

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101024\
 Data File : VX043352.D
 Acq On : 10 Oct 2024 15:00
 Operator : JC/MD
 Sample : P4340-03ME
 Misc : 4.66g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 01:45:06 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)

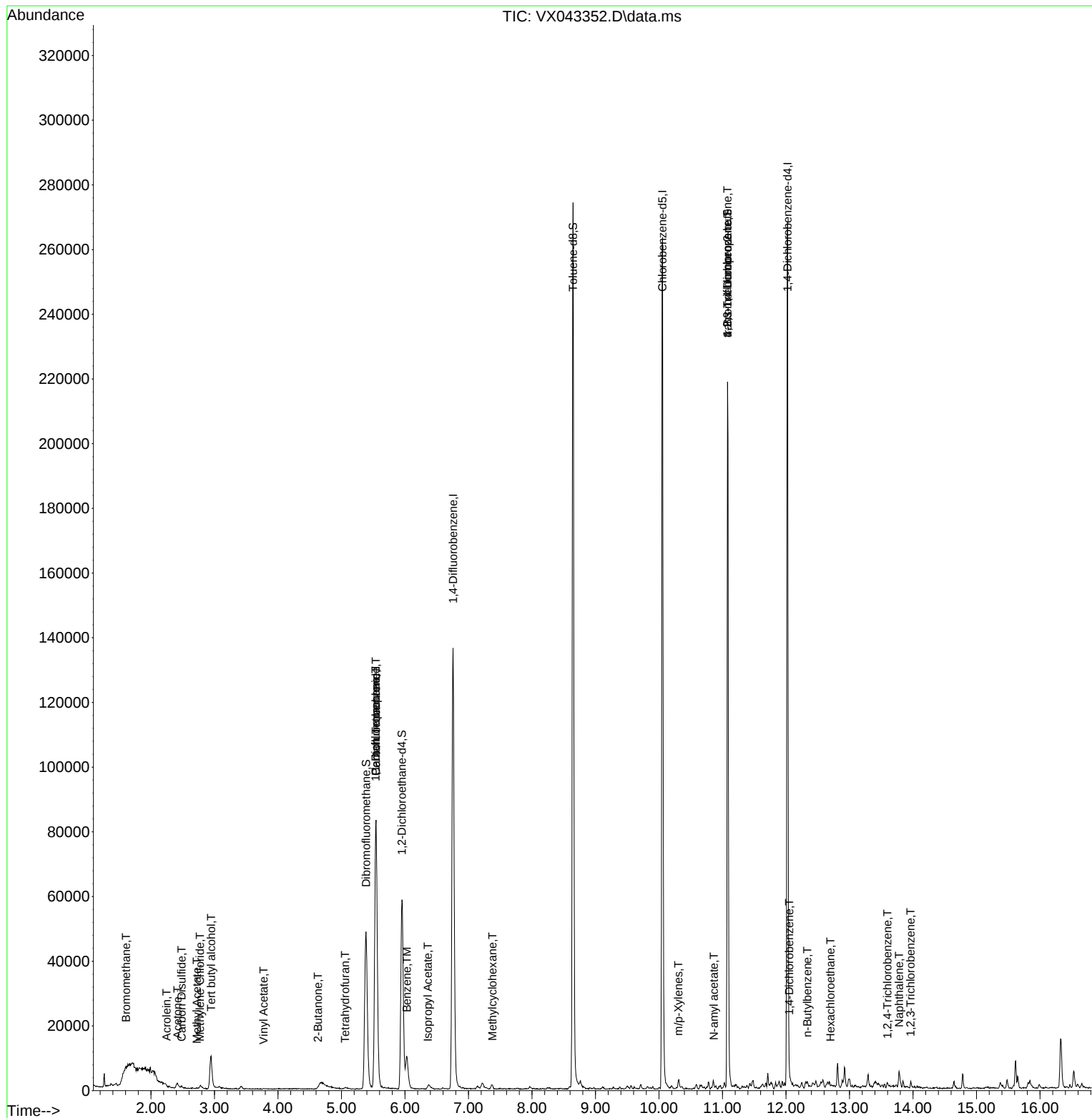
Internal Standards						
1) Pentafluorobenzene	5.544	168	75839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62378	50.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.720%	
35) Dibromofluoromethane	5.385	113	43093	45.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.500%	
50) Toluene-d8	8.647	98	164272	49.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	11.079	95	60760	50.673	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	156	0.420	ug/l #	26
11) Tert butyl alcohol	2.947	59	6978	29.606	ug/l #	72
13) Acrolein	2.246	56	131	0.588	ug/l #	1
16) Acetone	2.416	43	2778	5.371	ug/l	93
17) Carbon Disulfide	2.483	76	620	0.303	ug/l #	76
18) Methyl Acetate	2.721	43	609	0.469	ug/l #	51
20) Methylene Chloride	2.770	84	553	0.580	ug/l #	78
23) Vinyl Acetate	3.776	43	137	6.383	ug/l #	71
25) 2-Butanone	4.629	43	702	0.990	ug/l #	49
29) Tetrahydrofuran	5.056	42	155	0.343	ug/l #	62
36) 1,1-Dichloropropene	5.538	75	6760	5.618	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8355	5.866	ug/l #	15
39) Methylcyclohexane	7.379	83	597	0.395	ug/l #	87
40) Benzene	6.031	78	11774	3.228	ug/l	92
43) Isopropyl Acetate	6.361	43	810	0.339	ug/l #	62
68) m/p-Xylenes	10.305	106	740	0.437	ug/l	75
74) N-amyl acetate	10.866	43	463	0.231	ug/l #	27
76) 1,2,3-Trichloropropane	11.079	75	33707	27.974	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33707	72.499	ug/l #	8
88) 1,4-Dichlorobenzene	12.049	146	392	0.210	ug/l #	22
89) n-Butylbenzene	12.335	91	631	0.212	ug/l	91
90) Hexachloroethane	12.701	117	222	0.333	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.597	180	500	0.468	ug/l	95
95) Naphthalene	13.780	128	3733	0.951	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	584	0.530	ug/l	93

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

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ClientSampleId :

Quant Time: Oct 11 01:45:06 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

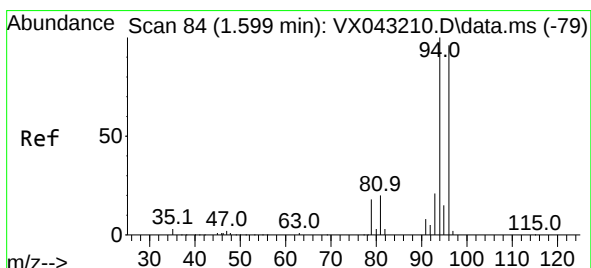
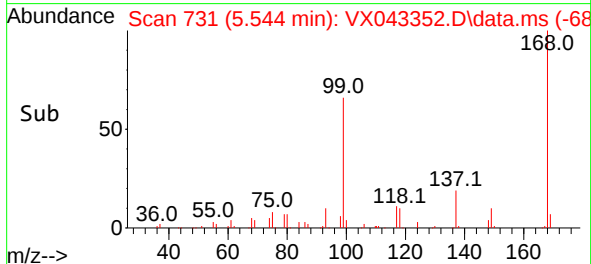
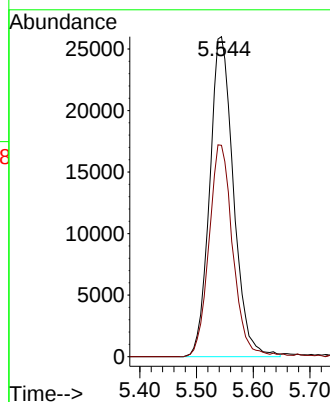
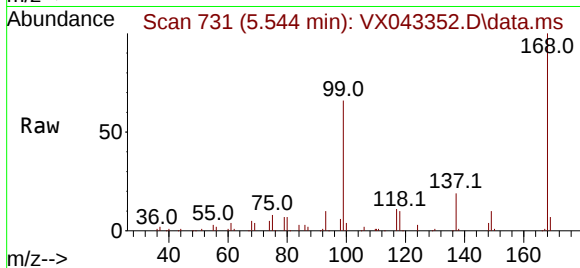




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

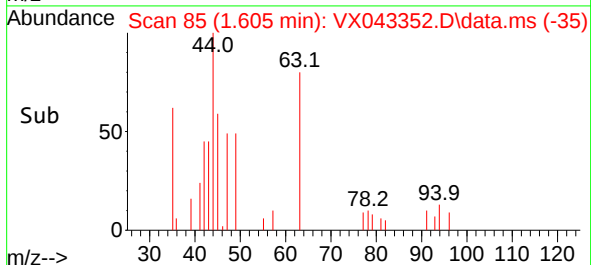
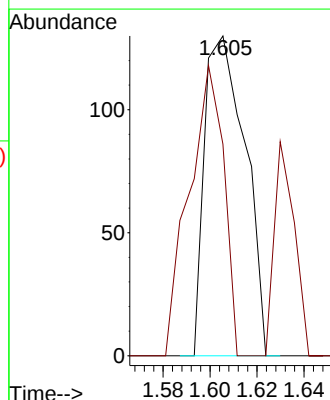
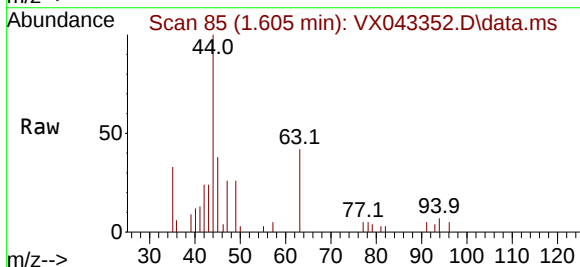
Instrument :
MSVOA_X
ClientSampleId :

