

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043464.D
 Acq On : 21 Oct 2024 18:54
 Operator : JC/MD
 Sample : PB164196ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 22 02:43:57 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

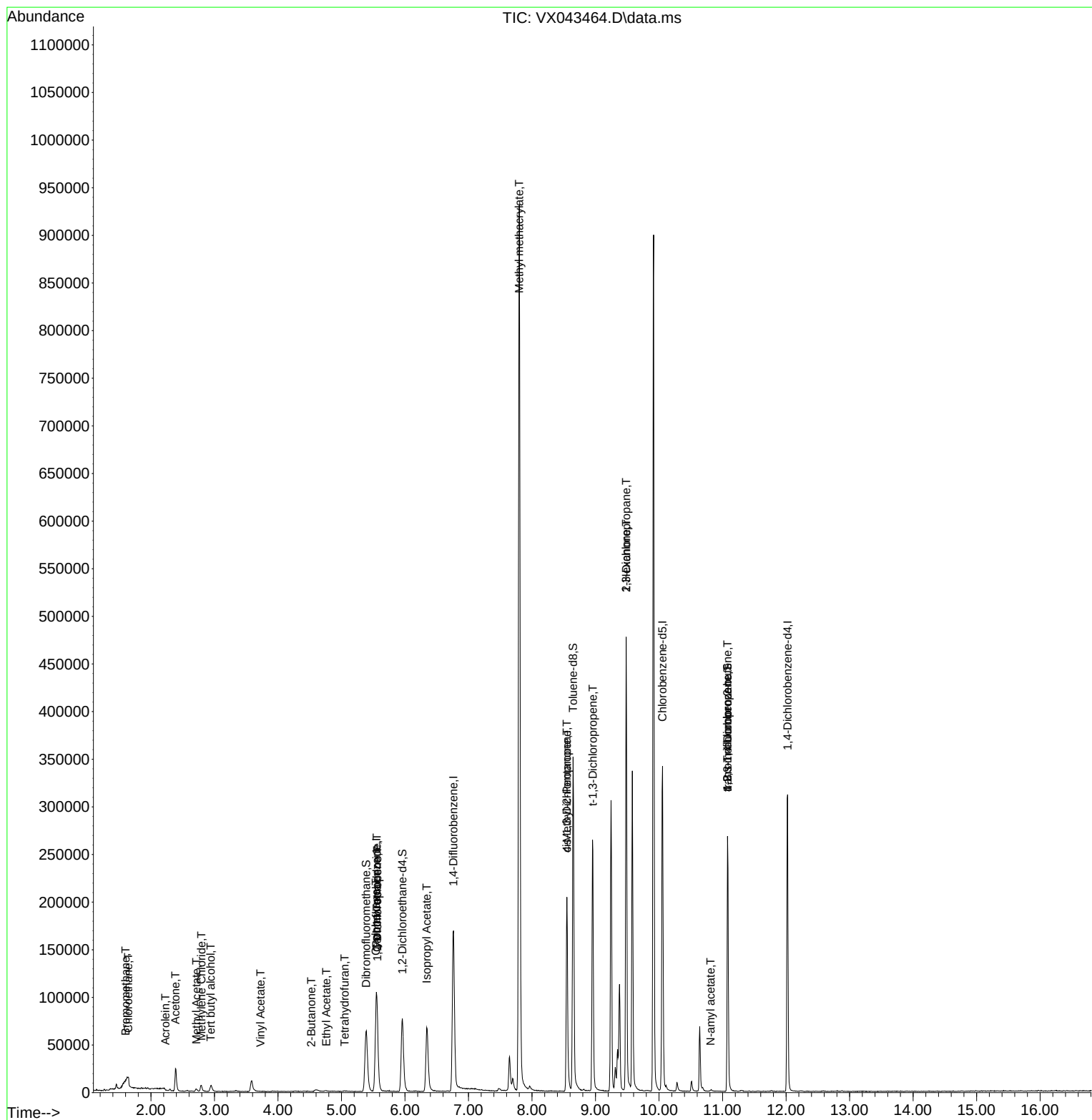
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	93088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78636	51.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.460%	
35) Dibromofluoromethane	5.385	113	57427	48.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.140%	
50) Toluene-d8	8.647	98	204493	49.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	11.079	95	73257	48.707	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.420%	
Target Compounds						Qvalue
5) Bromomethane	1.599	94	256	0.561	ug/l #	2
6) Chloroethane	1.642	64	141	0.339	ug/l #	39
11) Tert butyl alcohol	2.940	59	4141	14.314	ug/l #	74
13) Acrolein	2.227	56	80	0.293	ug/l #	45
16) Acetone	2.386	43	27036	42.585	ug/l	96
18) Methyl Acetate	2.715	43	3728	2.341	ug/l	94
20) Methylene Chloride	2.794	84	3700	3.161	ug/l #	86
23) Vinyl Acetate	3.727	43	26	6.346	ug/l #	71
25) 2-Butanone	4.526	43	202	0.232	ug/l #	49
29) Tetrahydrofuran	5.050	42	921	1.661	ug/l #	37
31) Cyclohexane	5.544	56	2362	1.440	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	8470	5.612	ug/l #	50
37) Ethyl Acetate	4.763	43	1483	0.818	ug/l #	77
38) Carbon Tetrachloride	5.556	117	10663	5.968	ug/l #	16
43) Isopropyl Acetate	6.342	43	96588	32.266	ug/l	99
48) Methyl methacrylate	7.799	41	83615	56.927	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	75365	41.452	ug/l #	51
53) t-1,3-Dichloropropene	8.958	75	650	0.370	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	32372	17.170	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	3988	2.054	ug/l #	43
59) 2-Hexanone	9.482	43	59470	43.254	ug/l #	53
74) N-amyl acetate	10.811	43	1279	0.519	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	39227	26.507	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	39227	68.696	ug/l #	8

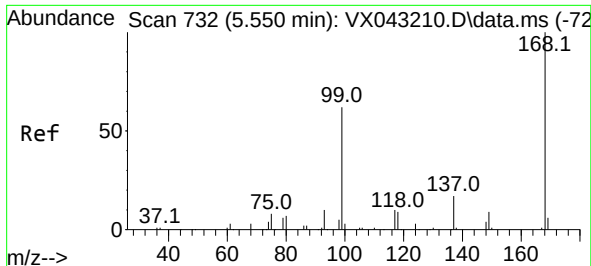
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
Data File : VX043464.D
Acq On : 21 Oct 2024 18:54
Operator : JC/MD
Sample : PB164196ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

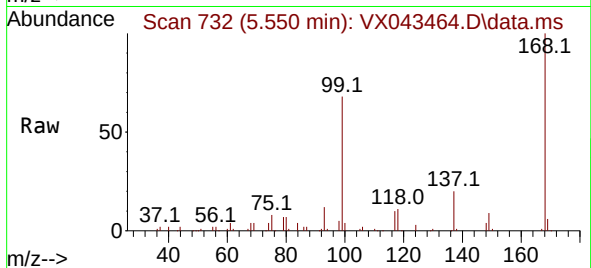
Quant Time: Oct 22 02:43:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



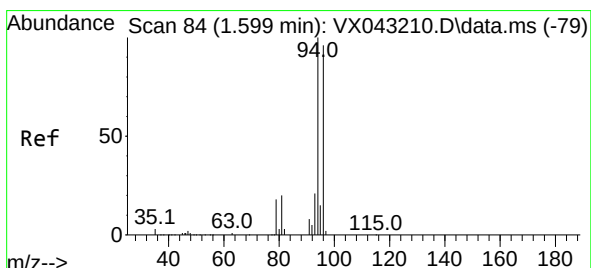
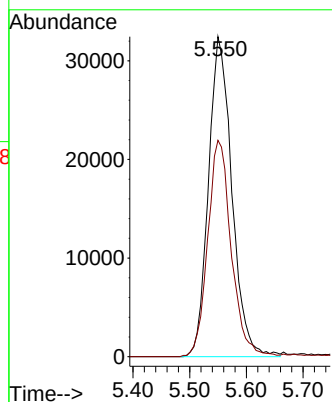
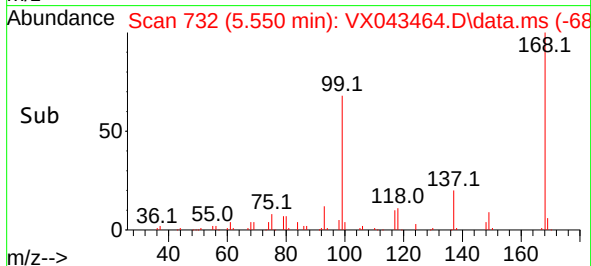


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :

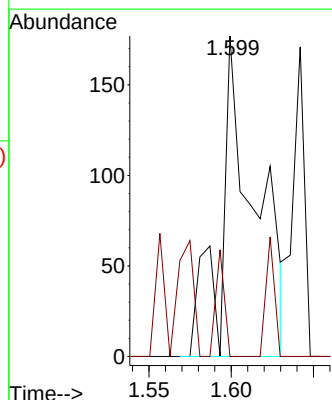
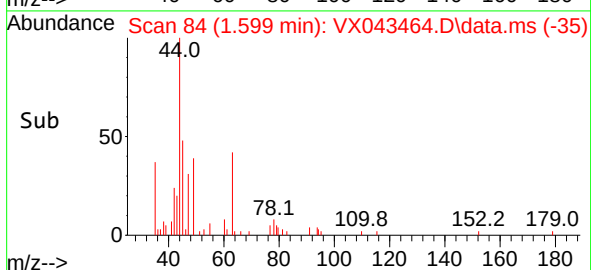
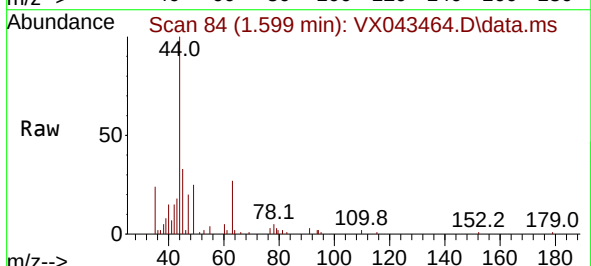


