

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043312.D
 Acq On : 08 Oct 2024 09:42
 Operator : JC/MD
 Sample : VX1008MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 01:31:56 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)

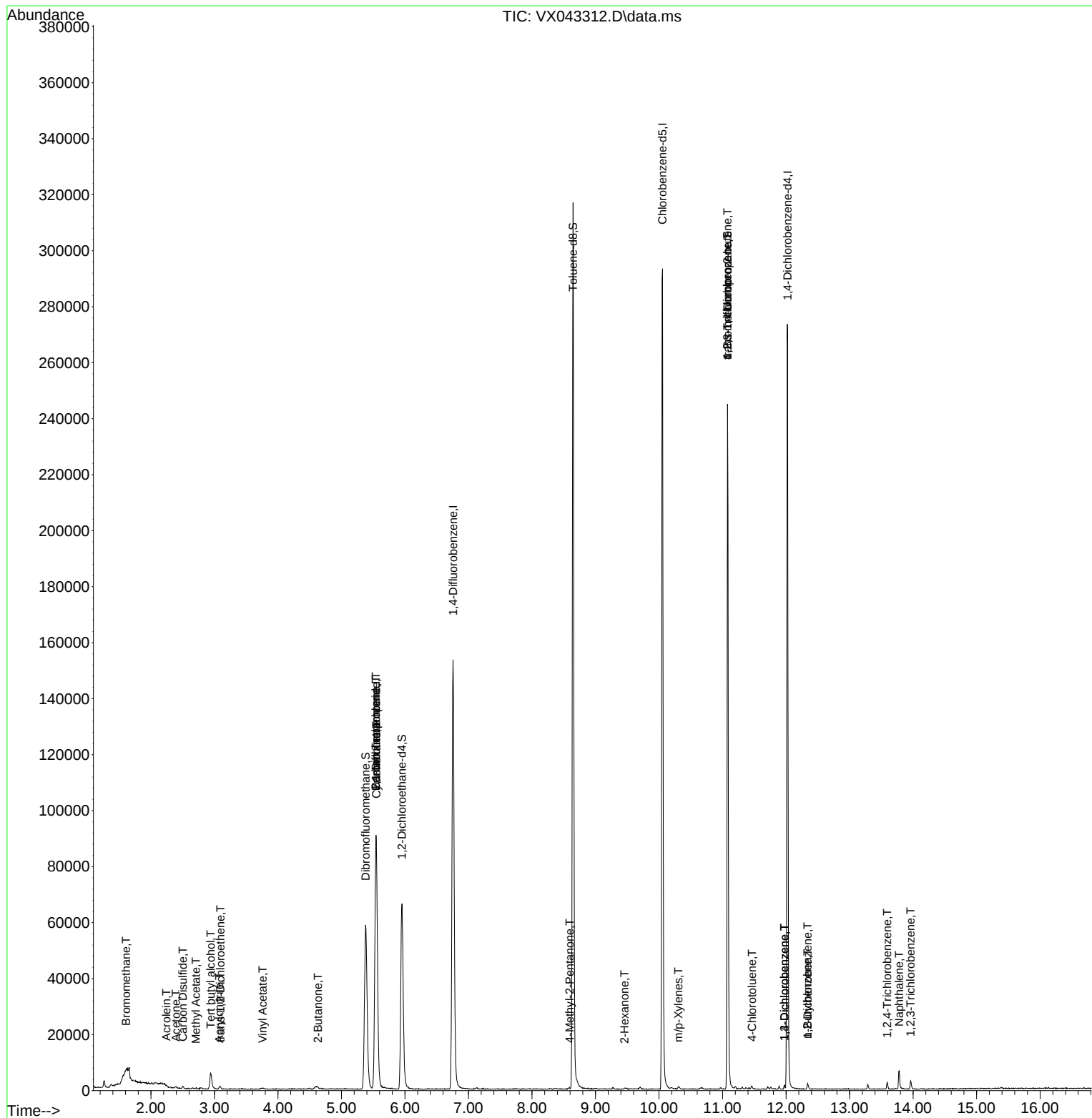
Internal Standards						
1) Pentafluorobenzene	5.543	168	83614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68311	50.025	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.040%	
35) Dibromofluoromethane	5.379	113	51771	48.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.440%	
50) Toluene-d8	8.647	98	182801	49.640	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.280%	
62) 4-Bromofluorobenzene	11.079	95	64363	48.110	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	265	0.646	ug/l #	42
11) Tert butyl alcohol	2.940	59	3594	13.831	ug/l #	73
13) Acrolein	2.239	56	314	1.279	ug/l #	56
15) Acrylonitrile	3.074	53	367	0.692	ug/l	90
16) Acetone	2.392	43	1022	1.792	ug/l #	84
17) Carbon Disulfide	2.501	76	1101	0.487	ug/l	98
18) Methyl Acetate	2.709	43	387	0.271	ug/l #	62
21) trans-1,2-Dichloroethene	3.093	96	239	0.259	ug/l #	57
23) Vinyl Acetate	3.757	43	978	6.624	ug/l #	71
25) 2-Butanone	4.629	43	239	0.306	ug/l #	49
31) Cyclohexane	5.550	56	2197	1.491	ug/l #	8
36) 1,1-Dichloropropene	5.543	75	7098	5.287	ug/l #	50
38) Carbon Tetrachloride	5.543	117	9198	5.788	ug/l #	15
51) 4-Methyl-2-Pentanone	8.592	43	420	0.260	ug/l #	87
59) 2-Hexanone	9.457	43	455	0.372	ug/l	71
68) m/p-Xylenes	10.305	106	407	0.219	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	35448	28.380	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35448	73.552	ug/l #	8
82) 4-Chlorotoluene	11.463	91	764	0.217	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	504	0.269	ug/l	84
88) 1,4-Dichlorobenzene	11.975	146	504	0.260	ug/l	85
89) n-Butylbenzene	12.341	91	841	0.273	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	437	0.228	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	773	0.699	ug/l	97
95) Naphthalene	13.780	128	5470	1.345	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	916	0.802	ug/l	99

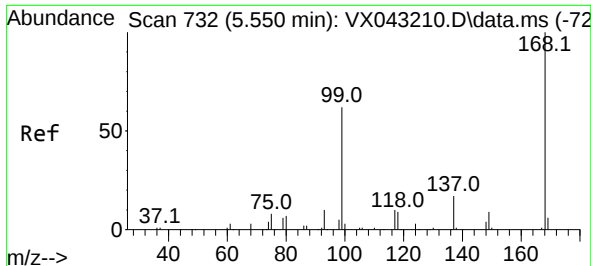
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
Data File : VX043312.D
Acq On : 08 Oct 2024 09:42
Operator : JC/MD
Sample : VX1008MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 09 01:31:56 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



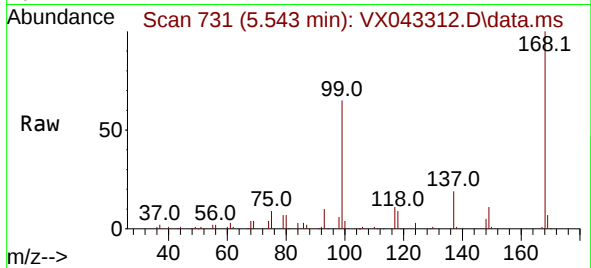


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

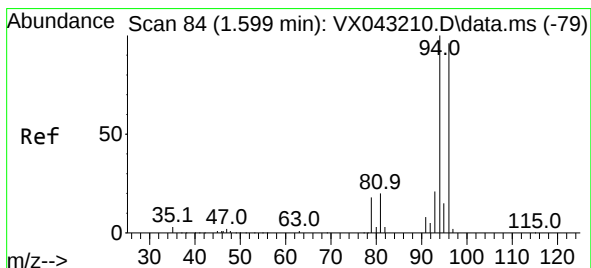
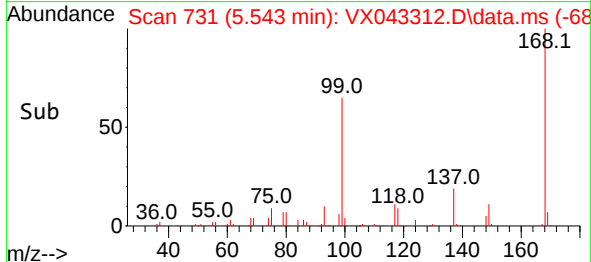
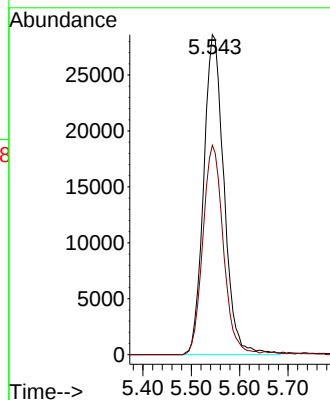
Instrument :

MSVOA_X

ClientSampleId :

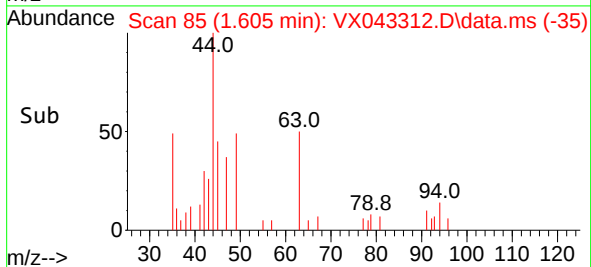
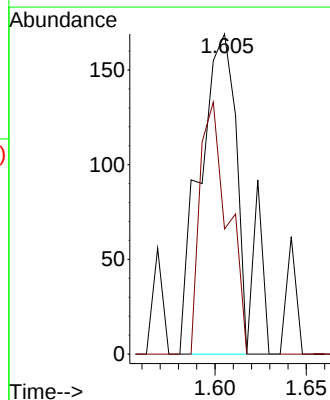
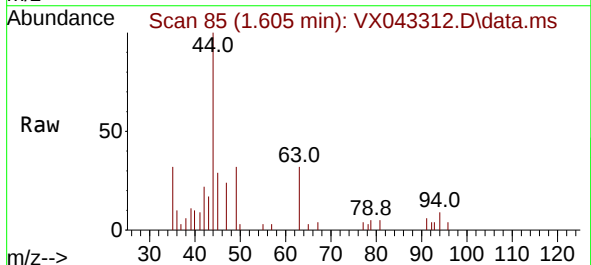