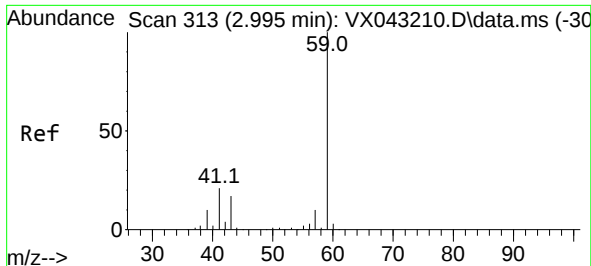
Tgt Ion:168 Resp: 75839
Ion Ratio Lower Upper
168 100
99 66.1 49.7 74.5



#5
Bromomethane
Concen: 0.420 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 23.8 76.6 115.0#

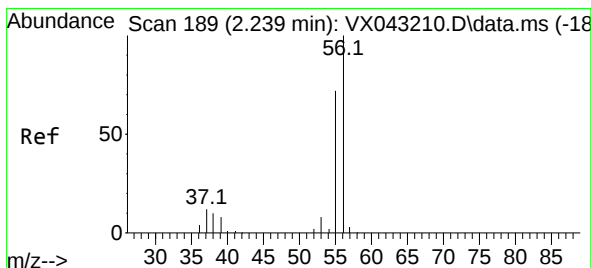
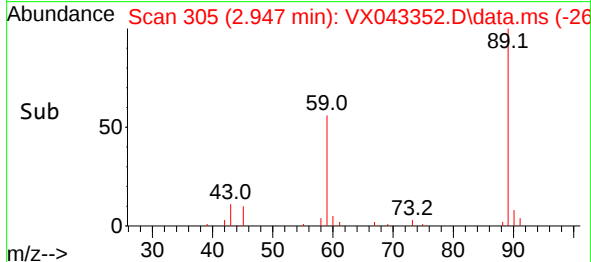
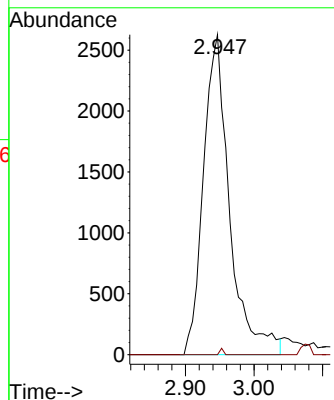
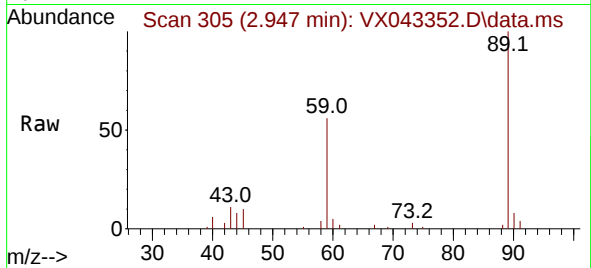




#11
Tert butyl alcohol
Concen: 29.606 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

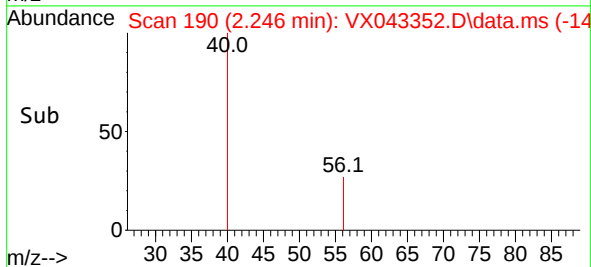
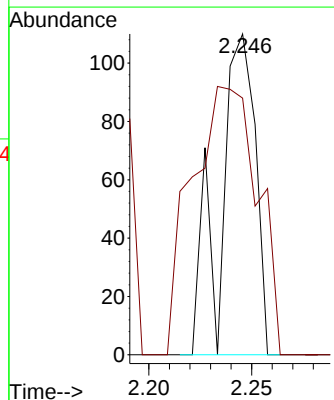
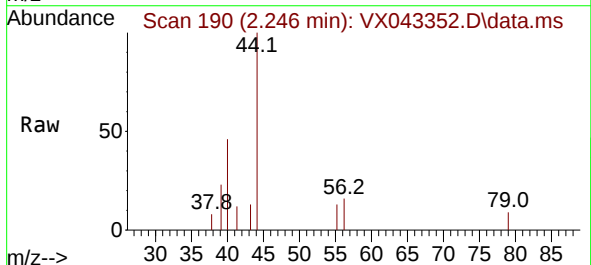
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 6978
Ion Ratio Lower Upper
59 100
57 0.3 8.6 13.0#



#13
Acrolein
Concen: 0.588 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 156.5 57.4 86.0#

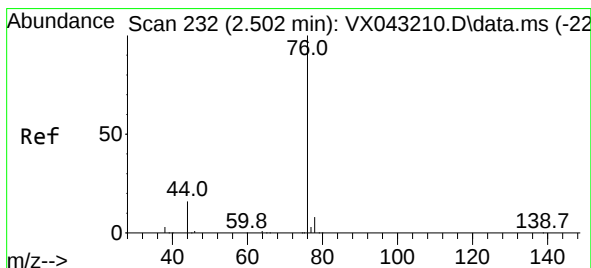
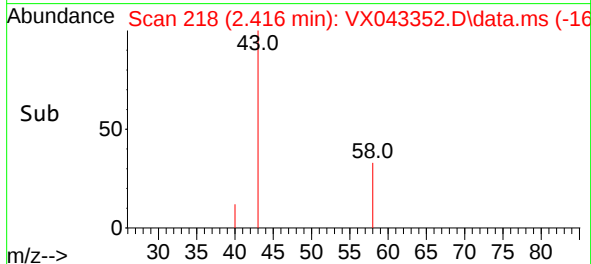
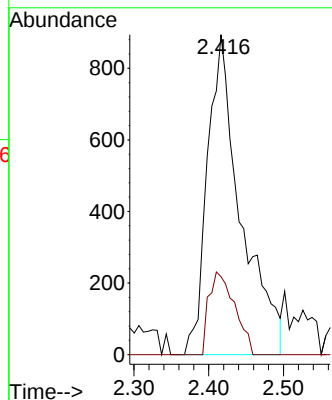
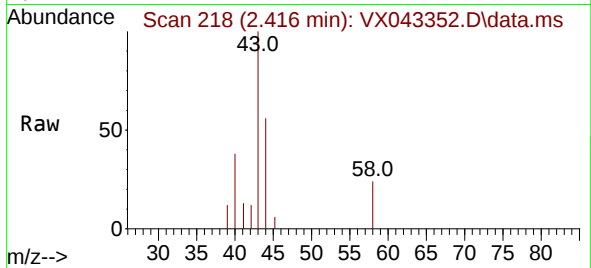




#16
Acetone
Concen: 5.371 ug/l
RT: 2.416 min Scan# 211
Delta R.T. 0.030 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

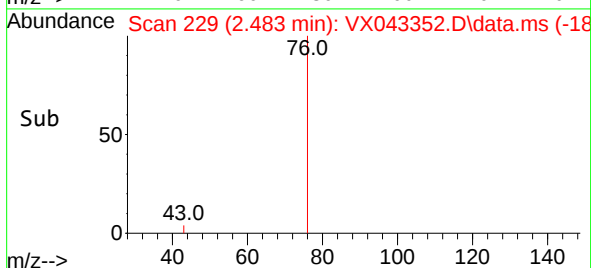
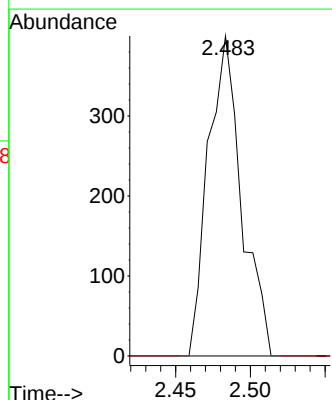
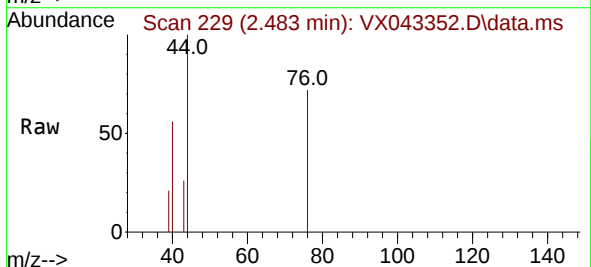
Instrument :
MSVOA_X
ClientSampleId :

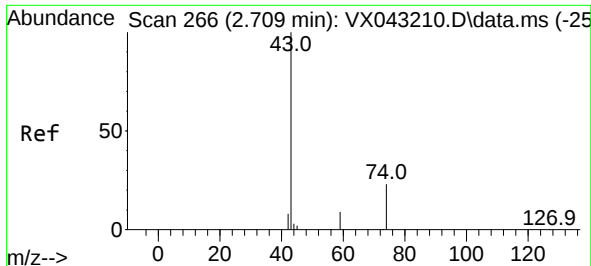
Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
58 24.4 22.6 33.8



#17
Carbon Disulfide
Concen: 0.303 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.018 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Tgt Ion: 76 Resp: 620
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#





#18

Methyl Acetate

Concen: 0.469 ug/l

RT: 2.721 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX043352.D

Acq: 10 Oct 2024 15:00

Instrument :

