

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044253.D
 Acq On : 12 Dec 2024 15:32
 Operator : JC/MD
 Sample : P5261-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 01:42:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	107170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95097	50.609	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	101.220%	
35) Dibromofluoromethane	5.379	113	67064	47.363	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	94.720%	
50) Toluene-d8	8.647	98	250169	52.369	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	104.740%	
62) 4-Bromofluorobenzene	11.079	95	83885	50.254	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	100.500%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	87	0.055	ug/l #	42
4) Vinyl Chloride	1.599	62	42	0.025	ug/l #	1
5) Bromomethane	1.593	94	197	0.168	ug/l #	58
6) Chloroethane	1.679	64	66	0.064	ug/l #	52
8) Diethyl Ether	1.904	74	57	0.052	ug/l #	1
11) Tert butyl alcohol	2.941	59	6217	23.476	ug/l #	71
12) 1,1-Dichloroethene	2.038	96	21	0.017	ug/l #	1
13) Acrolein	2.075	56	42	0.110	ug/l	96
14) Allyl chloride	2.660	41	77	0.038	ug/l #	1
15) Acrylonitrile	2.941	53	21	0.029	ug/l #	17
16) Acetone	2.380	43	718	0.937	ug/l	96
17) Carbon Disulfide	2.514	76	143	0.063	ug/l #	75
18) Methyl Acetate	2.703	43	226	0.114	ug/l #	54
19) Methyl tert-butyl Ether	2.959	73	315	0.067	ug/l #	56
20) Methylene Chloride	2.770	84	102	0.071	ug/l #	10
23) Vinyl Acetate	3.666	43	24	0.007	ug/l #	73
25) 2-Butanone	4.587	43	25	0.023	ug/l #	50
26) 2,2-Dichloropropane	4.617	77	33	0.016	ug/l #	55
29) Tetrahydrofuran	5.093	42	57	0.082	ug/l #	32
31) Cyclohexane	5.550	56	3112	1.534	ug/l #	36
32) 1,1,1-Trichloroethane	5.519	97	25	0.011	ug/l #	24
36) 1,1-Dichloropropene	5.538	75	10173	5.558	ug/l #	50
37) Ethyl Acetate	4.757	43	20	0.009	ug/l #	71
38) Carbon Tetrachloride	5.544	117	12734	6.462	ug/l #	16
40) Benzene	6.038	78	51	0.009	ug/l #	51
41) Methacrylonitrile	4.898	41	157	0.131	ug/l #	1
42) 1,2-Dichloroethane	6.086	62	20	0.009	ug/l #	78
43) Isopropyl Acetate	6.361	43	22	0.006	ug/l #	63
44) Trichloroethene	7.135	130	6272	4.526	ug/l	82
48) Methyl methacrylate	7.708	41	127	0.074	ug/l #	18
51) 4-Methyl-2-Pentanone	8.641	43	1402	0.617	ug/l #	1
52) Toluene	8.726	92	590	0.169	ug/l	96
53) t-1,3-Dichloropropene	9.007	75	50	1.021	ug/l #	41
57) 1,3-Dichloropropane	9.183	76	50	0.021	ug/l #	42
59) 2-Hexanone	9.238	43	48	0.029	ug/l #	26
65) Chlorobenzene	10.080	112	20	0.005	ug/l #	43

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
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Instrument :
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Quant Time: Dec 13 01:42:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

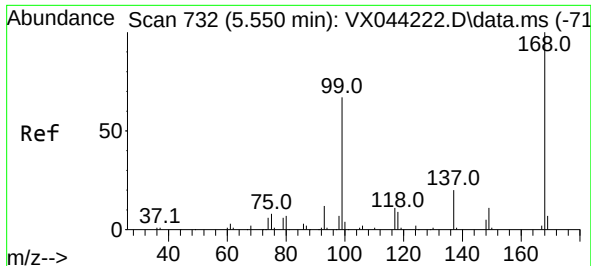
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	10.208	91	646	0.097	ug/l	93
68) m/p-Xylenes	10.305	106	881	0.362	ug/l	88
69) o-Xylene	10.659	106	376	0.153	ug/l	91
70) Styrene	10.683	104	70	0.018	ug/l #	48
73) Isopropylbenzene	10.970	105	42	0.008	ug/l #	49
74) N-amyl acetate	11.073	43	110	0.043	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	27	0.014	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47394	29.061	ug/l #	35
77) Bromobenzene	11.207	156	24	0.018	ug/l #	33
78) n-propylbenzene	11.305	91	65	0.011	ug/l #	56
79) 2-Chlorotoluene	11.384	91	62	0.016	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	194	0.042	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	47394	79.563	ug/l #	4
82) 4-Chlorotoluene	11.470	91	66	0.015	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.756	105	437	0.096	ug/l	72
85) sec-Butylbenzene	11.756	105	437	0.079	ug/l #	57
86) p-Isopropyltoluene	12.012	119	105	0.023	ug/l #	1
87) 1,3-Dichlorobenzene	11.976	146	44	0.019	ug/l #	24
88) 1,4-Dichlorobenzene	12.037	146	40	0.016	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	12.872	75	19	0.050	ug/l #	6
95) Naphthalene	13.798	128	201	0.038	ug/l #	85

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

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Response via : Initial Calibration



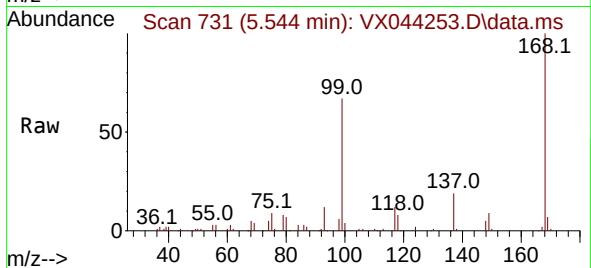


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

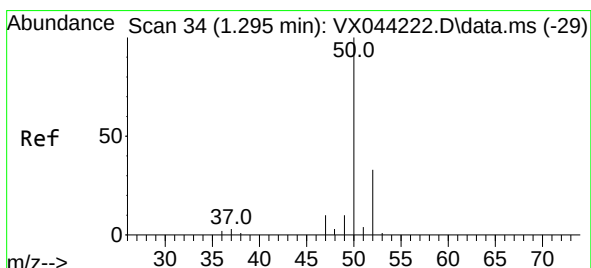
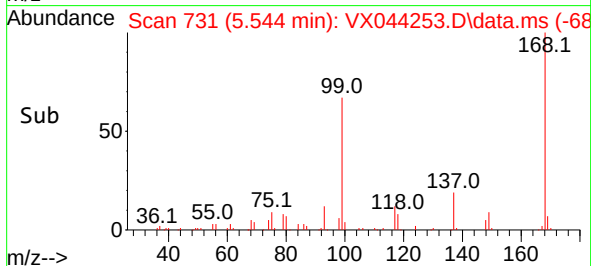
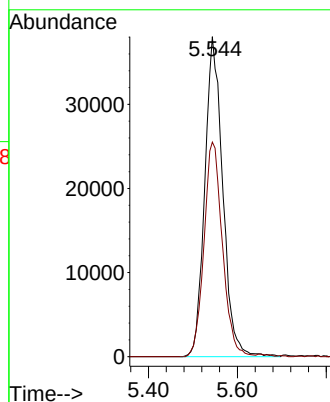
Instrument :

MSVOA_X

ClientSampleId :

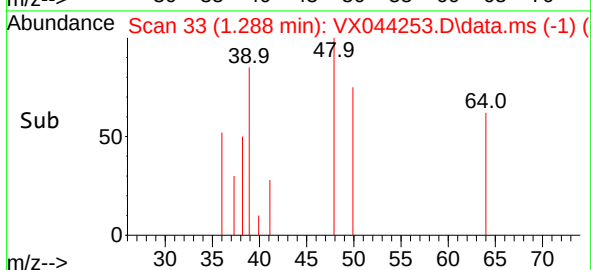
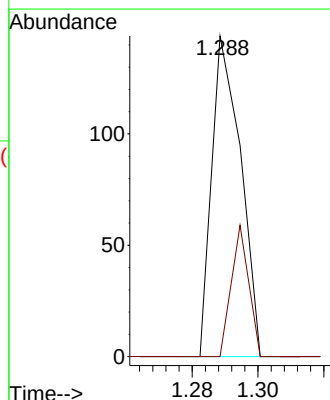
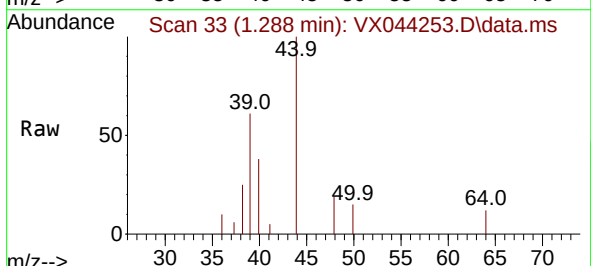


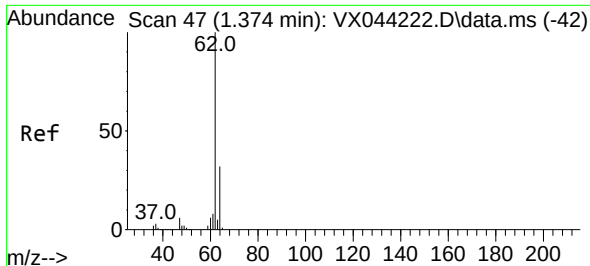
Tgt Ion:168 Resp: 107170
Ion Ratio Lower Upper
168 100
99 67.1 53.4 80.0



#3
Chloromethane
Concen: 0.055 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 50 Resp: 87
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

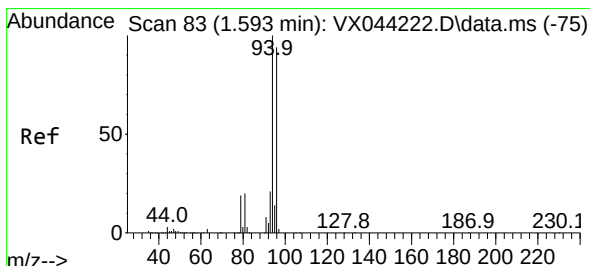
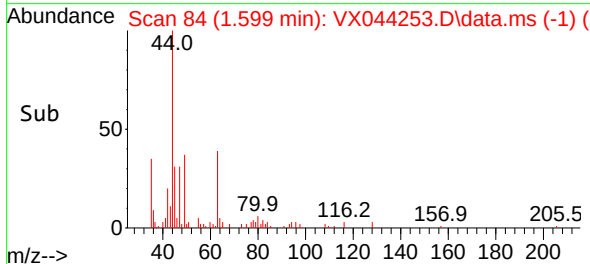
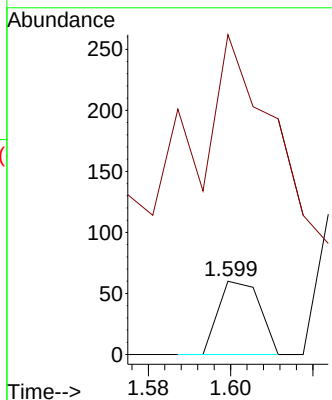
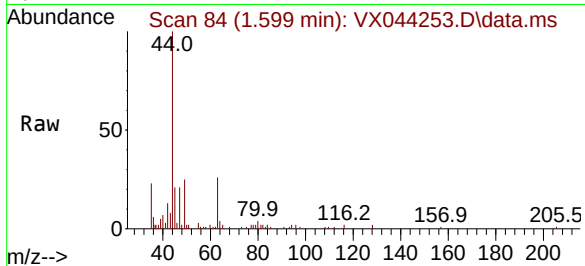




#4
 Vinyl Chloride
 Concen: 0.025 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.226 min
 Lab File: VX044253.D
 Acq: 12 Dec 2024 15:32

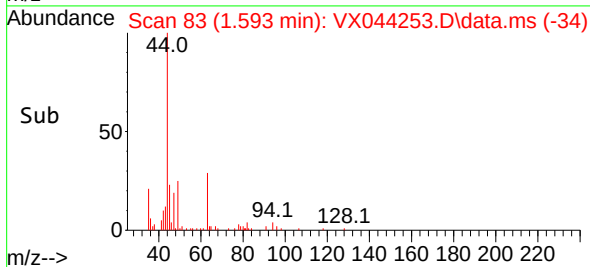
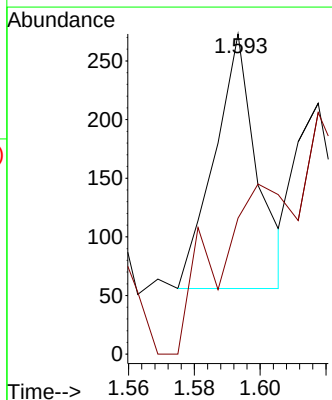
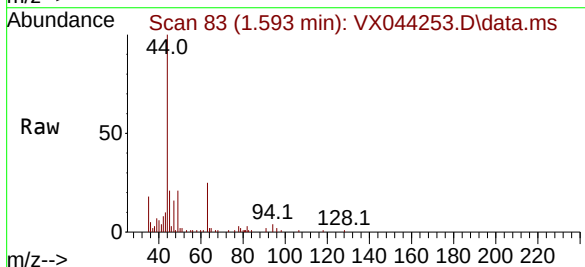
Instrument :
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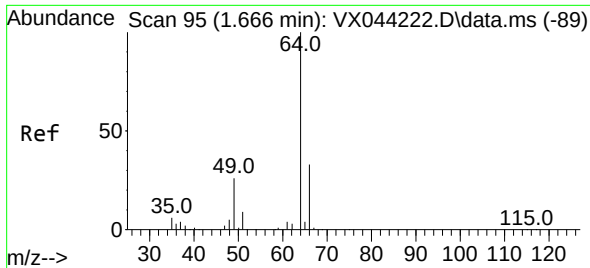
Tgt Ion: 62 Resp: 42
 Ion Ratio Lower Upper
 62 100
 64 115.0 25.7 38.5#



