

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043463.D
 Acq On : 21 Oct 2024 18:30
 Operator : JC/MD
 Sample : PB164196ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 22 02:43:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

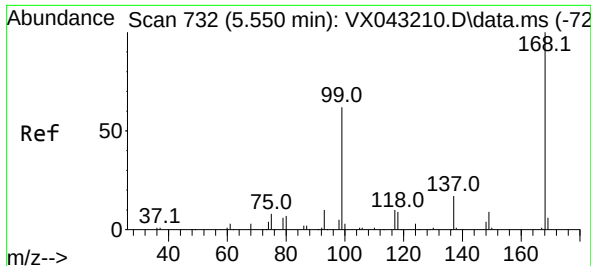
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	96300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82686	52.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.140%	
35) Dibromofluoromethane	5.391	113	59595	47.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.800%	
50) Toluene-d8	8.647	98	217570	50.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	11.079	95	79554	50.792	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.580%	

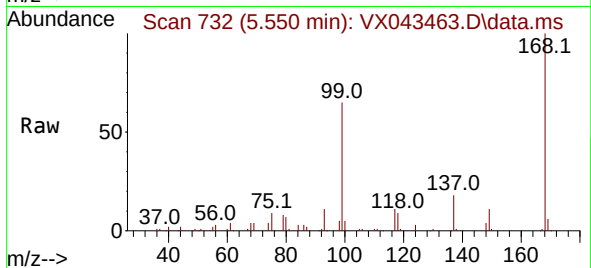
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.032	59	80	0.267	ug/l #	71
16) Acetone	2.386	43	28252	43.016	ug/l	99
18) Methyl Acetate	2.715	43	3812	2.314	ug/l	91
20) Methylene Chloride	2.788	84	3194	2.638	ug/l	89
23) Vinyl Acetate	3.733	43	48	6.351	ug/l #	71
31) Cyclohexane	5.550	56	2578	1.519	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	8813	5.607	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10595	5.695	ug/l #	16
43) Isopropyl Acetate	6.342	43	102609	32.915	ug/l	99
48) Methyl methacrylate	7.799	41	89333	58.403	ug/l #	45
49) 1,4-Dioxane	7.799	88	106	3.565	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	79051	41.752	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	616	0.336	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	35450	18.055	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	4613	2.282	ug/l #	43
59) 2-Hexanone	9.482	43	60909	42.541	ug/l #	53
74) N-amyl acetate	10.811	43	786	0.299	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	43156	27.281	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	43156	70.702	ug/l #	8

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

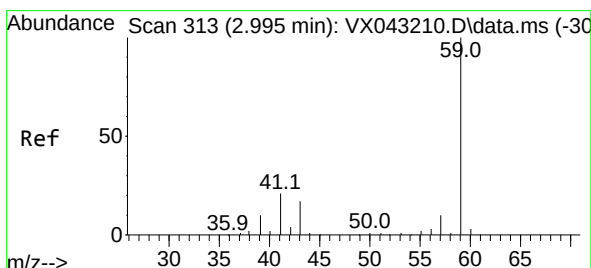
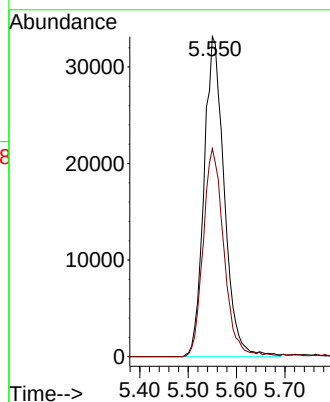
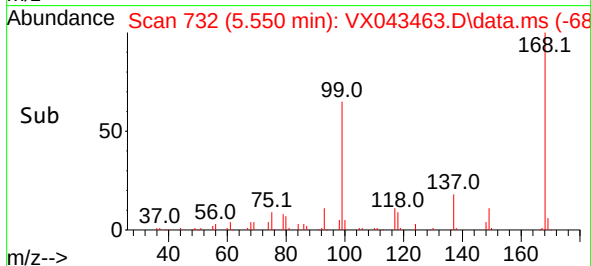


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :

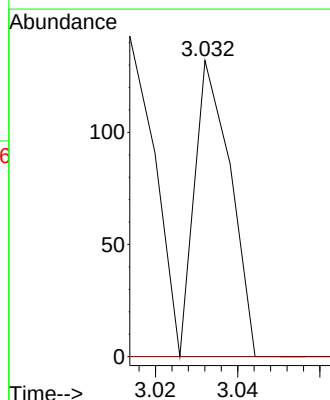
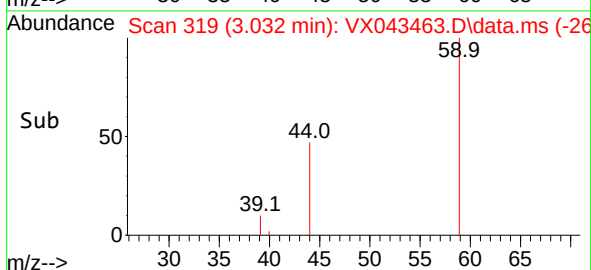
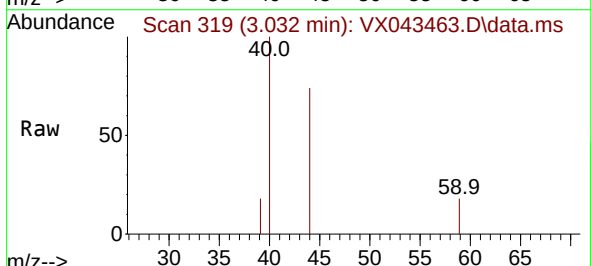


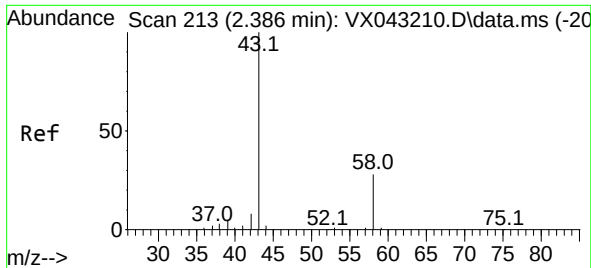
Tgt Ion:168 Resp: 96300
Ion Ratio Lower Upper
168 100
99 65.0 49.7 74.5



#11
Tert butyl alcohol
Concen: 0.267 ug/l
RT: 3.032 min Scan# 319
Delta R.T. 0.037 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

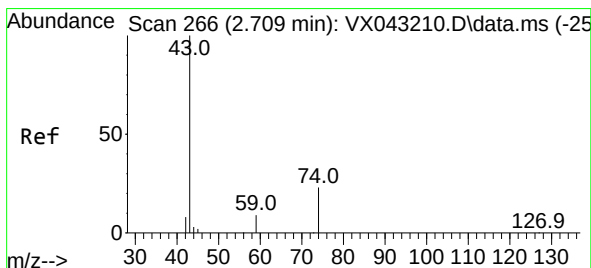
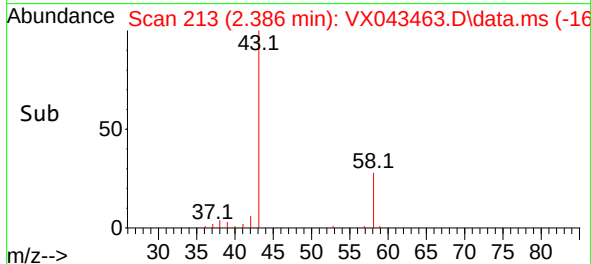
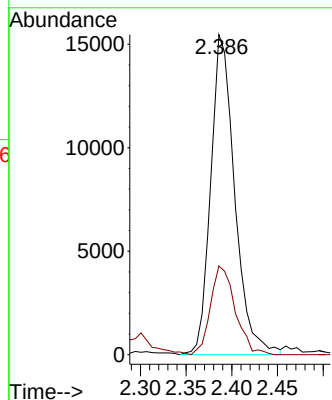
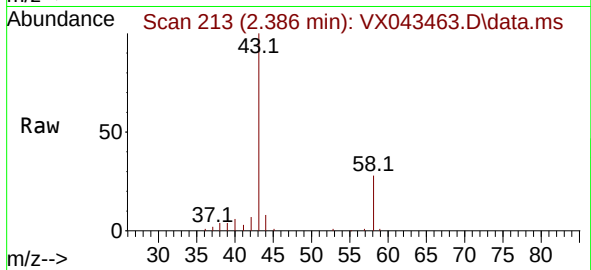