MSVOA_X

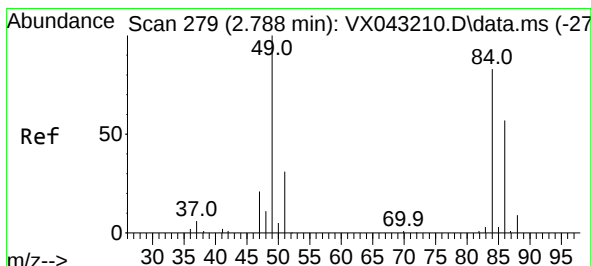
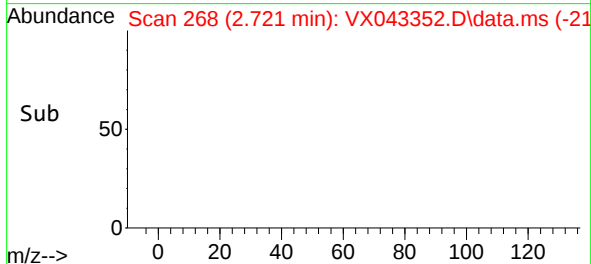
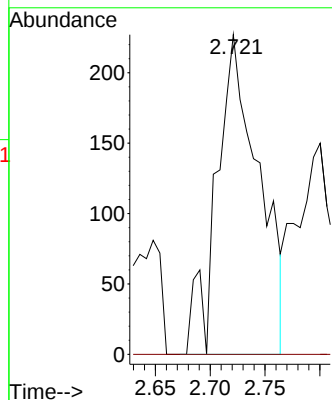
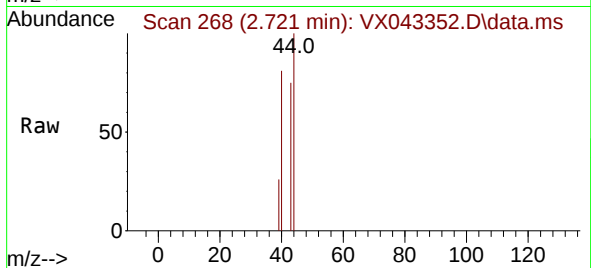
ClientSampleId :

Tgt Ion: 43 Resp: 609

Ion Ratio Lower Upper

43 100

74 0.0 19.1 28.7#



#20

Methylene Chloride

Concen: 0.580 ug/l

RT: 2.770 min Scan# 276

Delta R.T. -0.018 min

Lab File: VX043352.D

Acq: 10 Oct 2024 15:00

Tgt Ion: 84 Resp: 553

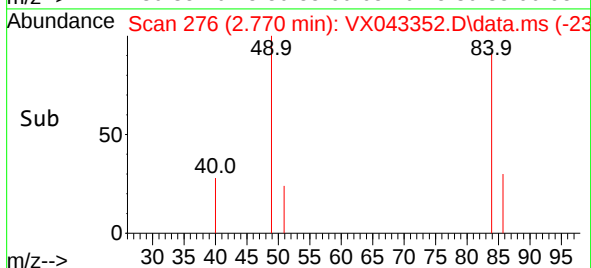
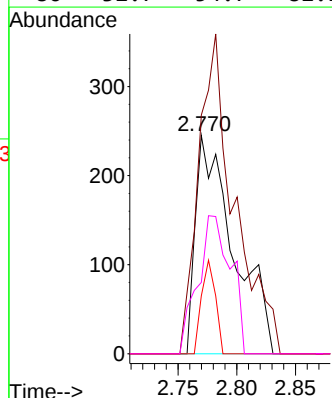
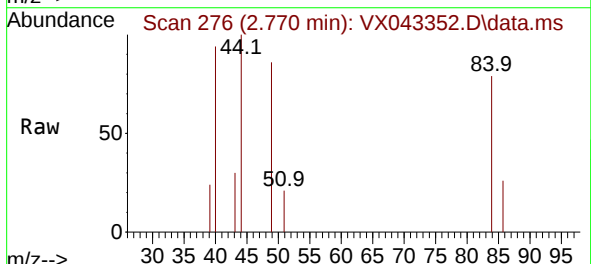
Ion Ratio Lower Upper

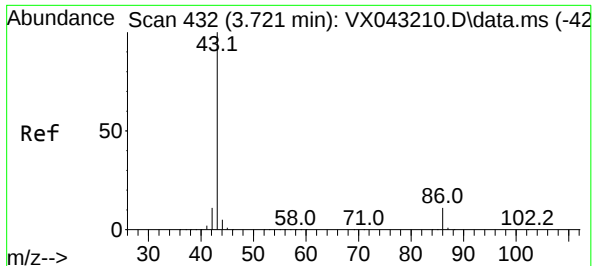
84 100

49 109.4 96.7 145.1

51 26.5 30.4 45.6#

86 32.7 54.7 82.1#

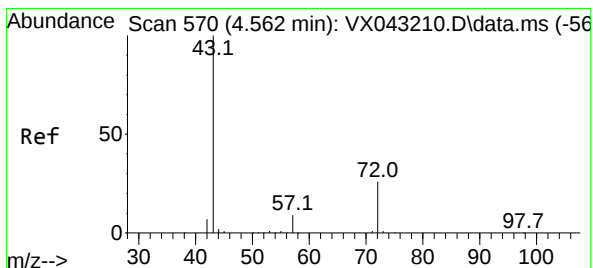
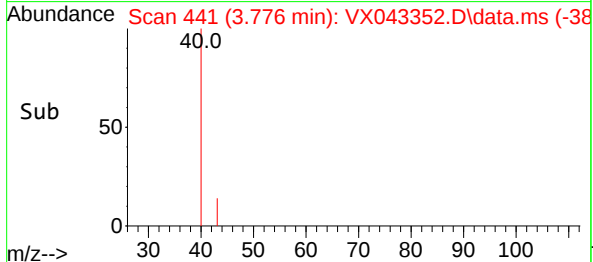
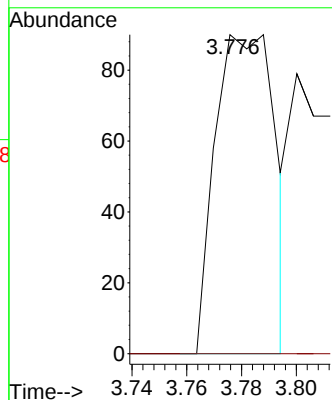
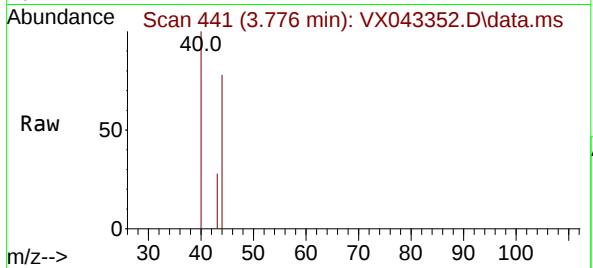




#23
 Vinyl Acetate
 Concen: 6.383 ug/l
 RT: 3.776 min Scan# 441
 Delta R.T. 0.055 min
 Lab File: VX043352.D
 Acq: 10 Oct 2024 15:00

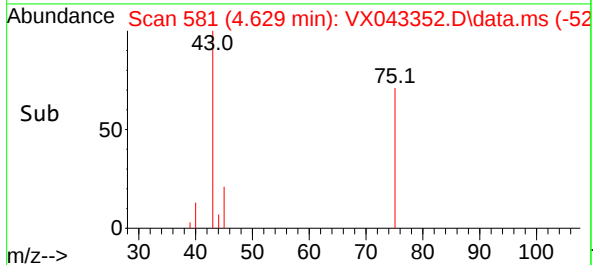
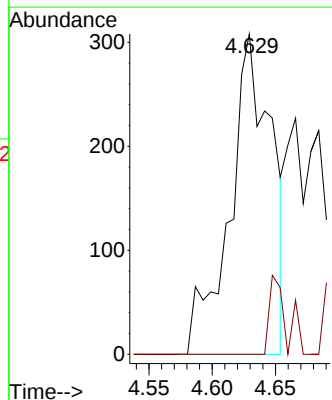
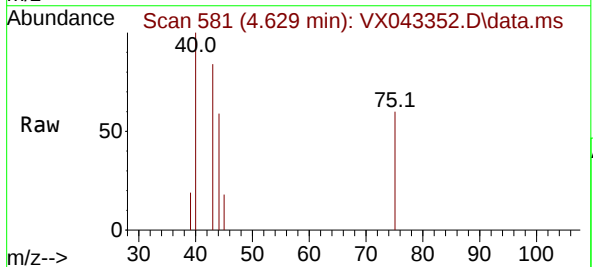
Instrument :
 MSVOA_X
 ClientSampleId :

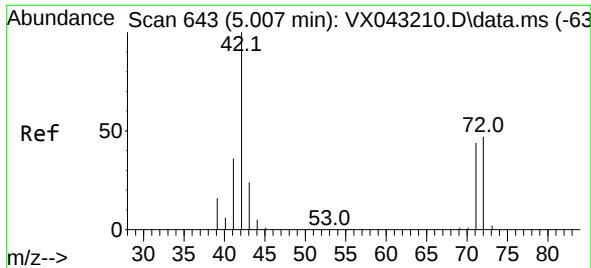
Tgt Ion: 43 Resp: 137
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#25
 2-Butanone
 Concen: 0.990 ug/l
 RT: 4.629 min Scan# 581
 Delta R.T. 0.067 min
 Lab File: VX043352.D
 Acq: 10 Oct 2024 15:00

Tgt Ion: 43 Resp: 702
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.6 31.0#





#29

Tetrahydrofuran

Concen: 0.343 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.049 min

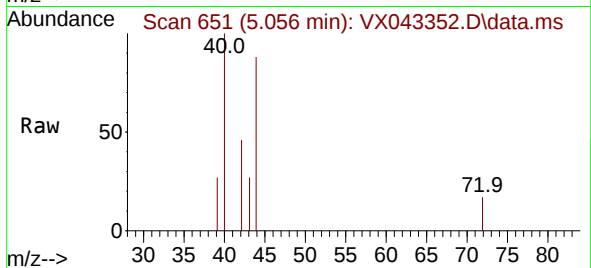
Lab File: VX043352.D

Acq: 10 Oct 2024 15:00

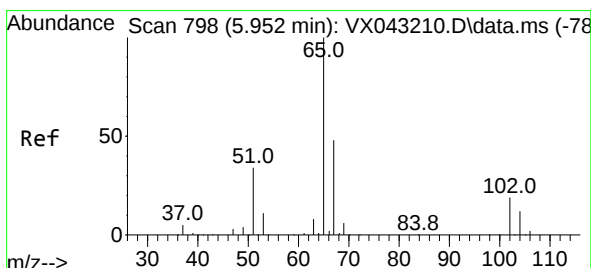
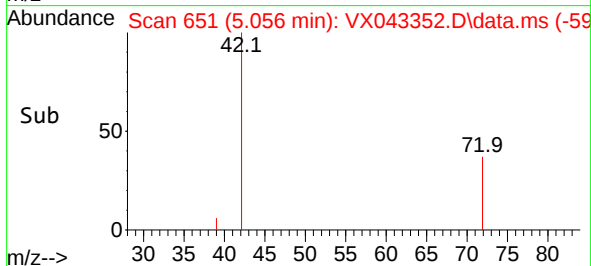
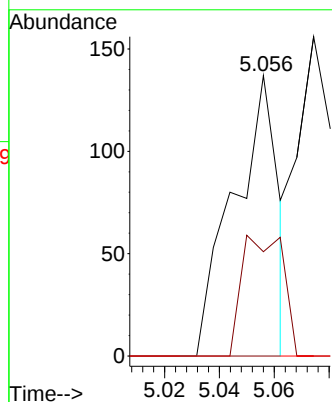
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	155
Ion	Ratio	Lower	Upper
42	100		
72	39.4	37.7	56.5
71	0.0	34.6	52.0#