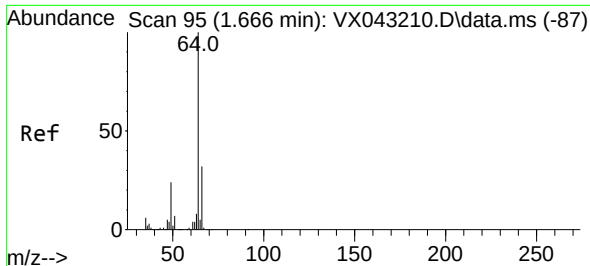
Tgt Ion:168 Resp: 93088
Ion Ratio Lower Upper
168 100
99 67.6 49.7 74.5



#5
Bromomethane
Concen: 0.561 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

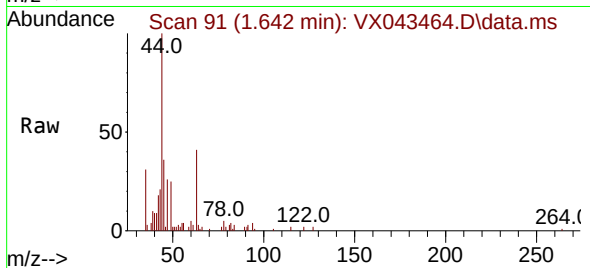
Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



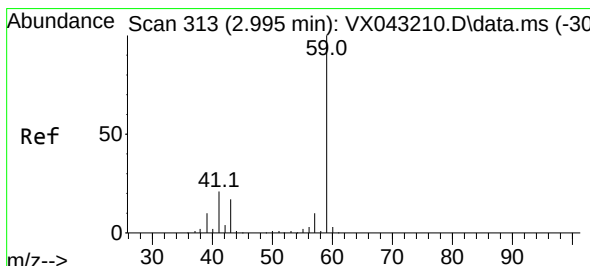
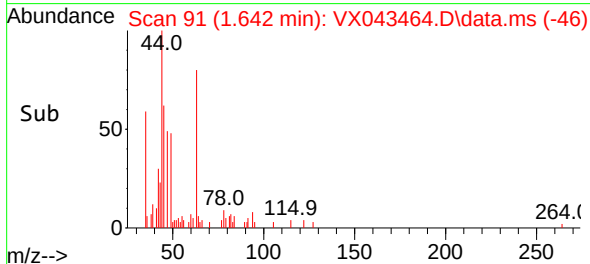
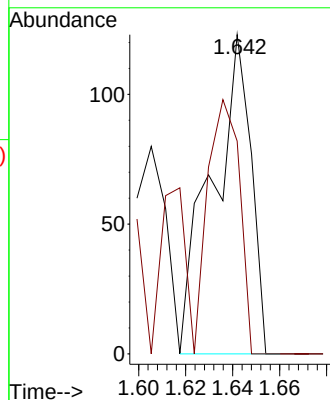


#6
Chloroethane
Concen: 0.339 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :

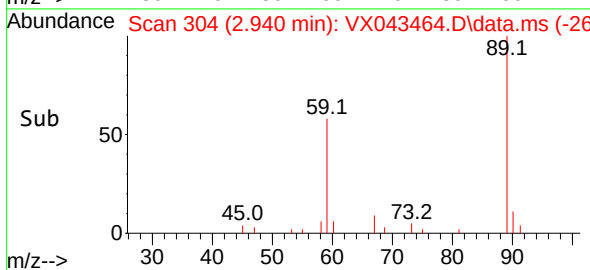
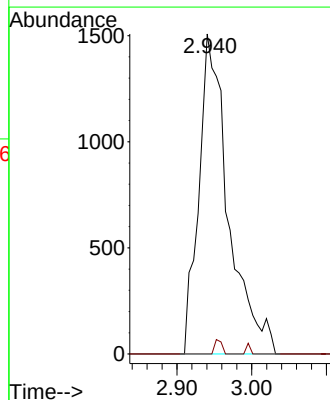
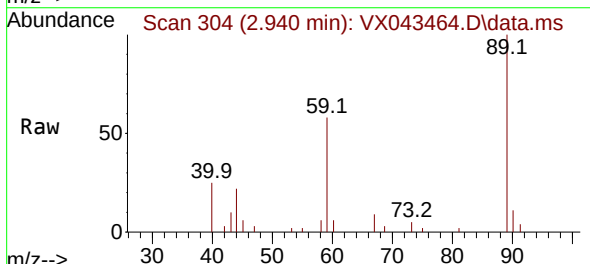


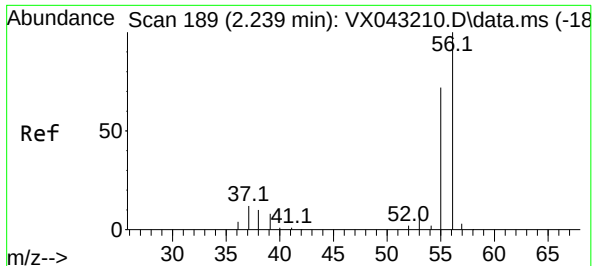
Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 66.7 25.8 38.8#



#11
Tert butyl alcohol
Concen: 14.314 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

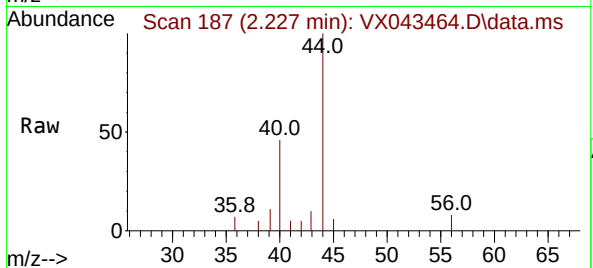
Tgt Ion: 59 Resp: 4141
Ion Ratio Lower Upper
59 100
57 1.1 8.6 13.0#



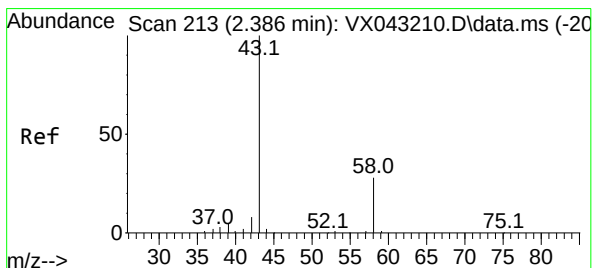
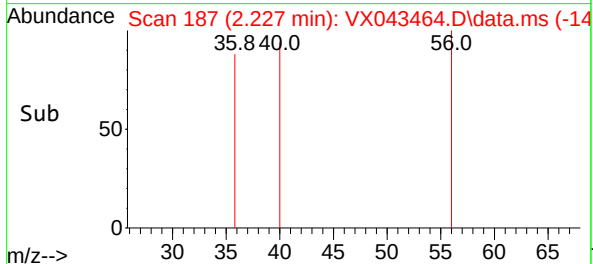
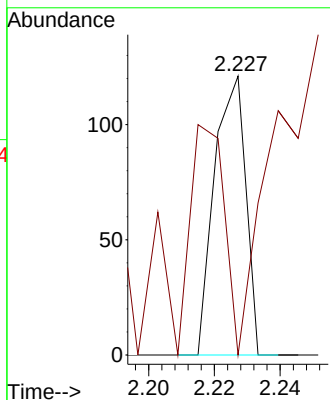


#13
Acrolein
Concen: 0.293 ug/l
RT: 2.227 min Scan# 189
Delta R.T. -0.012 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :

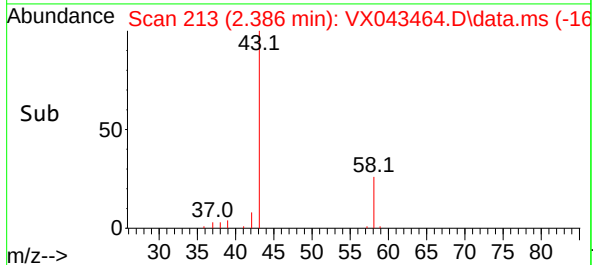
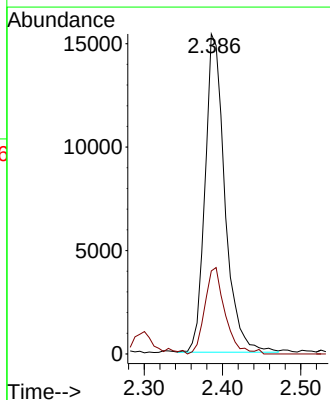
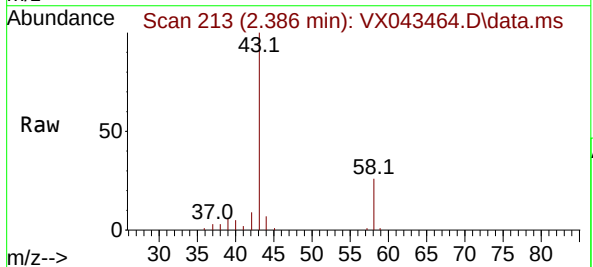