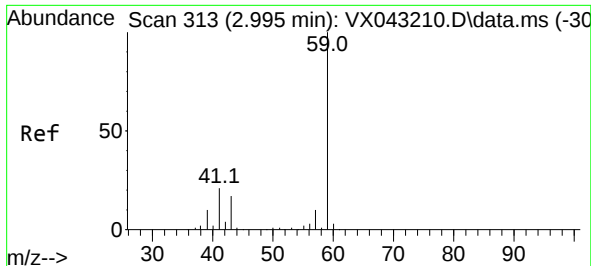
Tgt Ion:168 Resp: 83614
Ion Ratio Lower Upper
168 100
99 65.5 49.7 74.5



#5
Bromomethane
Concen: 0.646 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 39.1 76.6 115.0#





#11

Tert butyl alcohol

Concen: 13.831 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

Instrument :

MSVOA_X

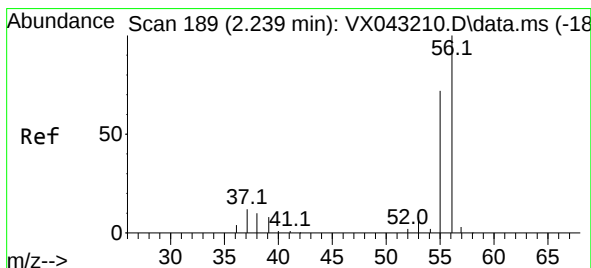
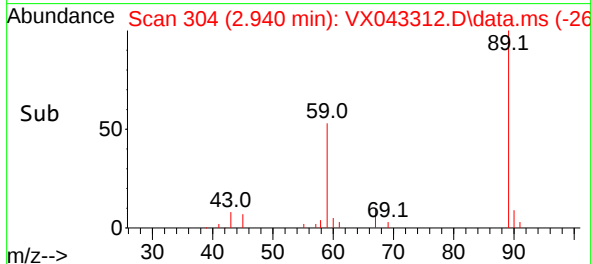
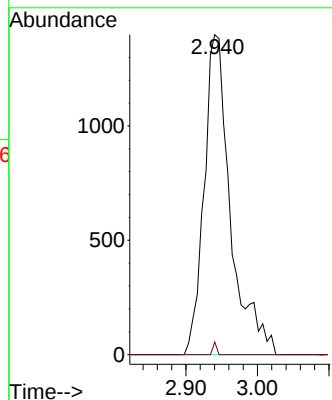
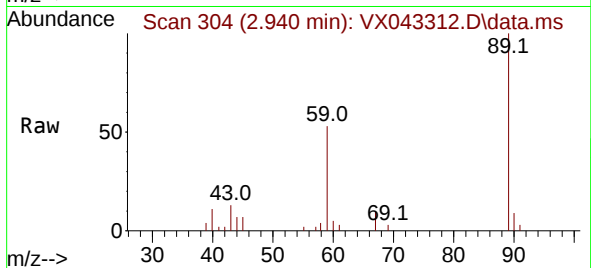
ClientSampleId :

Tgt Ion: 59 Resp: 3594

Ion Ratio Lower Upper

59 100

57 0.6 8.6 13.0#



#13

Acrolein

Concen: 1.279 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX043312.D

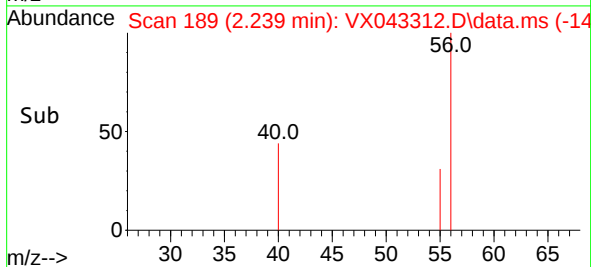
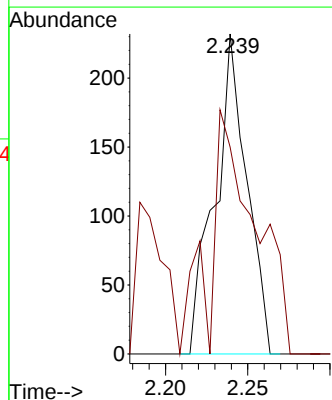
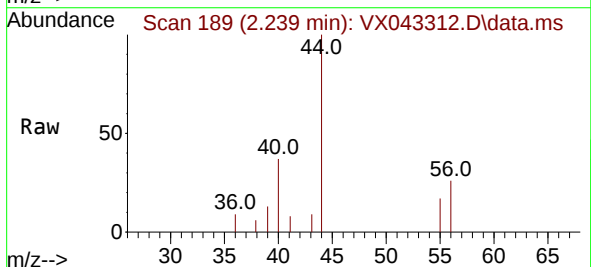
Acq: 08 Oct 2024 09:42

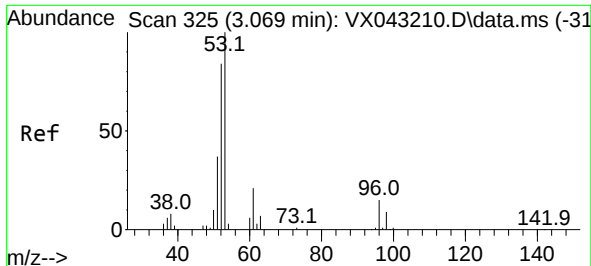
Tgt Ion: 56 Resp: 314

Ion Ratio Lower Upper

56 100

55 108.0 57.4 86.0#





#15

Acrylonitrile

Concen: 0.692 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.006 min

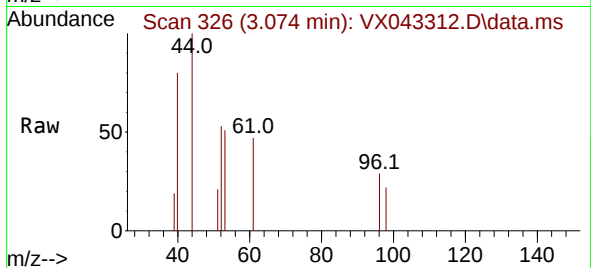
Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :



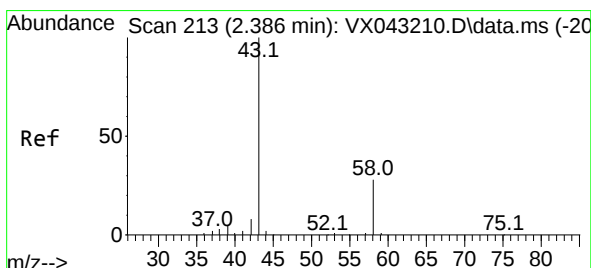
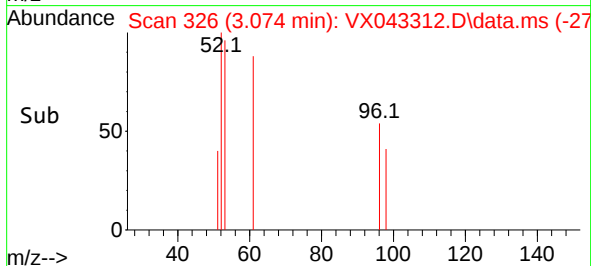
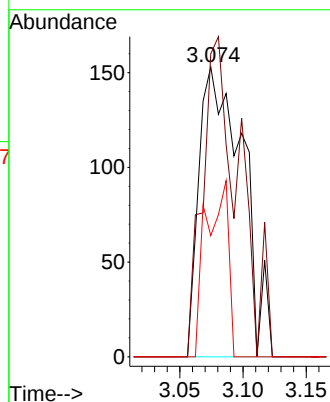
Tgt Ion: 53 Resp: 367

Ion Ratio Lower Upper

53 100

52 93.5 67.6 101.4

51 31.1 30.3 45.5



#16

Acetone

Concen: 1.792 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX043312.D

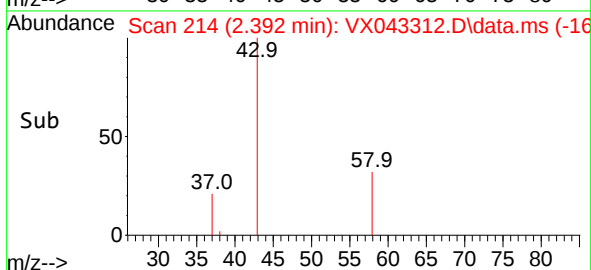
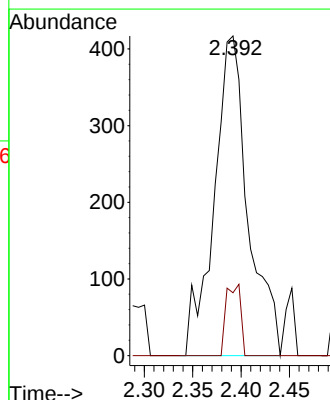
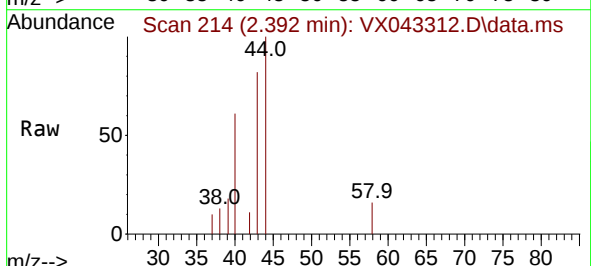
Acq: 08 Oct 2024 09:42