#16
Acetone
Concen: 43.016 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

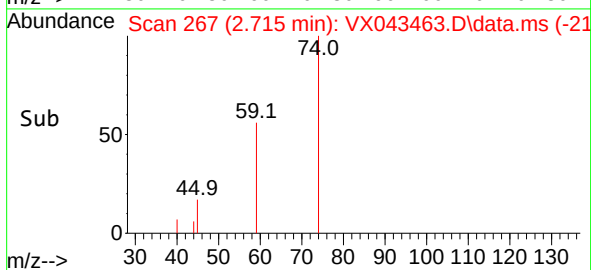
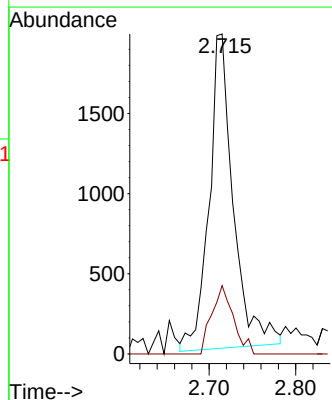
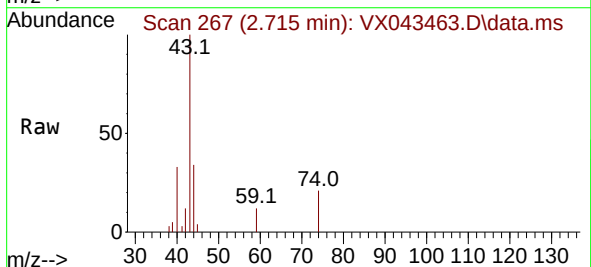
Instrument :
MSVOA_X
ClientSampleId :

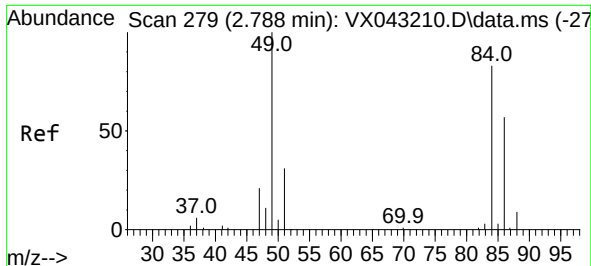
Tgt Ion: 43 Resp: 28252
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8



#18
Methyl Acetate
Concen: 2.314 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

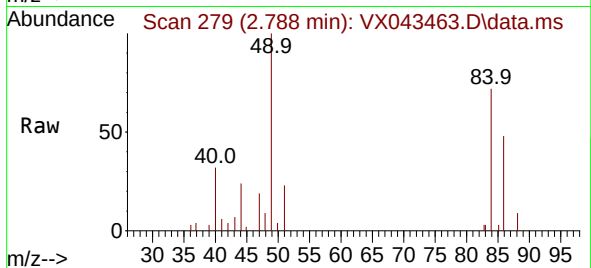
Tgt Ion: 43 Resp: 3812
Ion Ratio Lower Upper
43 100
74 19.5 19.1 28.7



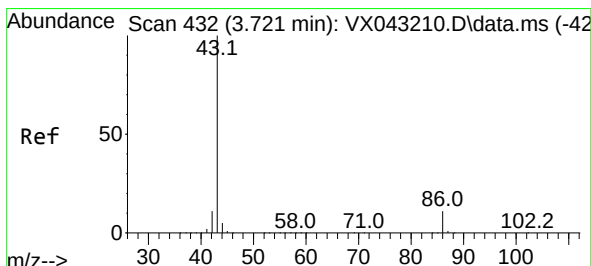
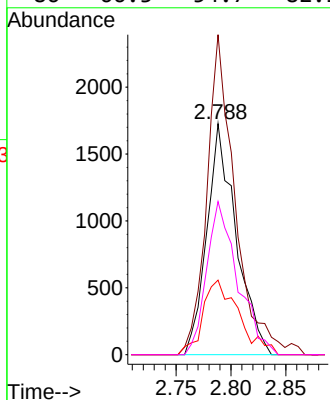
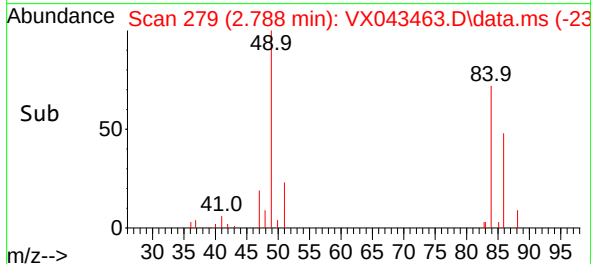


#20
Methylene Chloride
Concen: 2.638 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :

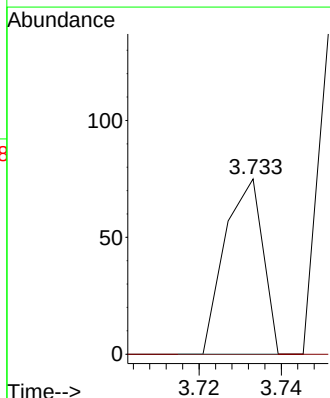
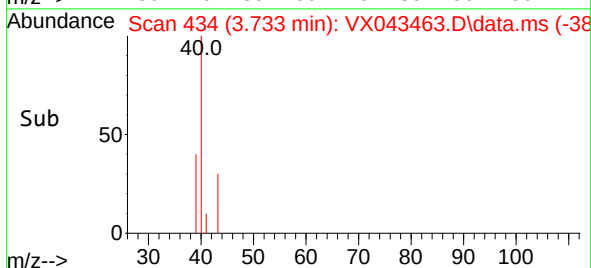
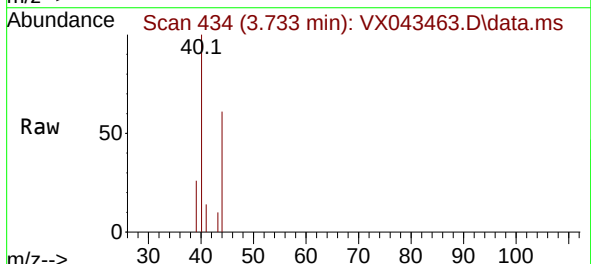


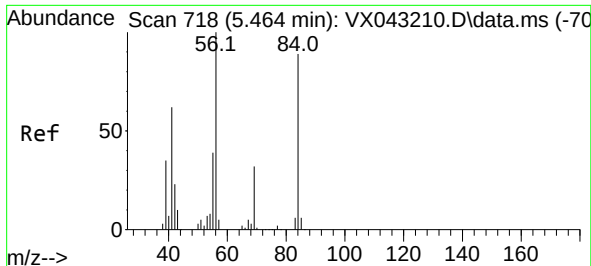
Tgt Ion: 84	Resp: 3194
Ion Ratio	Lower Upper
84 100	
49 138.5	96.7 145.1
51 32.2	30.4 45.6
86 66.3	54.7 82.1



