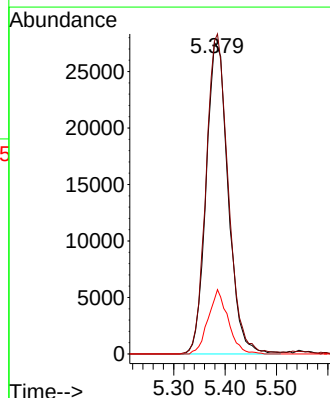
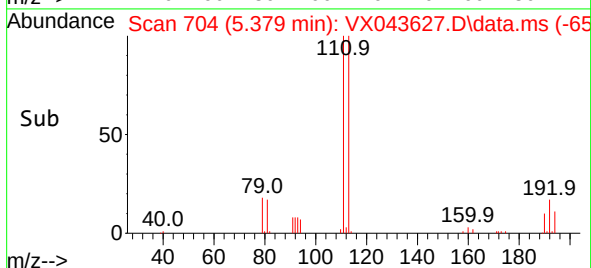
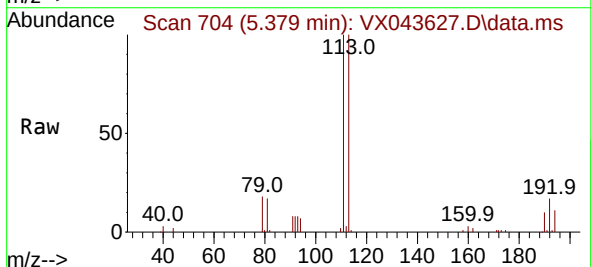


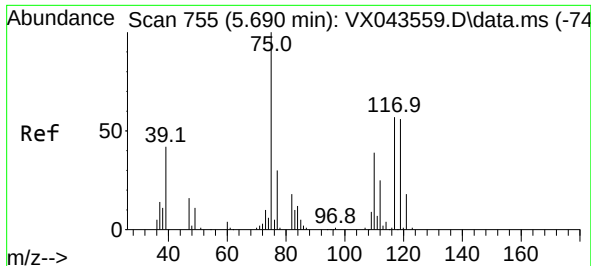
Tgt Ion:114 Resp: 272498
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.2
88 15.7 0.0 34.0



#35
Dibromofluoromethane
Concen: 44.421 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion:113 Resp: 82081
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.8 14.1 21.1

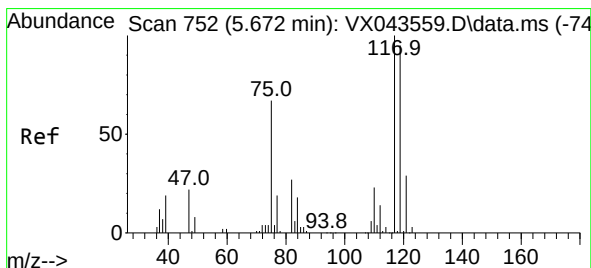
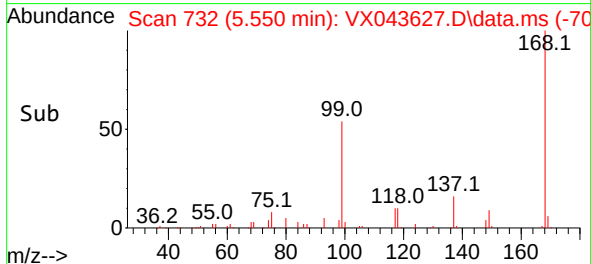
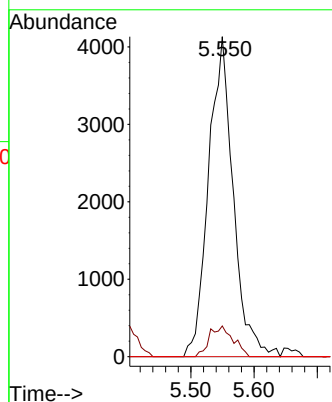
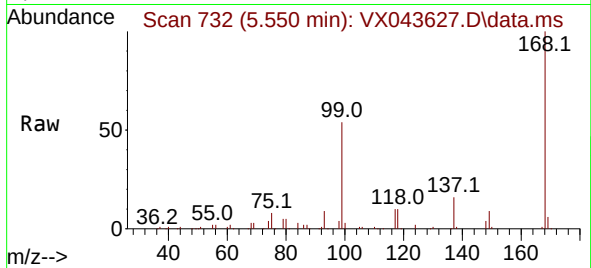




#36
1,1-Dichloropropene
Concen: 5.112 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