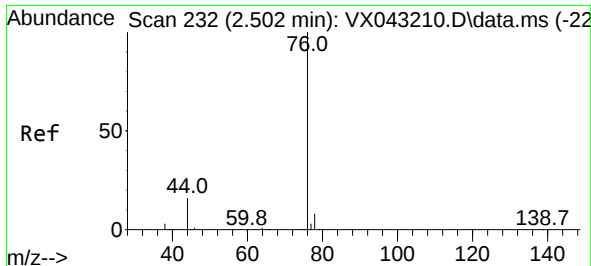
Tgt Ion: 43 Resp: 1022

Ion Ratio Lower Upper

43 100

58 19.7 22.6 33.8#

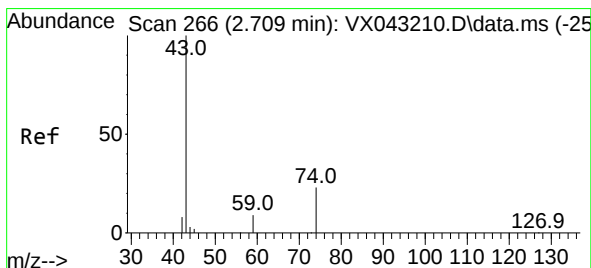
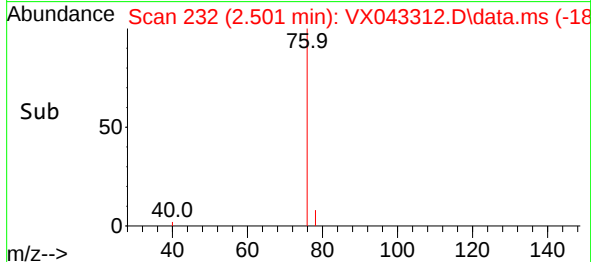
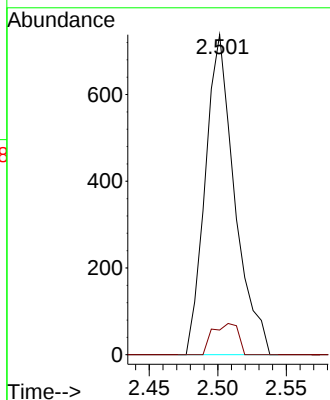
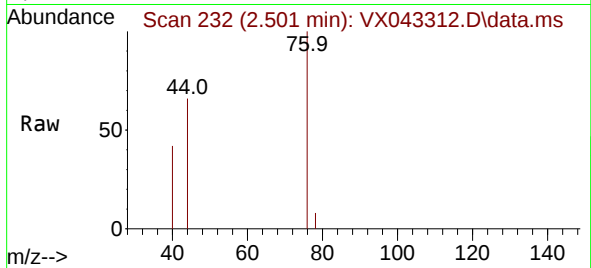




#17
Carbon Disulfide
Concen: 0.487 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

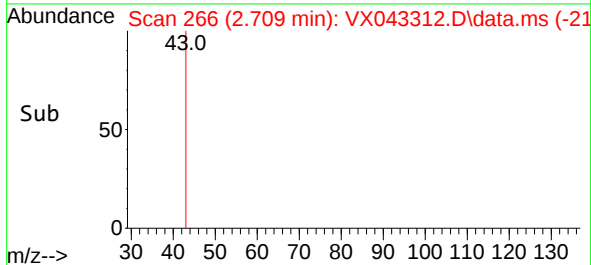
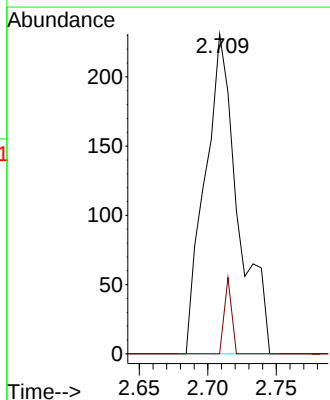
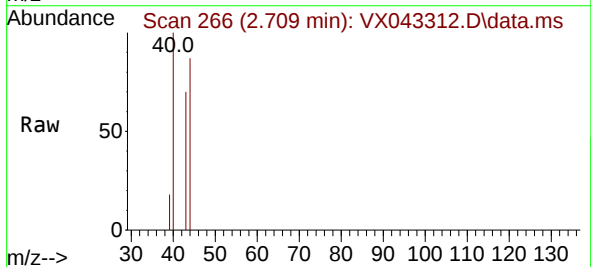
Instrument :
MSVOA_X
ClientSampleId :

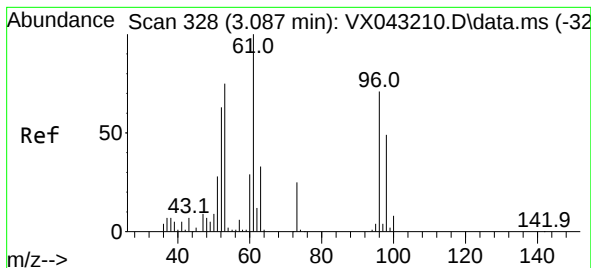
Tgt Ion: 76 Resp: 1101
Ion Ratio Lower Upper
76 100
78 7.7 6.7 10.1



#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
74 5.2 19.1 28.7#





#21

trans-1,2-Dichloroethene

Concen: 0.259 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

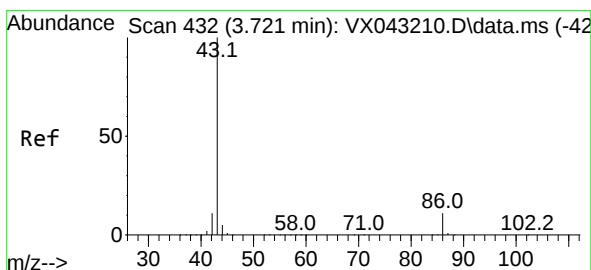
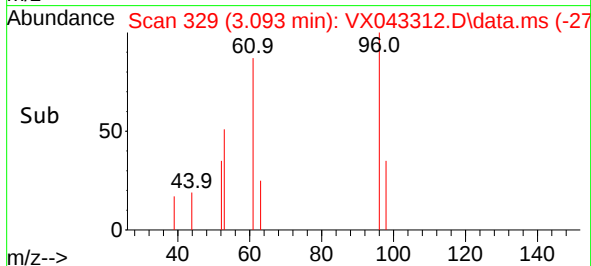
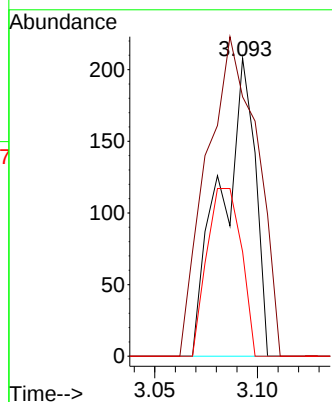
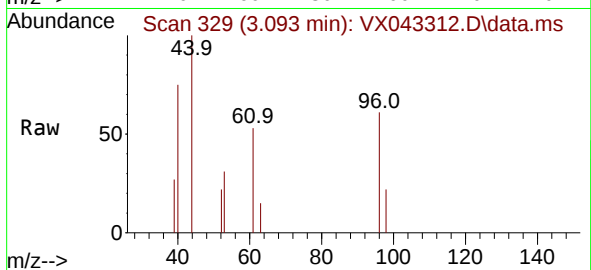
Tgt Ion: 96 Resp: 239

Ion Ratio Lower Upper

96 100

61 87.0 112.3 168.5#

98 35.1 54.6 82.0#



#23

Vinyl Acetate

Concen: 6.624 ug/l

RT: 3.757 min Scan# 438

Delta R.T. 0.036 min

Lab File: VX043312.D

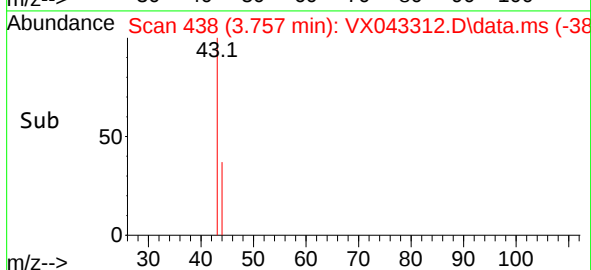
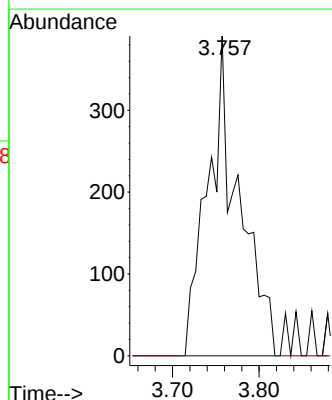
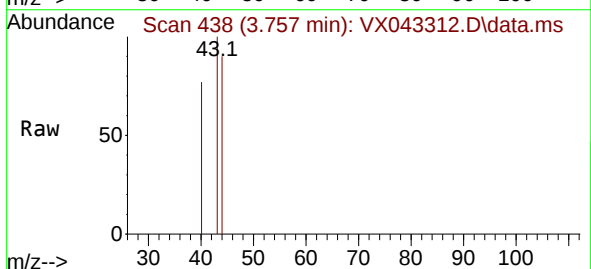
Acq: 08 Oct 2024 09:42

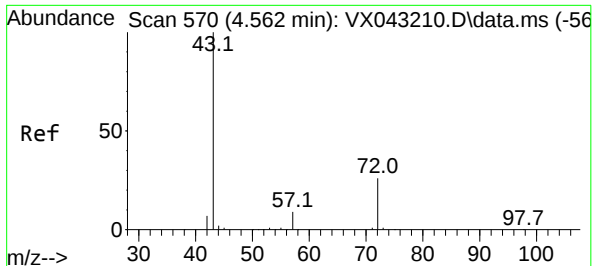
Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