#23
Vinyl Acetate
Concen: 6.351 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

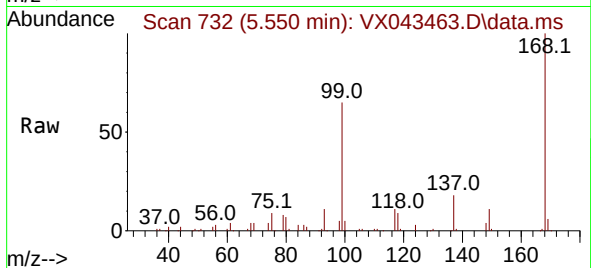
Tgt Ion: 43	Resp: 48		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.8	13.2#	



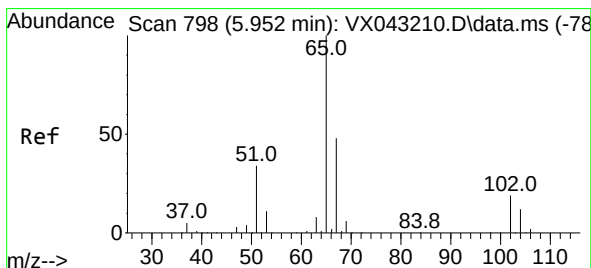
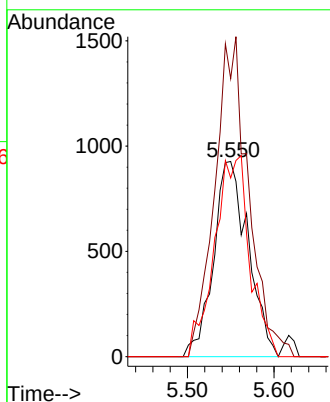
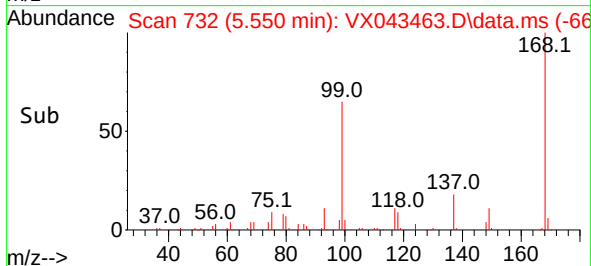


#31
Cyclohexane
Concen: 1.519 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :

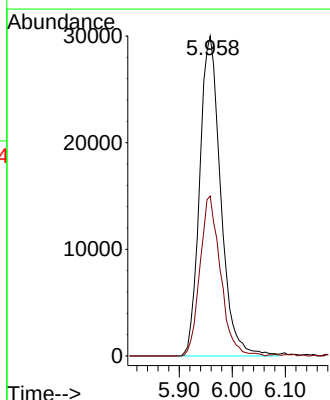
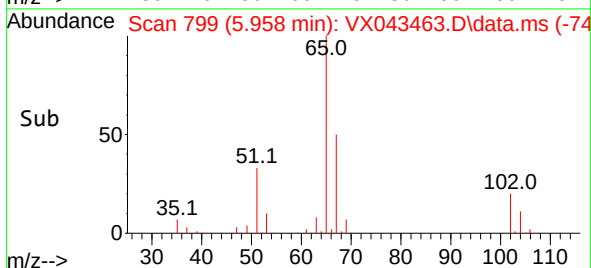
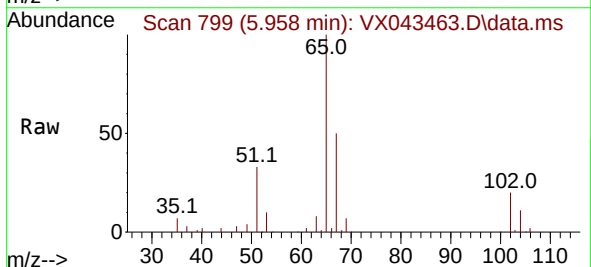


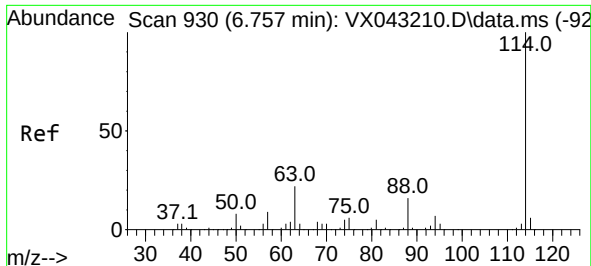
Tgt Ion: 56 Resp: 2578
Ion Ratio Lower Upper
56 100
69 142.5 25.8 38.6#
84 91.6 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 52.575 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Tgt Ion: 65 Resp: 82686
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

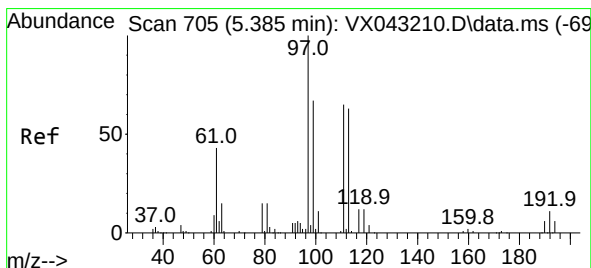
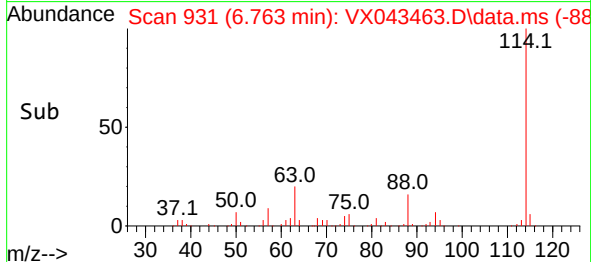
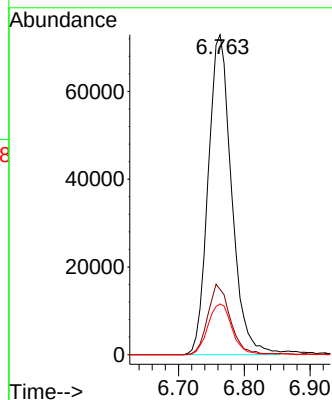
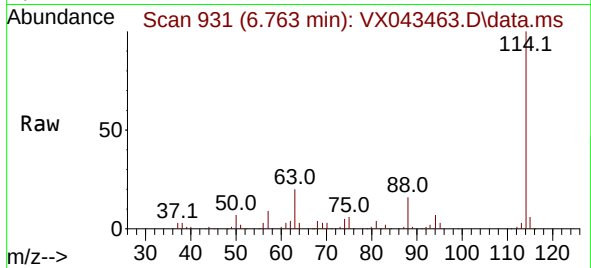




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

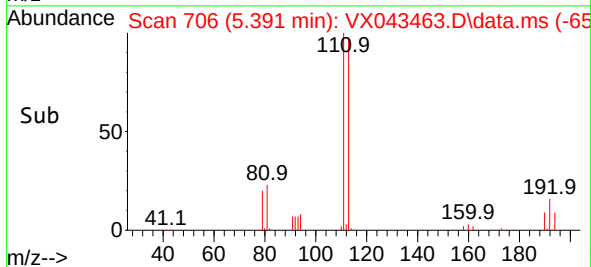
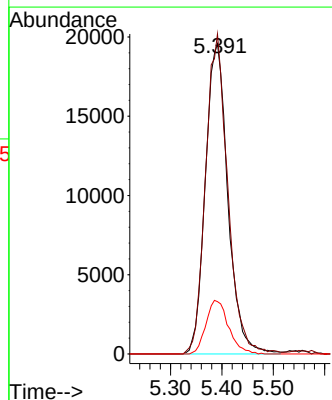
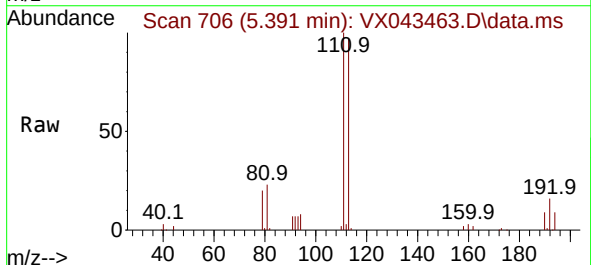
Instrument :
MSVOA_X
ClientSampleId :