#33

1,2-Dichloroethane-d4

Concen: 50.363 ug/l

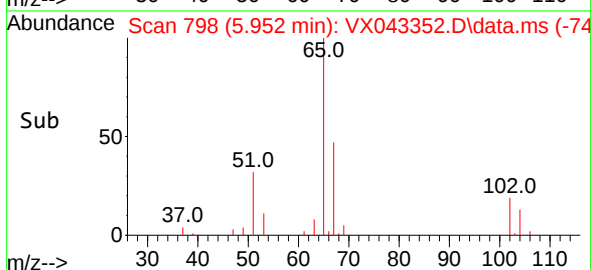
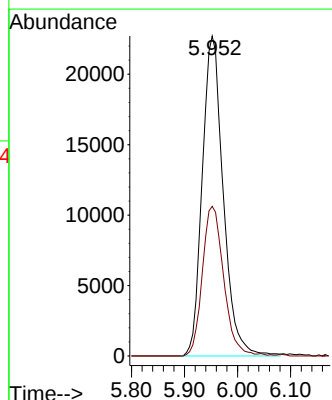
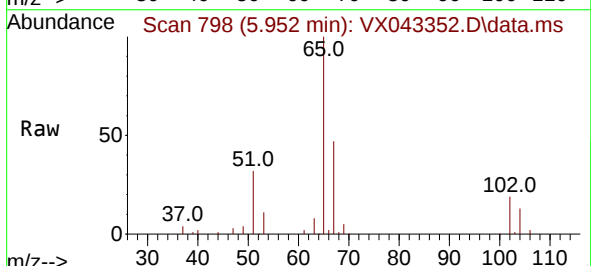
RT: 5.952 min Scan# 798

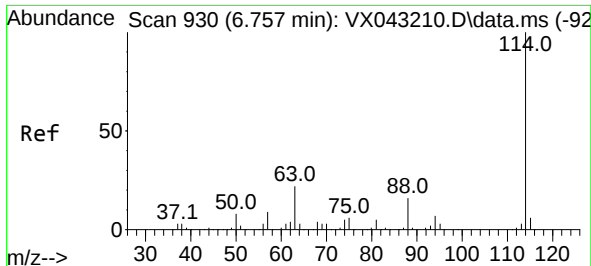
Delta R.T. 0.000 min

Lab File: VX043352.D

Acq: 10 Oct 2024 15:00

Tgt Ion:	65	Resp:	62378
Ion	Ratio	Lower	Upper
65	100		
67	47.7	0.0	99.0

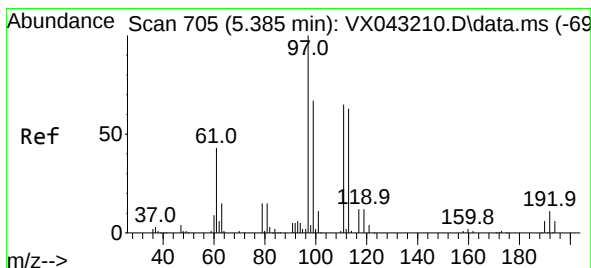
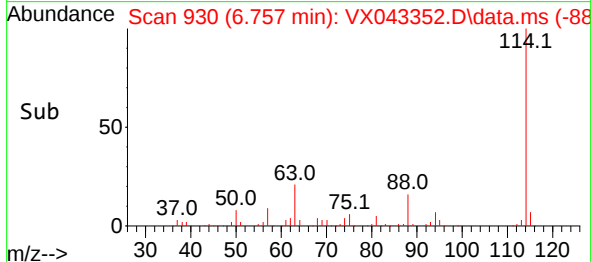
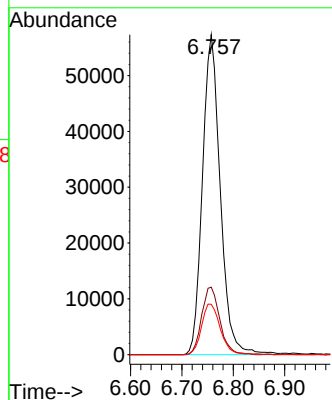
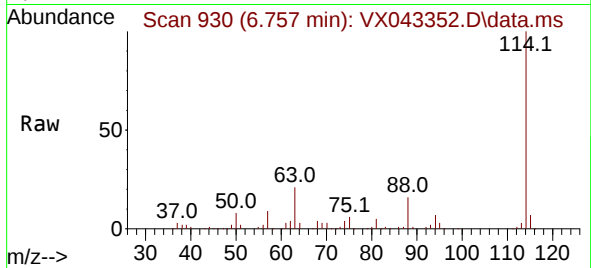




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

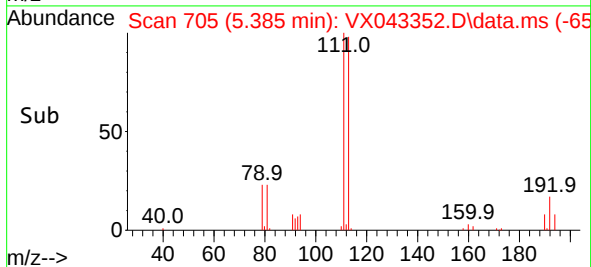
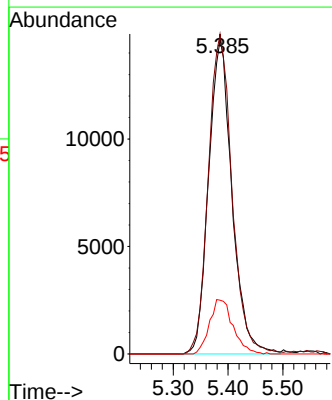
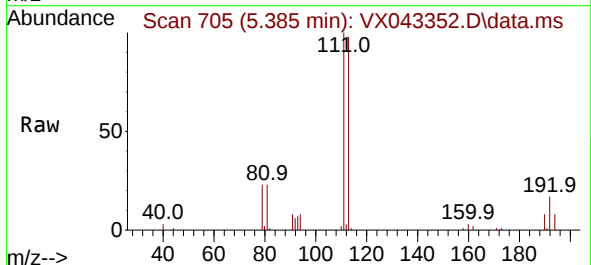
Instrument :
MSVOA_X
ClientSampleId :

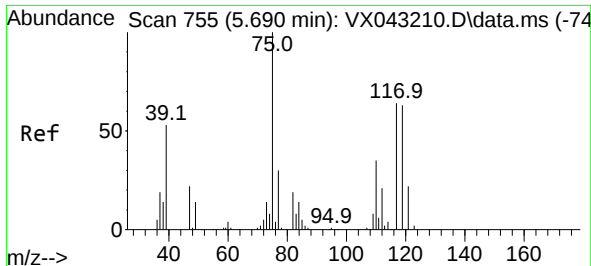
Tgt Ion:114 Resp: 138103
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.0
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.246 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

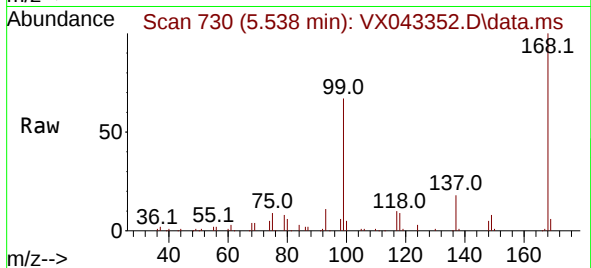
Tgt Ion:113 Resp: 43093
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.0
192 17.4 14.1 21.1



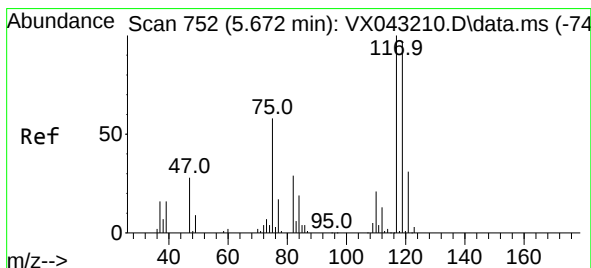
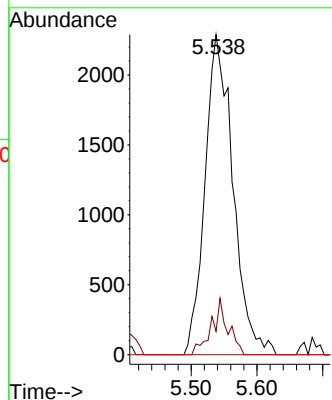
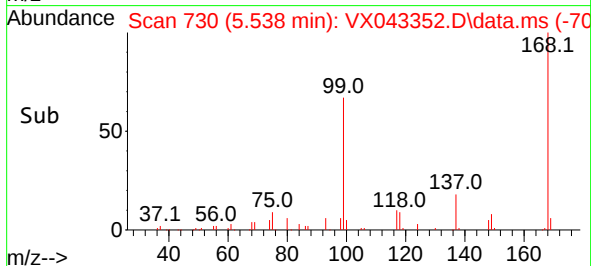