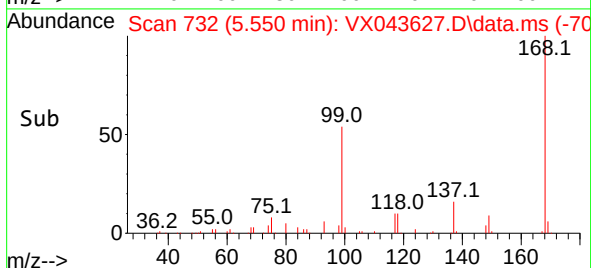
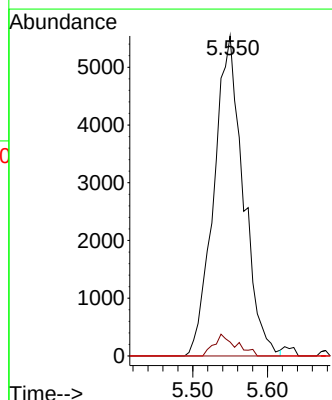
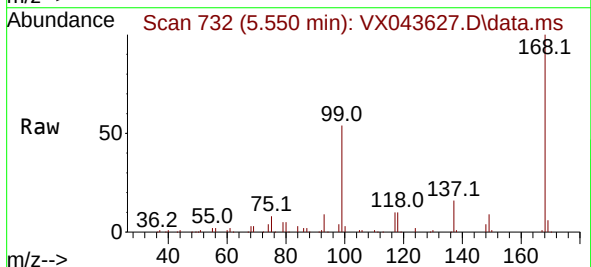
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MSVOA_X
ClientSampleId :

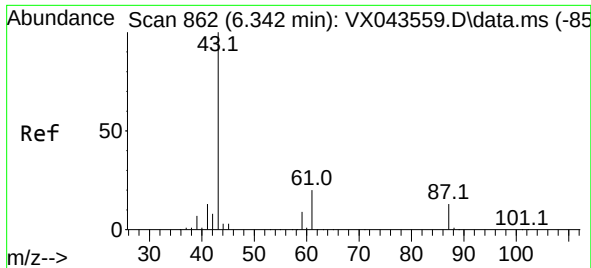
Tgt Ion: 75 Resp: 11201
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 117 Resp: 15175
Ion Ratio Lower Upper
117 100
119 4.4 77.0 115.6#
121 0.0 24.7 37.1#

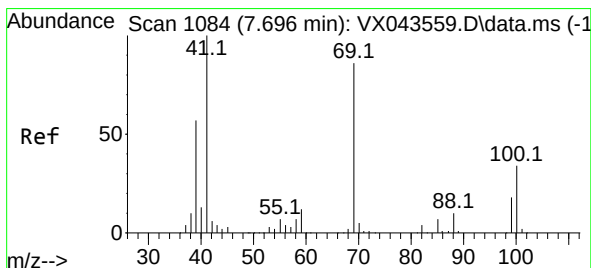
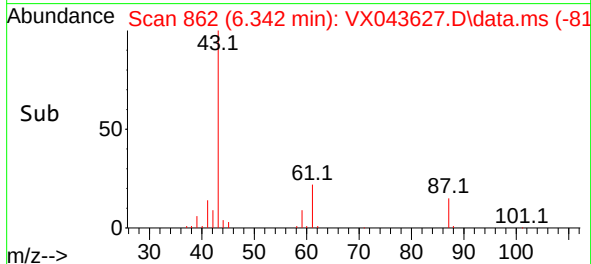
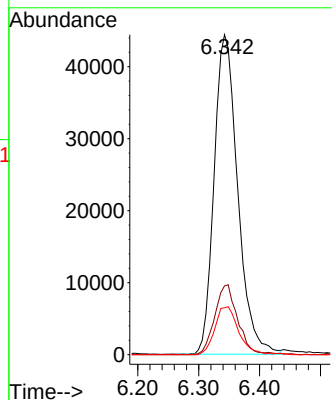
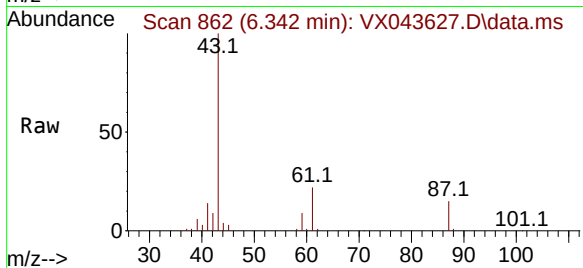




#43
Isopropyl Acetate
Concen: 27.150 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

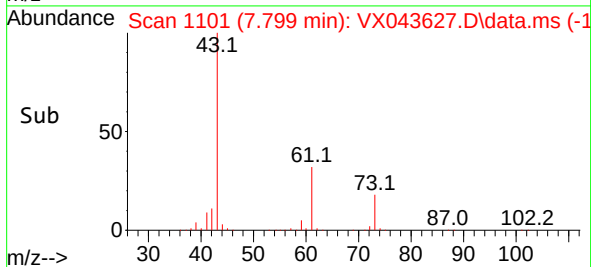
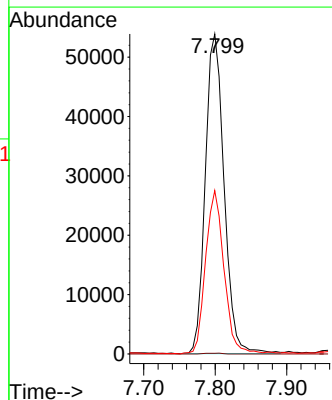
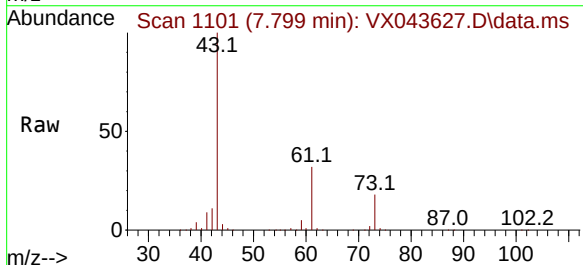
Instrument :
MSVOA_X
ClientSampleId :