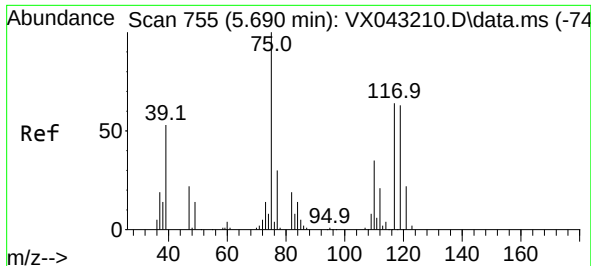
Tgt Ion:114 Resp: 180394
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.0
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.903 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

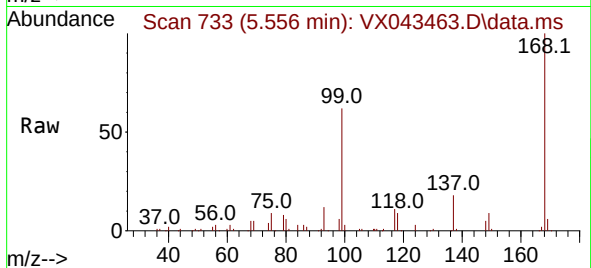
Tgt Ion:113 Resp: 59595
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.0
192 17.3 14.1 21.1



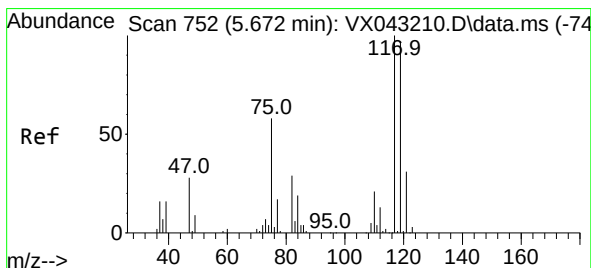
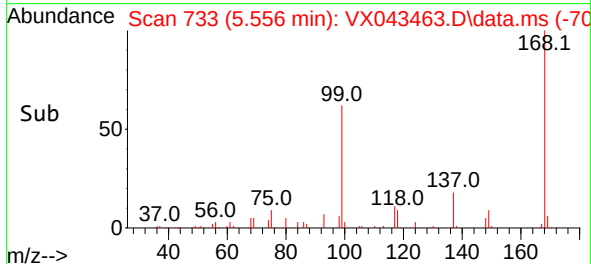
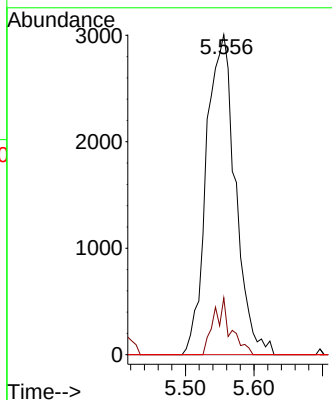


#36
1,1-Dichloropropene
Concen: 5.607 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :

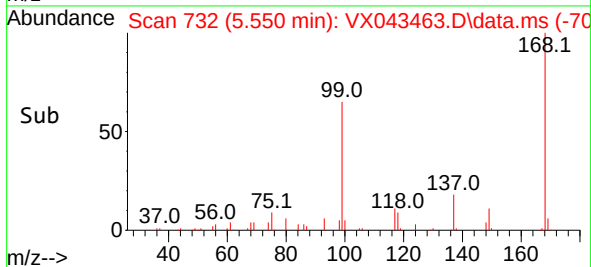
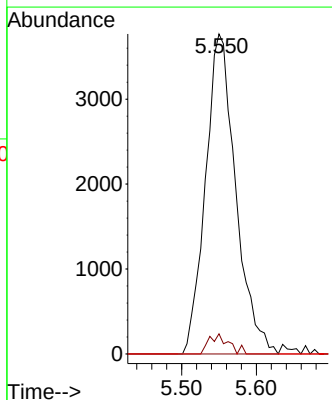
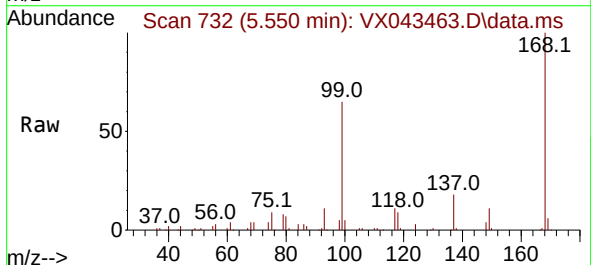


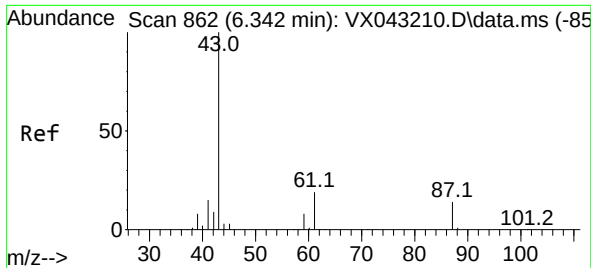
Tgt Ion: 75 Resp: 8813
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Tgt Ion: 117 Resp: 10595
Ion Ratio Lower Upper
117 100
119 6.3 77.7 116.5#
121 0.0 24.3 36.5#

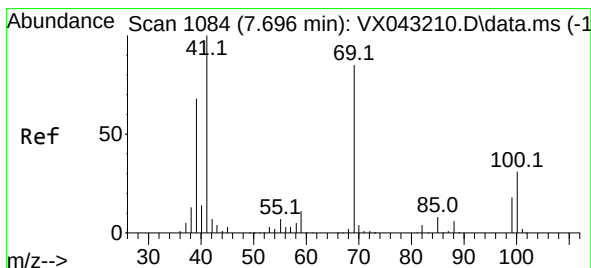
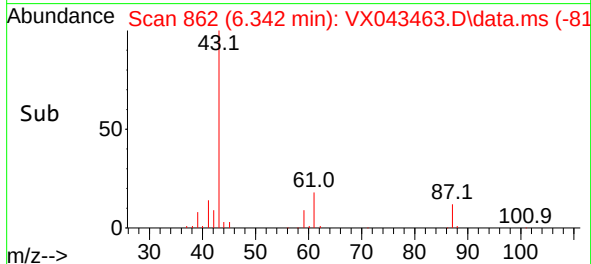
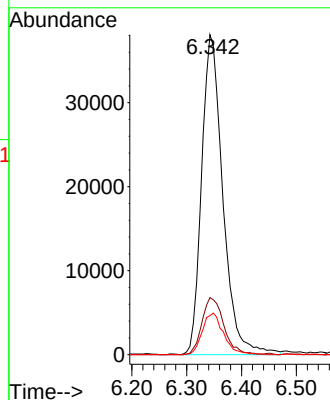
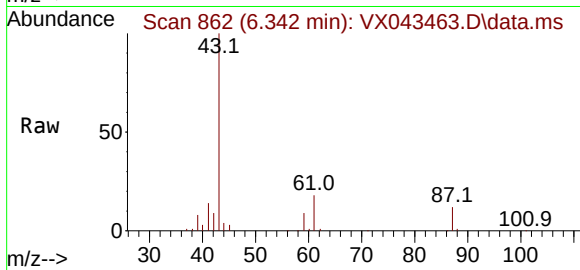