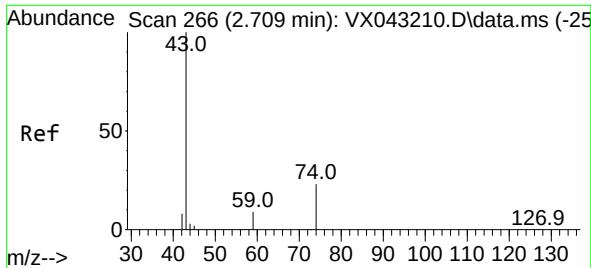
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 117.5 57.4 86.0#



#16
Acetone
Concen: 42.585 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Tgt Ion: 43 Resp: 27036
Ion Ratio Lower Upper
43 100
58 26.1 22.6 33.8

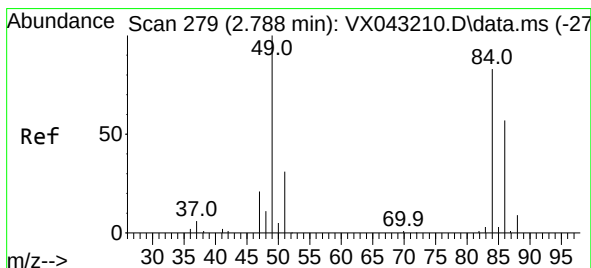
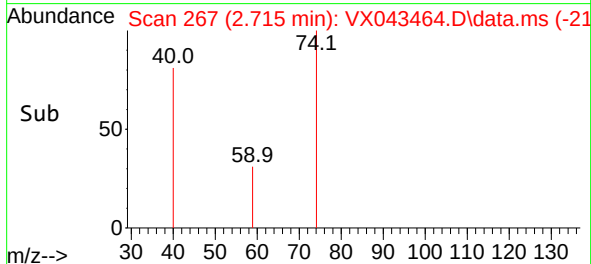
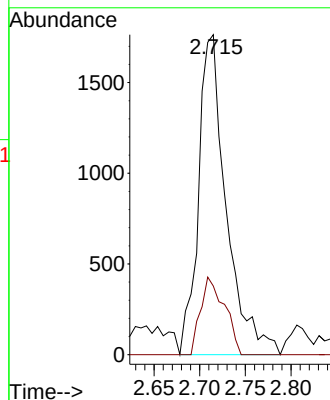
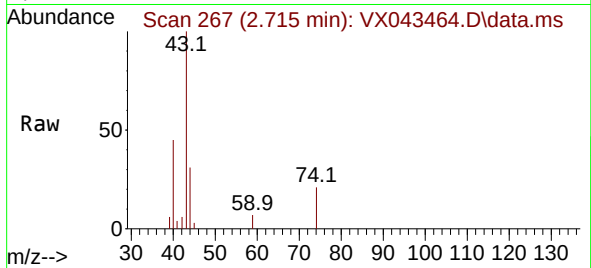




#18
Methyl Acetate
Concen: 2.341 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

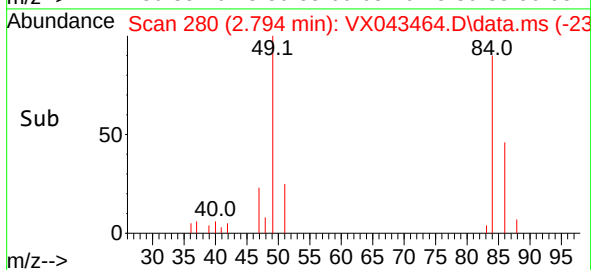
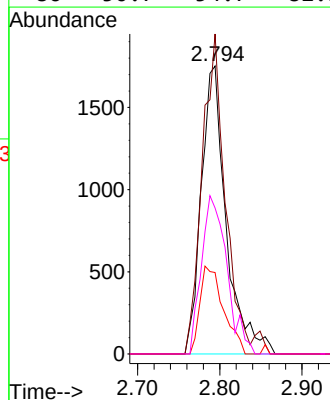
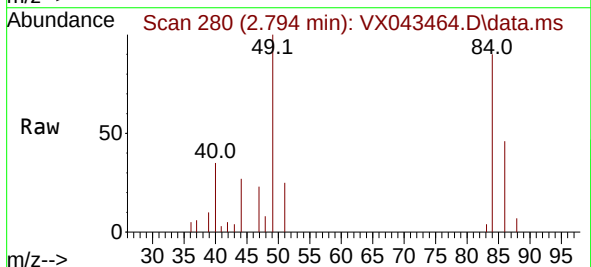
Instrument :
MSVOA_X
ClientSampleId :

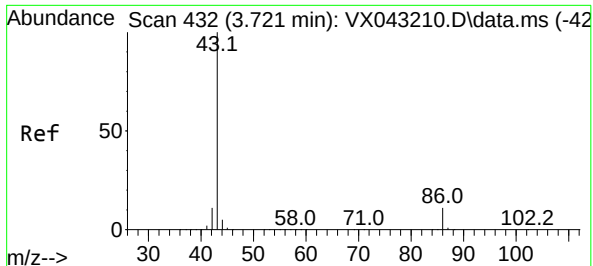
Tgt Ion: 43 Resp: 3728
Ion Ratio Lower Upper
43 100
74 20.9 19.1 28.7



#20
Methylene Chloride
Concen: 3.161 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Tgt Ion: 84 Resp: 3700
Ion Ratio Lower Upper
84 100
49 111.1 96.7 145.1
51 28.3 30.4 45.6#
86 50.7 54.7 82.1#

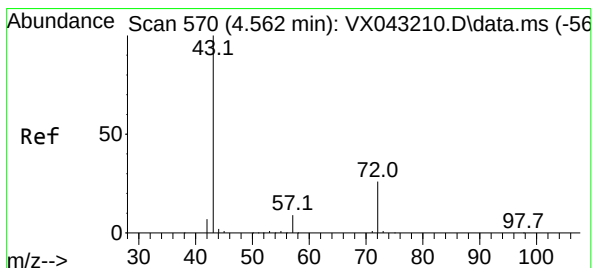
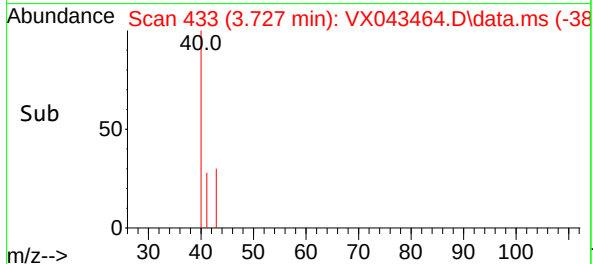
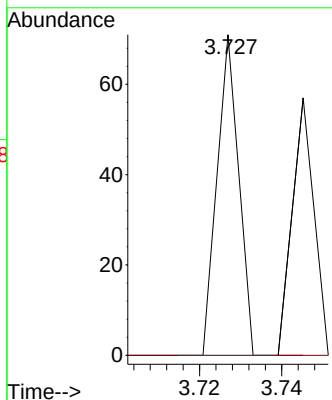
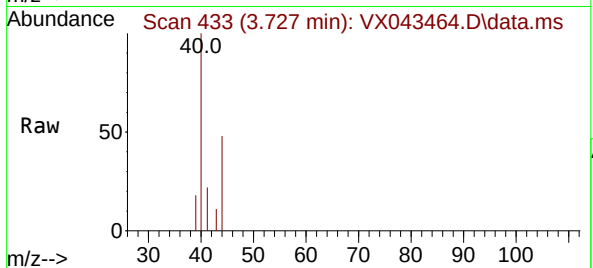




#23
Vinyl Acetate
Concen: 6.346 ug/l
RT: 3.727 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

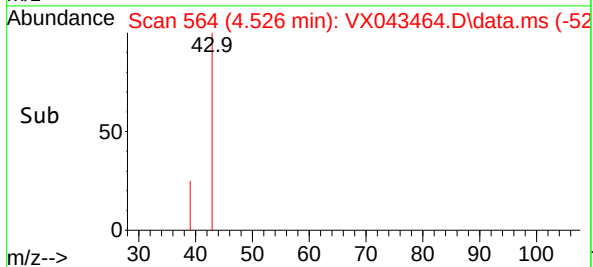
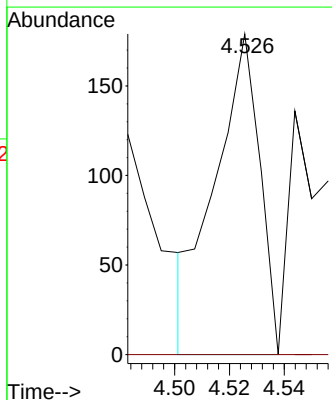
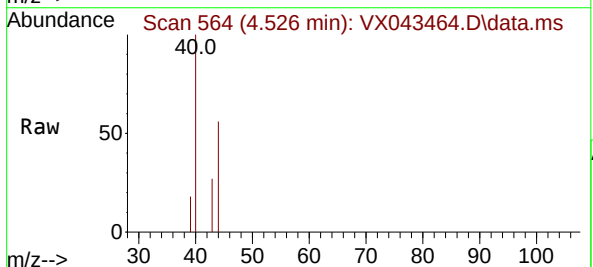
Instrument :
MSVOA_X
ClientSampleId :

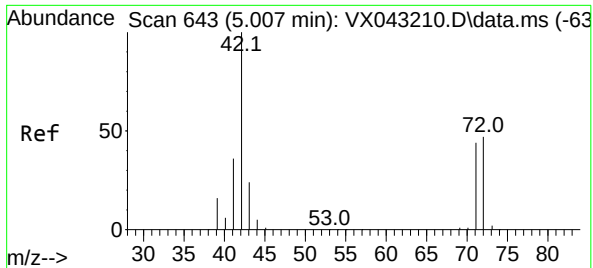
Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
86 0.0 8.8 13.2#



#25
2-Butanone
Concen: 0.232 ug/l
RT: 4.526 min Scan# 564
Delta R.T. -0.036 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#