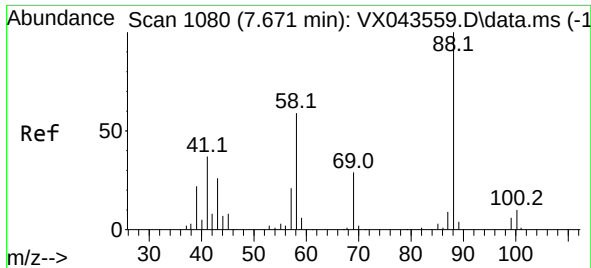
Tgt Ion: 43 Resp: 119433
Ion Ratio Lower Upper
43 100
61 21.4 16.2 24.4
87 15.1 11.0 16.6



#48
Methyl methacrylate
Concen: 47.105 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

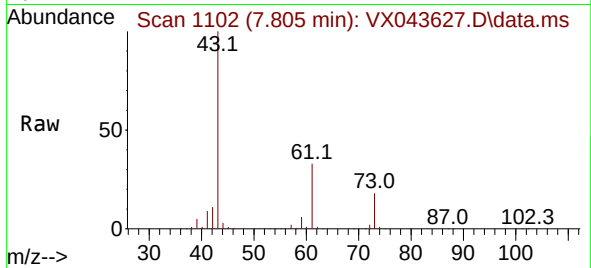
Tgt Ion: 41 Resp: 98245
Ion Ratio Lower Upper
41 100
69 0.2 67.7 101.5#
39 50.2 46.3 69.5



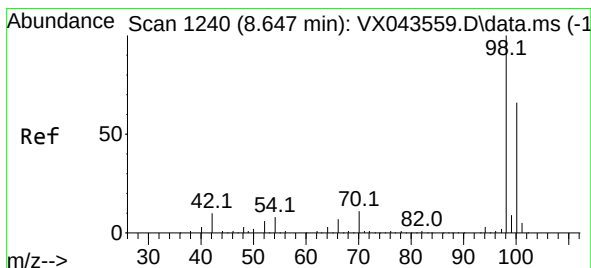
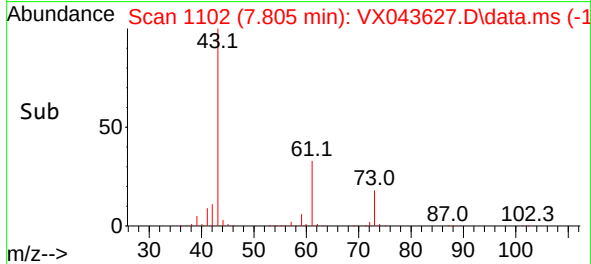
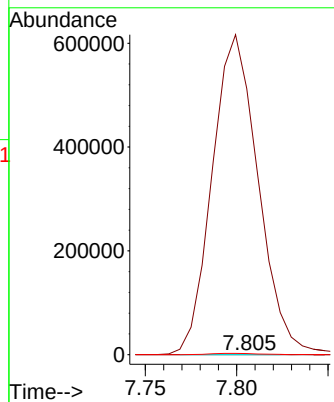


#49
1,4-Dioxane
Concen: 4.364 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.134 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :

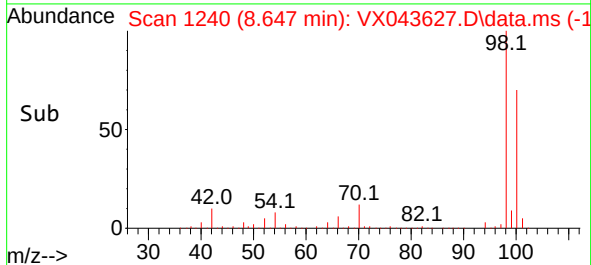
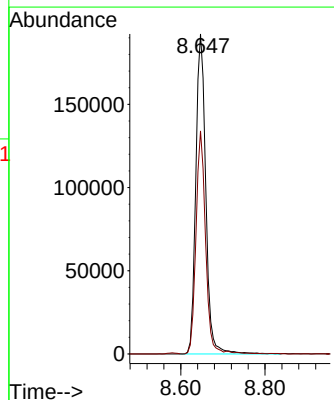
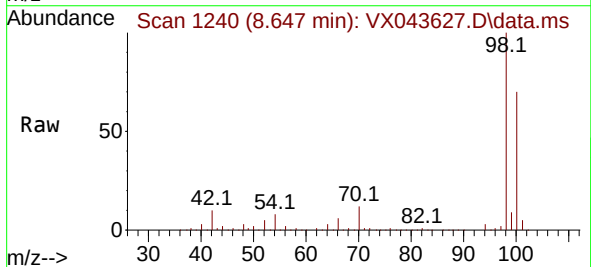