#5
 Bromomethane
 Concen: 0.168 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044253.D
 Acq: 12 Dec 2024 15:32

Tgt Ion: 94 Resp: 197
 Ion Ratio Lower Upper
 94 100
 96 53.5 74.9 112.3#

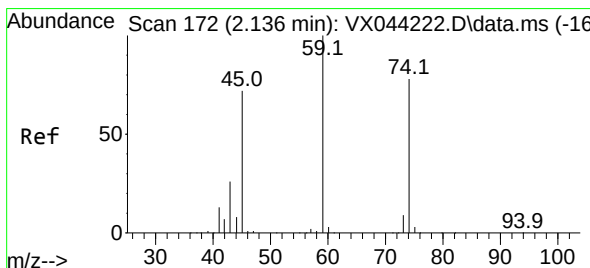
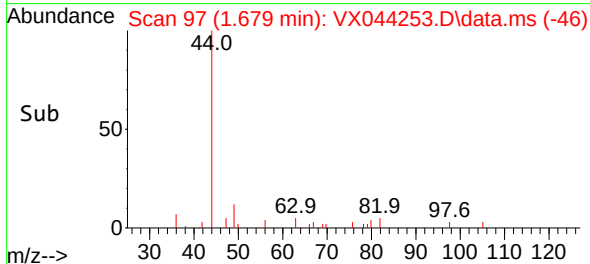
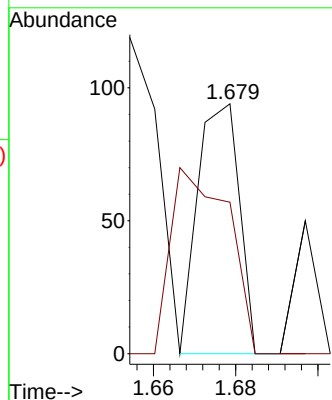
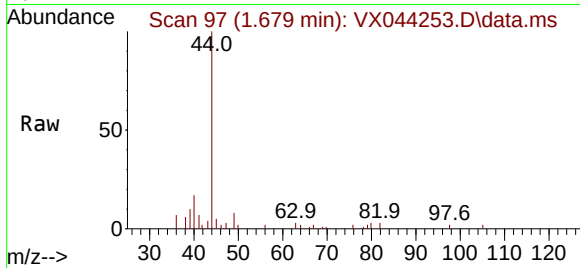




#6
Chloroethane
Concen: 0.064 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

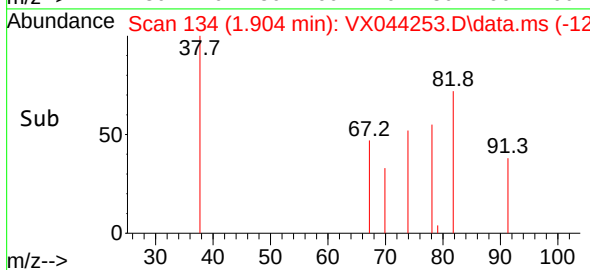
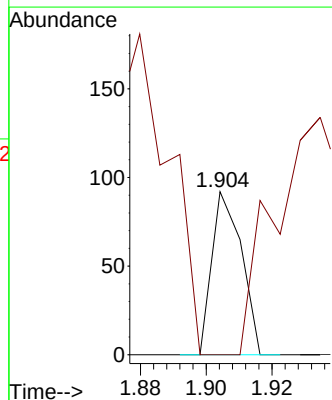
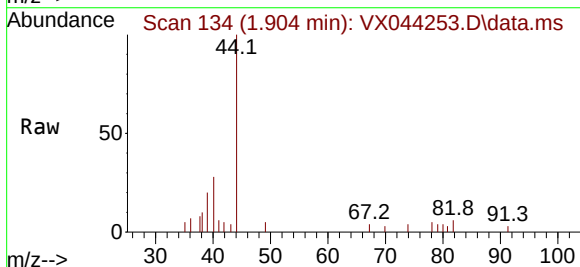
Instrument :
MSVOA_X
ClientSampleId :

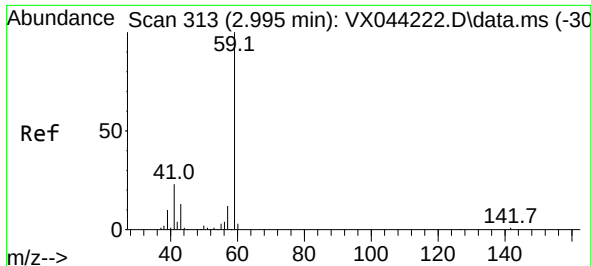
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 60.6 26.6 39.8#



#8
Diethyl Ether
Concen: 0.052 ug/l
RT: 1.904 min Scan# 134
Delta R.T. -0.232 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 74 Resp: 57
Ion Ratio Lower Upper
74 100
45 0.0 48.4 145.0#

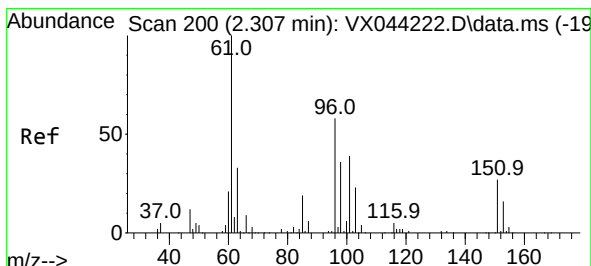
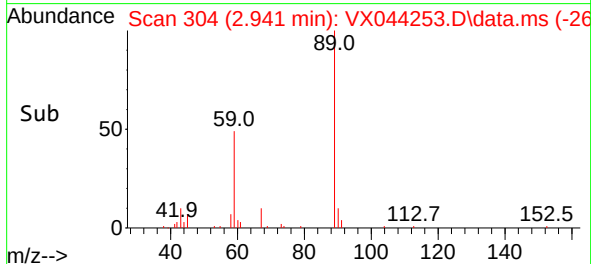
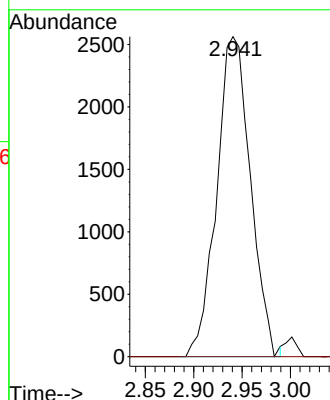
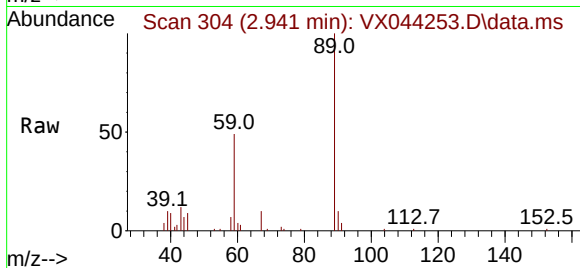




#11
Tert butyl alcohol
Concen: 23.476 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

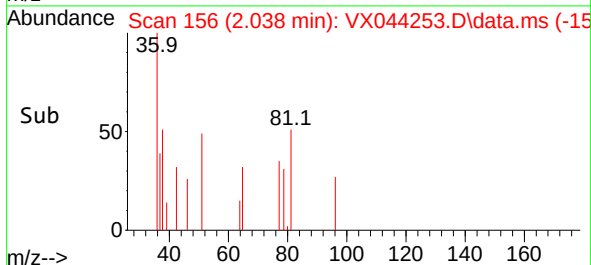
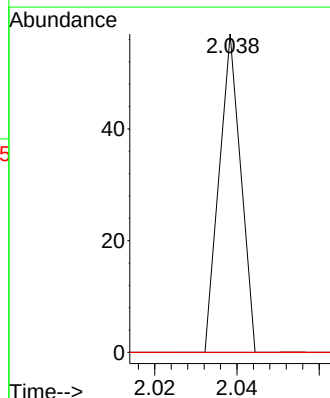
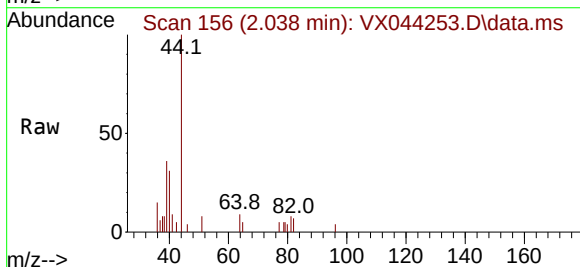
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MSVOA_X
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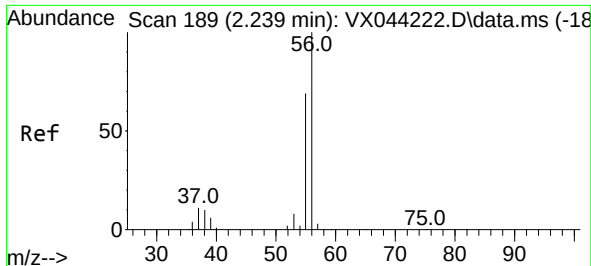
Tgt Ion: 59 Resp: 6217
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.017 ug/l
RT: 2.038 min Scan# 156
Delta R.T. -0.268 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

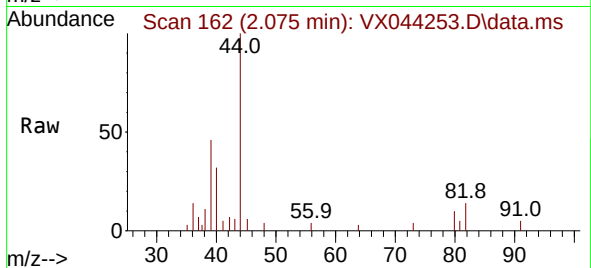
Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 0.0 138.0 207.0#
98 0.0 50.0 75.0#



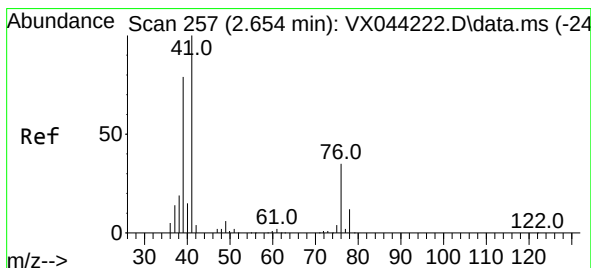
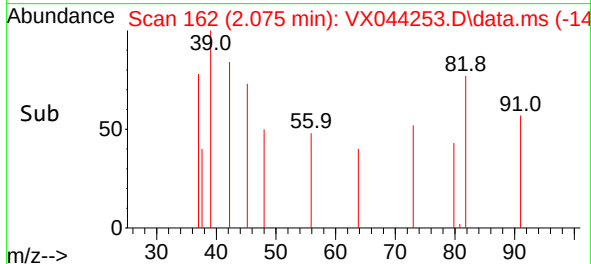
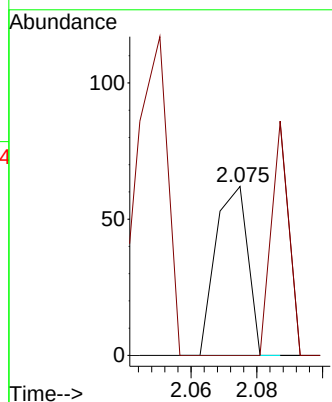


#13
Acrolein
Concen: 0.110 ug/l
RT: 2.075 min Scan# 11
Delta R.T. -0.165 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

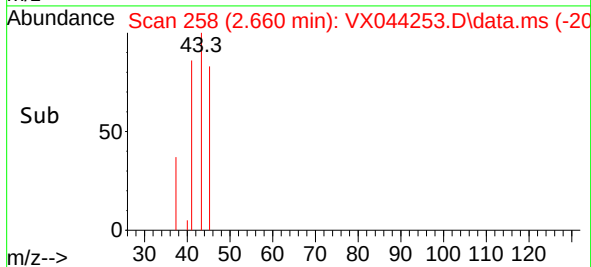
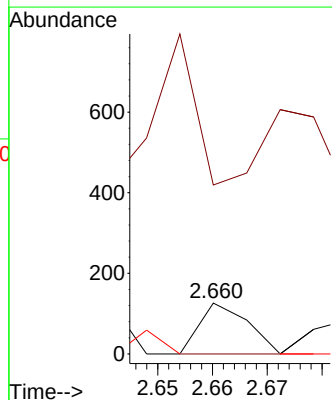
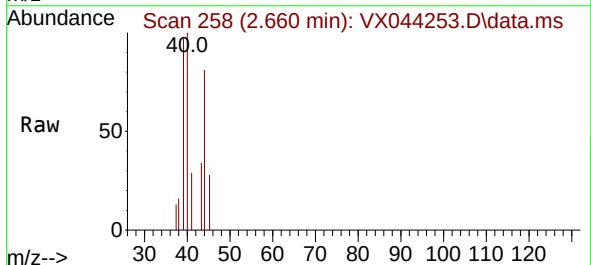


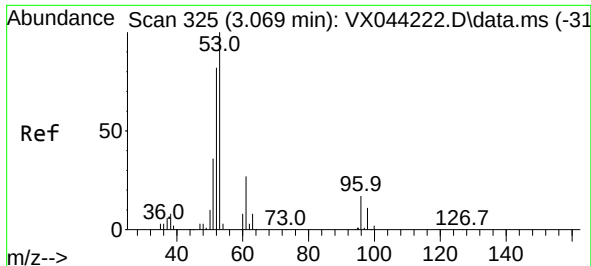
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 73.8 56.6 84.8



#14
Allyl chloride
Concen: 0.038 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 41 Resp: 77
Ion Ratio Lower Upper
41 100
39 210.4 61.9 92.9#
76 28.6 27.4 41.2





#15

Acrylonitrile

Concen: 0.029 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.128 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