#43
Isopropyl Acetate
Concen: 32.915 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

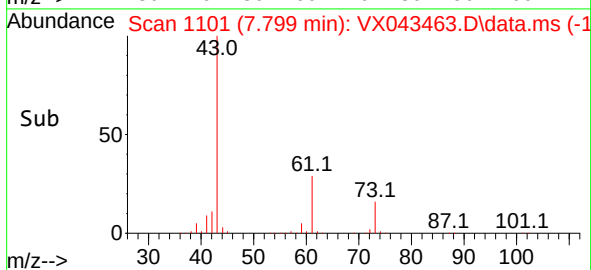
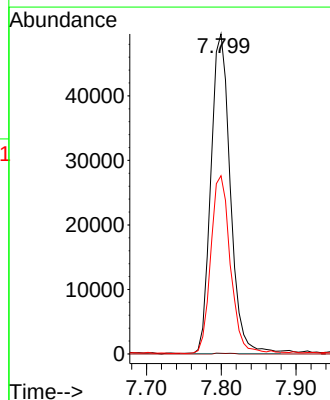
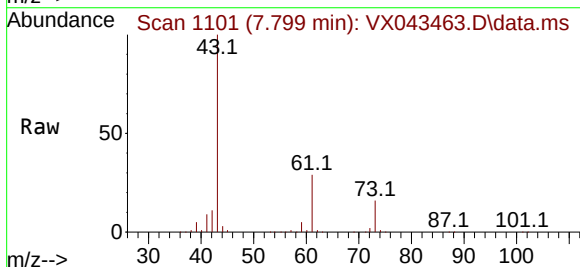
Instrument :
MSVOA_X
ClientSampleId :

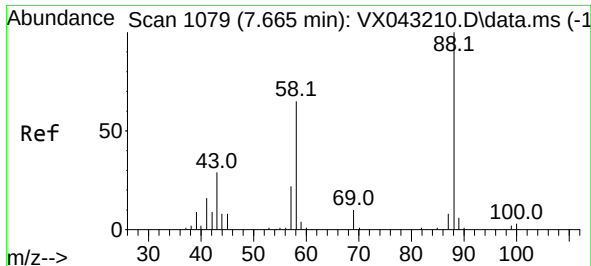
Tgt Ion: 43 Resp: 102609
Ion Ratio Lower Upper
43 100
61 18.3 15.1 22.7
87 13.0 10.8 16.2



#48
Methyl methacrylate
Concen: 58.403 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Tgt Ion: 41 Resp: 89333
Ion Ratio Lower Upper
41 100
69 0.2 64.1 96.1#
39 55.9 52.8 79.2





#49

1,4-Dioxane

Concen: 3.565 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX043463.D

Acq: 21 Oct 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

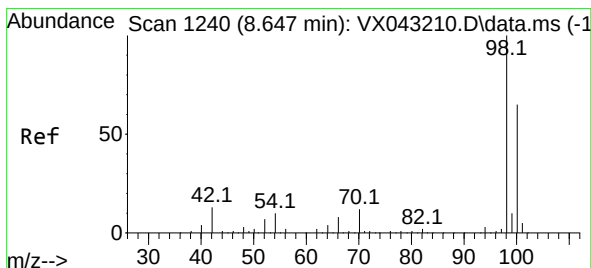
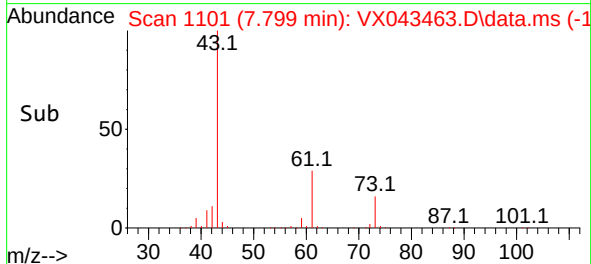
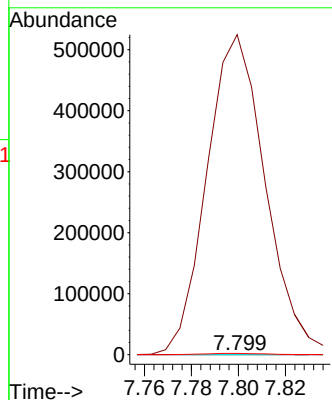
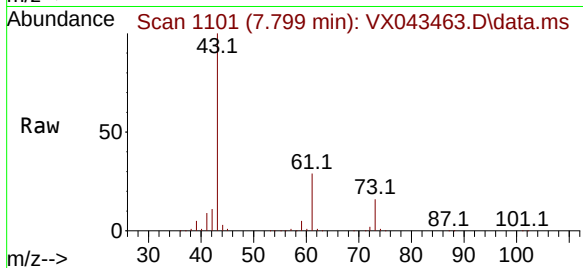
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

43 877111.3 29.5 44.3#

58 3782.1 55.2 82.8#



#50

Toluene-d8

Concen: 50.465 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043463.D

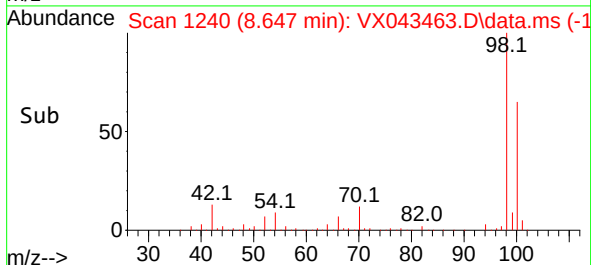
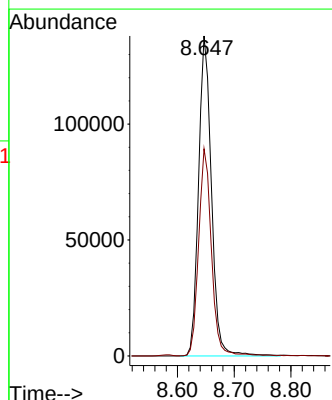
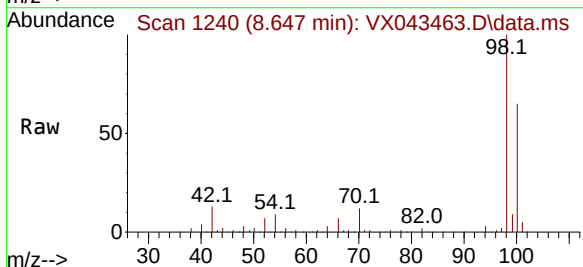
Acq: 21 Oct 2024 18:30