#29

Tetrahydrofuran

Concen: 1.661 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

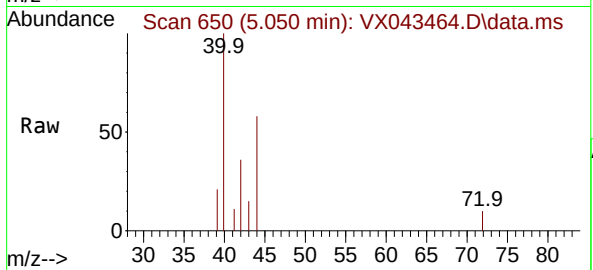
Lab File: VX043464.D

Acq: 21 Oct 2024 18:54

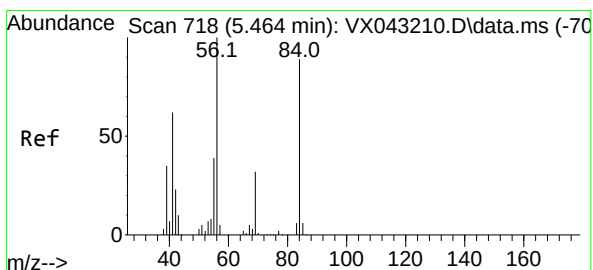
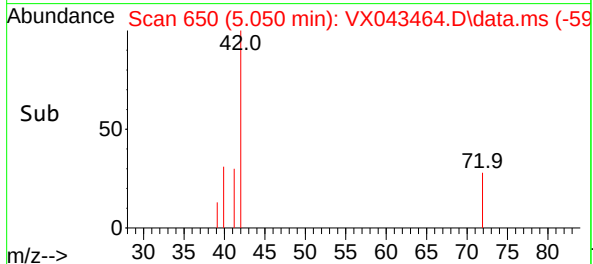
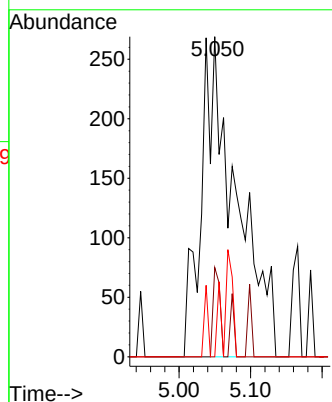
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	921
Ion	Ratio	Lower	Upper
42	100		
72	5.4	37.7	56.5#
71	2.4	34.6	52.0#



#31

Cyclohexane

Concen: 1.440 ug/l

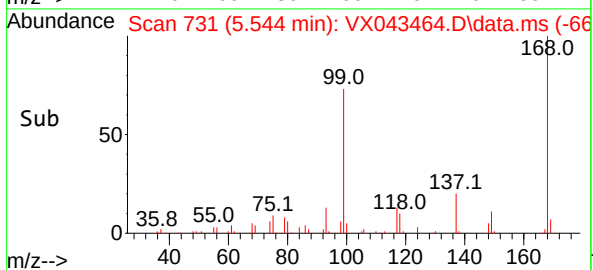
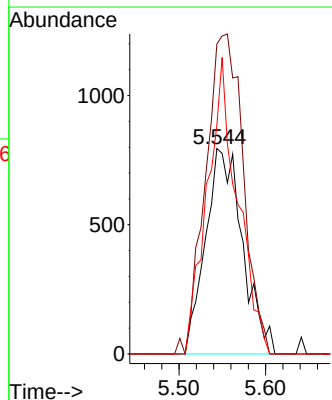
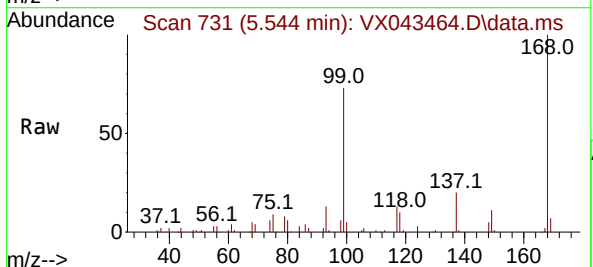
RT: 5.544 min Scan# 731

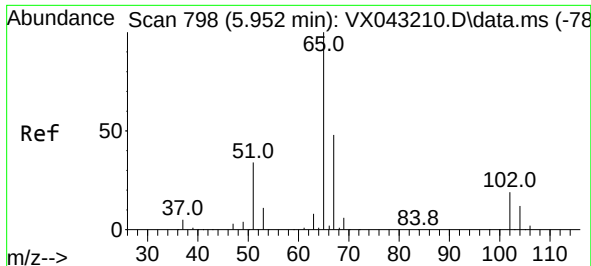
Delta R.T. 0.079 min

Lab File: VX043464.D

Acq: 21 Oct 2024 18:54

Tgt Ion:	56	Resp:	2362
Ion	Ratio	Lower	Upper
56	100		
69	150.8	25.8	38.6#
84	111.2	71.1	106.7#





#33

1,2-Dichloroethane-d4

Concen: 51.725 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043464.D

Acq: 21 Oct 2024 18:54

Instrument :

MSVOA_X

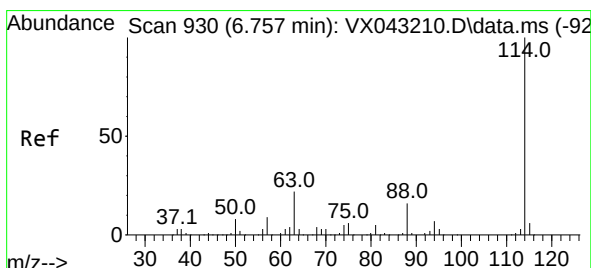
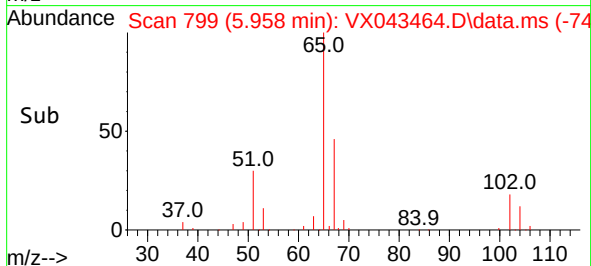
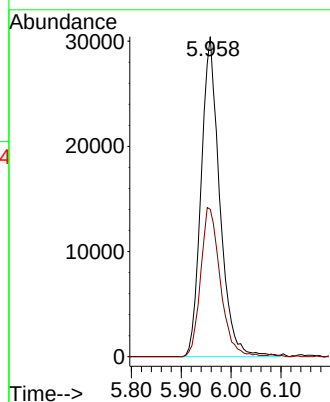
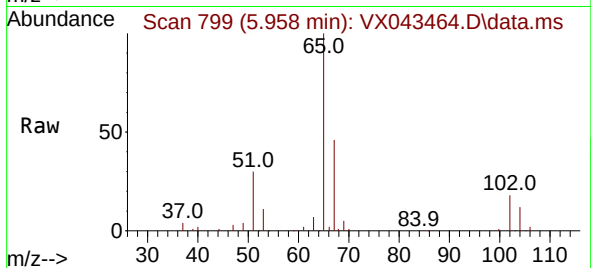
ClientSampleId :

Tgt Ion: 65 Resp: 78636

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043464.D

Acq: 21 Oct 2024 18:54

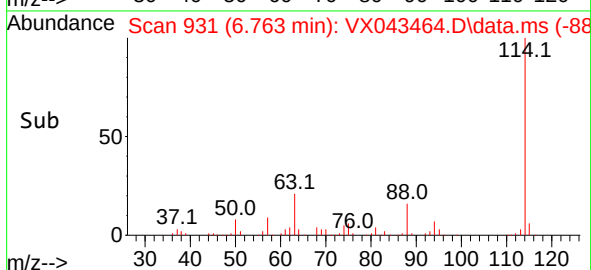
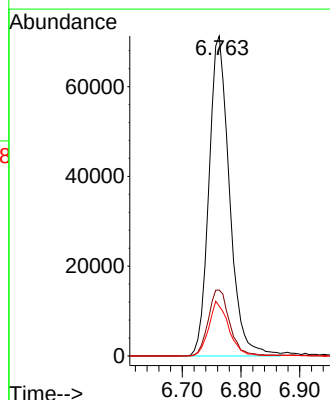
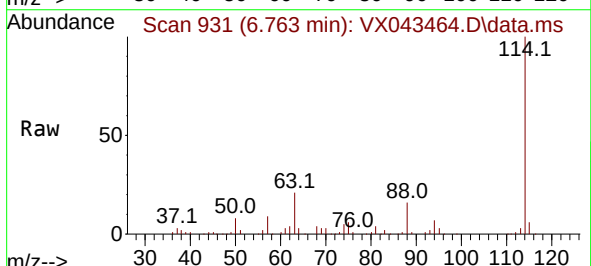
Tgt Ion: 114 Resp: 173226

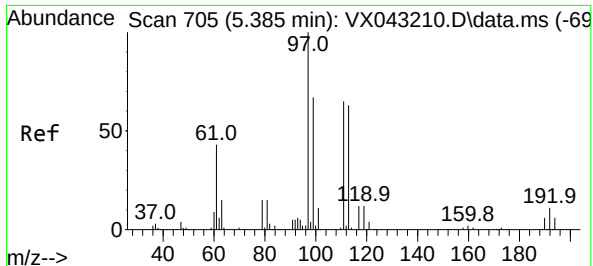
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.0