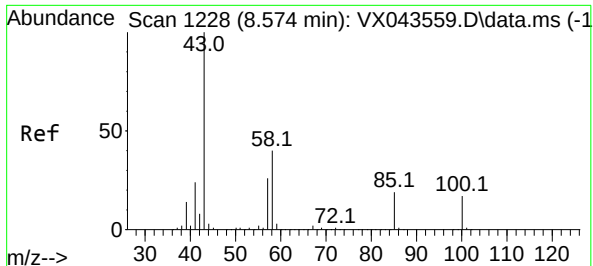
Tgt Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
43 587073.8 25.3 37.9#
58 2618.2 53.9 80.9#



#50
Toluene-d8
Concen: 49.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 98 Resp: 317301
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2

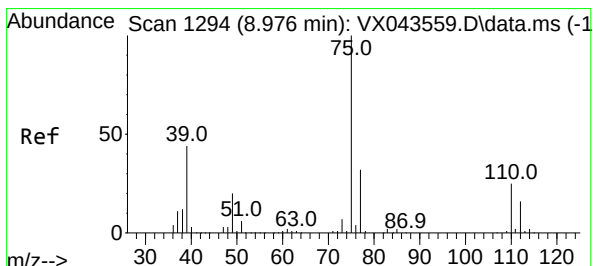
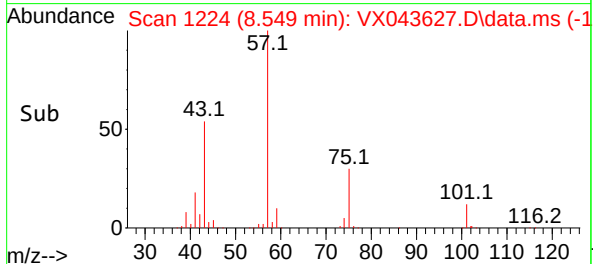
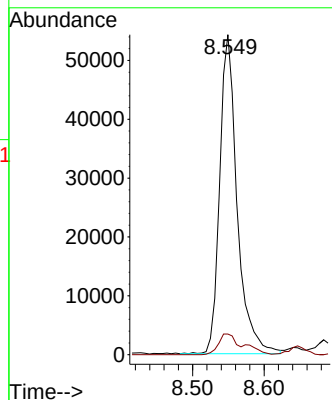
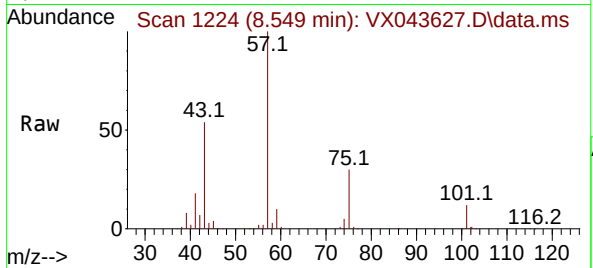




#51
4-Methyl-2-Pentanone
Concen: 34.289 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

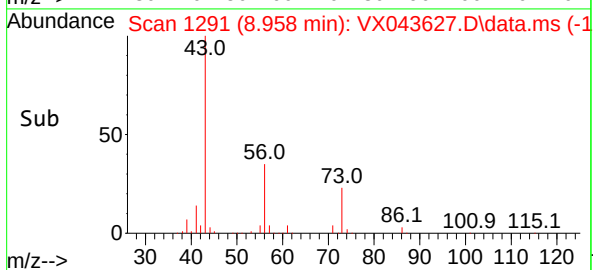
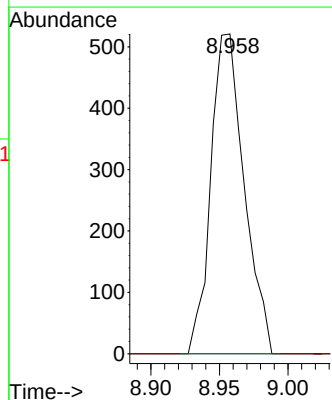
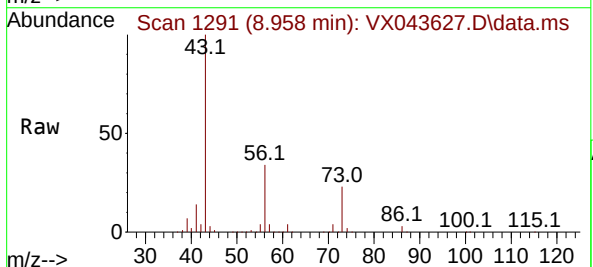
Instrument :
MSVOA_X
ClientSampleId :