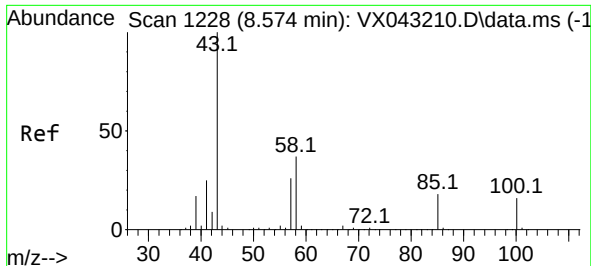
Tgt Ion: 98 Resp: 217570

Ion Ratio Lower Upper

98 100

100 64.1 52.4 78.6

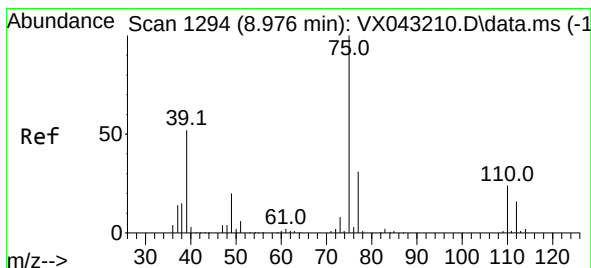
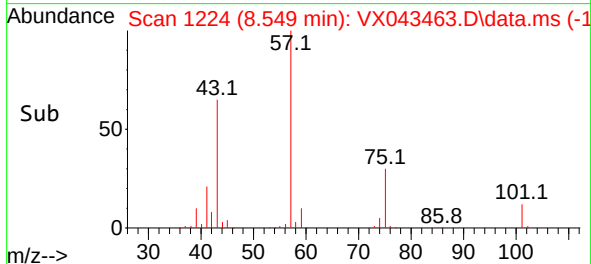
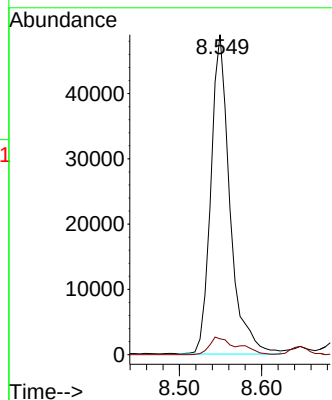
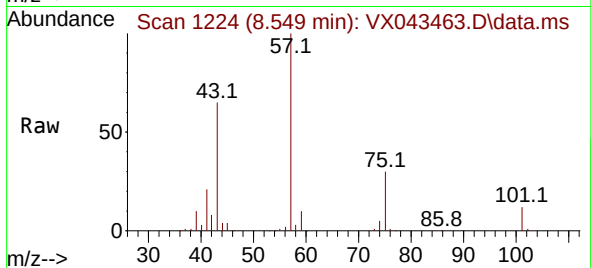




#51
4-Methyl-2-Pentanone
Concen: 41.752 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

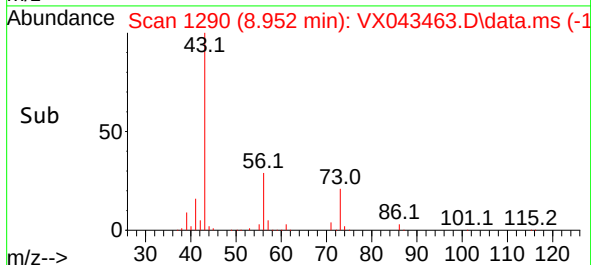
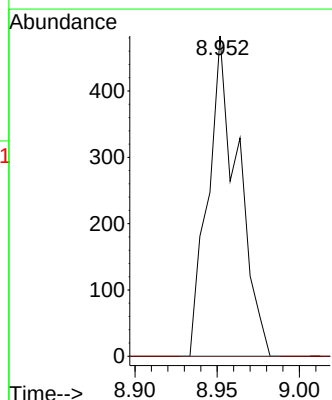
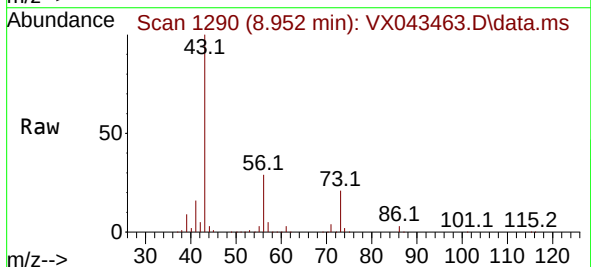
Instrument :
MSVOA_X
ClientSampleId :

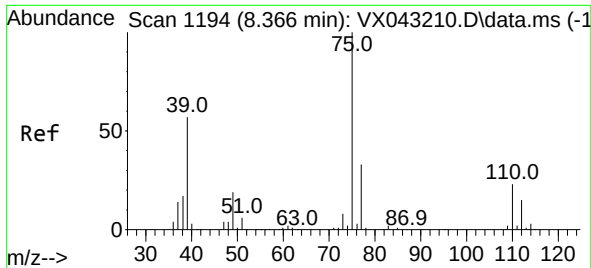
Tgt Ion: 43 Resp: 79051
Ion Ratio Lower Upper
43 100
58 8.1 30.0 45.0#



#53
t-1,3-Dichloropropene
Concen: 0.336 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Tgt Ion: 75 Resp: 616
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

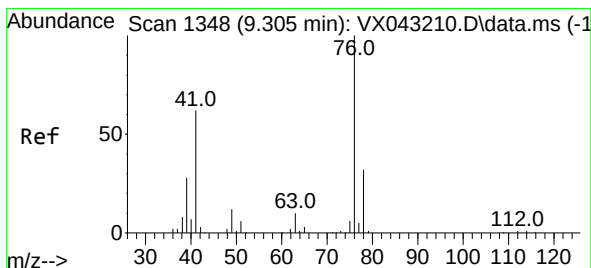
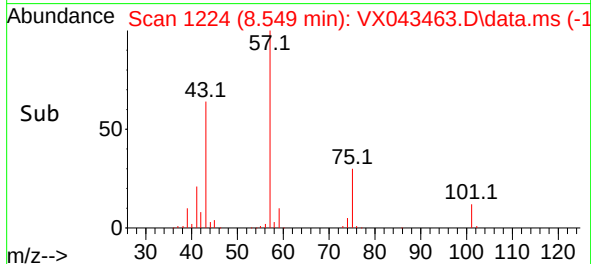
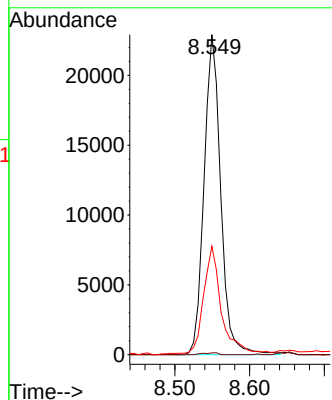
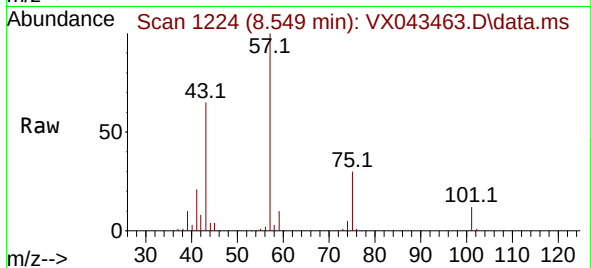




#54
 cis-1,3-Dichloropropene
 Concen: 18.055 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX043463.D
 Acq: 21 Oct 2024 18:30

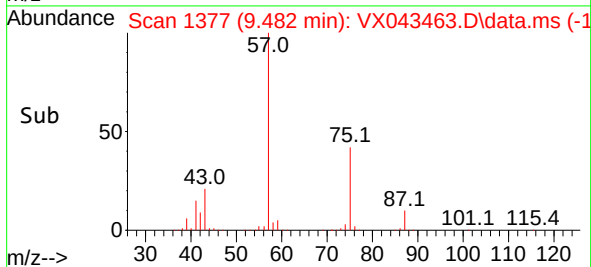
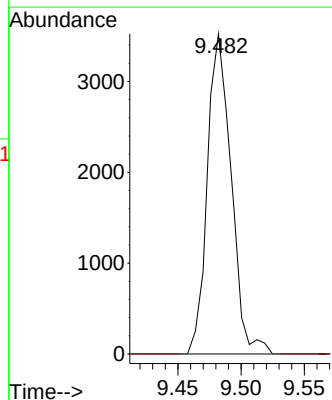
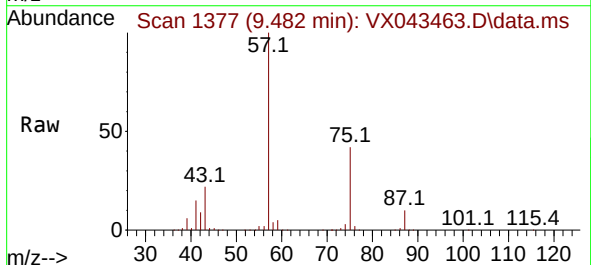
Instrument :
 MSVOA_X
 ClientSampleId :