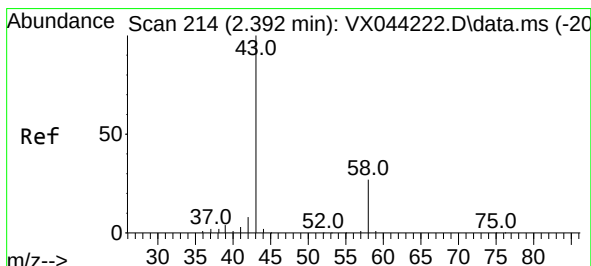
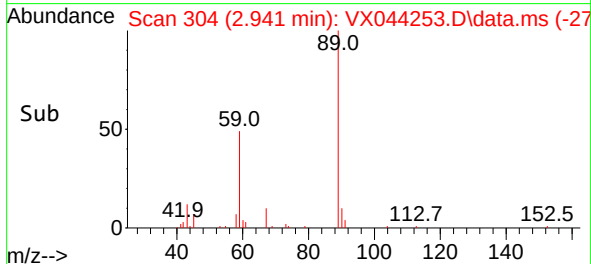
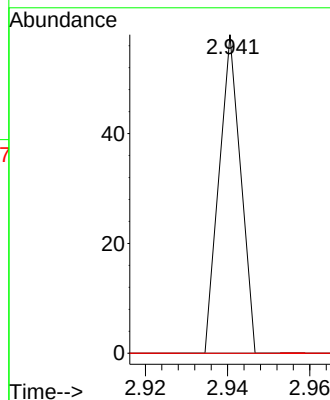
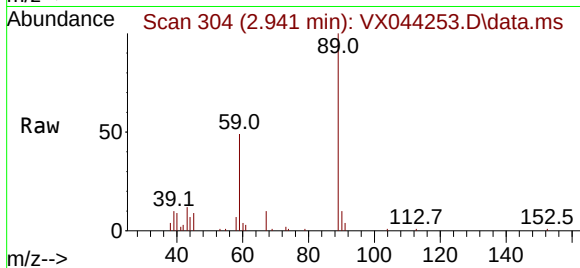
Tgt Ion: 53 Resp: 21

Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

51 0.0 30.3 45.5#



#16

Acetone

Concen: 0.937 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044253.D

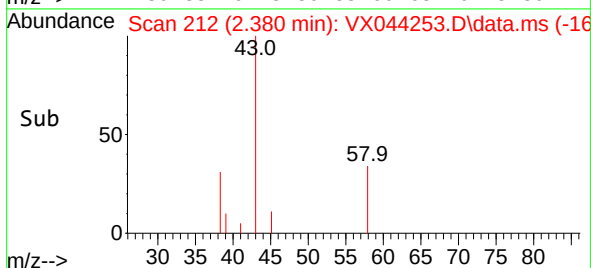
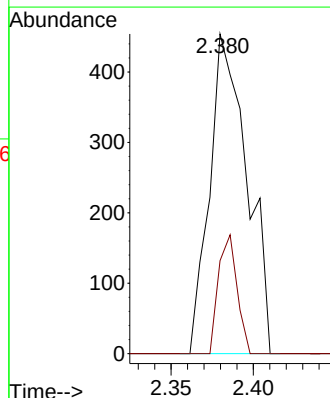
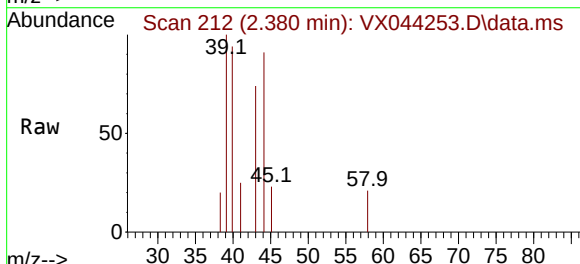
Acq: 12 Dec 2024 15:32

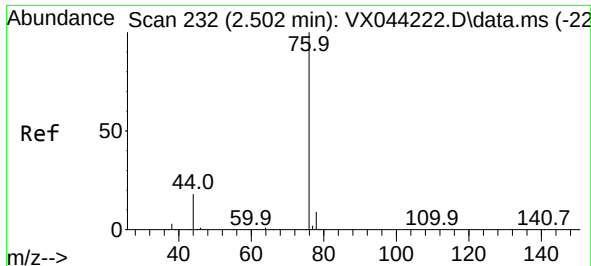
Tgt Ion: 43 Resp: 718

Ion Ratio Lower Upper

43 100

58 29.1 21.6 32.4





#17

Carbon Disulfide

Concen: 0.063 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

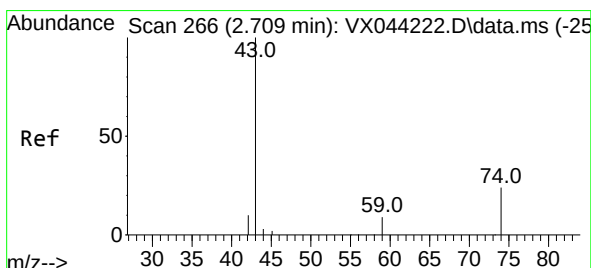
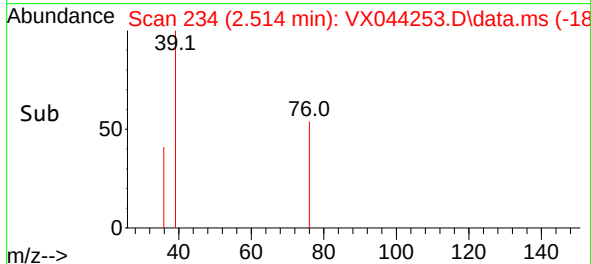
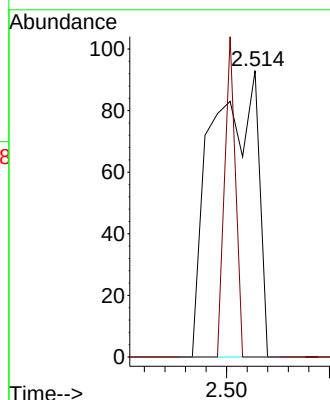
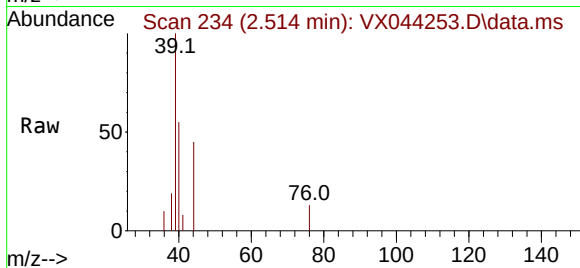
ClientSampleId :

Tgt Ion: 76 Resp: 143

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#18

Methyl Acetate

Concen: 0.114 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX044253.D

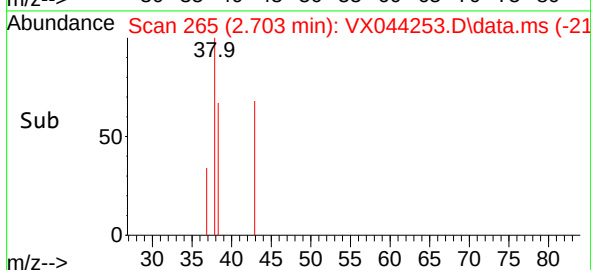
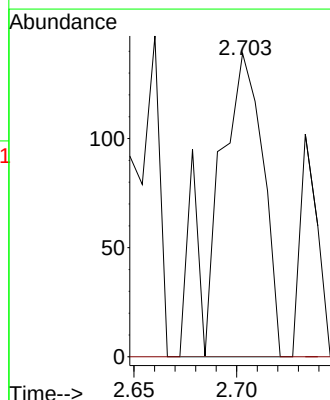
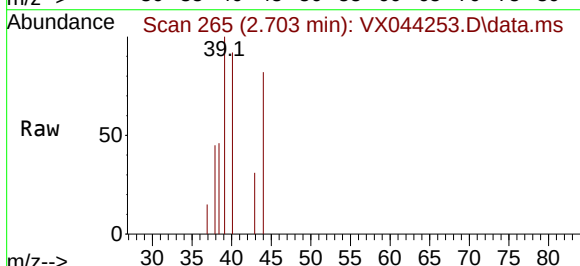
Acq: 12 Dec 2024 15:32

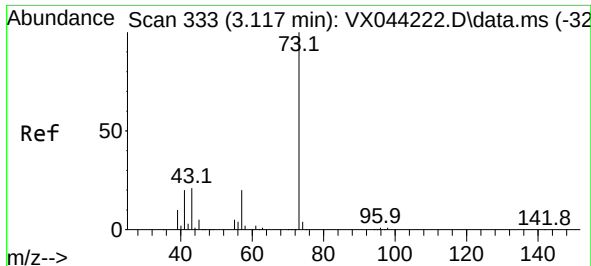
Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

74 0.0 17.7 26.5#





#19

Methyl tert-butyl Ether

Concen: 0.067 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.158 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

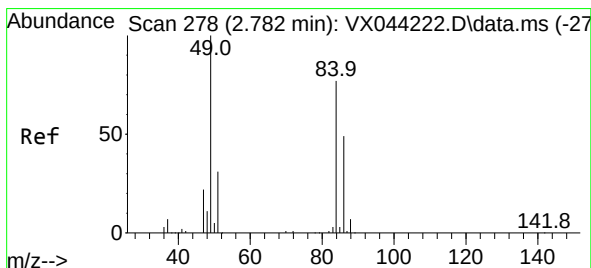
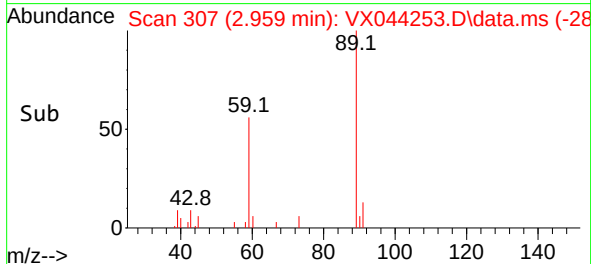
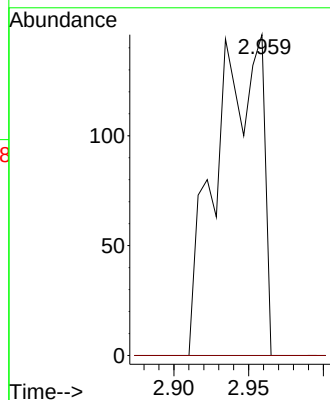
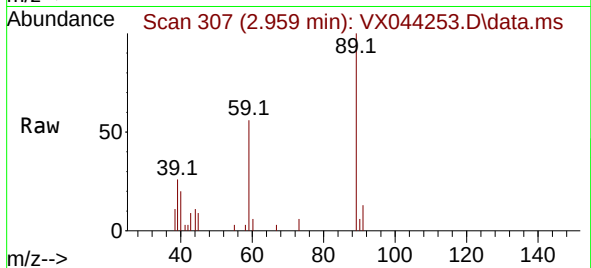
ClientSampleId :

Tgt Ion: 73 Resp: 315

Ion Ratio Lower Upper

73 100

57 0.0 16.2 24.4#



#20

Methylene Chloride

Concen: 0.071 ug/l

RT: 2.770 min Scan# 276

Delta R.T. -0.012 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Tgt Ion: 84 Resp: 102

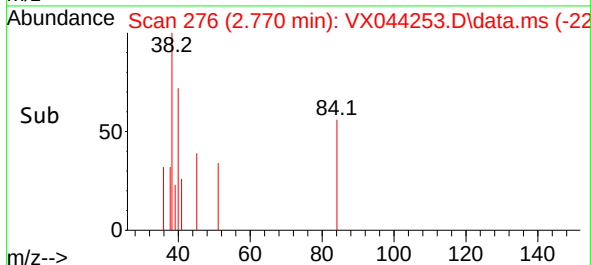
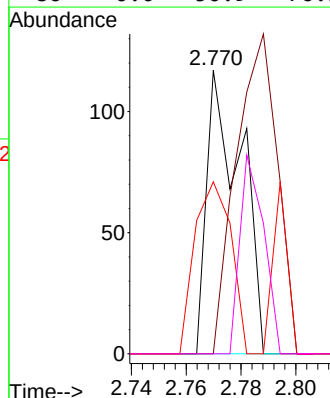
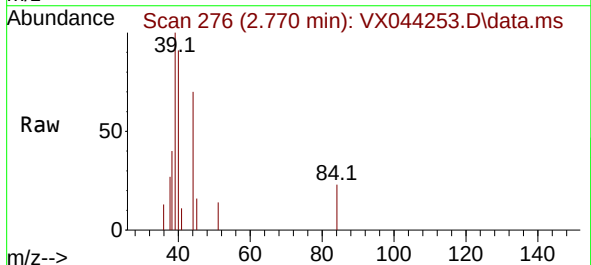
Ion Ratio Lower Upper

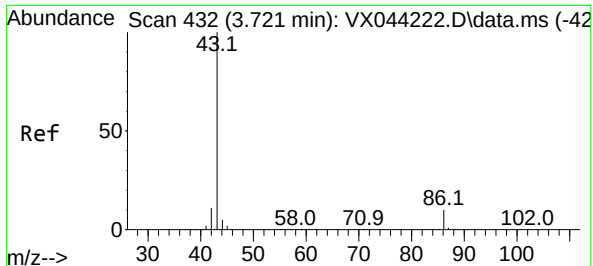
84 100

49 0.0 104.2 156.4#

51 60.7 32.2 48.4#

86 0.0 50.9 76.3#

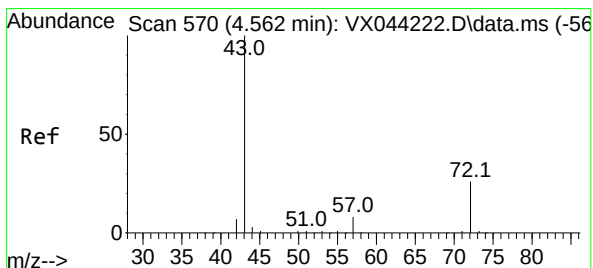
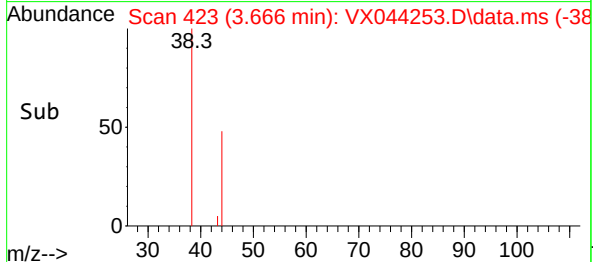
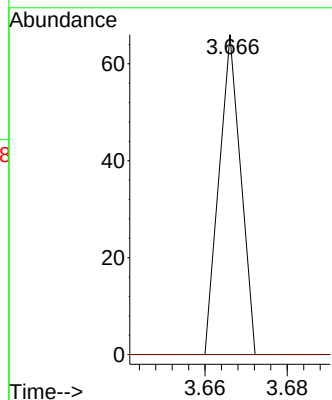
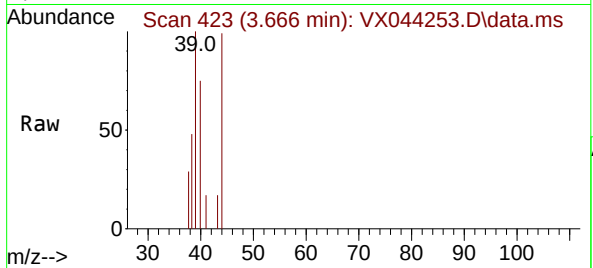