86 0.0 8.8 13.2#

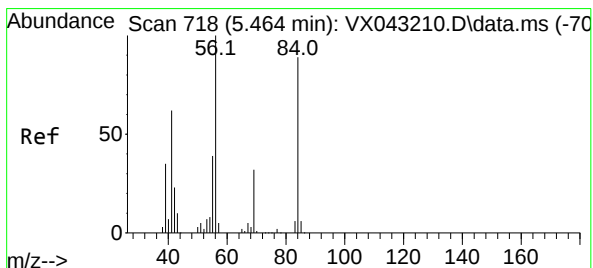
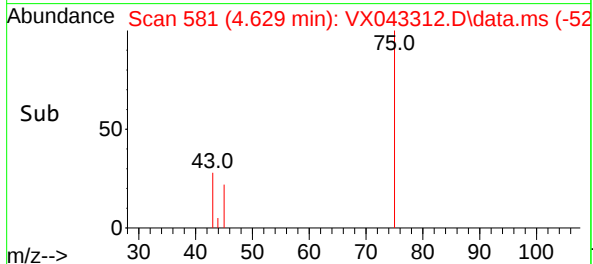
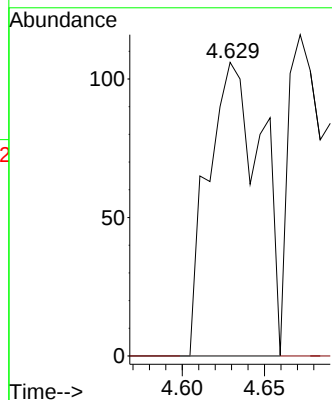
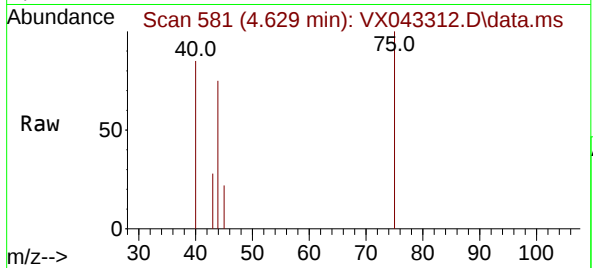




#25
2-Butanone
Concen: 0.306 ug/l
RT: 4.629 min Scan# 51
Delta R.T. 0.067 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

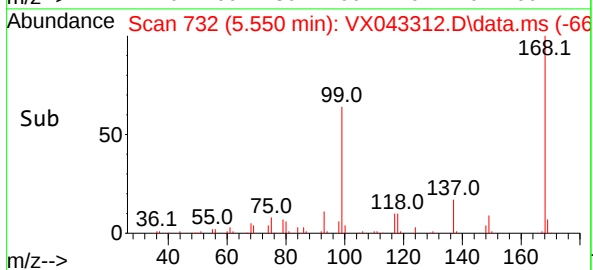
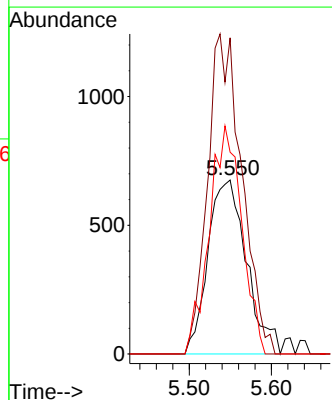
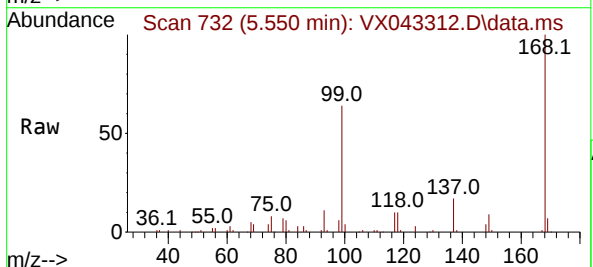
Instrument :
MSVOA_X
ClientSampleId :

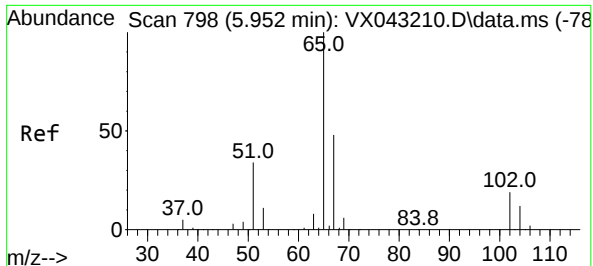
Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.491 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Tgt Ion: 56 Resp: 2197
Ion Ratio Lower Upper
56 100
69 181.7 25.8 38.6#
84 116.0 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 50.025 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

Instrument :

MSVOA_X

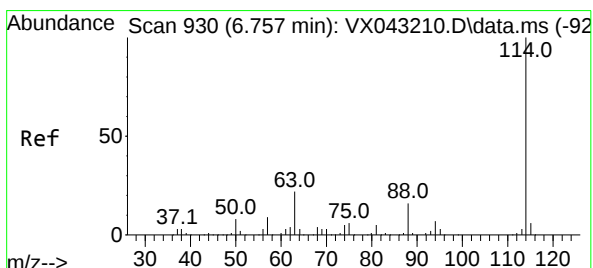
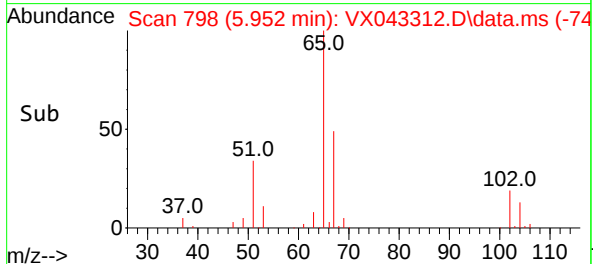
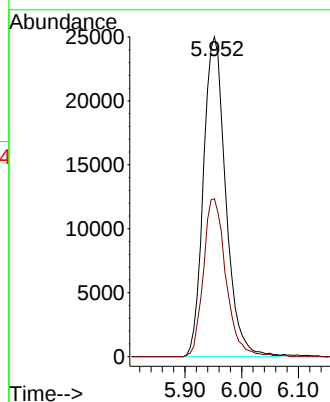
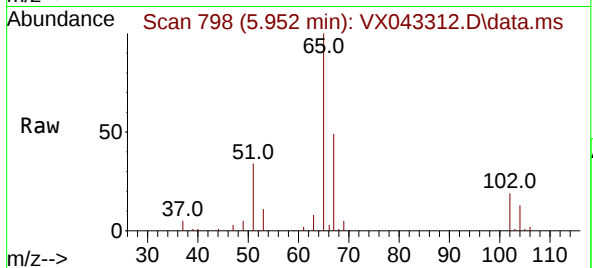
ClientSampleId :

Tgt Ion: 65 Resp: 68311

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

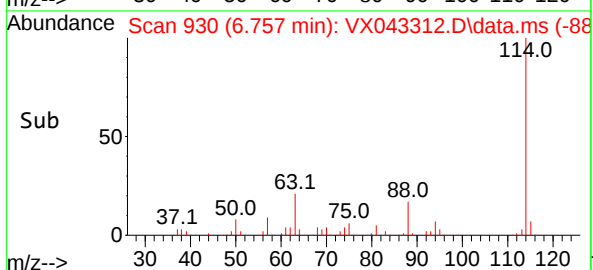
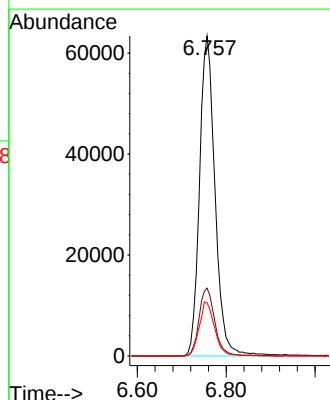
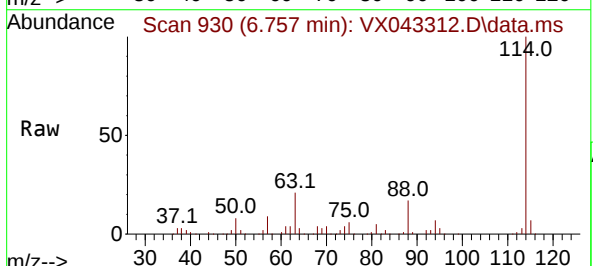
Tgt Ion: 114 Resp: 154085

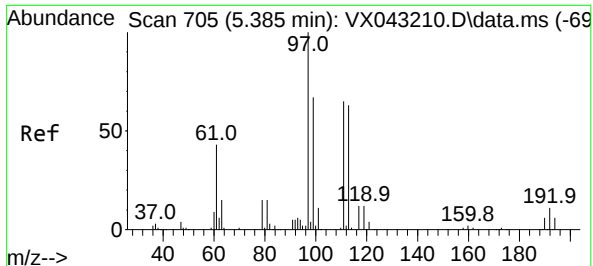
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.720 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

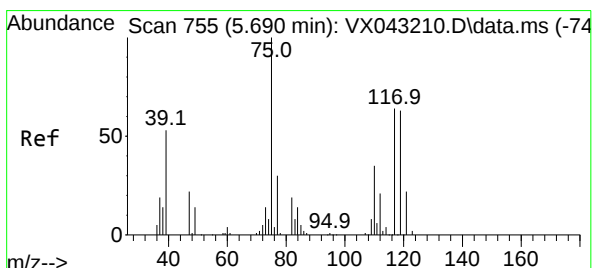
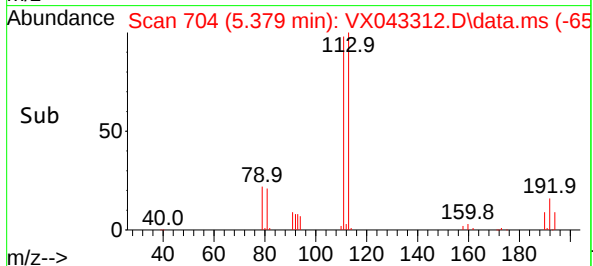
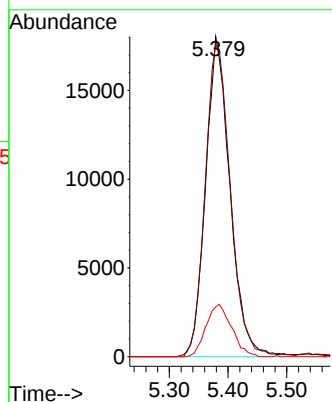
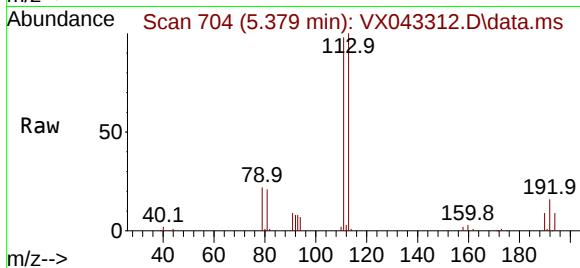
Tgt Ion:113 Resp: 51771