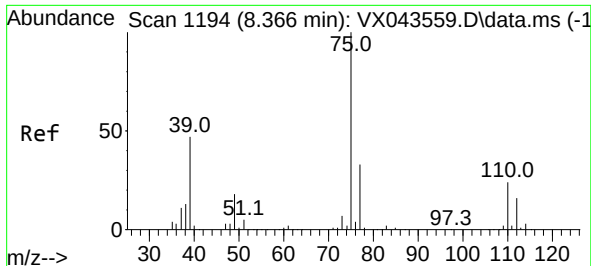
Tgt Ion: 43 Resp: 91936
Ion Ratio Lower Upper
43 100
58 6.6 31.7 47.5#



#53
t-1,3-Dichloropropene
Concen: 0.338 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 75 Resp: 883
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

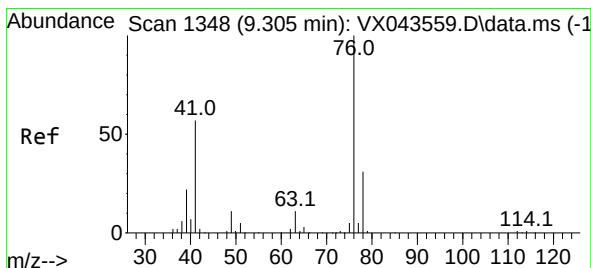
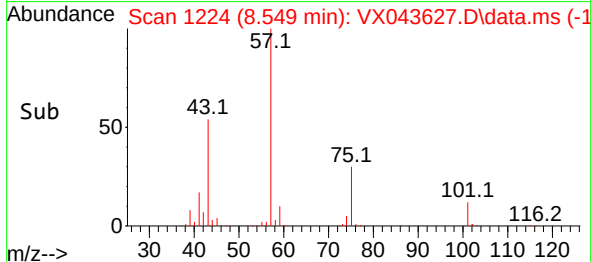
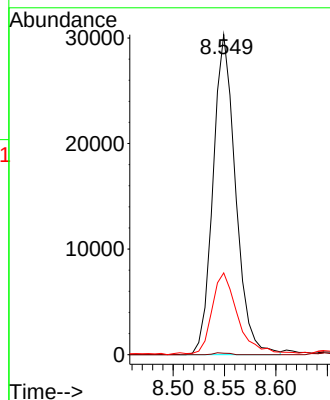
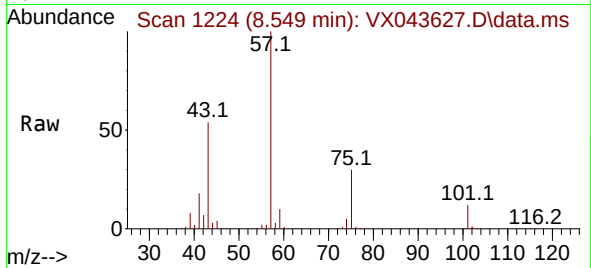




#54
 cis-1,3-Dichloropropene
 Concen: 16.653 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX043627.D
 Acq: 30 Oct 2024 16:20

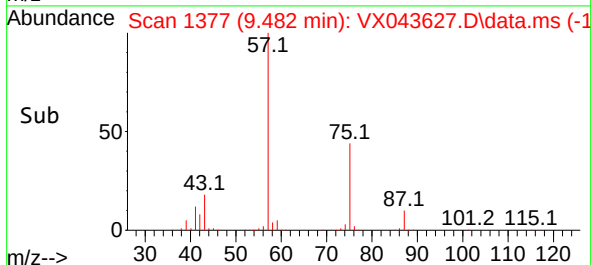
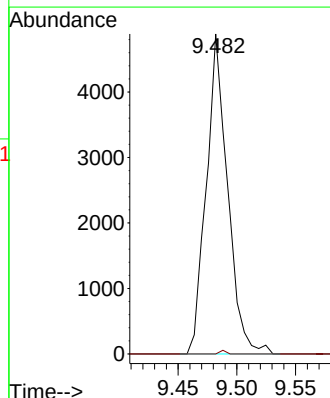
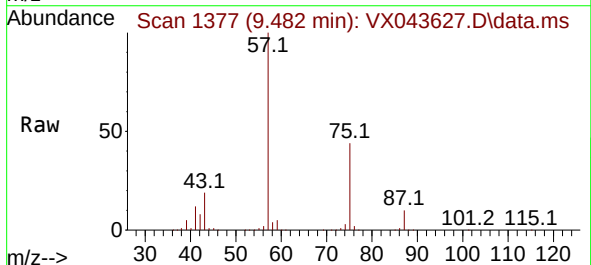
Instrument :
 MSVOA_X
 ClientSampleId :

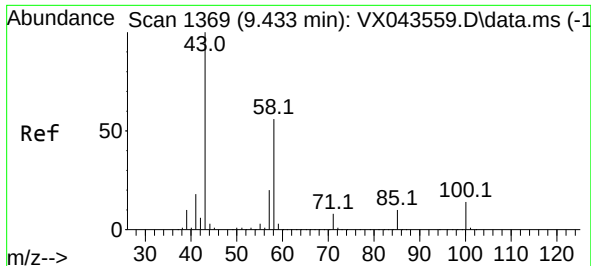
Tgt Ion: 75 Resp: 46330
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.8 37.2#
 39 24.9 37.7 56.5#