#23
 Vinyl Acetate
 Concen: 0.007 ug/l
 RT: 3.666 min Scan# 41
 Delta R.T. -0.055 min
 Lab File: VX044253.D
 Acq: 12 Dec 2024 15:32

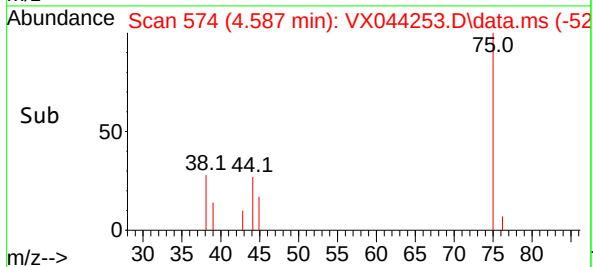
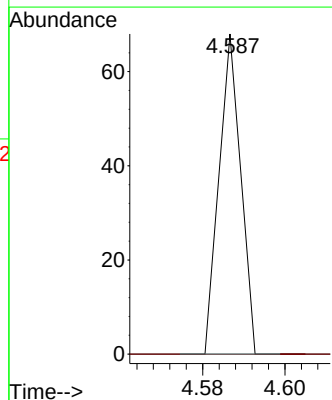
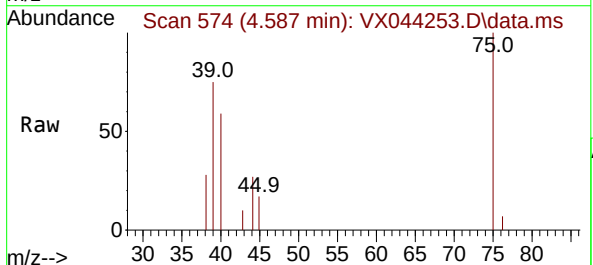
Instrument :
 MSVOA_X
 ClientSampleId :

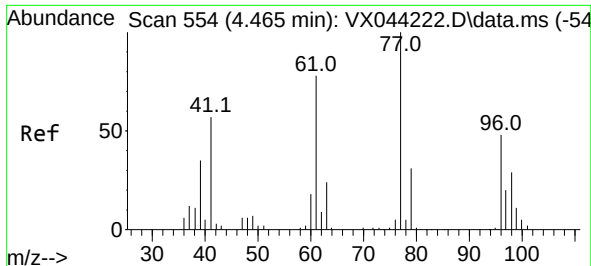
Tgt Ion: 43 Resp: 24
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#25
 2-Butanone
 Concen: 0.023 ug/l
 RT: 4.587 min Scan# 574
 Delta R.T. 0.024 min
 Lab File: VX044253.D
 Acq: 12 Dec 2024 15:32

Tgt Ion: 43 Resp: 25
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.2 30.4#





#26

2,2-Dichloropropane

Concen: 0.016 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.152 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

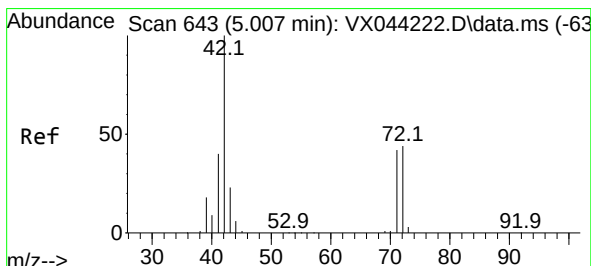
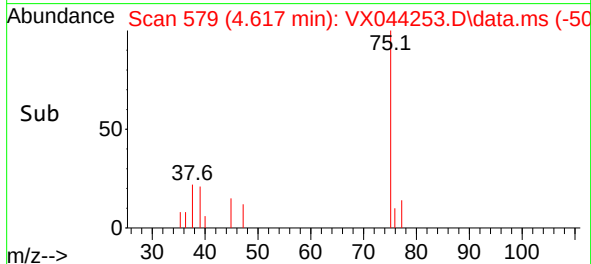
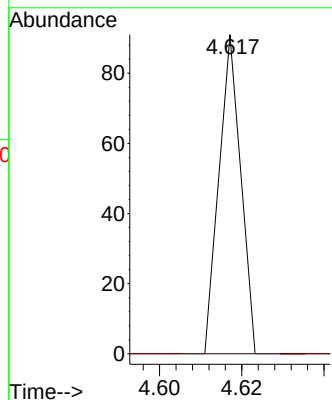
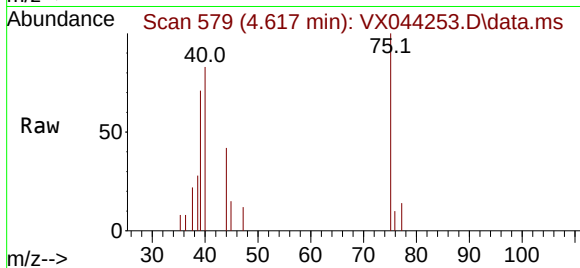
ClientSampleId :

Tgt Ion: 77 Resp: 33

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#



#29

Tetrahydrofuran

Concen: 0.082 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.085 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

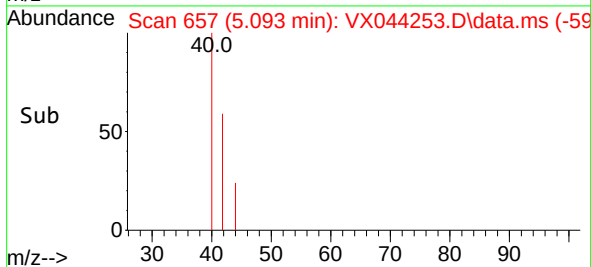
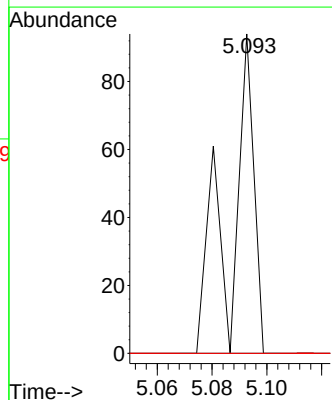
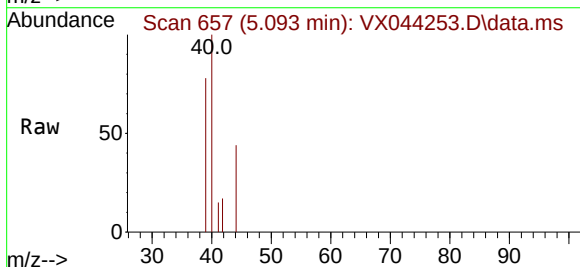
Tgt Ion: 42 Resp: 57

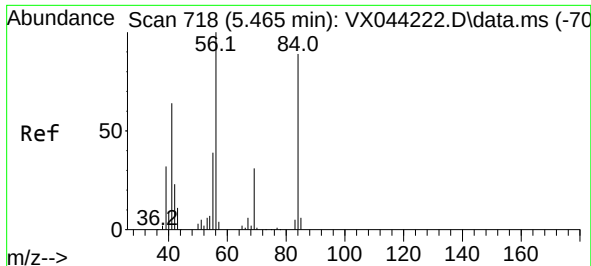
Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

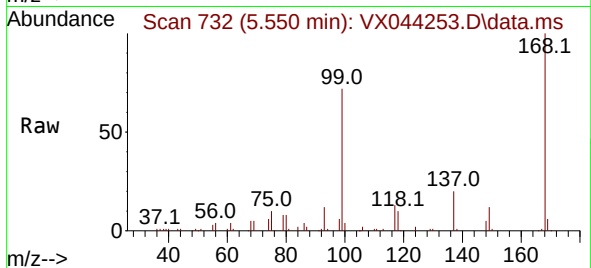
71 0.0 33.6 50.4#



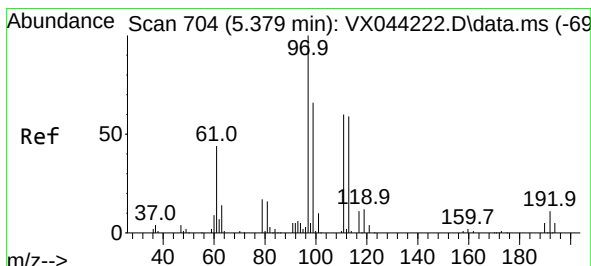
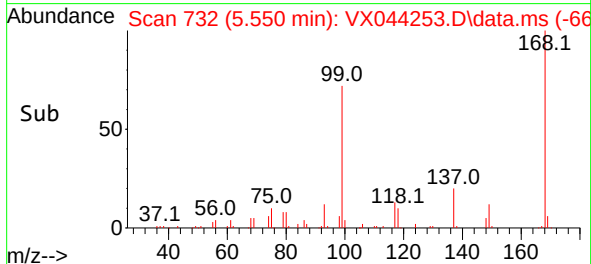
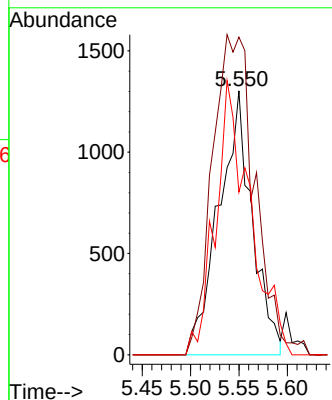


#31
Cyclohexane
Concen: 1.534 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

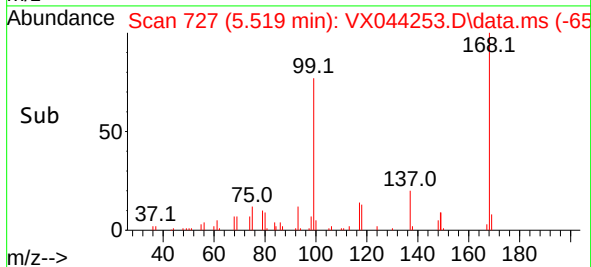
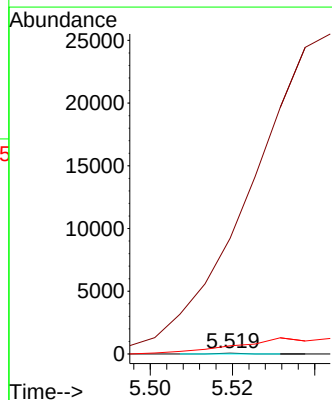
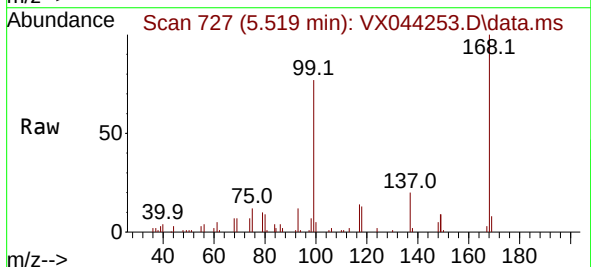


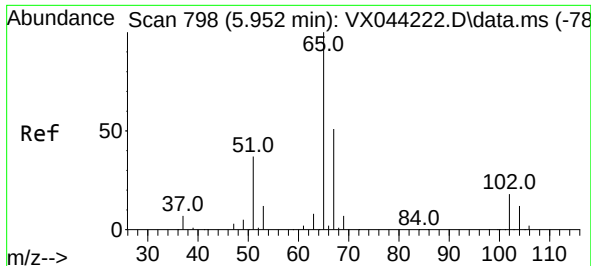
Tgt Ion: 56 Resp: 3112
Ion Ratio Lower Upper
56 100
69 120.3 24.7 37.1#
84 61.6 71.0 106.6#



#32
1,1,1-Trichloroethane
Concen: 0.011 ug/l
RT: 5.519 min Scan# 727
Delta R.T. 0.140 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 97 Resp: 25
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 35.2 52.8#





#33

1,2-Dichloroethane-d4

Concen: 50.609 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

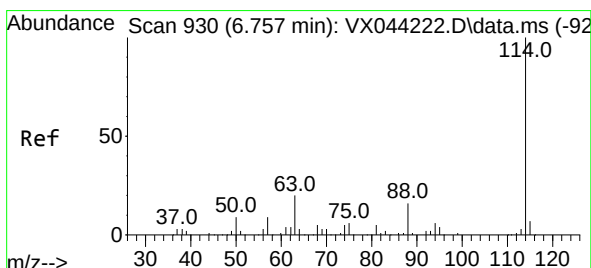
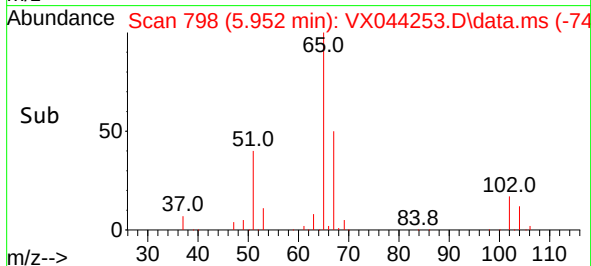
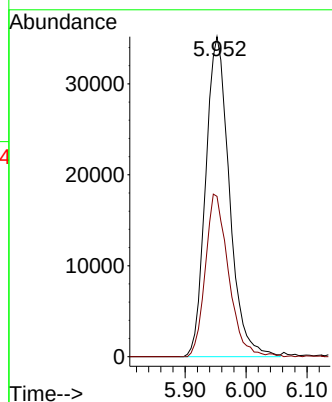
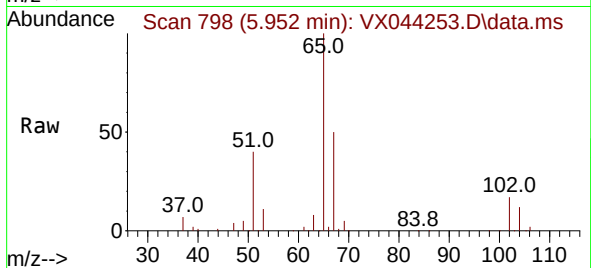
ClientSampleId :