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.0

192 17.2 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.287 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.147 min

Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

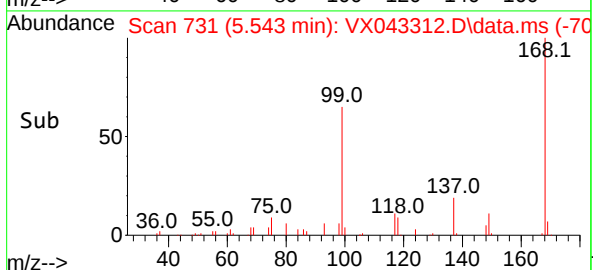
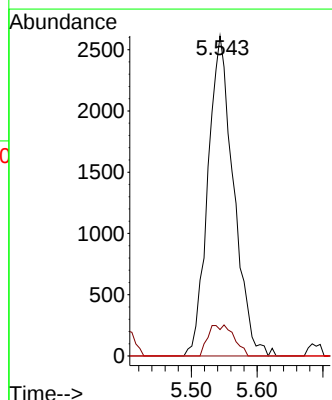
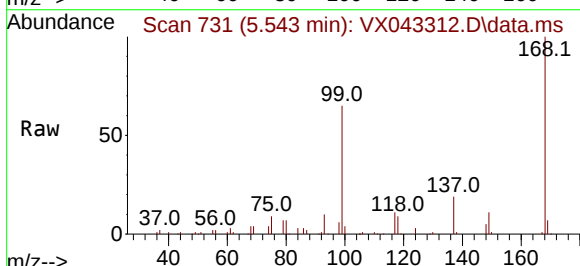
Tgt Ion: 75 Resp: 7098

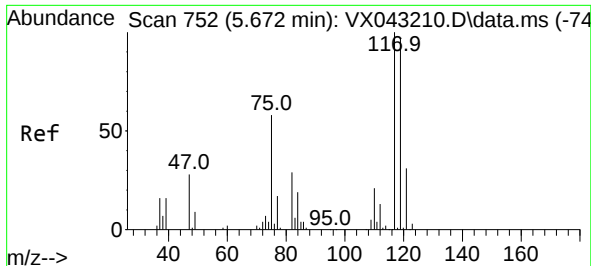
Ion Ratio Lower Upper

75 100

110 9.7 17.8 53.3#

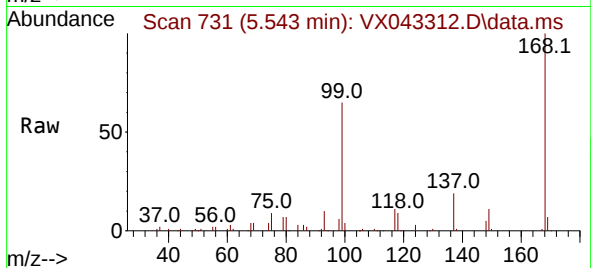
77 0.0 24.9 37.3#



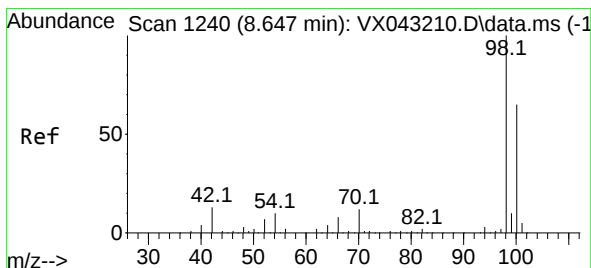
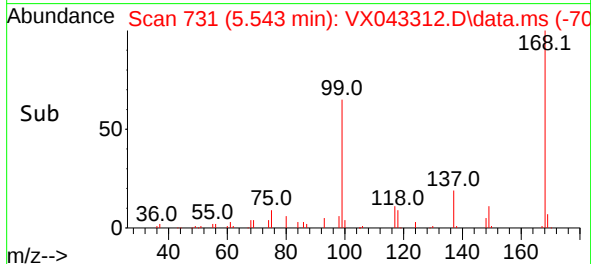
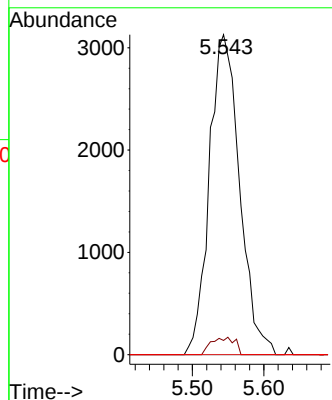


#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :

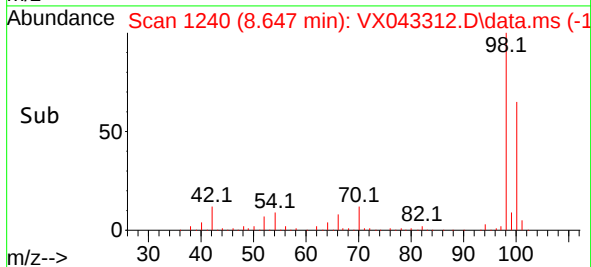
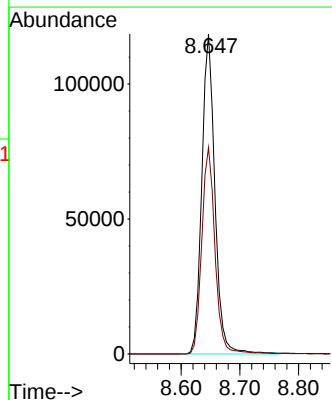
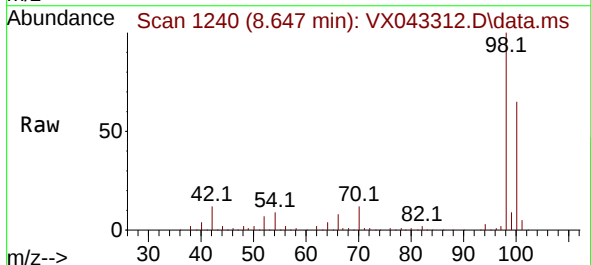


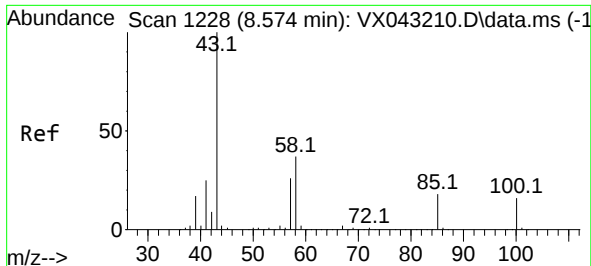
Tgt Ion:117 Resp: 9198
Ion Ratio Lower Upper
117 100
119 4.4 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.640 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Tgt Ion: 98 Resp: 182801
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 0.260 ug/l

RT: 8.592 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

Instrument :

MSVOA_X

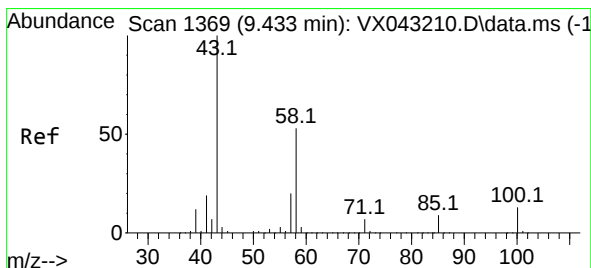
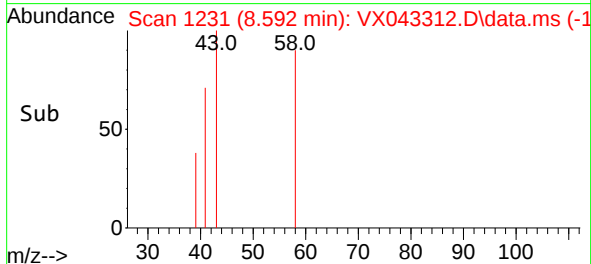
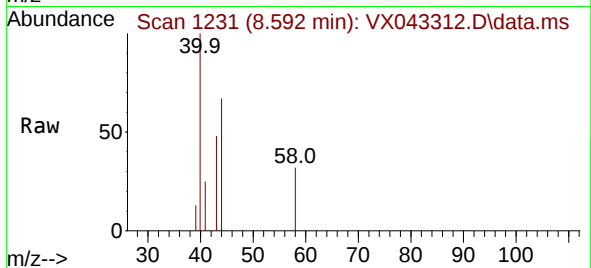
ClientSampleId :

Tgt Ion: 43 Resp: 420

Ion Ratio Lower Upper

43 100

58 29.8 30.0 45.0#



#59

2-Hexanone

Concen: 0.372 ug/l

RT: 9.457 min Scan# 1373

Delta R.T. 0.024 min

Lab File: VX043312.D

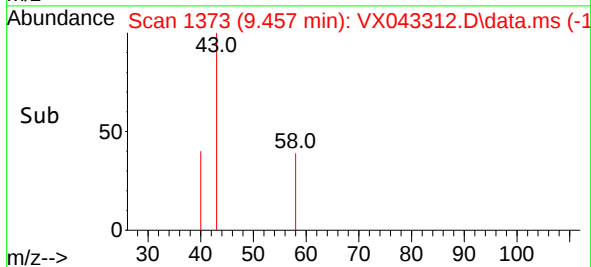
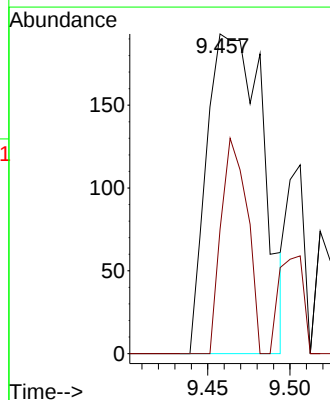
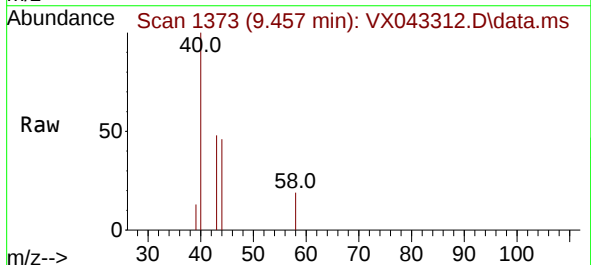
Acq: 08 Oct 2024 09:42