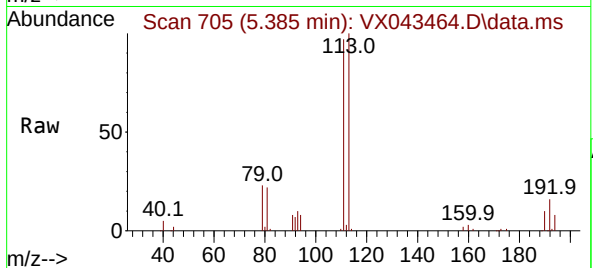
88 15.6 0.0 33.0



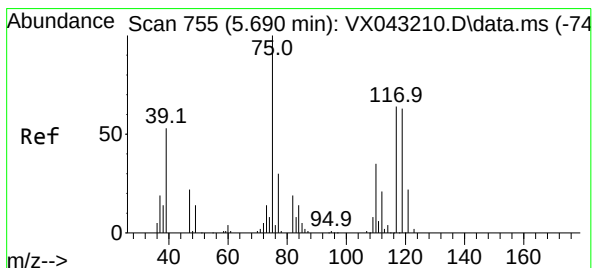
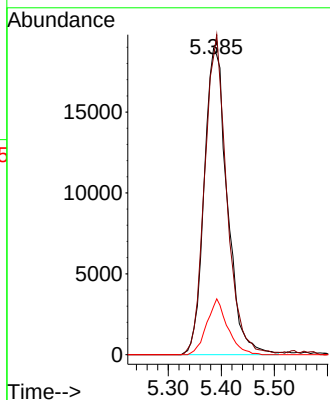
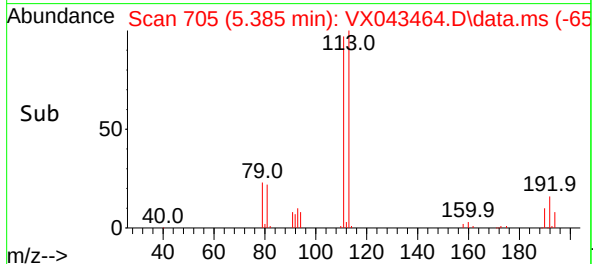


#35
Dibromofluoromethane
Concen: 48.071 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :

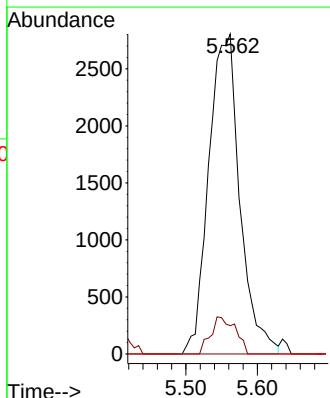
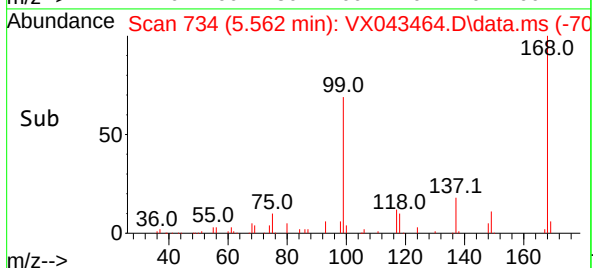
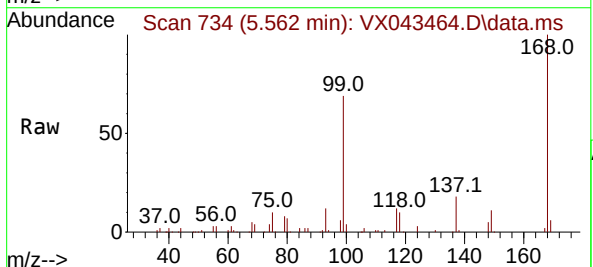


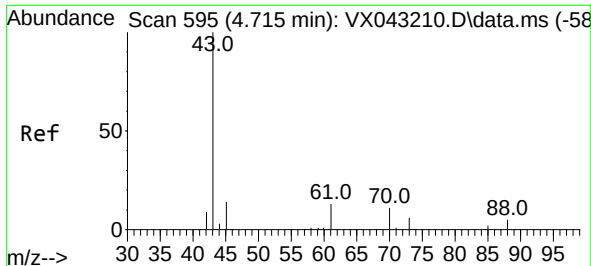
Tgt Ion:113 Resp: 57427
Ion Ratio Lower Upper
113 100
111 100.0 83.4 125.0
192 16.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.612 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Tgt Ion: 75 Resp: 8470
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.3#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.818 ug/l

RT: 4.763 min Scan# 60

Delta R.T. 0.049 min

Lab File: VX043464.D

Acq: 21 Oct 2024 18:54

Instrument :

MSVOA_X

ClientSampleId :

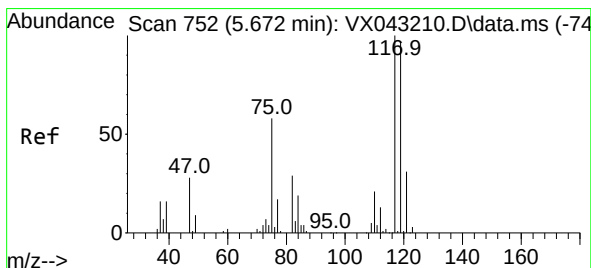
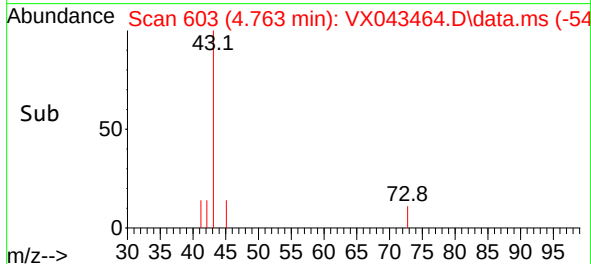
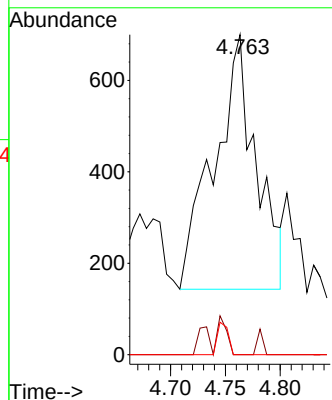
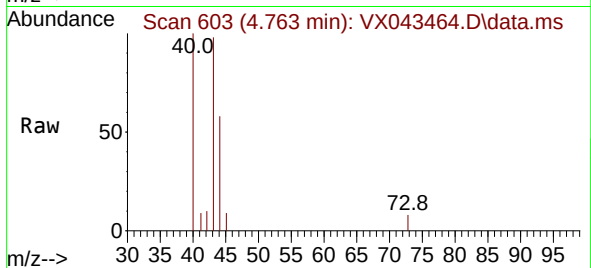
Tgt Ion: 43 Resp: 1483

Ion Ratio Lower Upper

43 100

61 3.4 11.0 16.4#

70 3.2 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 5.968 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX043464.D

Acq: 21 Oct 2024 18:54

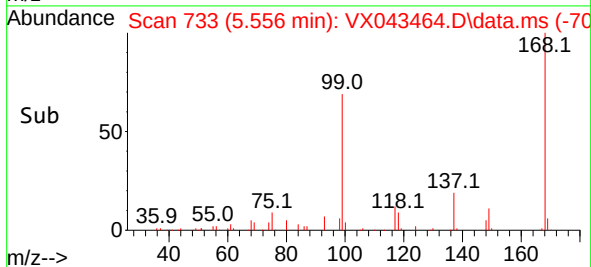
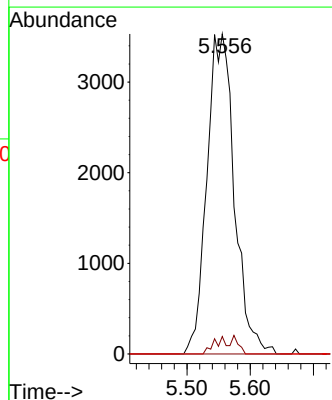
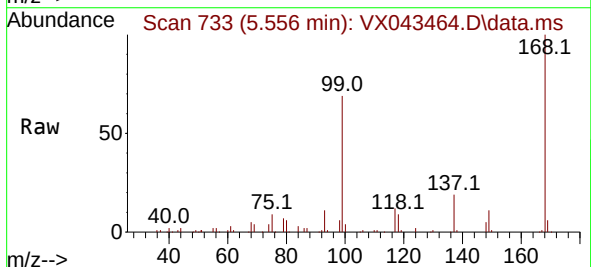
Tgt Ion: 117 Resp: 10663