Tgt Ion: 65 Resp: 95097

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

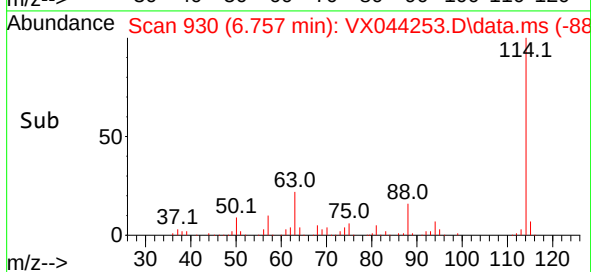
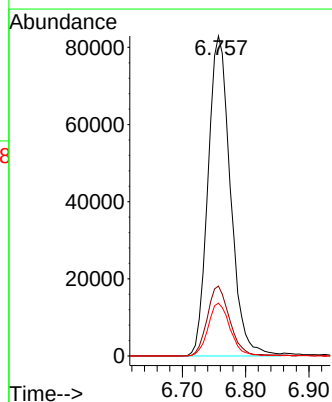
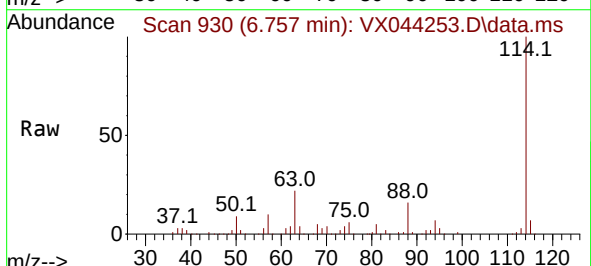
Tgt Ion: 114 Resp: 204445

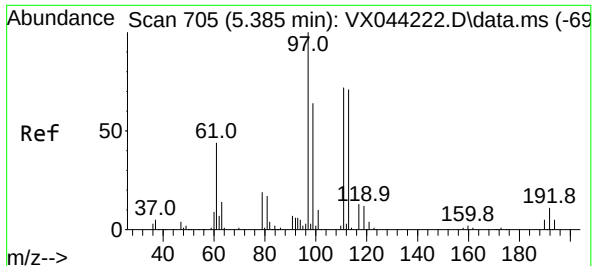
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.6

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.363 ug/l

RT: 5.379 min Scan# 70

Delta R.T. -0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

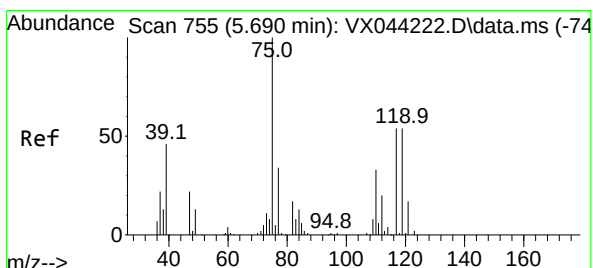
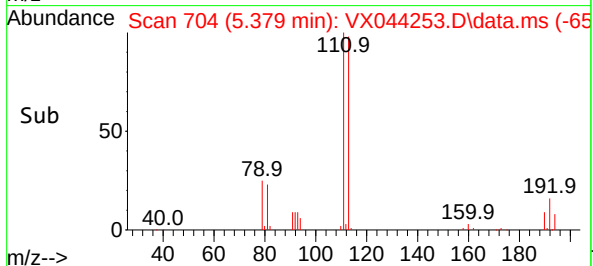
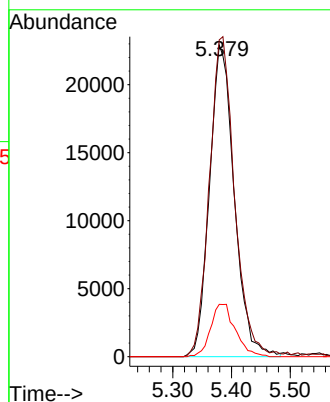
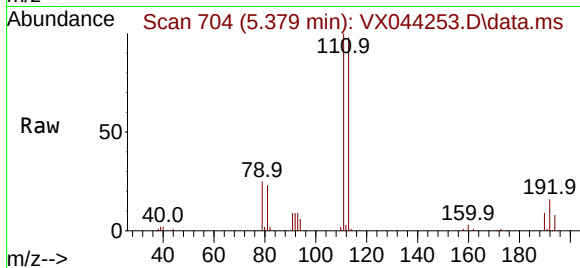
Tgt Ion:113 Resp: 67064

Ion Ratio Lower Upper

113 100

111 104.3 80.4 120.6

192 16.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.558 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

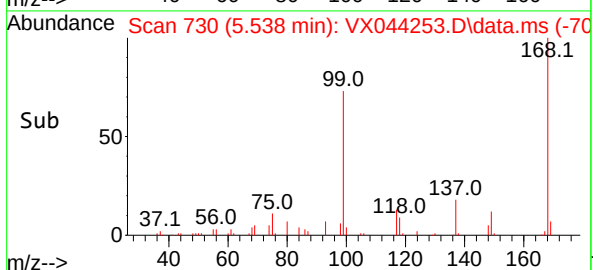
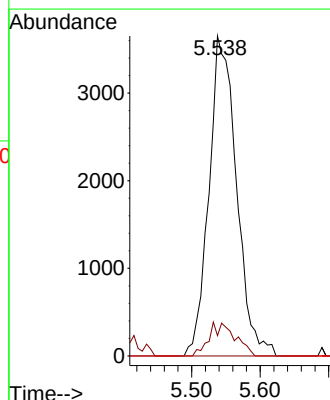
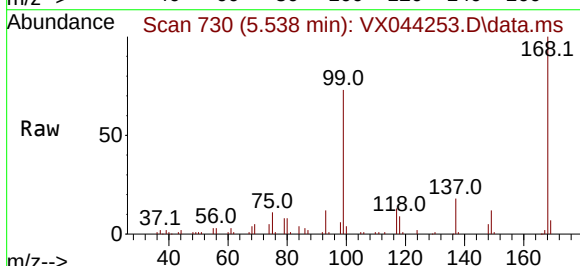
Tgt Ion: 75 Resp: 10173

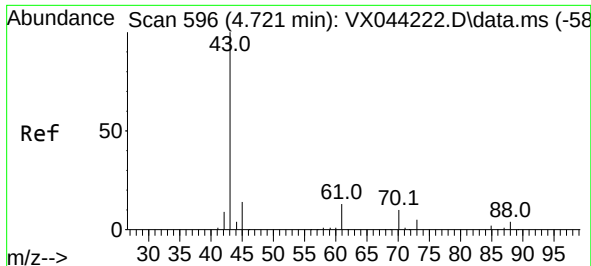
Ion Ratio Lower Upper

75 100

110 9.9 17.3 51.7#

77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 0.009 ug/l

RT: 4.757 min Scan# 602

Delta R.T. 0.037 min

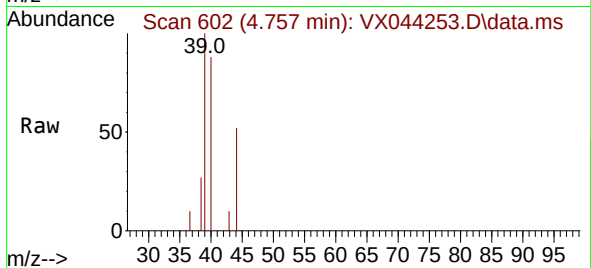
Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

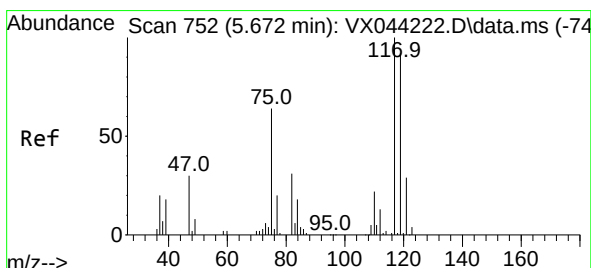
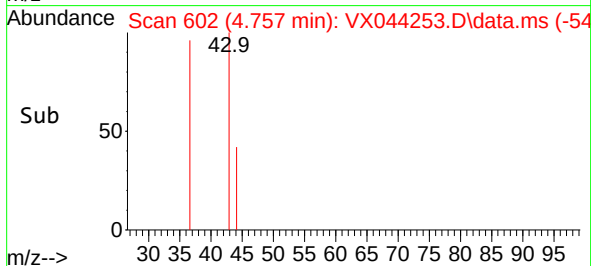
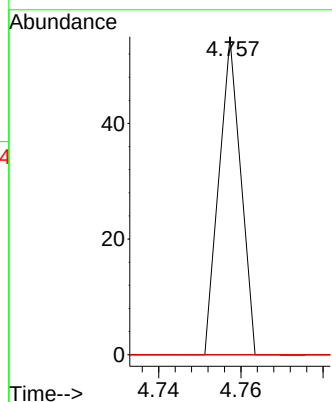
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	20
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	7.7	11.5#



#38

Carbon Tetrachloride

Concen: 6.462 ug/l

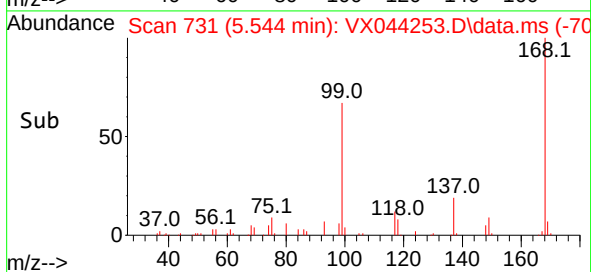
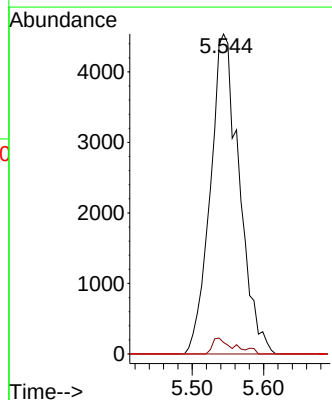
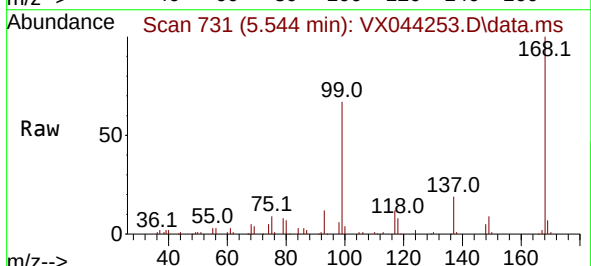
RT: 5.544 min Scan# 731

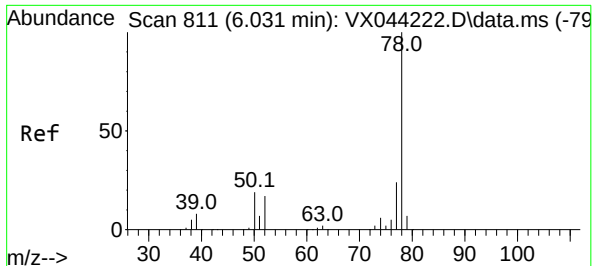
Delta R.T. -0.128 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Tgt Ion:	117	Resp:	12734
Ion	Ratio	Lower	Upper
117	100		
119	3.6	74.2	111.4#
121	0.0	23.0	34.6#

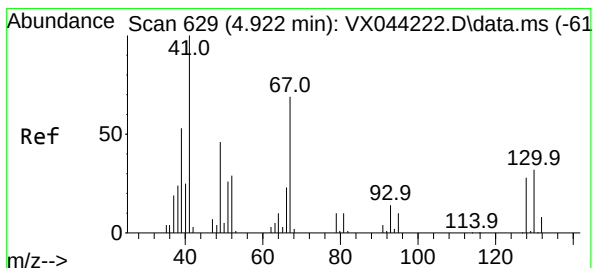
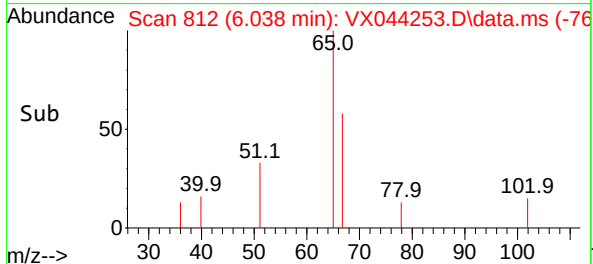
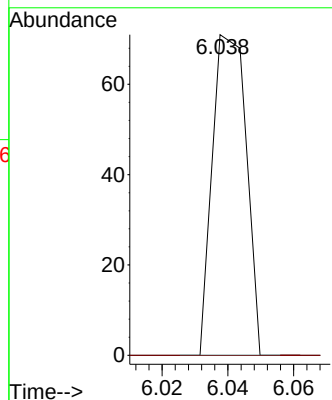
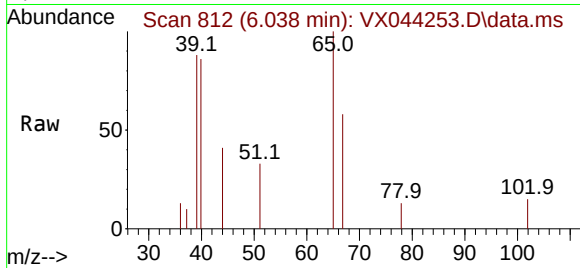