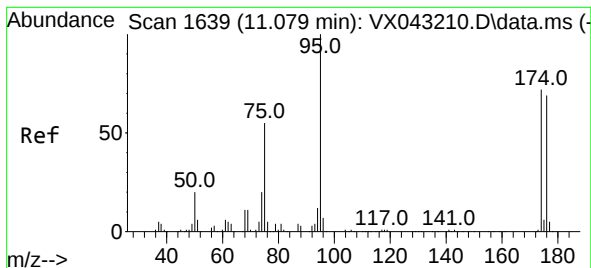
Tgt Ion: 43 Resp: 455

Ion Ratio Lower Upper

43 100

58 31.6 26.1 78.3

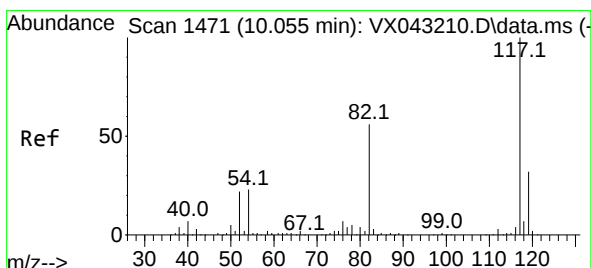
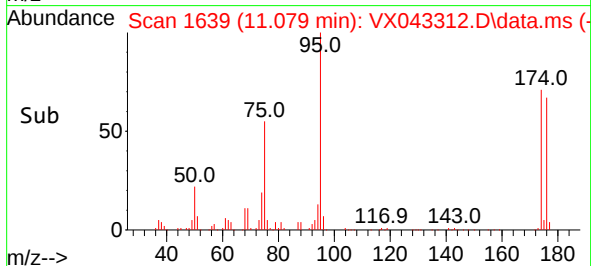
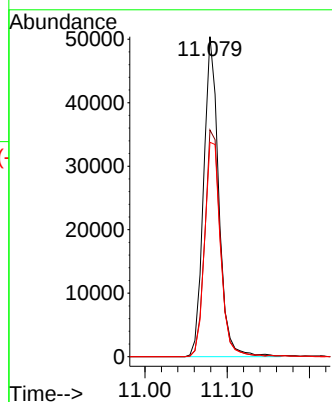
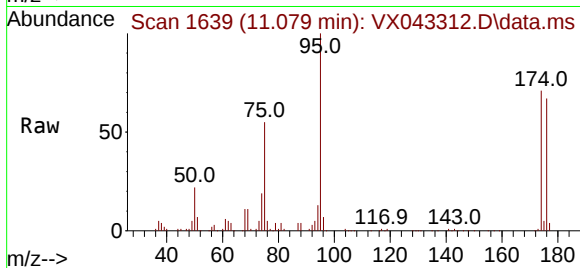




#62
4-Bromofluorobenzene
Concen: 48.110 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

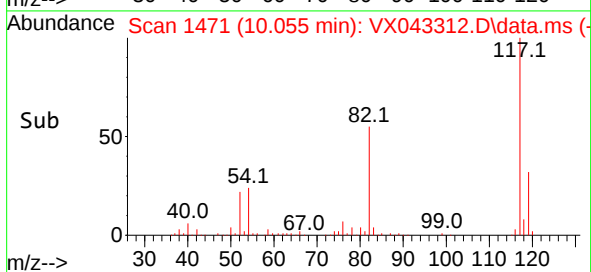
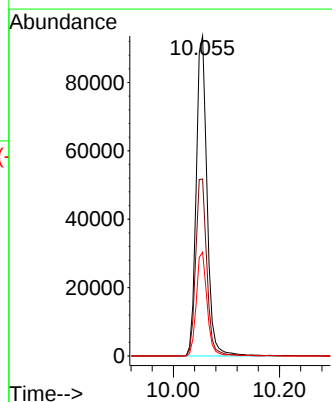
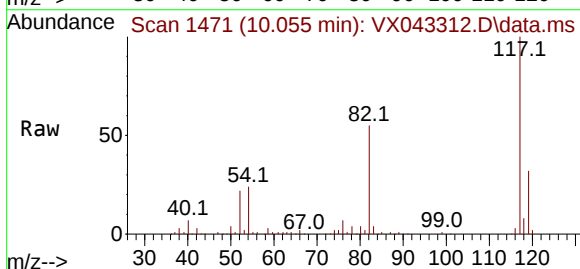
Instrument :
MSVOA_X
ClientSampleId :

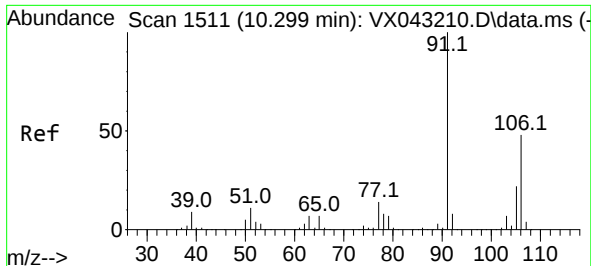
Tgt Ion: 95 Resp: 64363
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 70.7 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Tgt Ion: 117 Resp: 132272
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.6
119 32.5 25.3 37.9

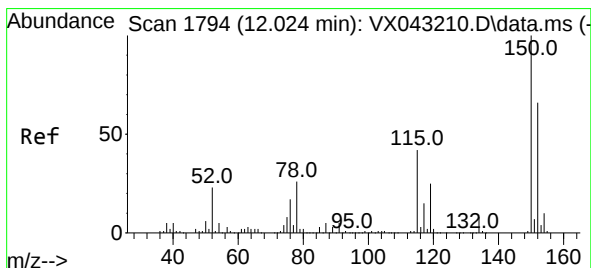
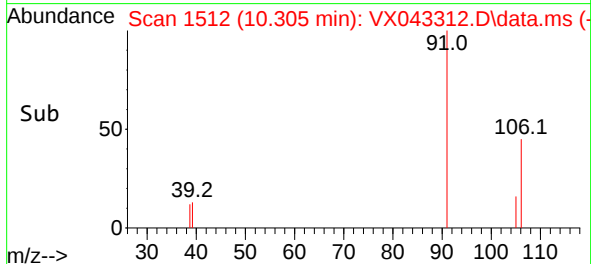
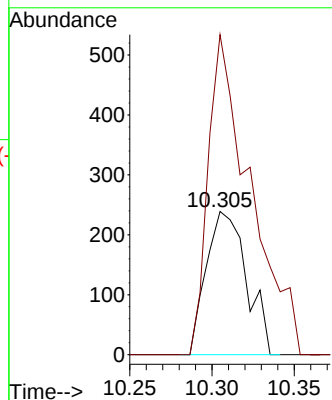
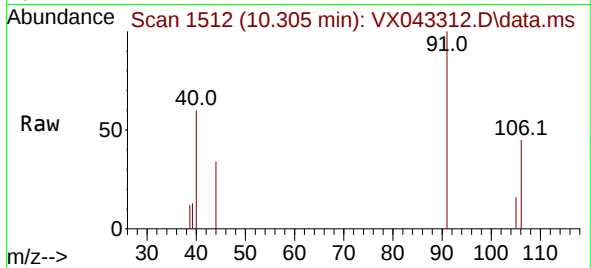




#68
m/p-Xylenes
Concen: 0.219 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

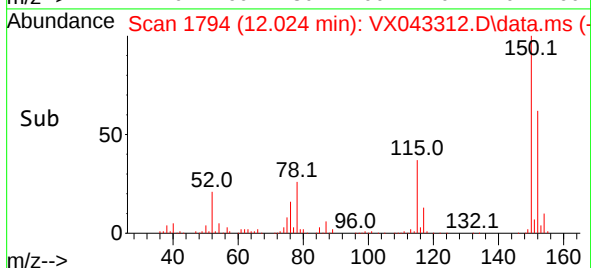
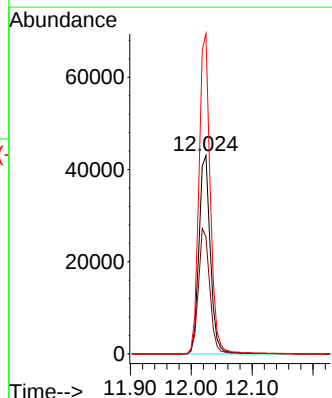
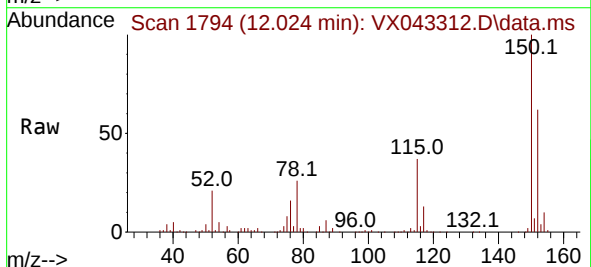
Instrument :
MSVOA_X
ClientSampleId :

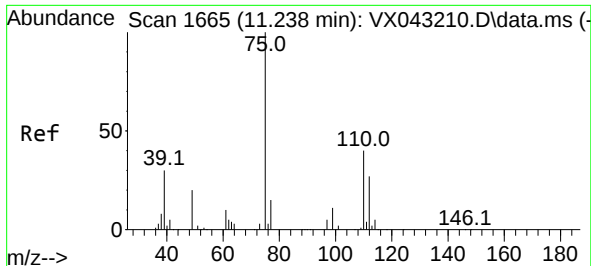
Tgt Ion:106 Resp: 407
Ion Ratio Lower Upper
106 100
91 234.4 167.0 250.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Tgt Ion:152 Resp: 56311
Ion Ratio Lower Upper
152 100
115 62.8 44.1 132.3
150 159.7 0.0 347.4