#36
1,1-Dichloropropene
Concen: 5.618 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.152 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :

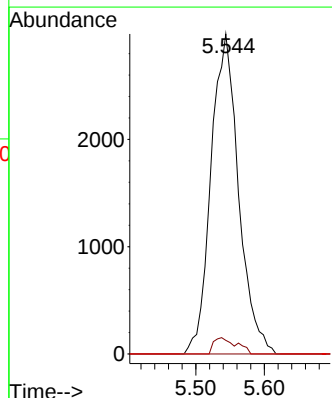
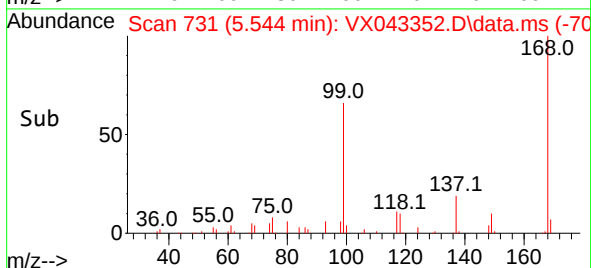
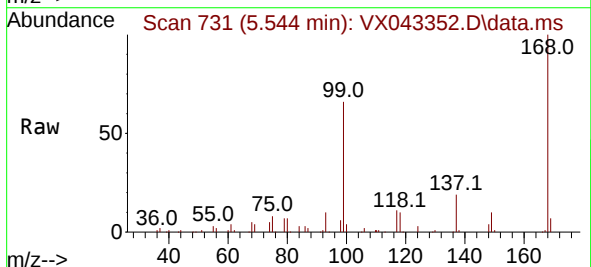


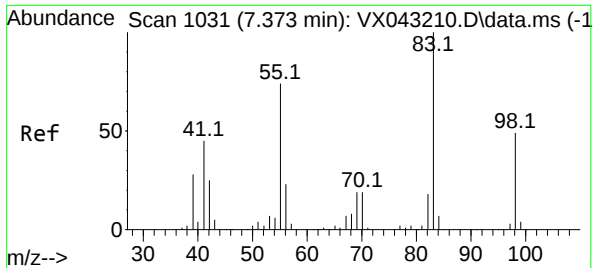
Tgt Ion: 75 Resp: 6760
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.866 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Tgt Ion: 117 Resp: 8355
Ion Ratio Lower Upper
117 100
119 4.3 77.7 116.5#
121 0.0 24.3 36.5#

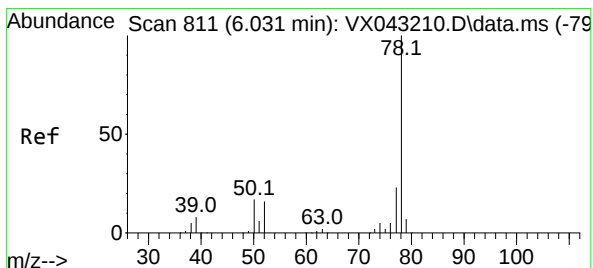
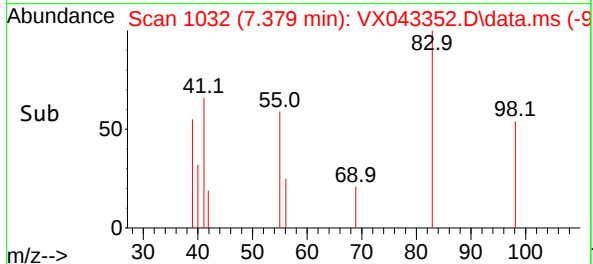
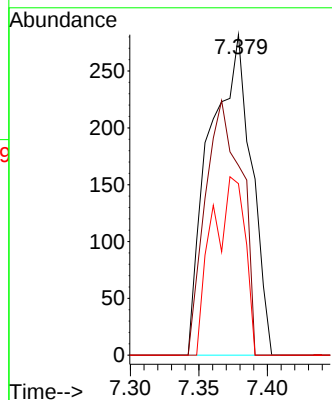
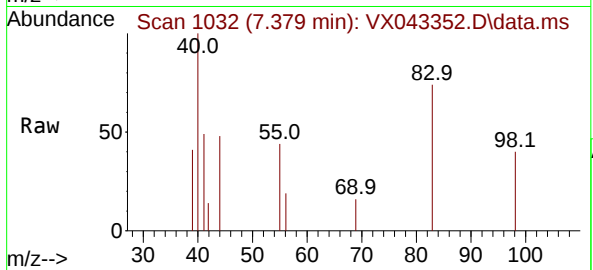




#39
Methylcyclohexane
Concen: 0.395 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

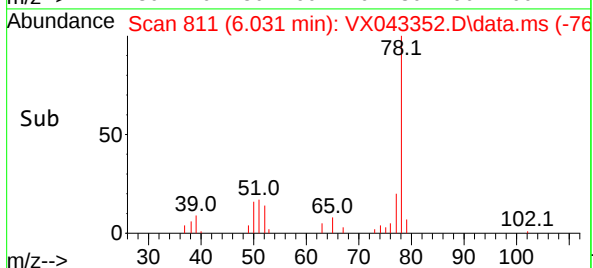
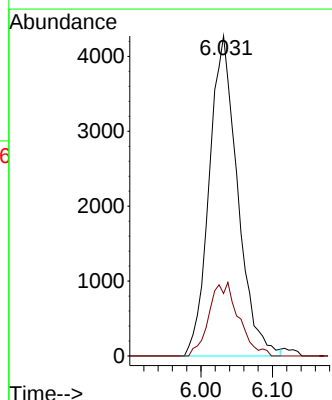
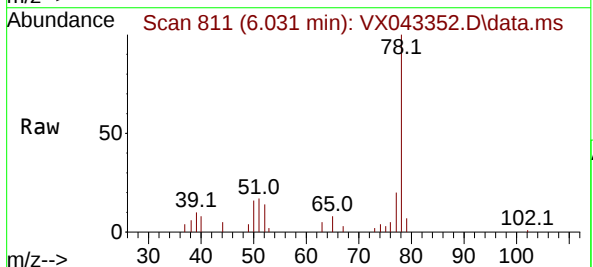
Instrument :
MSVOA_X
ClientSampleId :

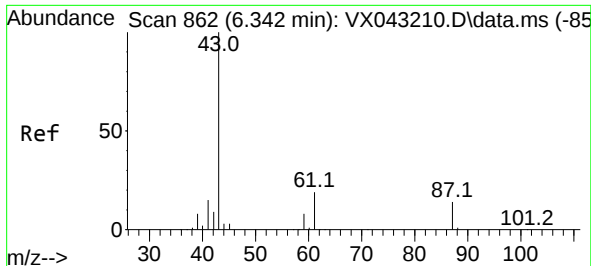
Tgt Ion: 83 Resp: 597
Ion Ratio Lower Upper
83 100
55 59.2 59.4 89.2#
98 53.5 39.3 58.9



#40
Benzene
Concen: 3.228 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

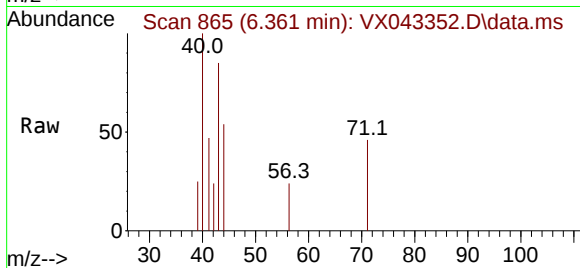
Tgt Ion: 78 Resp: 11774
Ion Ratio Lower Upper
78 100
77 19.5 18.8 28.2



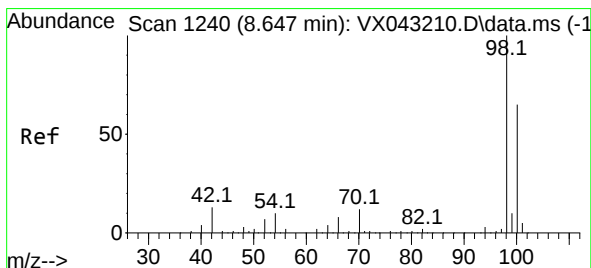
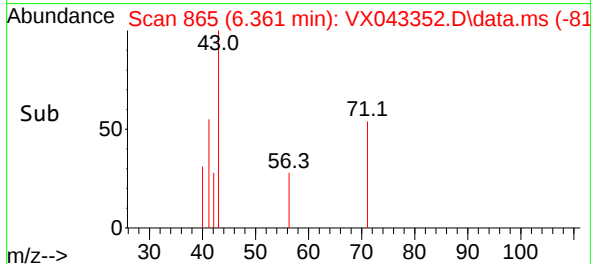
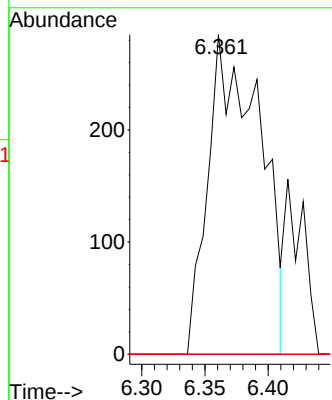


#43
Isopropyl Acetate
Concen: 0.339 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.018 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :

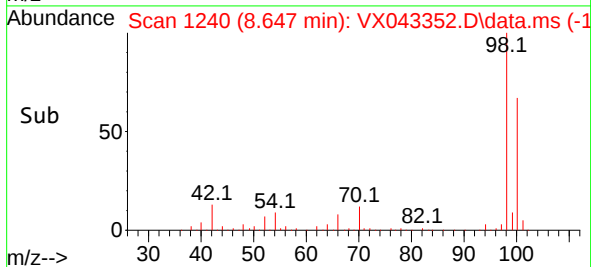
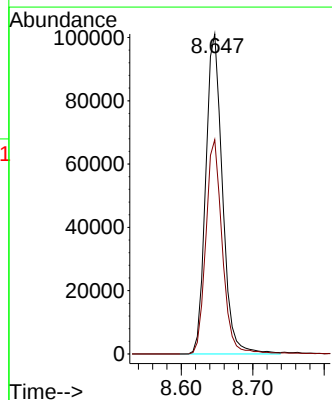
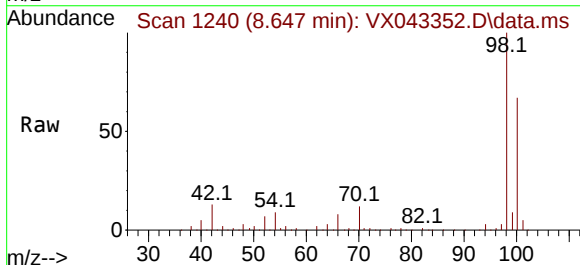