#40
Benzene
Concen: 0.009 ug/l
RT: 6.038 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

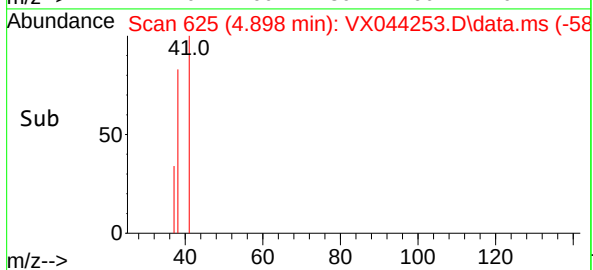
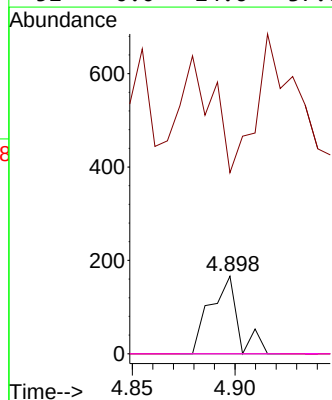
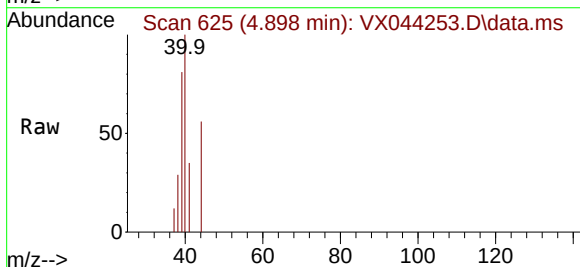
Instrument :
MSVOA_X
ClientSampleId :

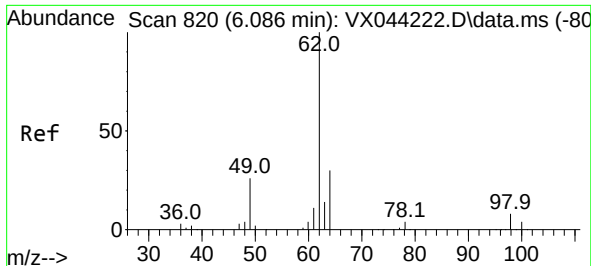
Tgt Ion: 78 Resp: 51
Ion Ratio Lower Upper
78 100
77 0.0 19.3 28.9#



#41
Methacrylonitrile
Concen: 0.131 ug/l
RT: 4.898 min Scan# 625
Delta R.T. -0.024 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 41 Resp: 157
Ion Ratio Lower Upper
41 100
39 165.6 44.2 66.4#
67 0.0 57.2 85.8#
52 0.0 24.6 37.0#





#42

1,2-Dichloroethane

Concen: 0.009 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

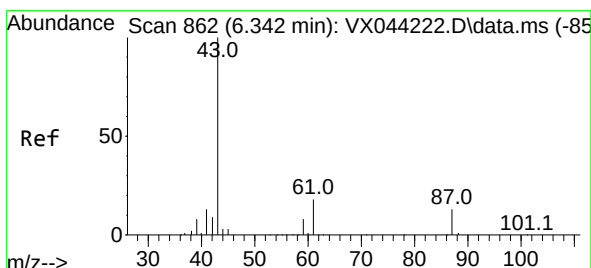
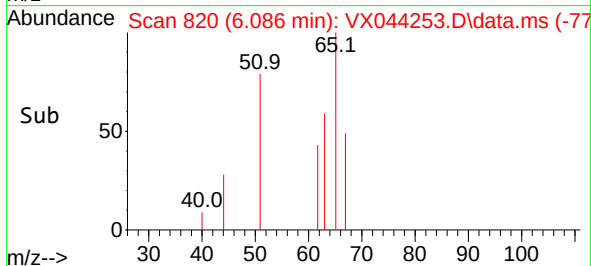
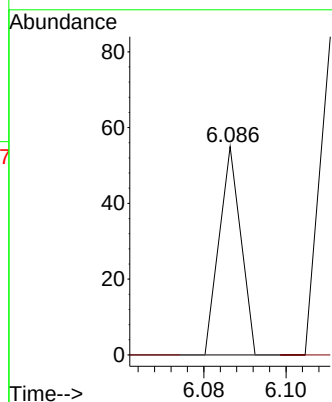
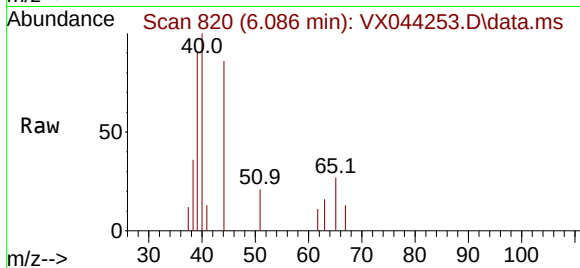
ClientSampleId :

Tgt Ion: 62 Resp: 20

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 0.006 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.018 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

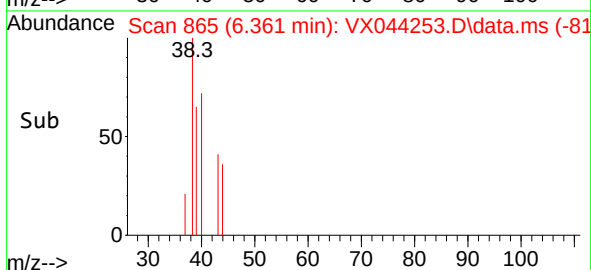
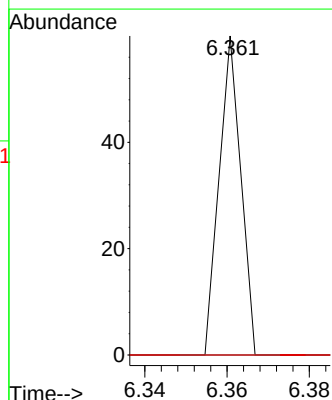
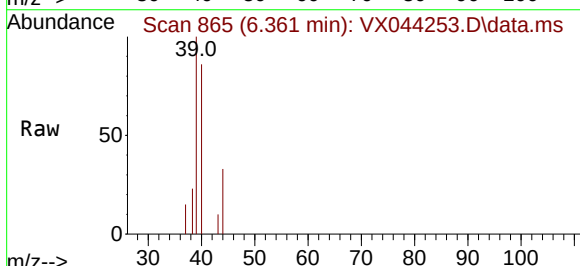
Tgt Ion: 43 Resp: 22

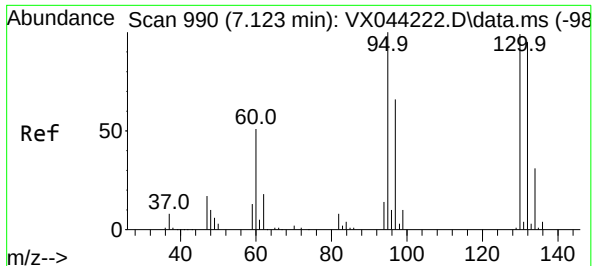
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 10.2 15.2#

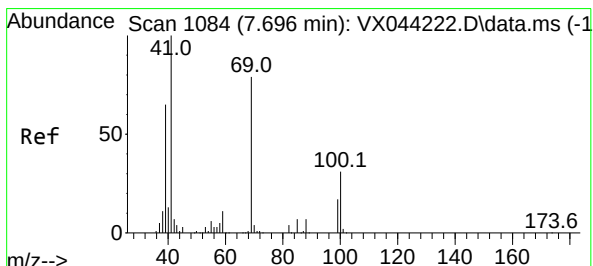
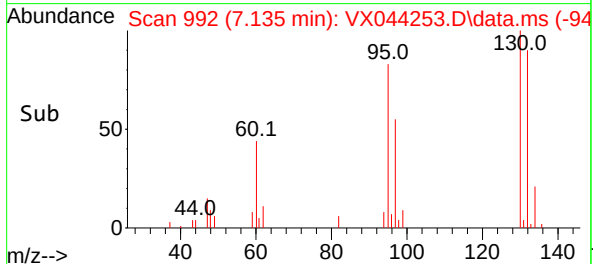
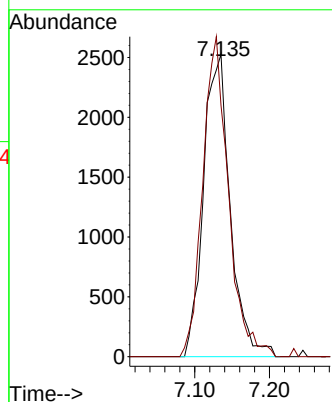
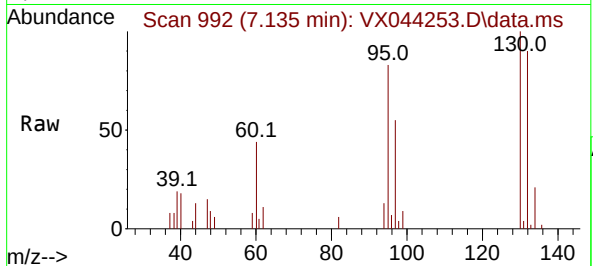




#44
Trichloroethene
Concen: 4.526 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

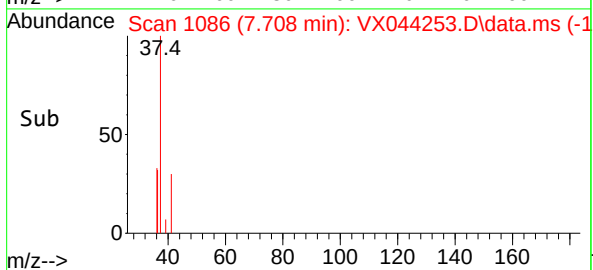
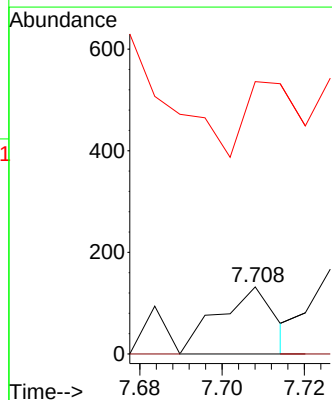
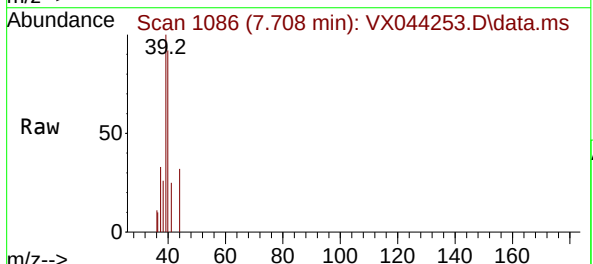
Instrument :
MSVOA_X
ClientSampleId :

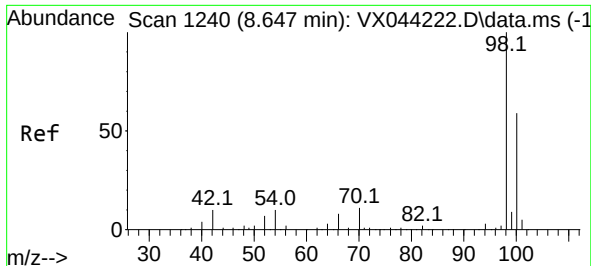
Tgt Ion:130 Resp: 6272
Ion Ratio Lower Upper
130 100
95 83.1 0.0 201.4



#48
Methyl methacrylate
Concen: 0.074 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 41 Resp: 127
Ion Ratio Lower Upper
41 100
69 0.0 62.4 93.6#
39 124.4 53.3 79.9#

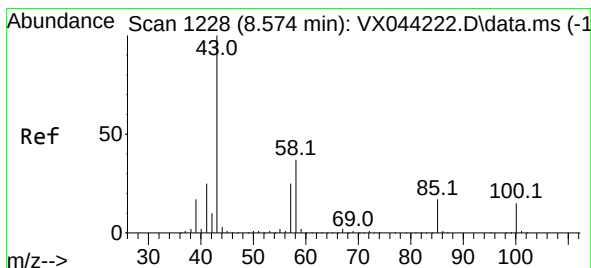
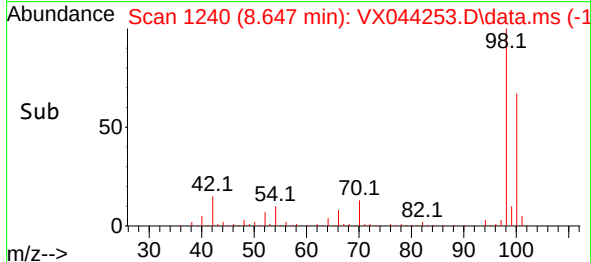
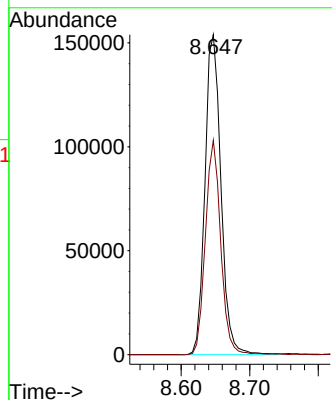
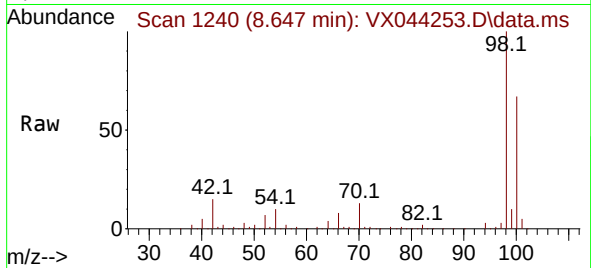




#50
Toluene-d8
Concen: 52.369 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