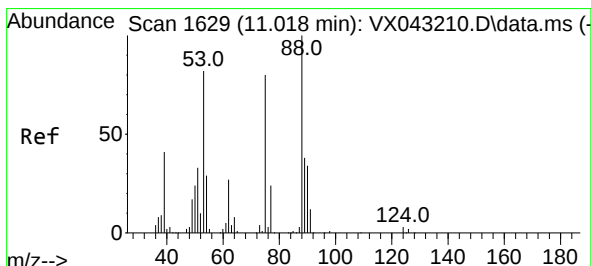
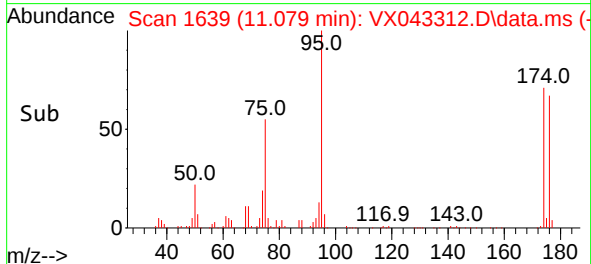
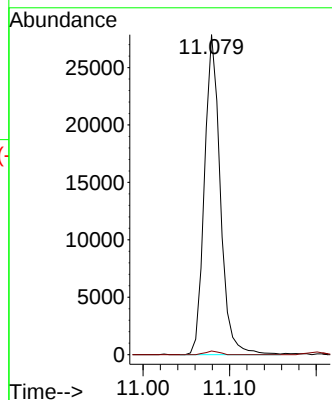
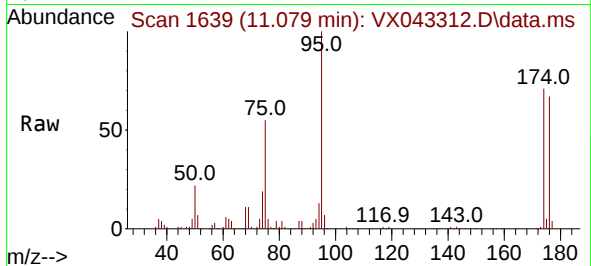




#76
1,2,3-Trichloropropane
Concen: 28.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

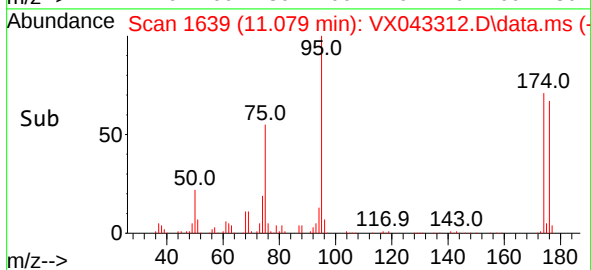
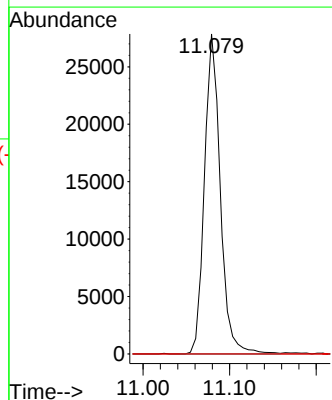
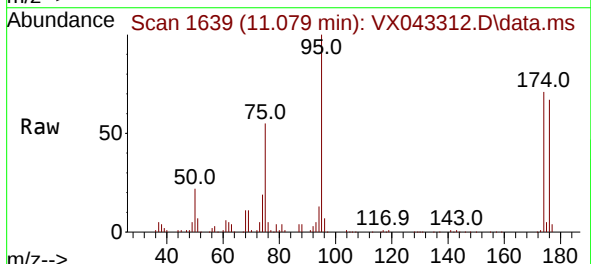
Instrument :
MSVOA_X
ClientSampleId :

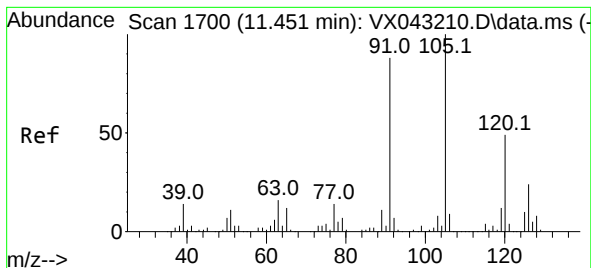
Tgt Ion: 75 Resp: 35448
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

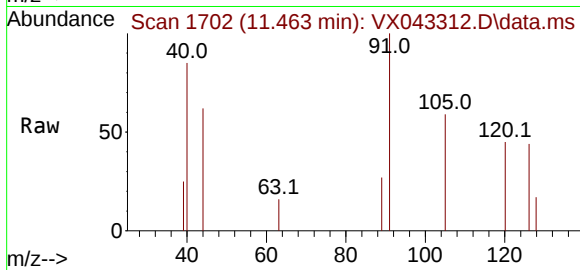
Tgt Ion: 75 Resp: 35448
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



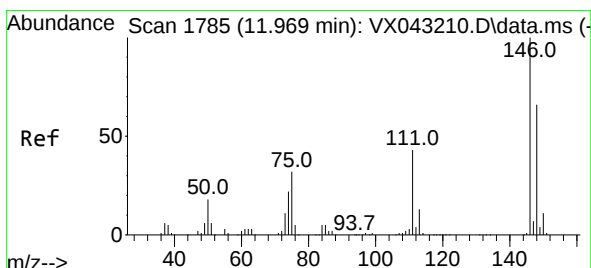
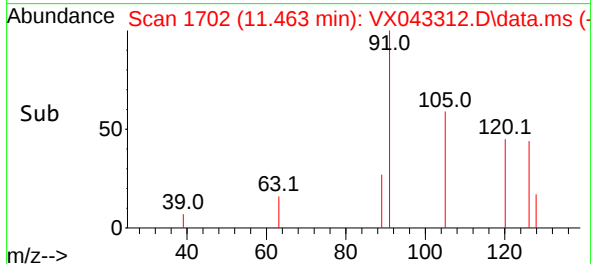
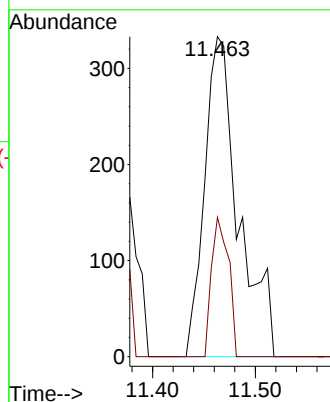


#82
4-Chlorotoluene
Concen: 0.217 ug/l
RT: 11.463 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :

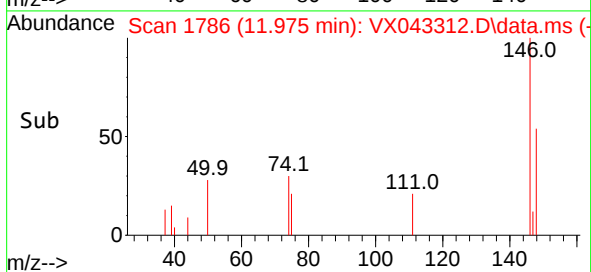
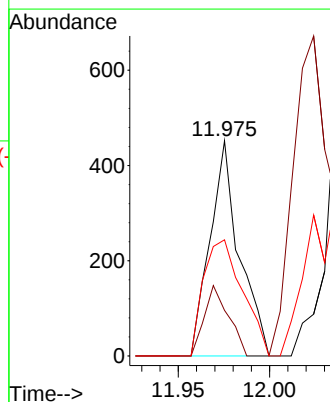
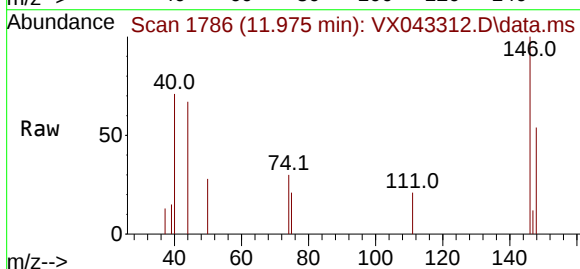


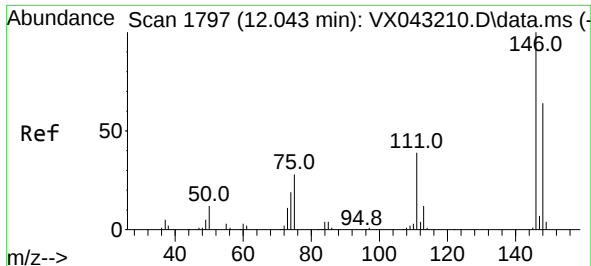
Tgt Ion: 91 Resp: 764
Ion Ratio Lower Upper
91 100
126 21.7 14.1 42.3



#87
1,3-Dichlorobenzene
Concen: 0.269 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

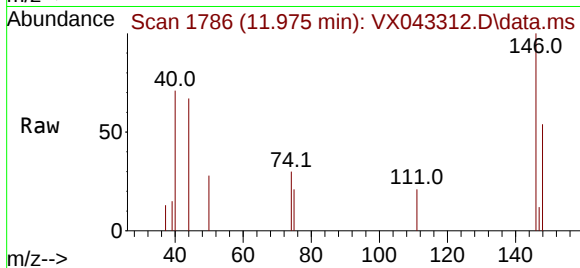
Tgt Ion:146 Resp: 504
Ion Ratio Lower Upper
146 100
111 27.2 21.8 65.3
148 71.8 32.4 97.2