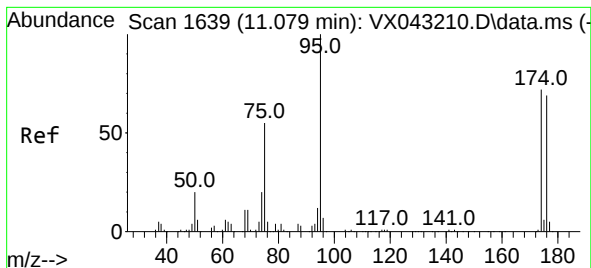
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
61 0.0 15.1 22.7#
87 0.0 10.8 16.2#



#50
Toluene-d8
Concen: 49.771 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Tgt Ion: 98 Resp: 164272
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

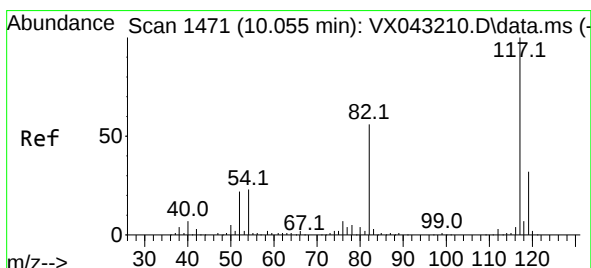
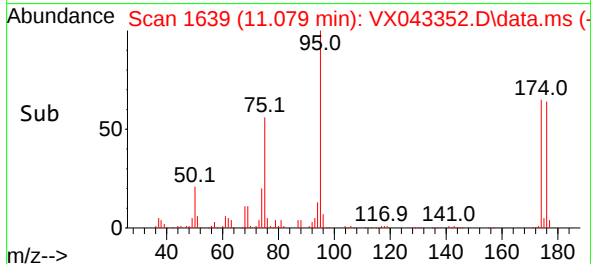
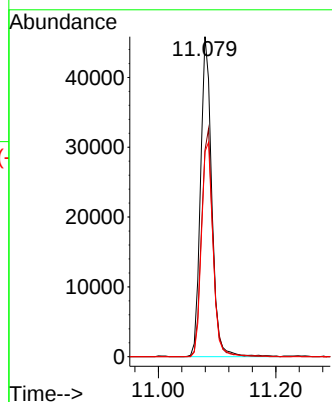
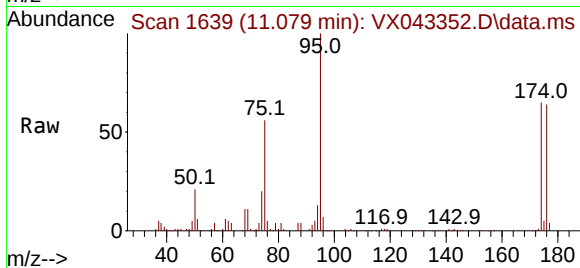




#62
4-Bromofluorobenzene
Concen: 50.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

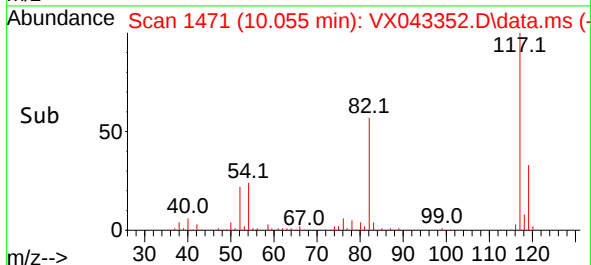
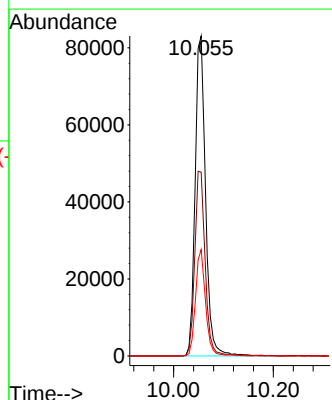
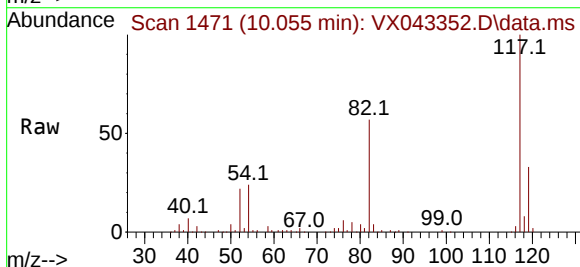
Instrument :
MSVOA_X
ClientSampleId :

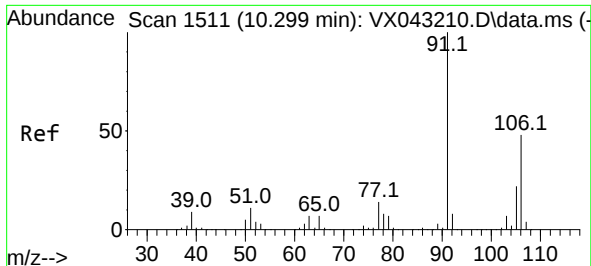
Tgt Ion: 95 Resp: 60760
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.0
176 69.4 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Tgt Ion: 117 Resp: 120662
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.6
119 33.2 25.3 37.9

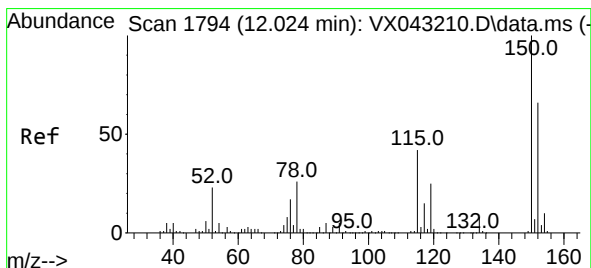
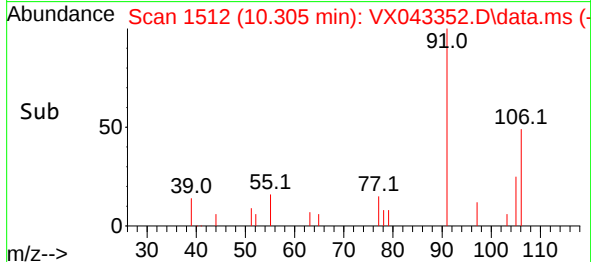
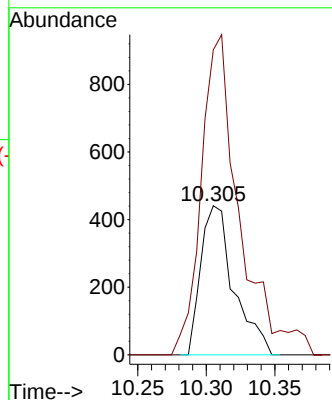
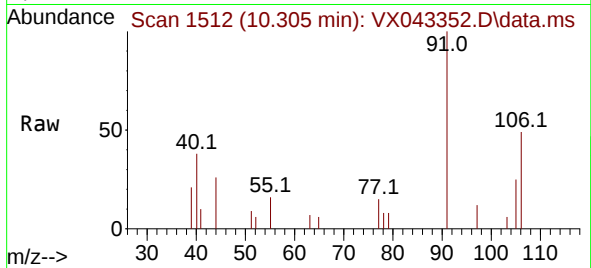




#68
m/p-Xylenes
Concen: 0.437 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

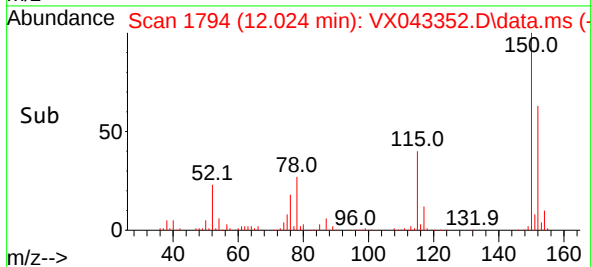
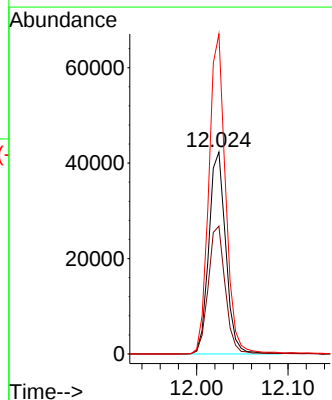
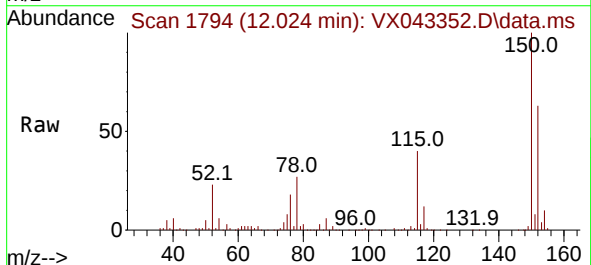
Instrument :
MSVOA_X
ClientSampleId :

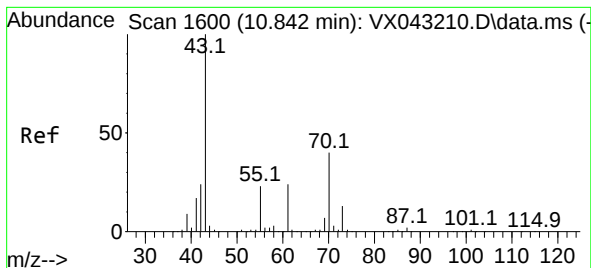
Tgt Ion:106 Resp: 740
Ion Ratio Lower Upper
106 100
91 248.0 167.0 250.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Tgt Ion:152 Resp: 54323
Ion Ratio Lower Upper
152 100
115 64.0 44.1 132.3
150 156.2 0.0 347.4