#57
 1,3-Dichloropropane
 Concen: 2.010 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX043627.D
 Acq: 30 Oct 2024 16:20

Tgt Ion: 76 Resp: 6169
 Ion Ratio Lower Upper
 76 100
 78 0.3 25.9 38.9#

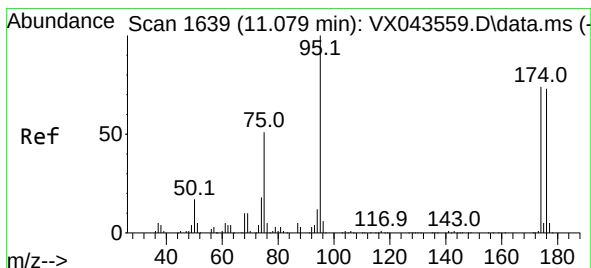
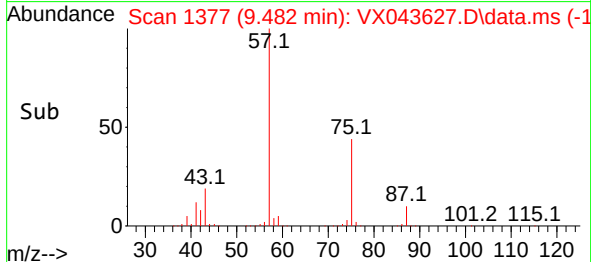
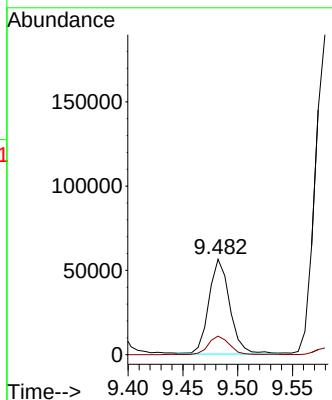
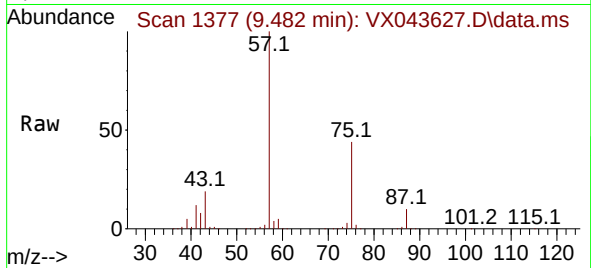




#59
2-Hexanone
Concen: 36.981 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

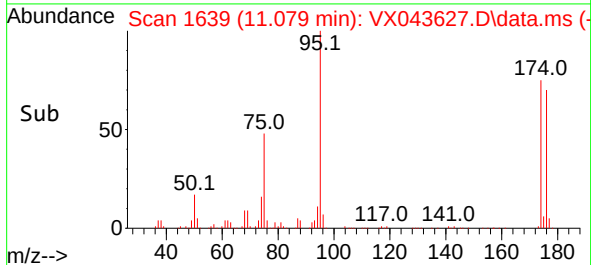
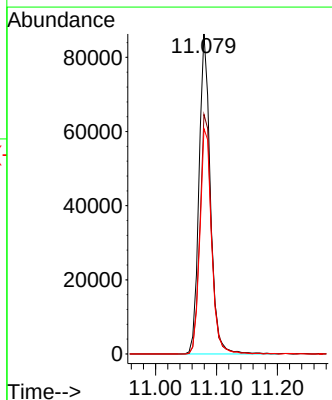
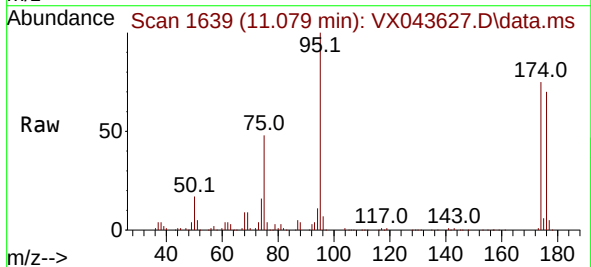
Instrument :
MSVOA_X
ClientSampleId :

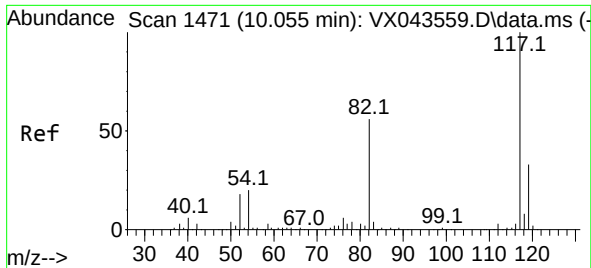
Tgt Ion: 43 Resp: 75308
Ion Ratio Lower Upper
43 100
58 19.8 27.5 82.5#