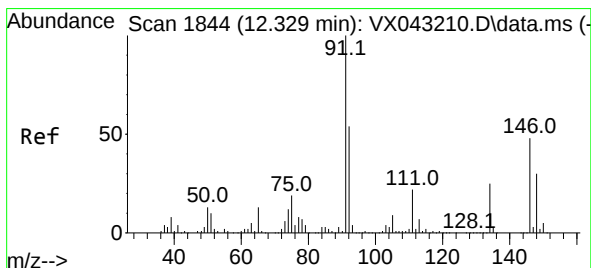
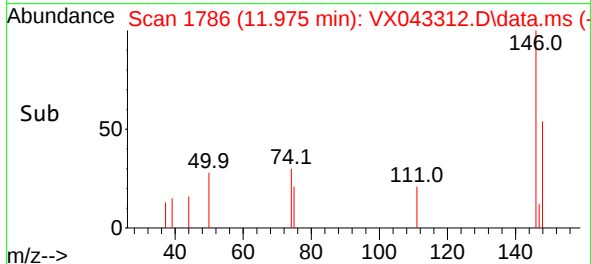
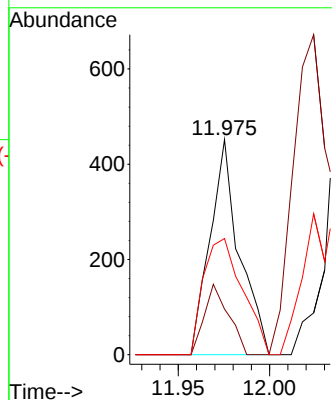


#88
1,4-Dichlorobenzene
Concen: 0.260 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :

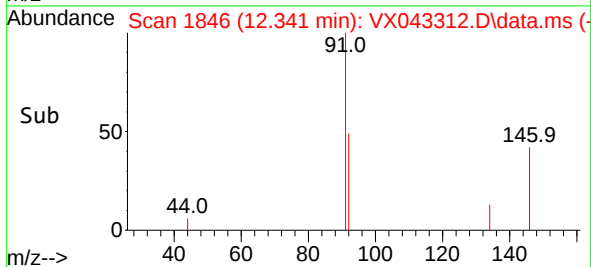
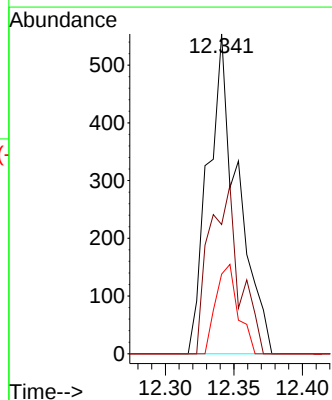
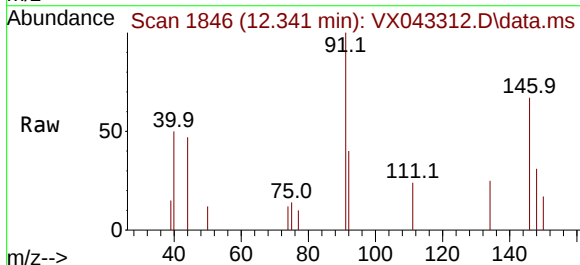


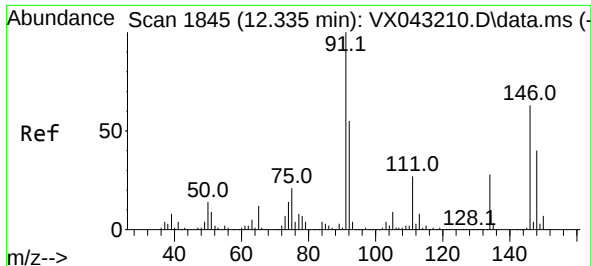
Tgt Ion:146 Resp: 504
Ion Ratio Lower Upper
146 100
111 27.2 20.8 62.5
148 71.8 32.4 97.0



#89
n-Butylbenzene
Concen: 0.273 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Tgt Ion: 91 Resp: 841
Ion Ratio Lower Upper
91 100
92 53.2 27.0 81.0
134 20.7 12.9 38.6

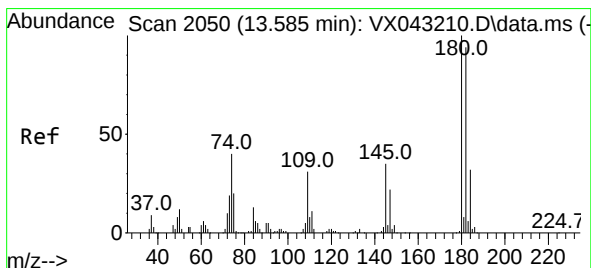
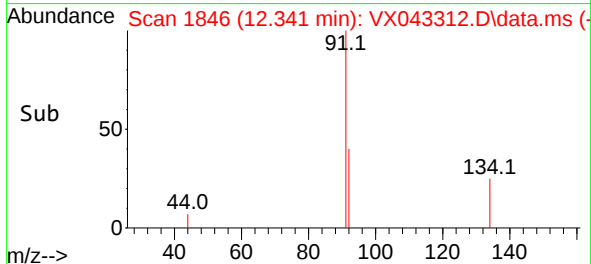
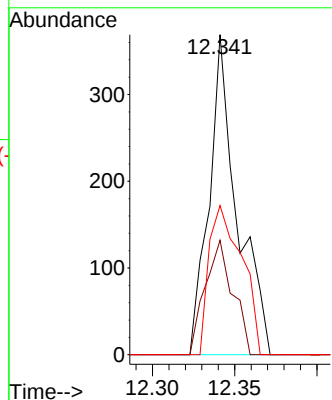
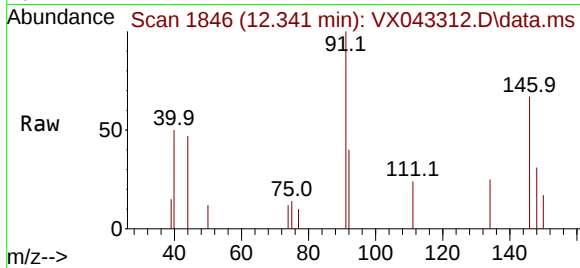




#91
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

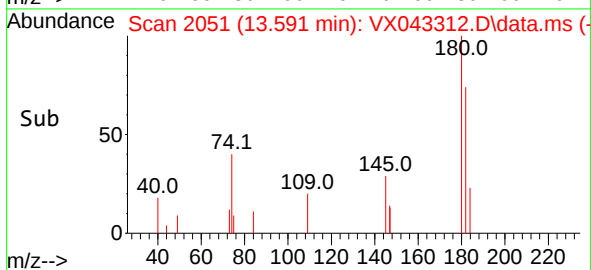
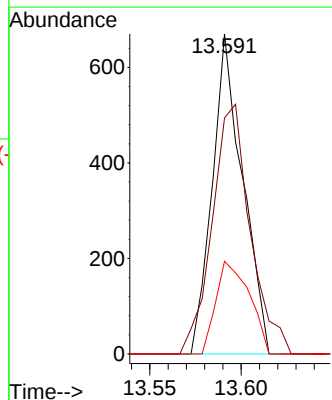
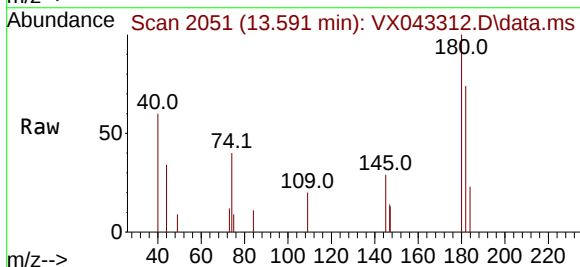
Instrument :
MSVOA_X
ClientSampleId :

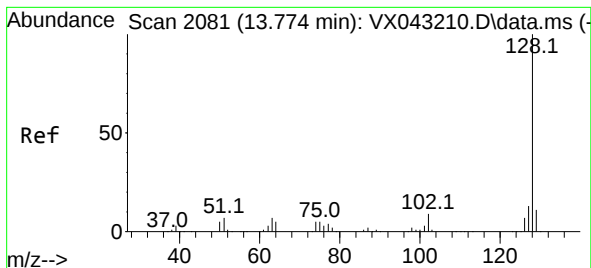
Tgt Ion:146 Resp: 437
Ion Ratio Lower Upper
146 100
111 35.2 21.9 65.5
148 54.5 31.9 95.5



#93
1,2,4-Trichlorobenzene
Concen: 0.699 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043312.D
Acq: 08 Oct 2024 09:42

Tgt Ion:180 Resp: 773
Ion Ratio Lower Upper
180 100
182 97.8 47.1 141.3
145 32.0 16.6 49.8





#95

Naphthalene

Concen: 1.345 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

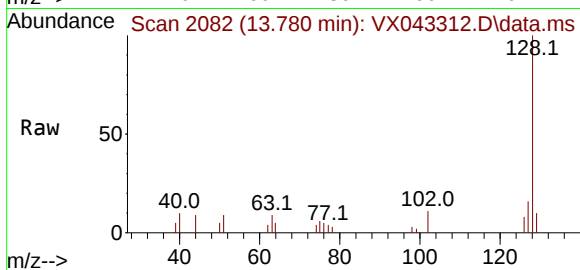
Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :



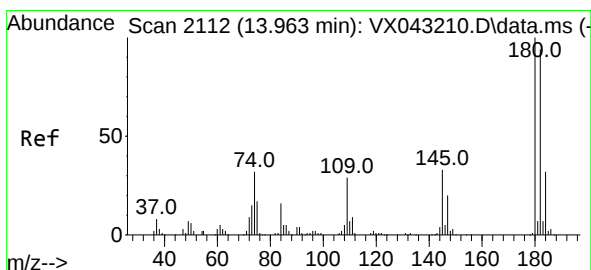
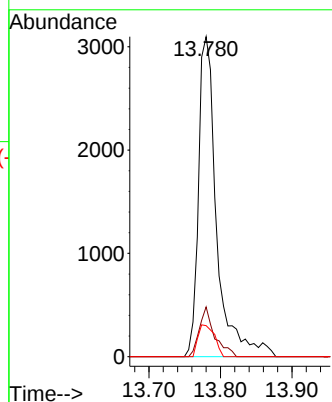
Tgt Ion:128 Resp: 5470

Ion	Ratio	Lower	Upper
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128	100		
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127	13.0	10.2	15.2
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129	8.9	8.6	13.0
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#96

1,2,3-Trichlorobenzene

Concen: 0.802 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043312.D

Acq: 08 Oct 2024 09:42

Tgt Ion:180 Resp: 916

Ion	Ratio	Lower	Upper
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180	100		
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182	92.1	46.5	139.3
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145	33.3	17.2	51.6
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