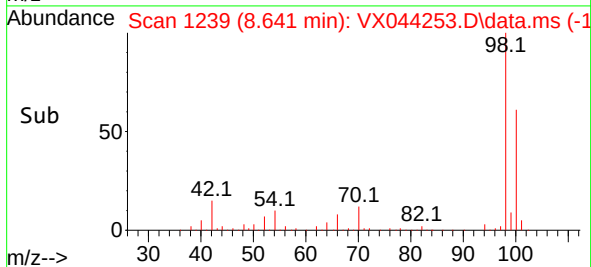
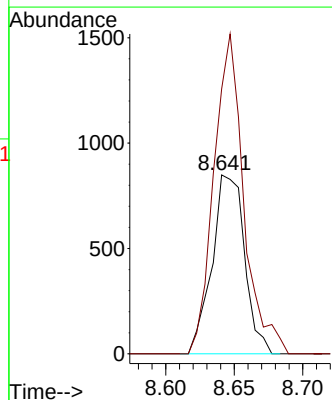
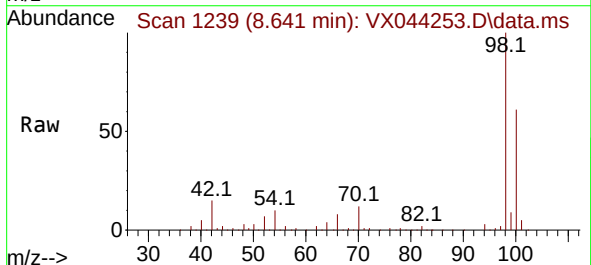
Instrument :
MSVOA_X
ClientSampleId :

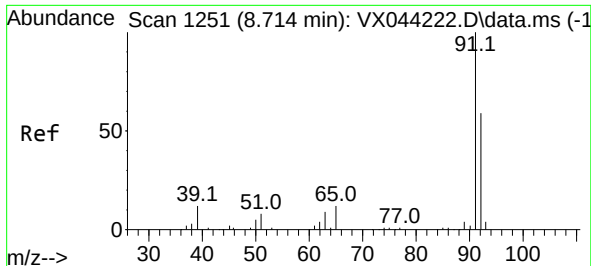
Tgt Ion: 98 Resp: 250169
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 164.2 29.4 44.0#

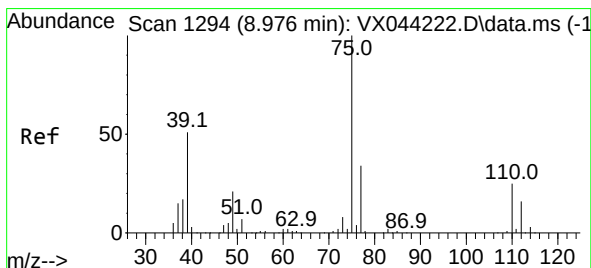
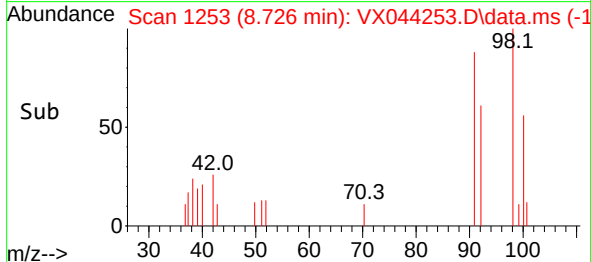
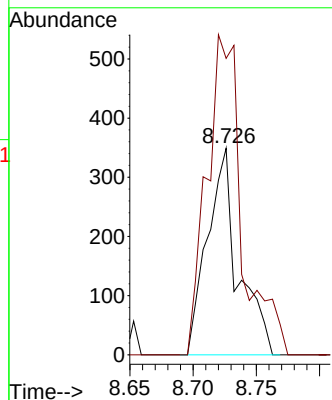
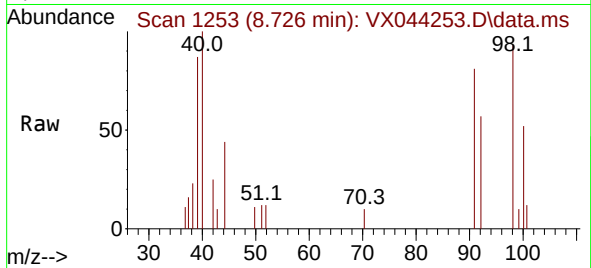




#52
Toluene
Concen: 0.169 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

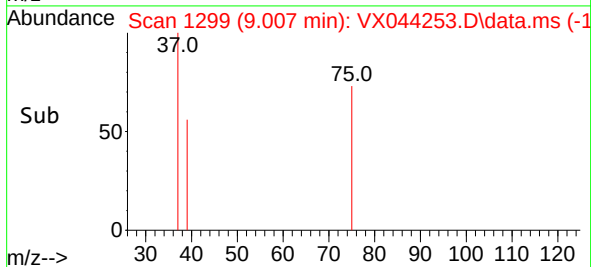
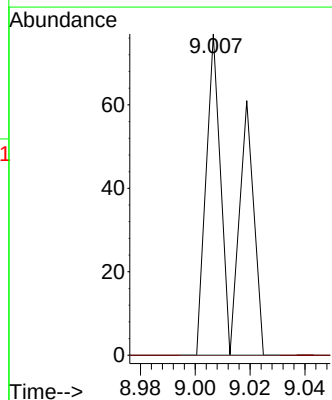
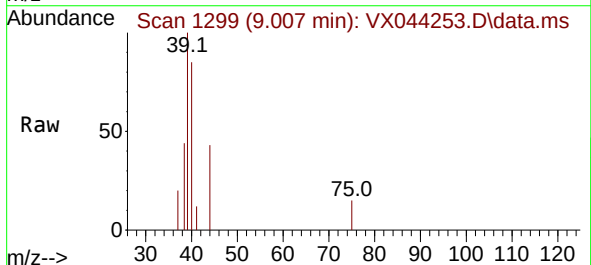
Instrument :
MSVOA_X
ClientSampleId :

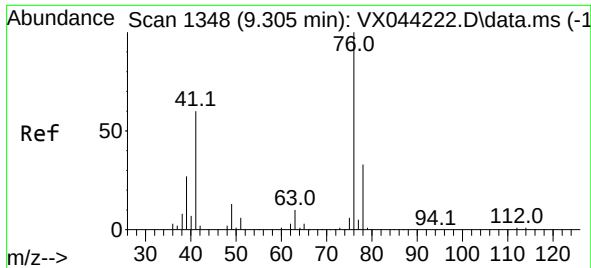
Tgt Ion: 92 Resp: 590
Ion Ratio Lower Upper
92 100
91 177.1 137.0 205.6



#53
t-1,3-Dichloropropene
Concen: 1.021 ug/l
RT: 9.007 min Scan# 1299
Delta R.T. 0.030 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#

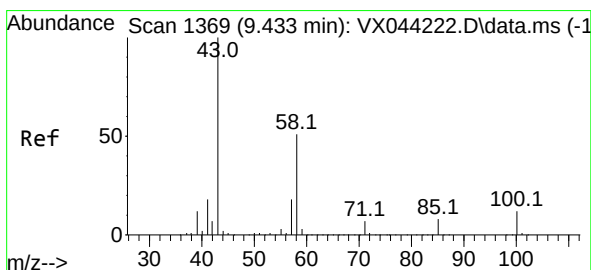
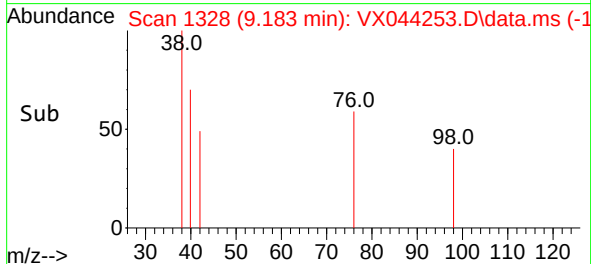
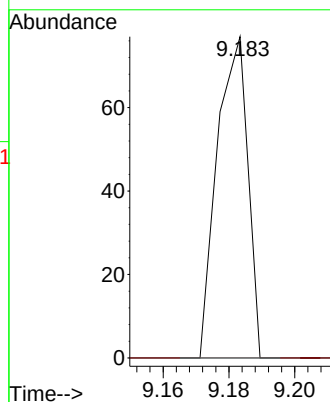
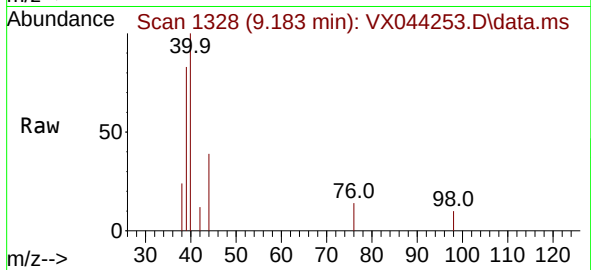




#57
1,3-Dichloropropane
Concen: 0.021 ug/l
RT: 9.183 min Scan# 11
Delta R.T. -0.122 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

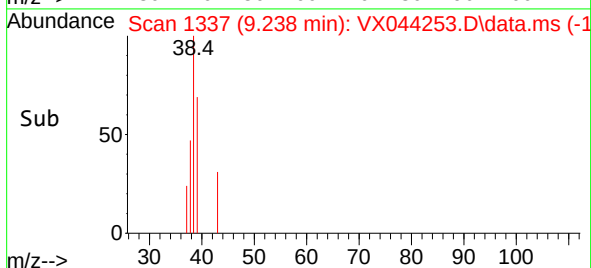
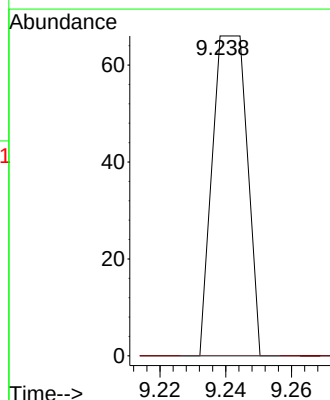
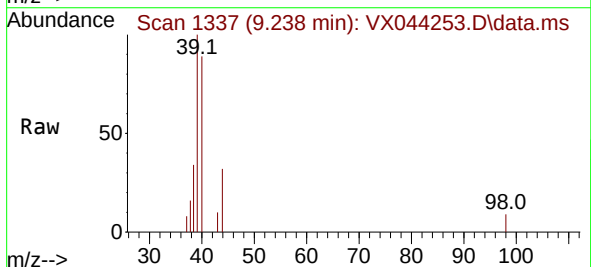
Instrument :
MSVOA_X
ClientSampleId :

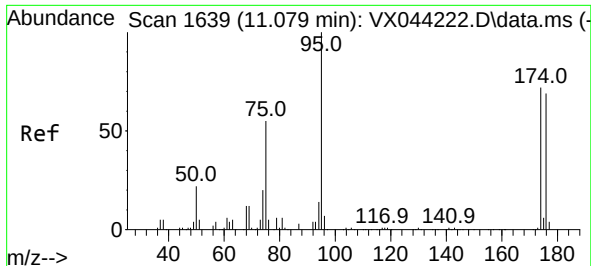
Tgt Ion: 76 Resp: 50
Ion Ratio Lower Upper
76 100
78 0.0 26.5 39.7#



#59
2-Hexanone
Concen: 0.029 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. -0.195 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
58 0.0 25.7 77.0#





#62

4-Bromofluorobenzene

Concen: 50.254 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

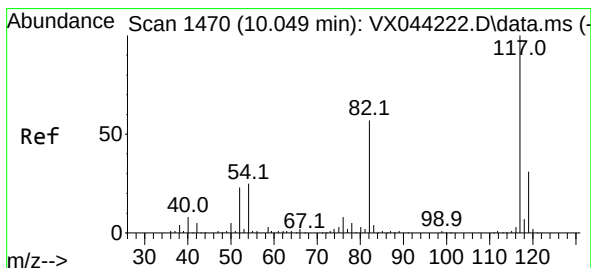
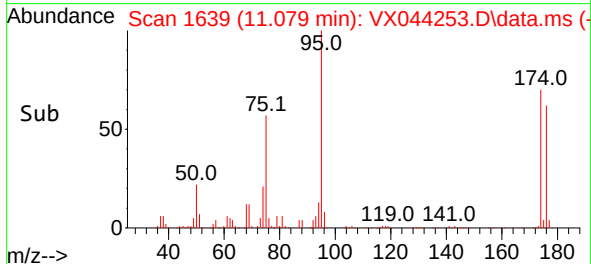
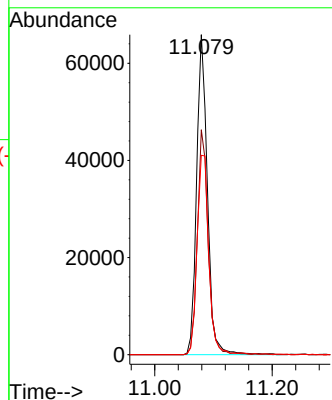
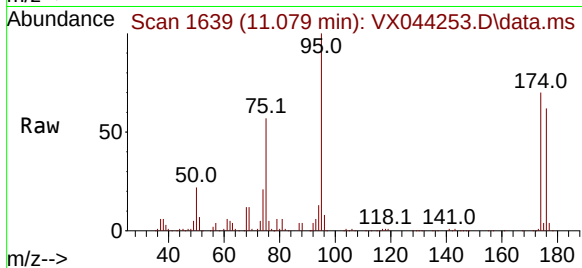
Tgt Ion: 95 Resp: 83885