#74

N-amy1 acetate

Concen: 0.231 ug/l

RT: 10.866 min Scan# 1

Delta R.T. 0.024 min

Lab File: VX043352.D

Acq: 10 Oct 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 463

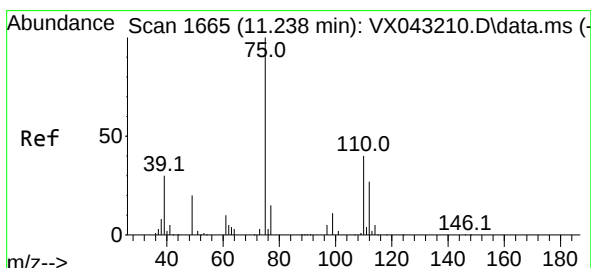
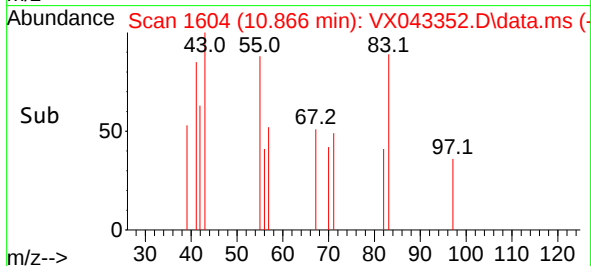
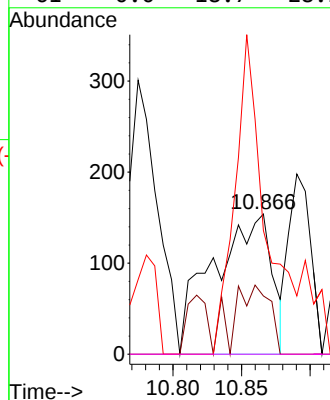
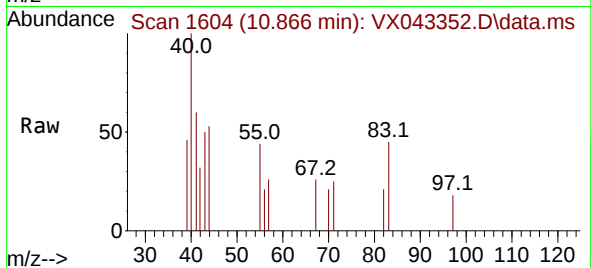
Ion Ratio Lower Upper

43 100

70 30.7 33.1 49.7#

55 119.2 18.6 27.8#

61 0.0 18.7 28.1#



#76

1,2,3-Trichloropropane

Concen: 27.974 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043352.D

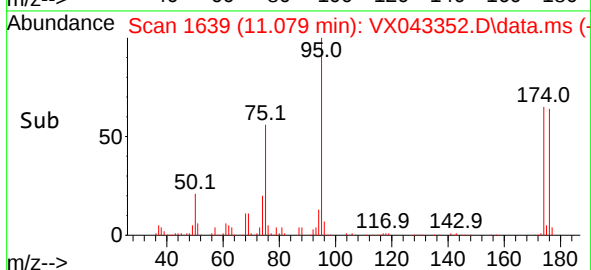
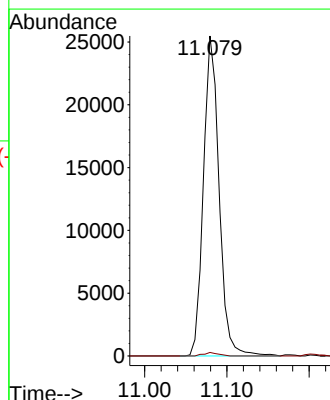
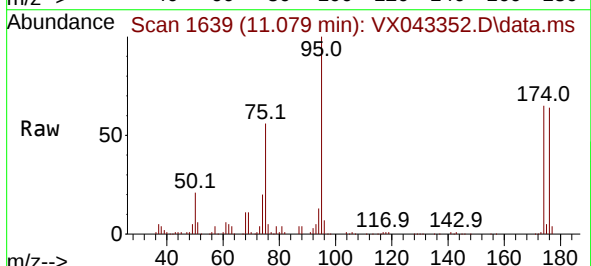
Acq: 10 Oct 2024 15:00

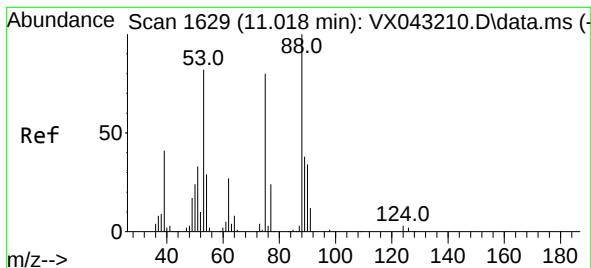
Tgt Ion: 75 Resp: 33707

Ion Ratio Lower Upper

75 100

77 1.0 22.0 66.0#

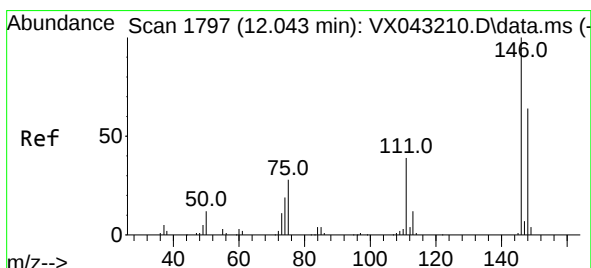
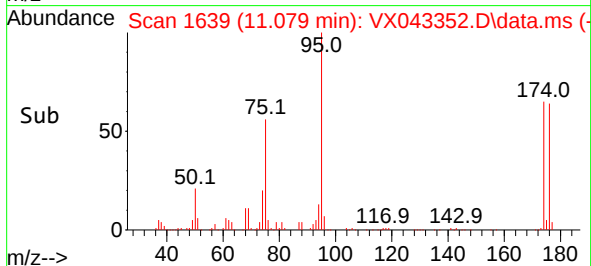
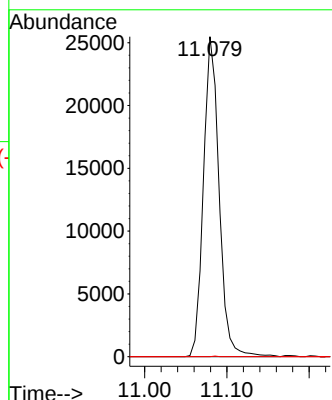
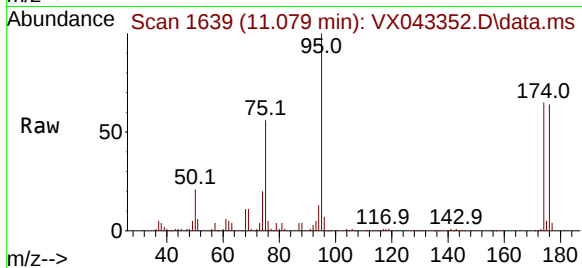




#81
trans-1,4-Dichloro-2-butene
Concen: 72.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

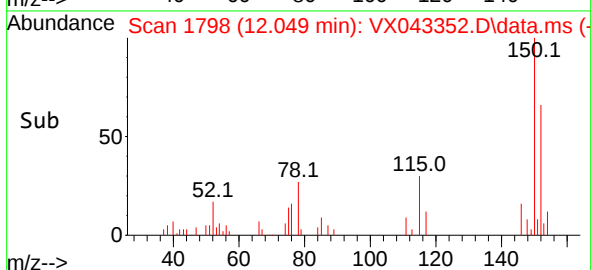
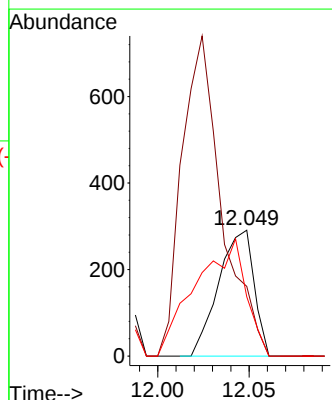
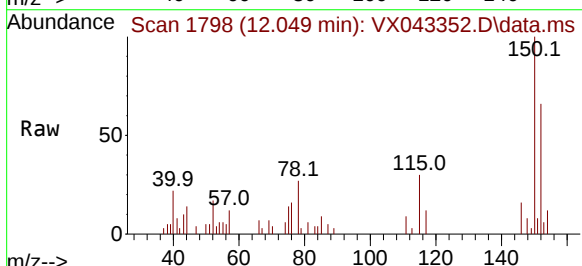
Instrument :
MSVOA_X
ClientSampleId :

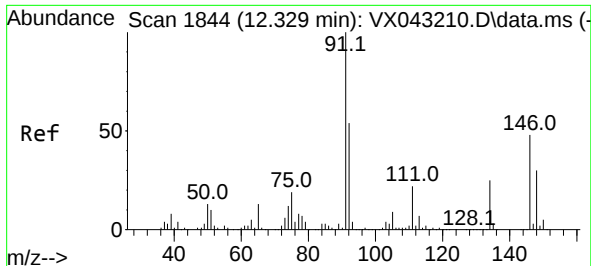
Tgt Ion: 75 Resp: 33707
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#



#88
1,4-Dichlorobenzene
Concen: 0.210 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX043352.D
Acq: 10 Oct 2024 15:00

Tgt Ion:146 Resp: 392
Ion Ratio Lower Upper
146 100
111 0.0 20.8 62.5#
148 131.9 32.4 97.0#