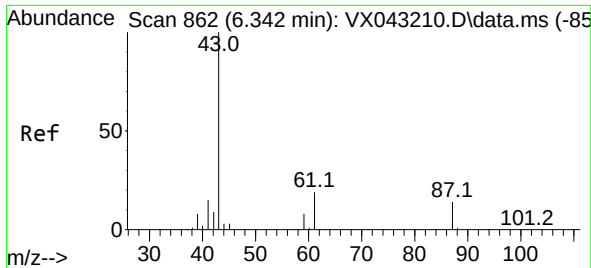
Ion Ratio Lower Upper

117 100

119 5.5 77.7 116.5#

121 0.0 24.3 36.5#

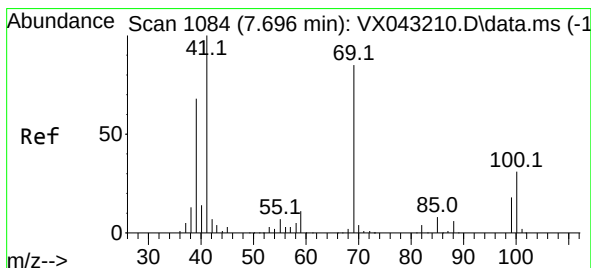
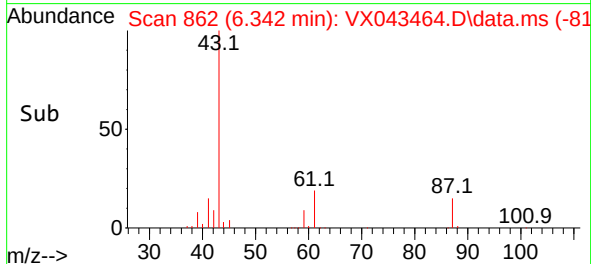
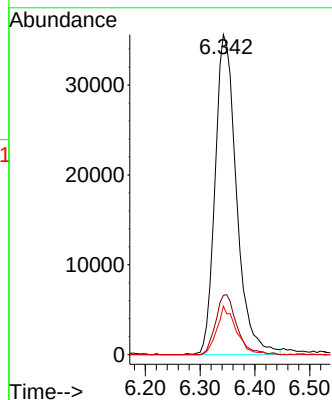
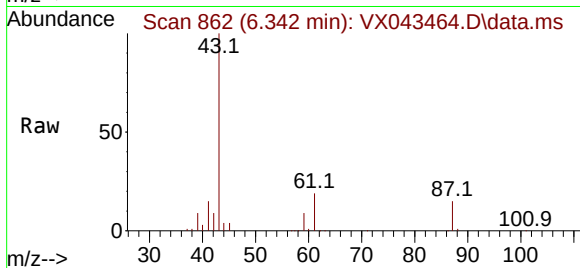




#43
Isopropyl Acetate
Concen: 32.266 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

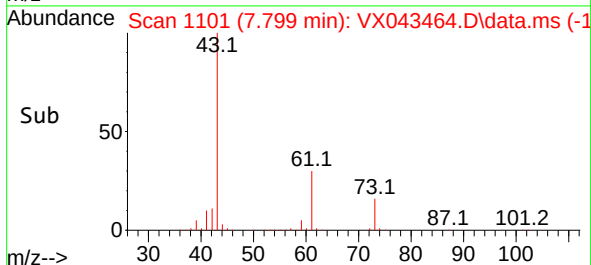
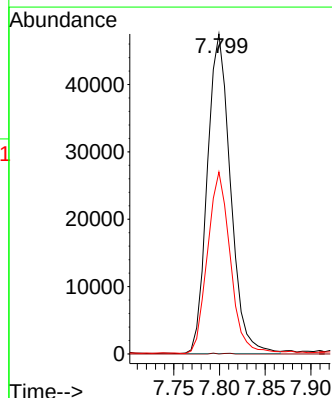
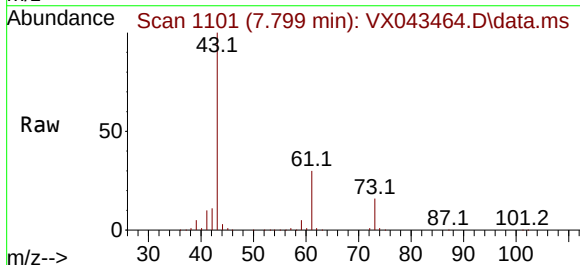
Instrument :
MSVOA_X
ClientSampleId :

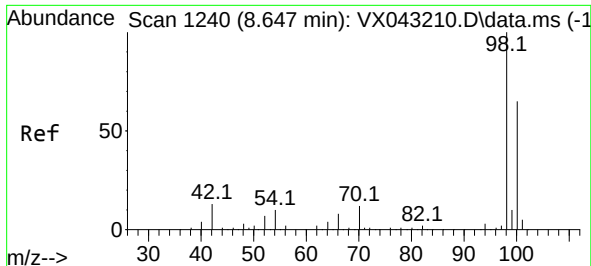
Tgt Ion: 43 Resp: 96588
Ion Ratio Lower Upper
43 100
61 18.5 15.1 22.7
87 13.8 10.8 16.2



#48
Methyl methacrylate
Concen: 56.927 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Tgt Ion: 41 Resp: 83615
Ion Ratio Lower Upper
41 100
69 0.1 64.1 96.1#
39 56.0 52.8 79.2

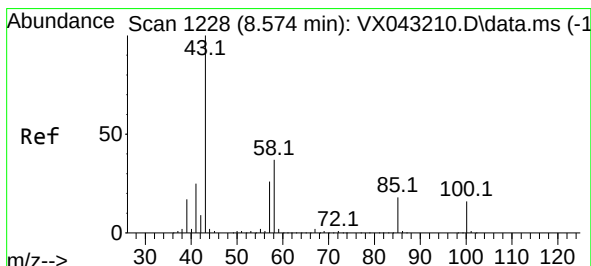
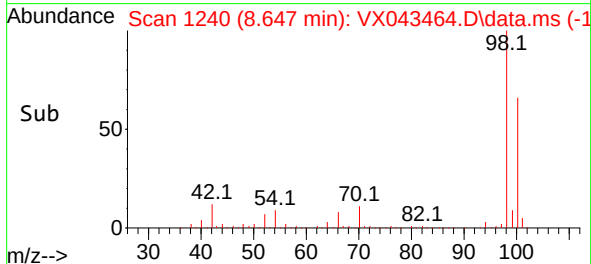
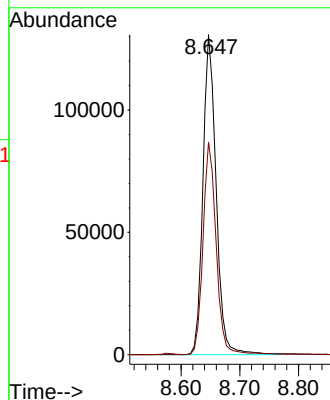
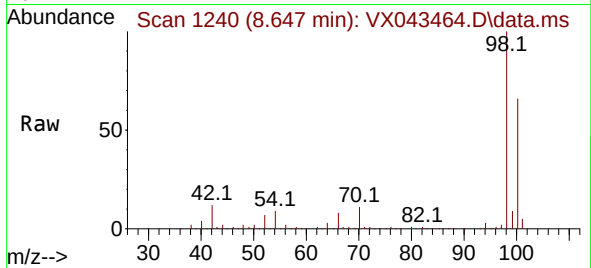




#50
Toluene-d8
Concen: 49.395 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

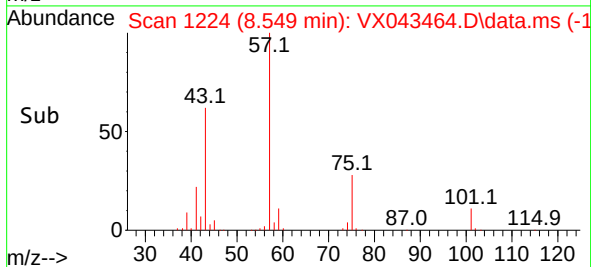
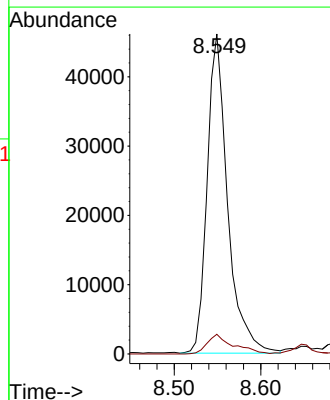
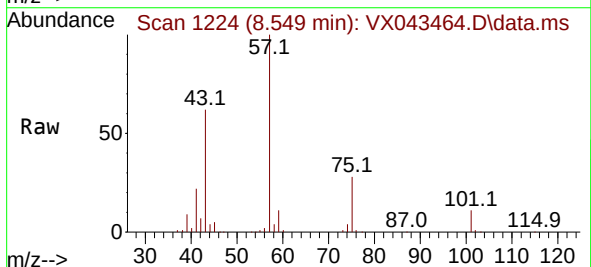
Instrument :
MSVOA_X
ClientSampleId :

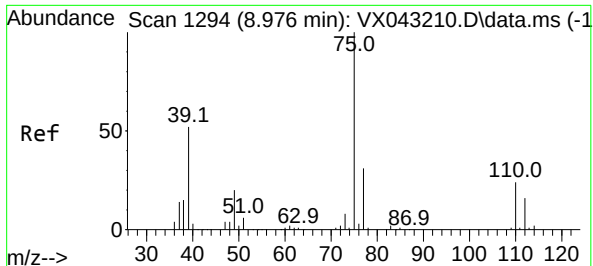
Tgt Ion: 98 Resp: 204493
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 41.452 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Tgt Ion: 43 Resp: 75365
Ion Ratio Lower Upper
43 100
58 7.9 30.0 45.0#





#53

t-1,3-Dichloropropene

Concen: 0.370 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX043464.D

Acq: 21 Oct 2024 18:54

Instrument :

MSVOA_X

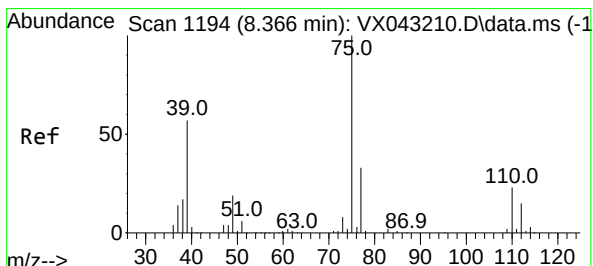
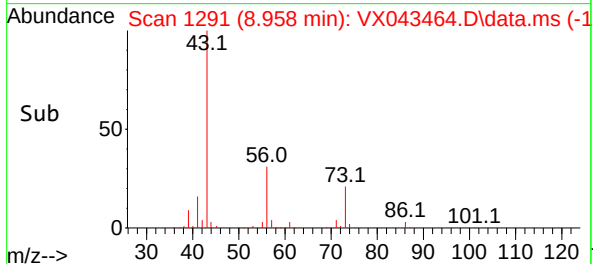
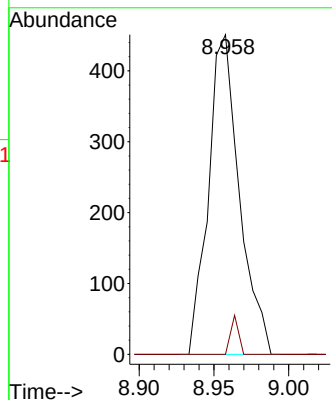
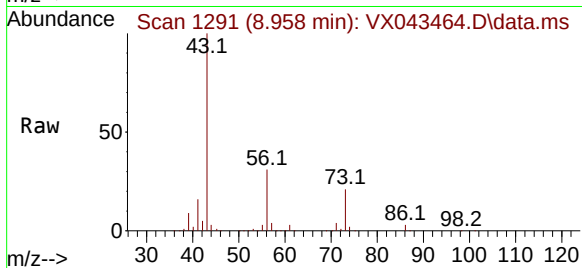
ClientSampleId :