#62
4-Bromofluorobenzene
Concen: 47.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 95 Resp: 111414
Ion Ratio Lower Upper
95 100
174 77.5 0.0 146.6
176 72.9 0.0 139.6

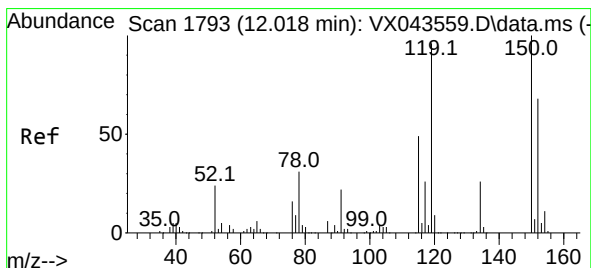
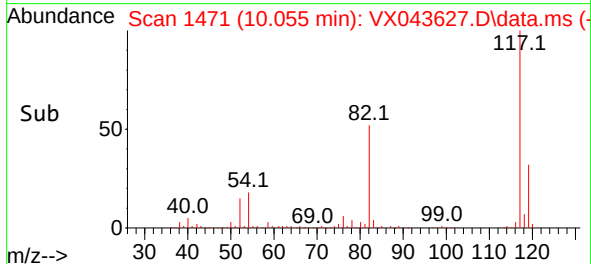
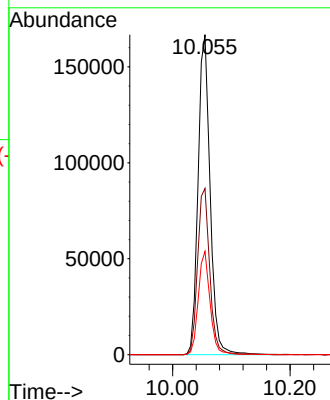
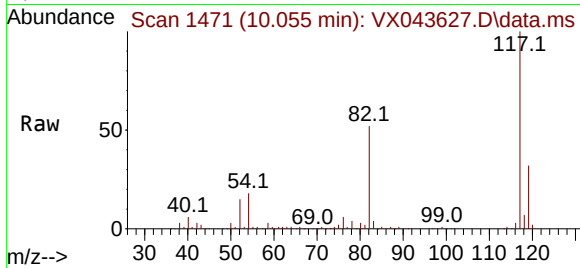




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

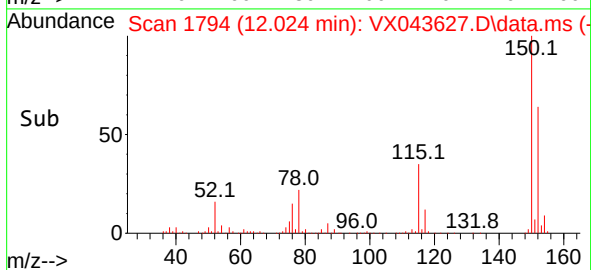
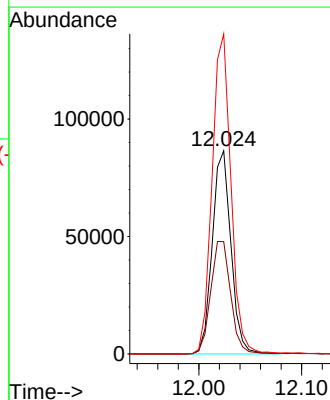
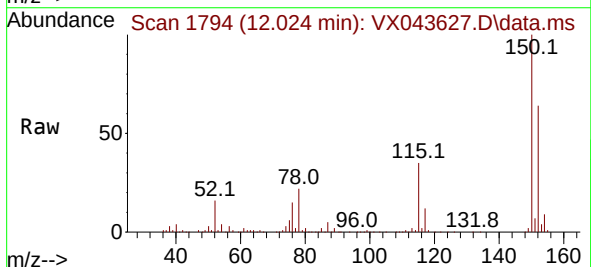
Instrument :
MSVOA_X
ClientSampleId :

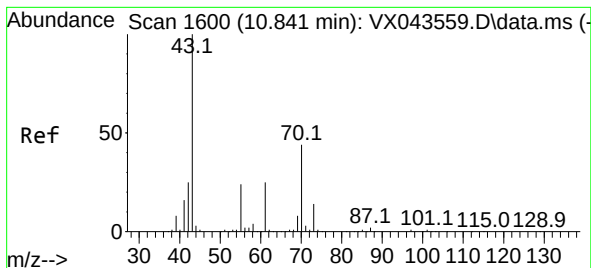
Tgt Ion:117 Resp: 236644
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion:152 Resp: 108965
Ion Ratio Lower Upper
152 100
115 59.4 42.9 128.7
150 159.3 0.0 343.6