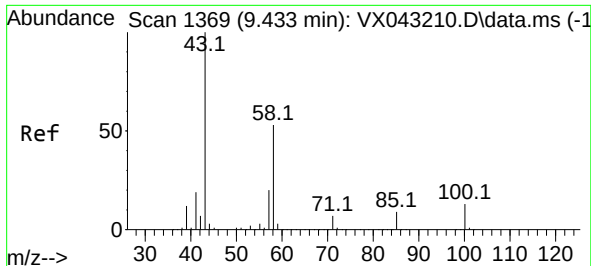
Tgt Ion: 75 Resp: 35450
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.0 39.0#
 39 33.4 45.8 68.8#



#57
 1,3-Dichloropropane
 Concen: 2.282 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX043463.D
 Acq: 21 Oct 2024 18:30

Tgt Ion: 76 Resp: 4613
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

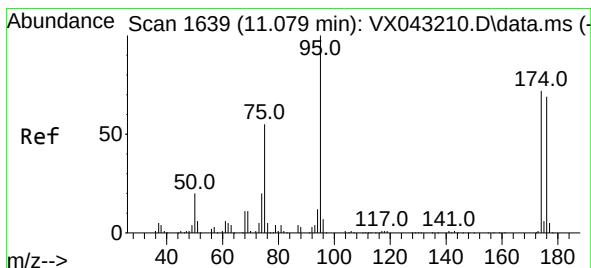
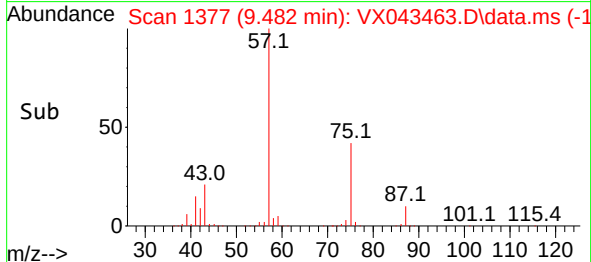
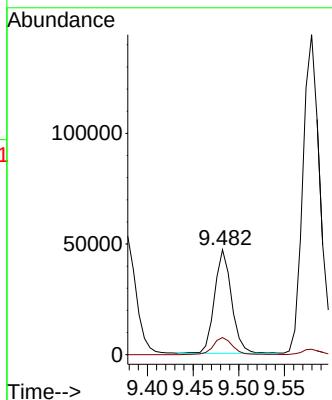
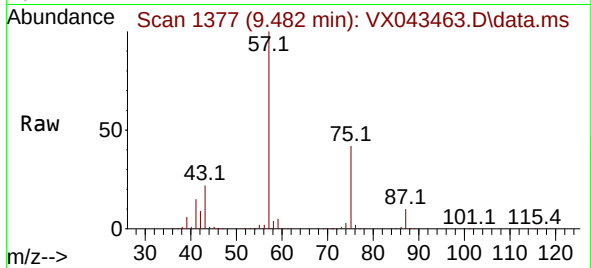




#59
2-Hexanone
Concen: 42.541 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

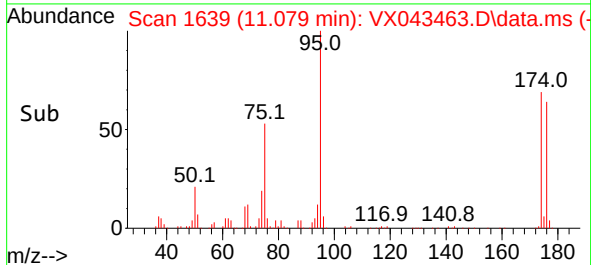
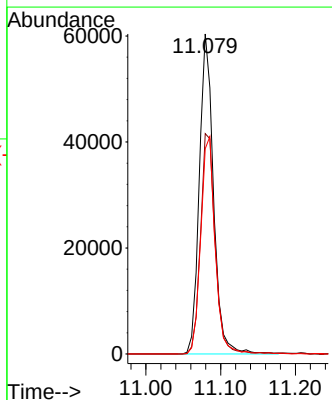
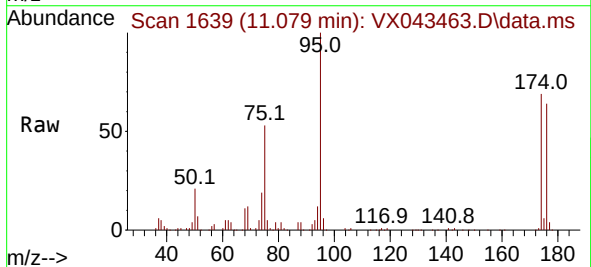
Instrument :
MSVOA_X
ClientSampleId :

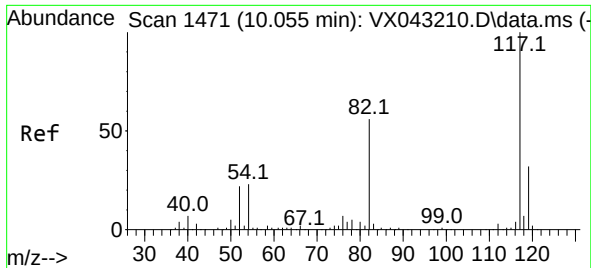
Tgt Ion: 43 Resp: 60909
Ion Ratio Lower Upper
43 100
58 19.2 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 50.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

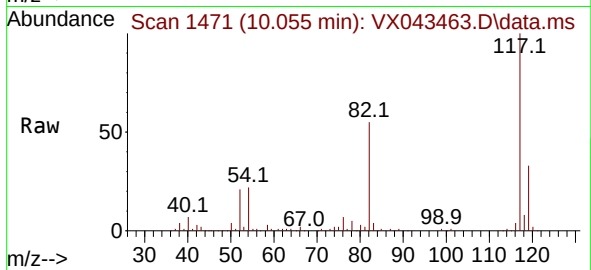
Tgt Ion: 95 Resp: 79554
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.0
176 68.8 0.0 143.0



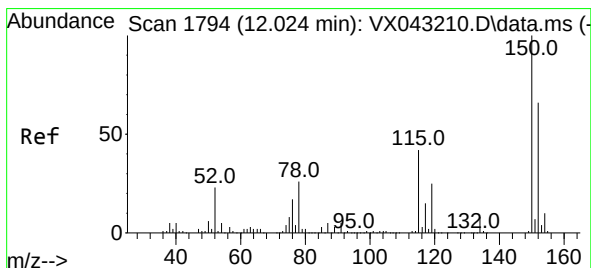
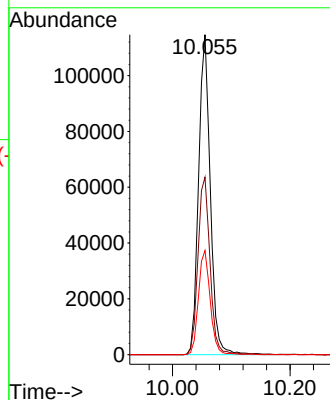
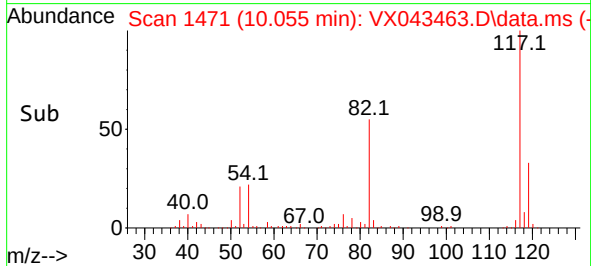