Tgt Ion: 75 Resp: 650

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 17.170 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043464.D

Acq: 21 Oct 2024 18:54

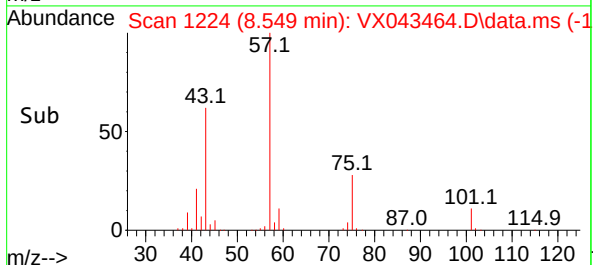
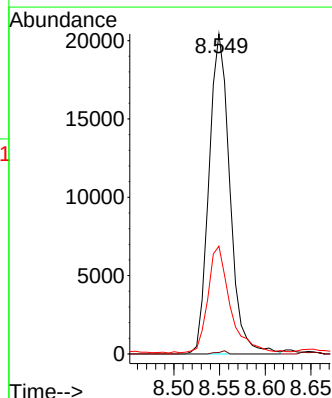
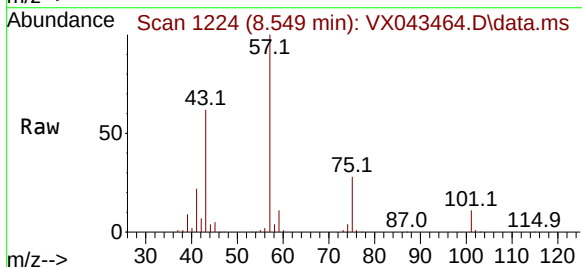
Tgt Ion: 75 Resp: 32372

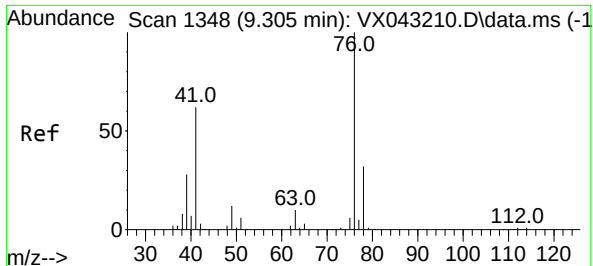
Ion Ratio Lower Upper

75 100

77 0.4 26.0 39.0#

39 33.3 45.8 68.8#

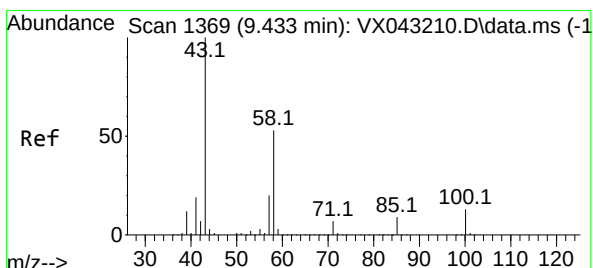
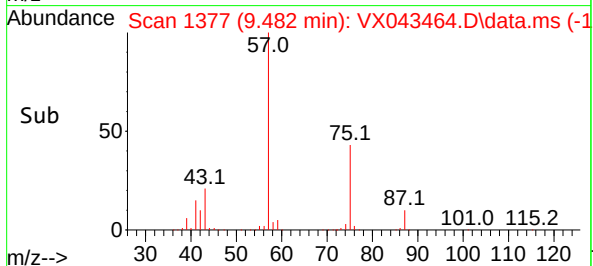
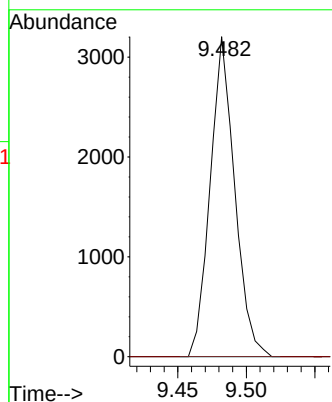
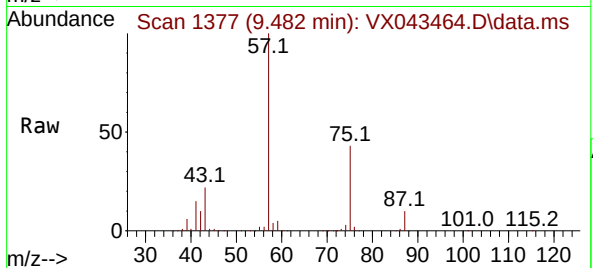




#57
1,3-Dichloropropane
Concen: 2.054 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

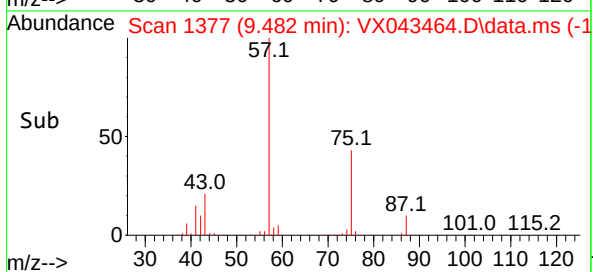
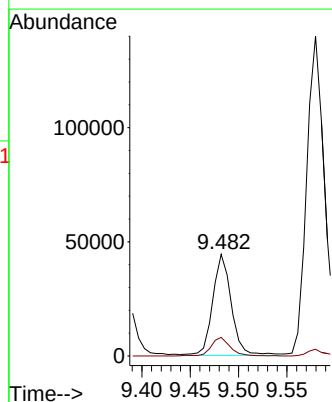
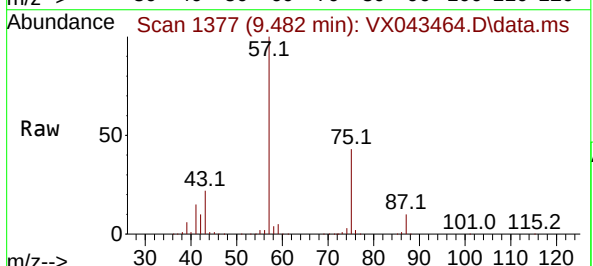
Instrument :
MSVOA_X
ClientSampleId :

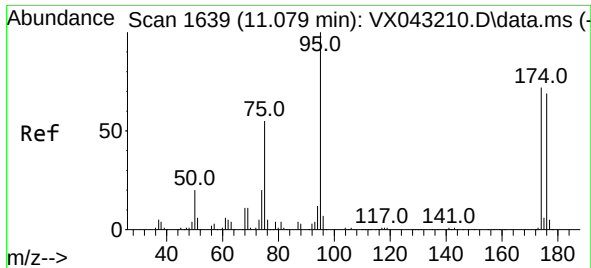
Tgt Ion: 76 Resp: 3988
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 43.254 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Tgt Ion: 43 Resp: 59470
Ion Ratio Lower Upper
43 100
58 18.8 26.1 78.3#

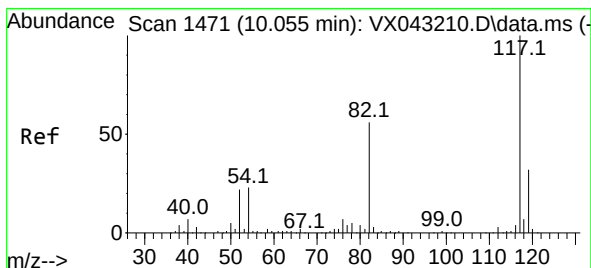
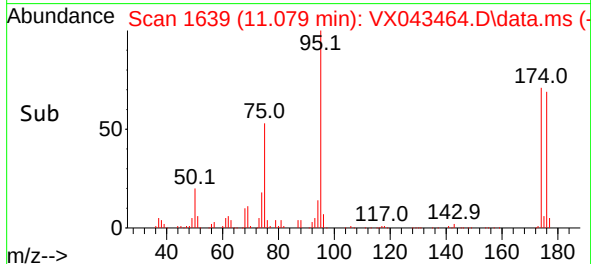
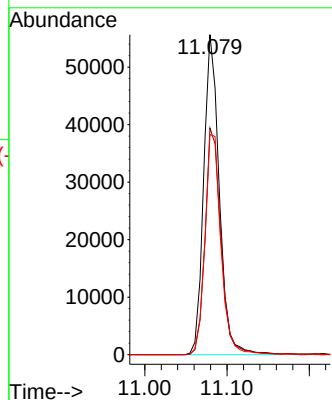
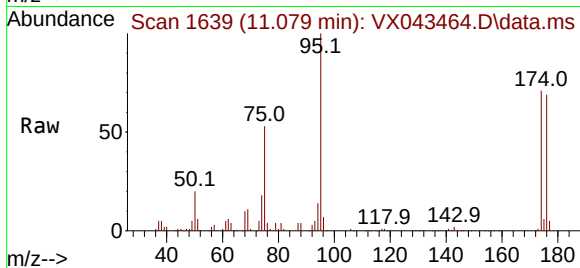