#89

n-Butylbenzene

Concen: 0.212 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043352.D

Acq: 10 Oct 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

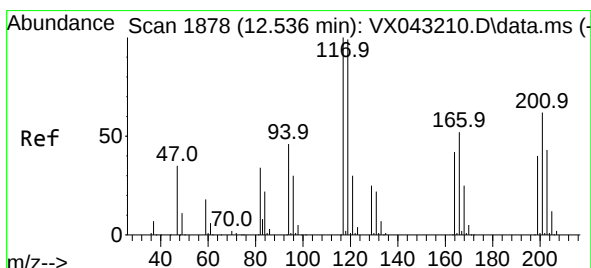
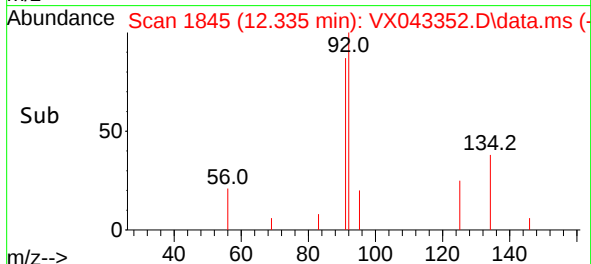
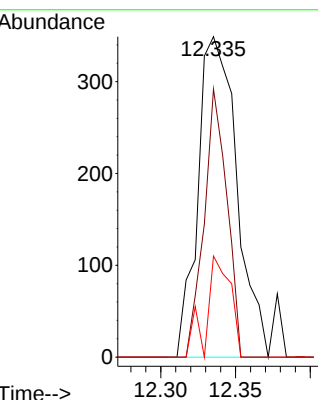
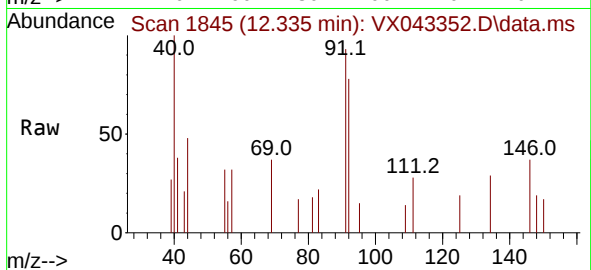
Tgt Ion: 91 Resp: 631

Ion Ratio Lower Upper

91 100

92 49.1 27.0 81.0

134 19.5 12.9 38.6



#90

Hexachloroethane

Concen: 0.333 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.165 min

Lab File: VX043352.D

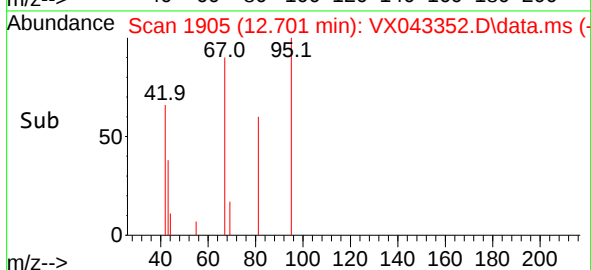
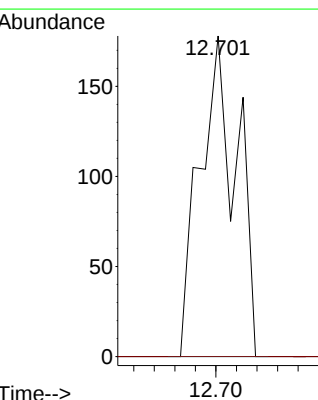
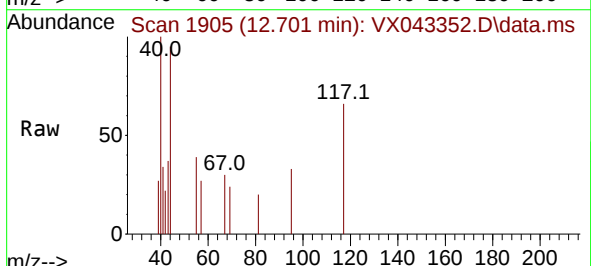
Acq: 10 Oct 2024 15:00

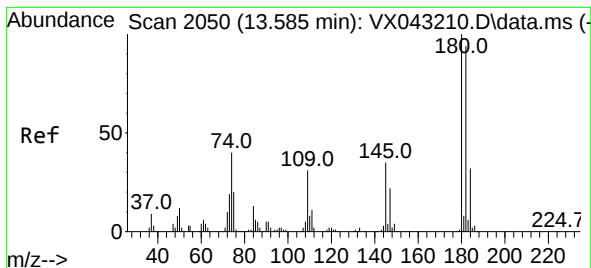
Tgt Ion: 117 Resp: 222

Ion Ratio Lower Upper

117 100

201 0.0 34.0 101.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.468 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX043352.D

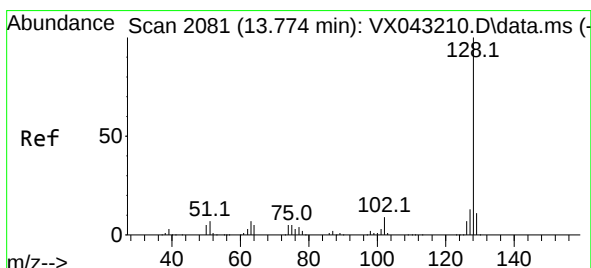
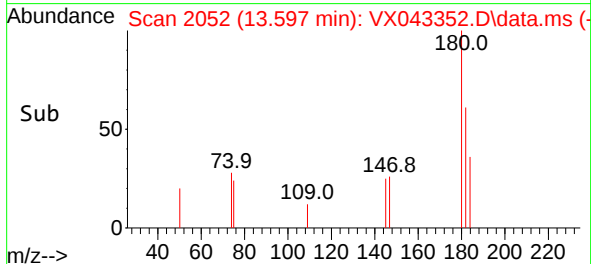
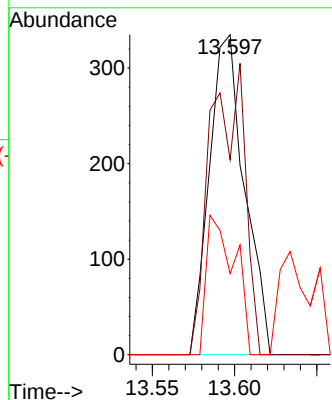
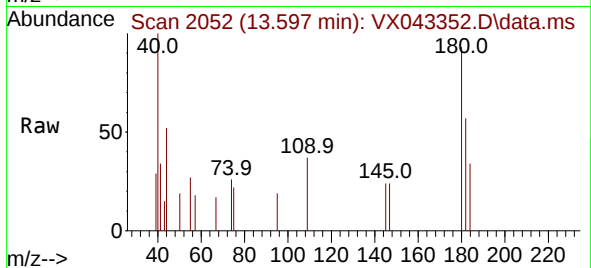
Acq: 10 Oct 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	500
Ion Ratio	Lower	Upper
180	100	
182	88.6	47.1 141.3
145	34.8	16.6 49.8



#95

Naphthalene

Concen: 0.951 ug/l

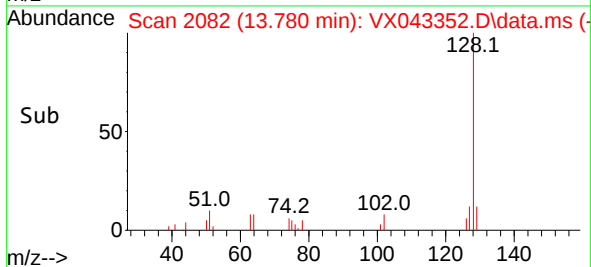
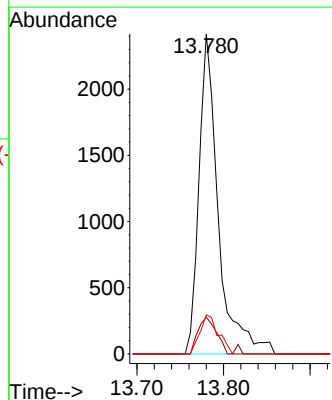
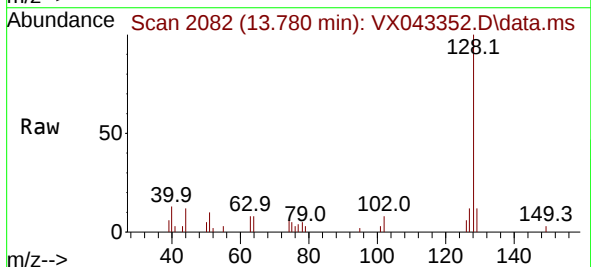
RT: 13.780 min Scan# 2082

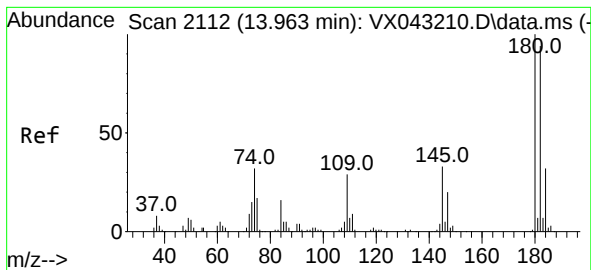
Delta R.T. 0.006 min

Lab File: VX043352.D

Acq: 10 Oct 2024 15:00

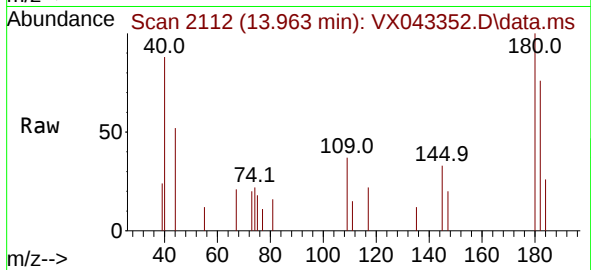
Tgt Ion:128	Resp:	3733
Ion Ratio	Lower	Upper
128	100	
127	10.9	10.2 15.2
129	11.6	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.530 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX043352.D
 Acq: 10 Oct 2024 15:00

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	584
Ion	Ratio	Lower	Upper
180	100		
182	87.2	46.5	139.3
145	39.0	17.2	51.6