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Instrument :
MSVOA_X
ClientSampleId :

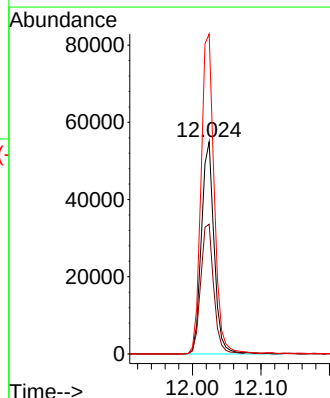
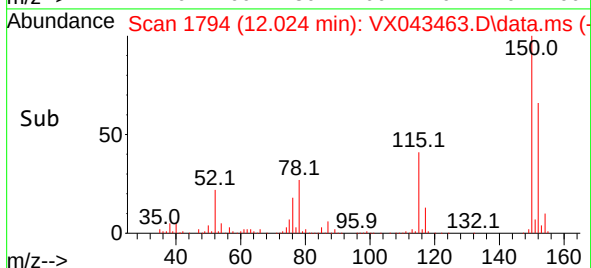
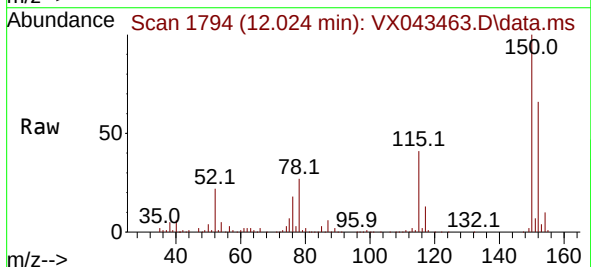


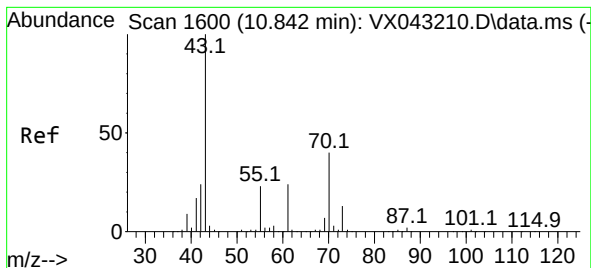
Tgt Ion:117 Resp: 158578
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.6
119 32.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043463.D
Acq: 21 Oct 2024 18:30

Tgt Ion:152 Resp: 71319
Ion Ratio Lower Upper
152 100
115 62.6 44.1 132.3
150 155.4 0.0 347.4





#74

N-amy1 acetate

Concen: 0.299 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. -0.030 min

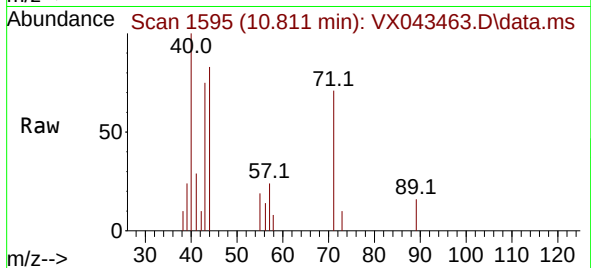
Lab File: VX043463.D

Acq: 21 Oct 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 786

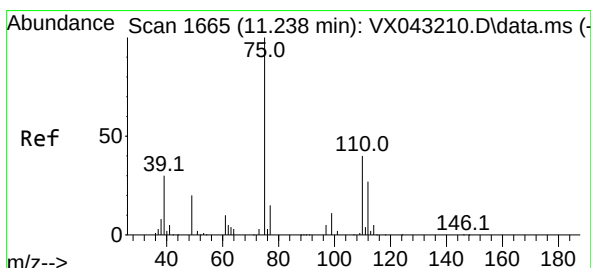
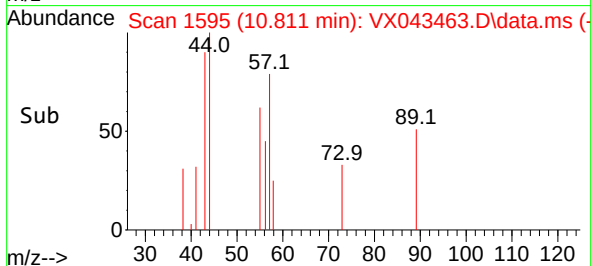
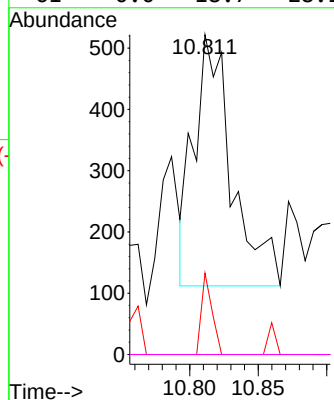
Ion Ratio Lower Upper

43 100

70 0.0 33.1 49.7#

55 9.0 18.6 27.8#

61 0.0 18.7 28.1#



#76

1,2,3-Trichloropropane

Concen: 27.281 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043463.D

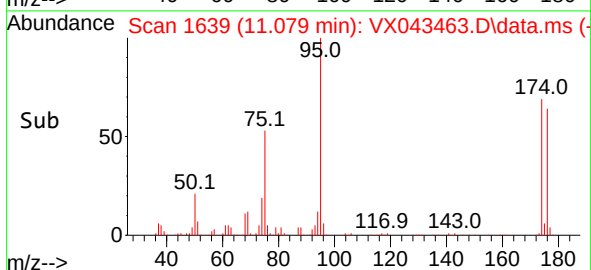
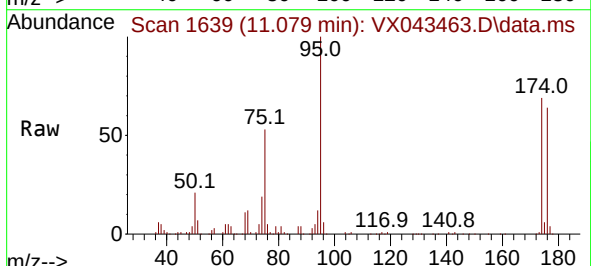
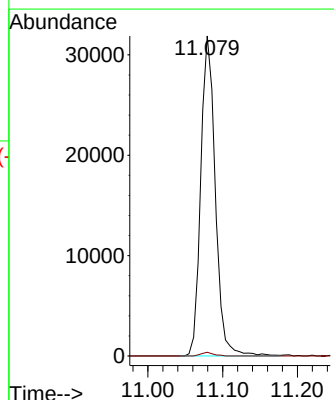
Acq: 21 Oct 2024 18:30

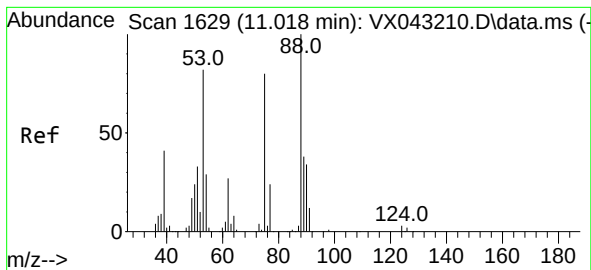
Tgt Ion: 75 Resp: 43156

Ion Ratio Lower Upper

75 100

77 1.0 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.702 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043463.D
 Acq: 21 Oct 2024 18:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 43156
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.1 38.6 58.0#