#62
4-Bromofluorobenzene
Concen: 48.707 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

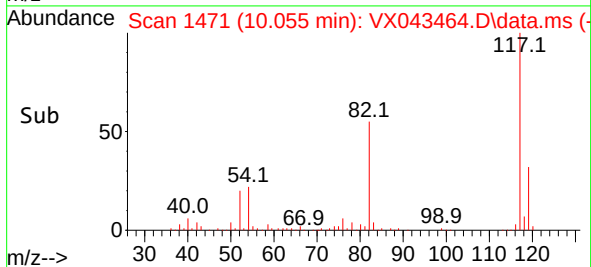
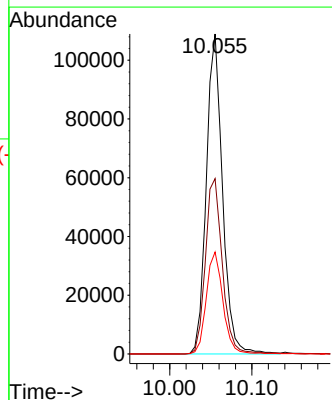
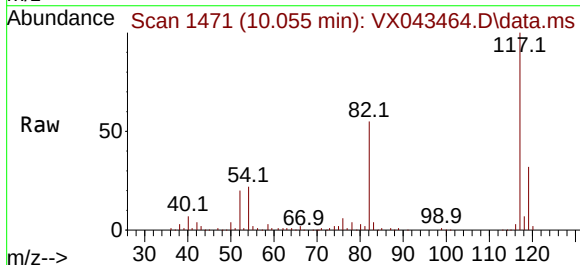
Instrument :
MSVOA_X
ClientSampleId :

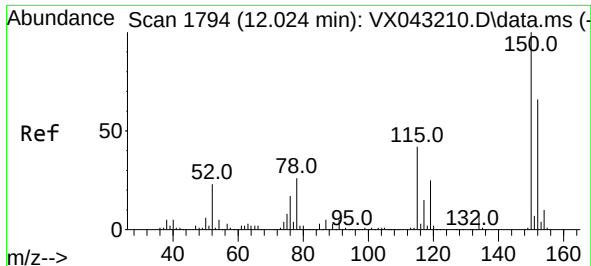
Tgt Ion: 95 Resp: 73257
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.0
176 70.9 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

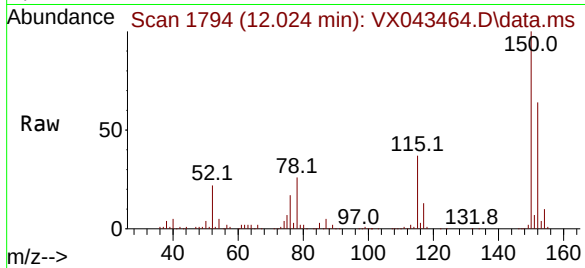
Tgt Ion: 117 Resp: 149117
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.6
119 31.8 25.3 37.9



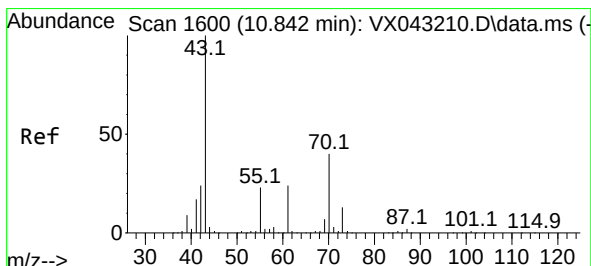
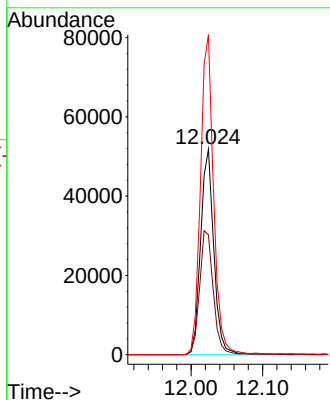
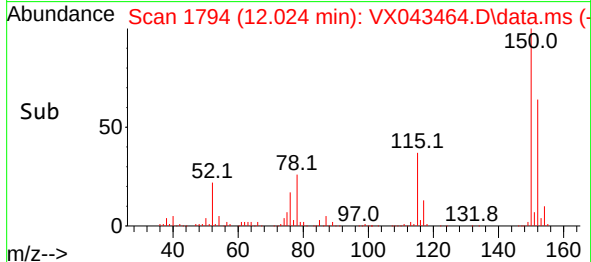


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX043464.D
 Acq: 21 Oct 2024 18:54

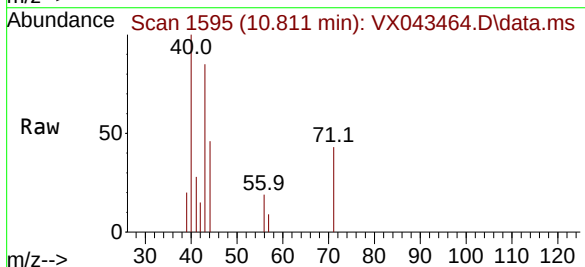
Instrument :
 MSVOA_X
 ClientSampleId :



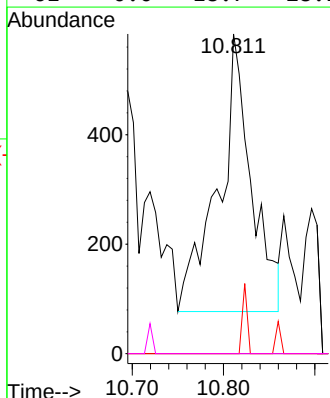
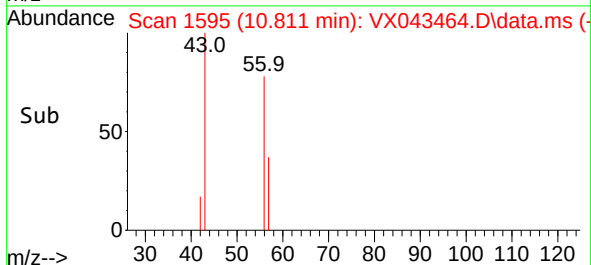
Tgt Ion:152 Resp: 66719
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.1 132.3
 150 154.1 0.0 347.4

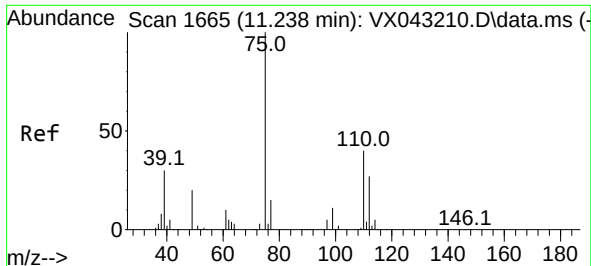


#74
 N-ethyl acetate
 Concen: 0.519 ug/l
 RT: 10.811 min Scan# 1595
 Delta R.T. -0.031 min
 Lab File: VX043464.D
 Acq: 21 Oct 2024 18:54



Tgt Ion: 43 Resp: 1279
 Ion Ratio Lower Upper
 43 100
 70 0.0 33.1 49.7#
 55 3.7 18.6 27.8#
 61 0.0 18.7 28.1#

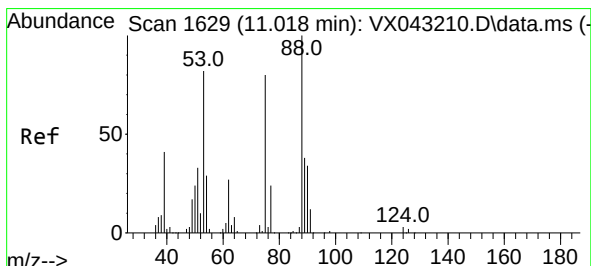
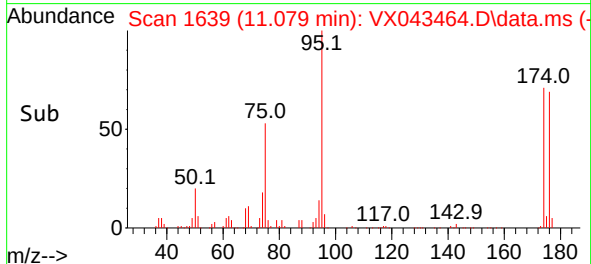
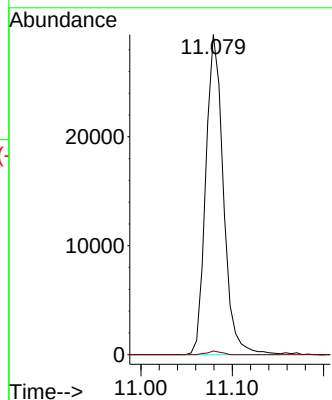
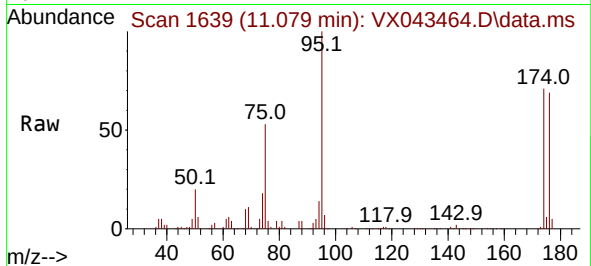




#76
1,2,3-Trichloropropane
Concen: 26.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 39227
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.696 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043464.D
Acq: 21 Oct 2024 18:54

Tgt Ion: 75 Resp: 39227
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