#74

N-amy1 acetate

Concen: 0.202 ug/l

RT: 10.823 min Scan# 1

Delta R.T. -0.018 min

Lab File: VX043627.D

Acq: 30 Oct 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 759

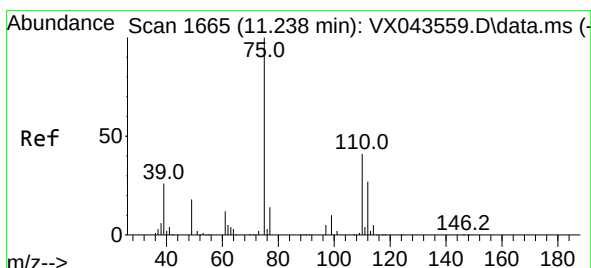
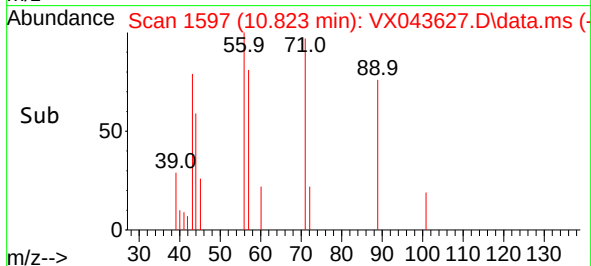
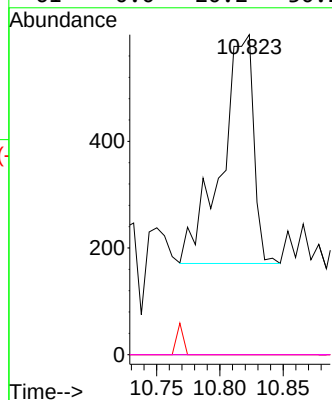
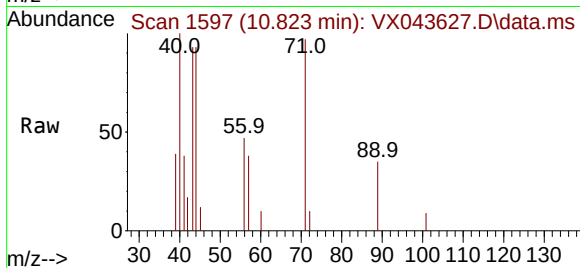
Ion Ratio Lower Upper

43 100

70 0.0 34.6 52.0#

55 0.0 19.6 29.4#

61 0.0 20.2 30.2#



#76

1,2,3-Trichloropropane

Concen: 22.637 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043627.D

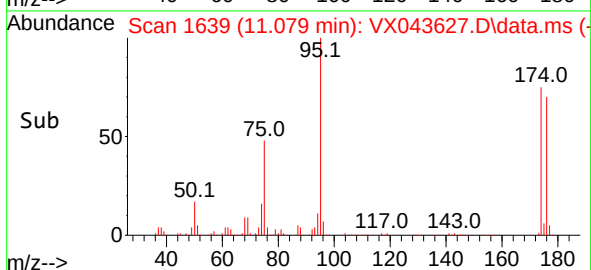
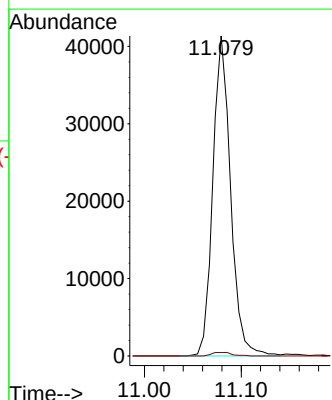
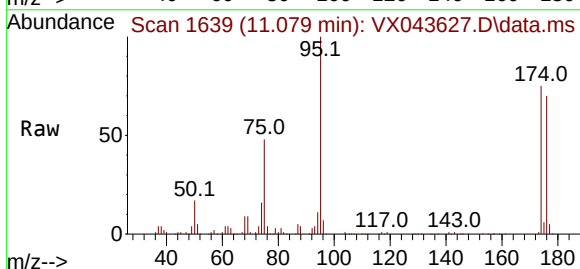
Acq: 30 Oct 2024 16:20

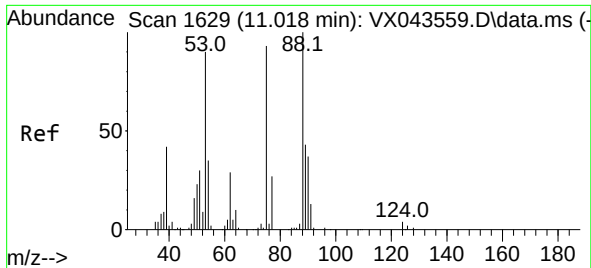
Tgt Ion: 75 Resp: 52739

Ion Ratio Lower Upper

75 100

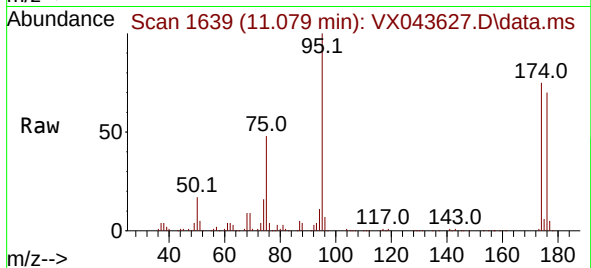
77 1.3 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.274 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 52739
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