Ion Ratio Lower Upper

95 100

174 69.7 0.0 145.8

176 67.8 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

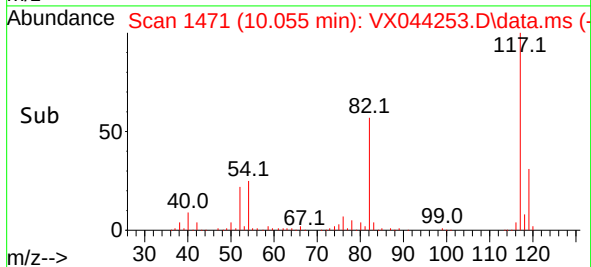
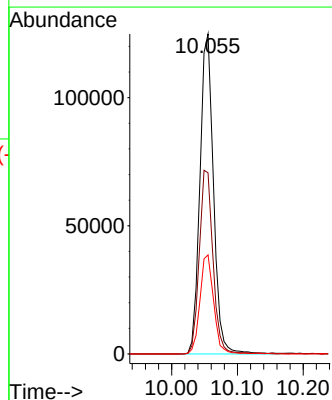
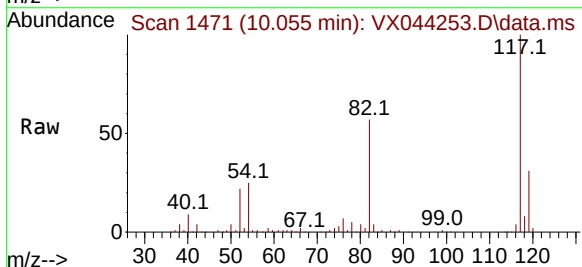
Tgt Ion: 117 Resp: 179345

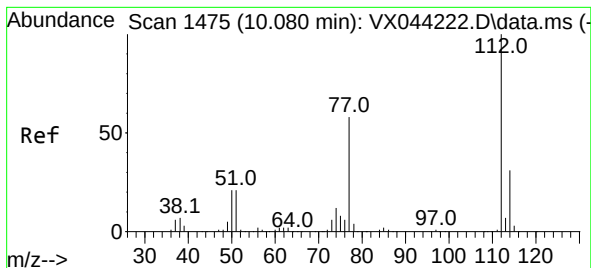
Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.8

119 30.9 25.0 37.4

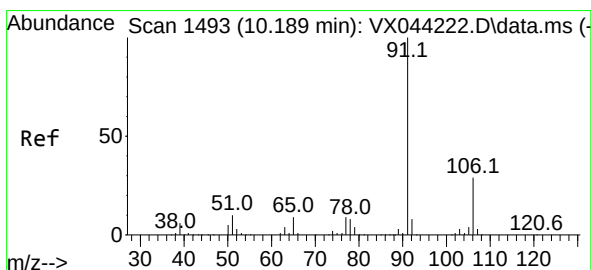
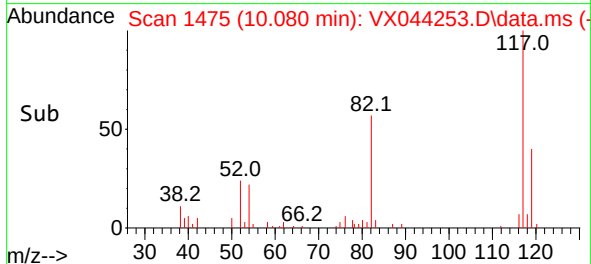
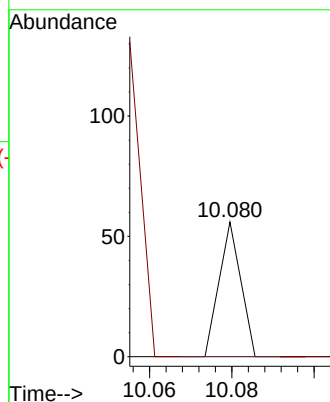
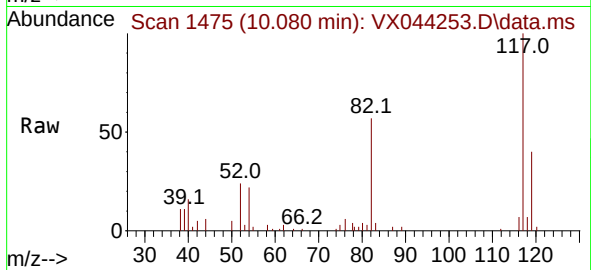




#65
Chlorobenzene
Concen: 0.005 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

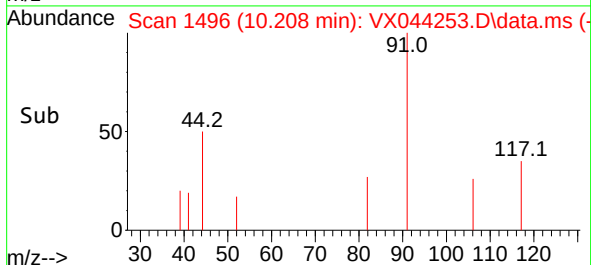
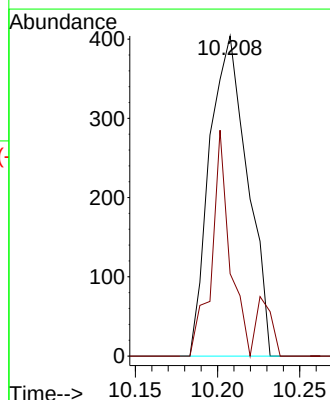
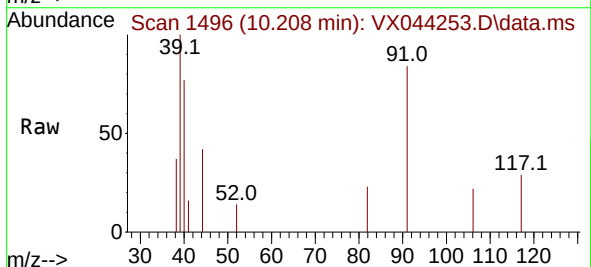
Instrument :
MSVOA_X
ClientSampleId :

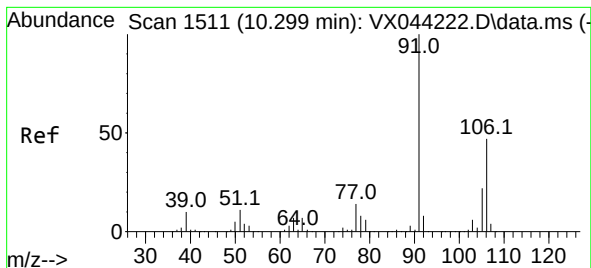
Tgt Ion:112 Resp: 20
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.6#



#67
Ethyl Benzene
Concen: 0.097 ug/l
RT: 10.208 min Scan# 1496
Delta R.T. 0.018 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 91 Resp: 646
Ion Ratio Lower Upper
91 100
106 25.7 23.5 35.3

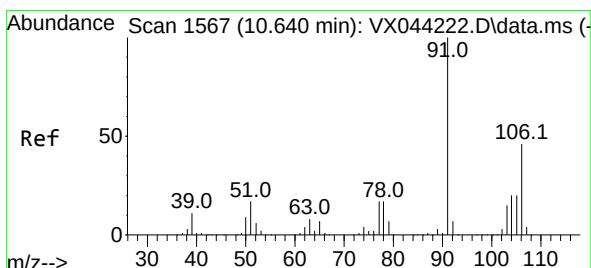
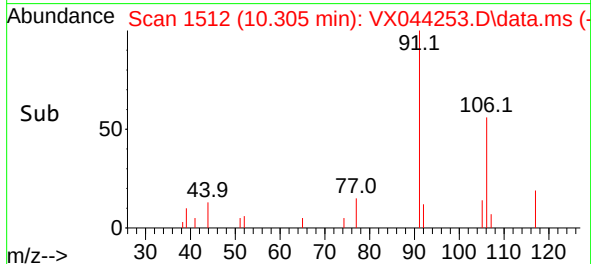
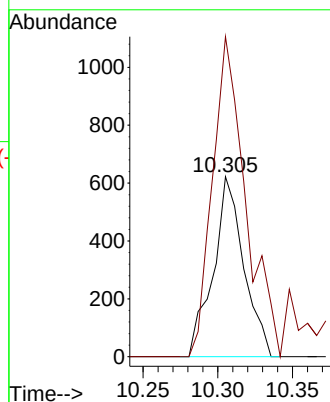
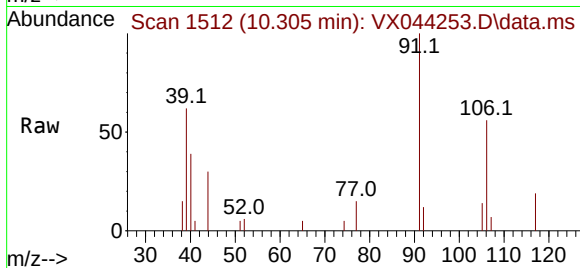




#68
m/p-Xylenes
Concen: 0.362 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

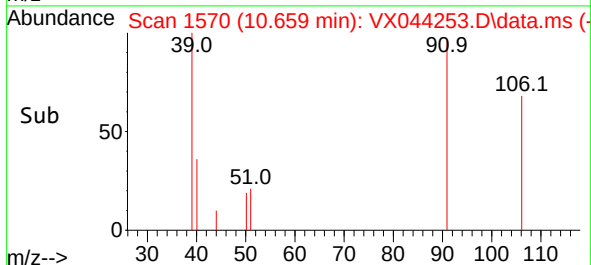
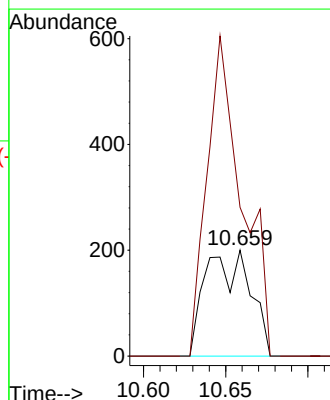
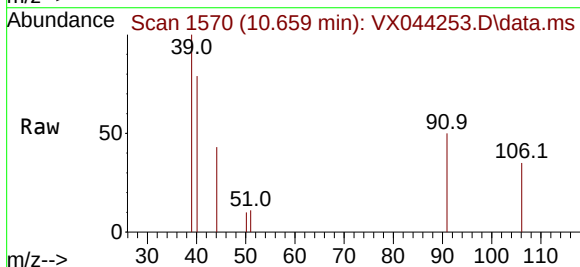
Instrument :
MSVOA_X
ClientSampleId :

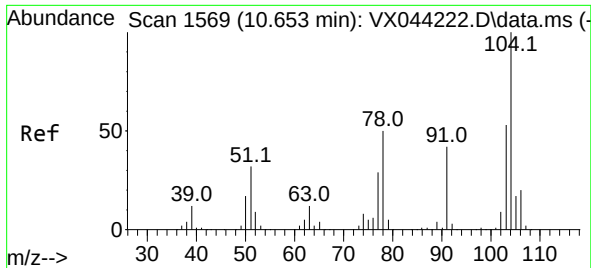
Tgt Ion:106 Resp: 881
Ion Ratio Lower Upper
106 100
91 193.6 170.2 255.2



#69
o-Xylene
Concen: 0.153 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.018 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

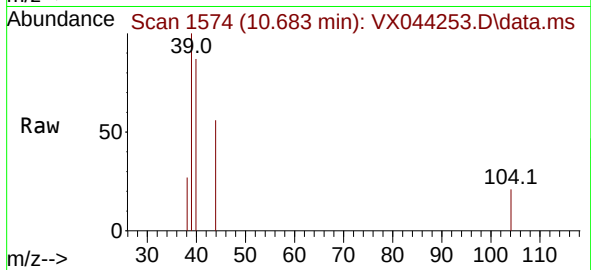
Tgt Ion:106 Resp: 376
Ion Ratio Lower Upper
106 100
91 238.8 112.3 337.0



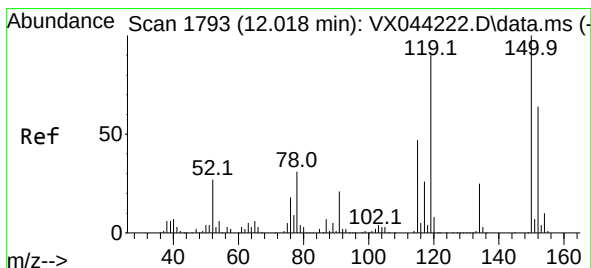
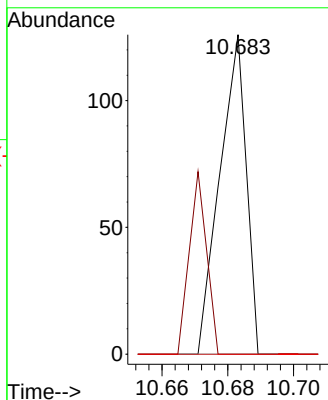
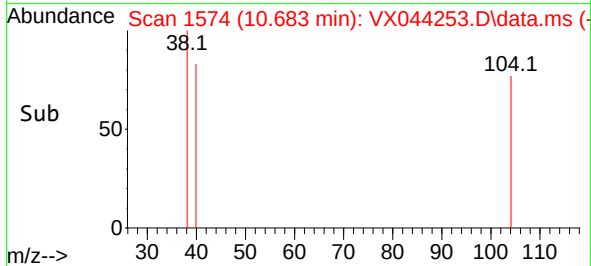


#70
Styrene
Concen: 0.018 ug/l
RT: 10.683 min Scan# 11
Delta R.T. 0.030 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

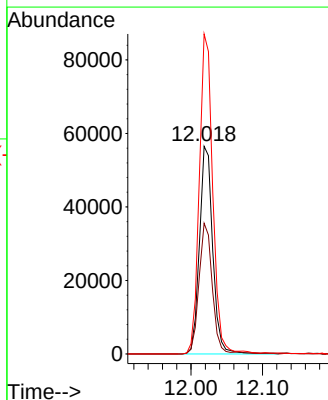
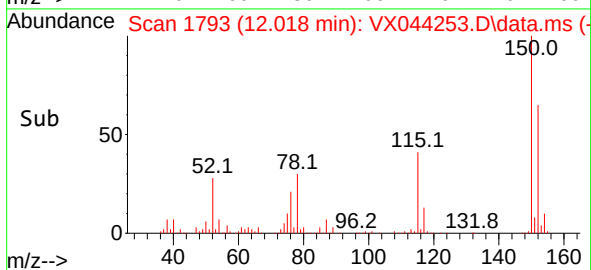
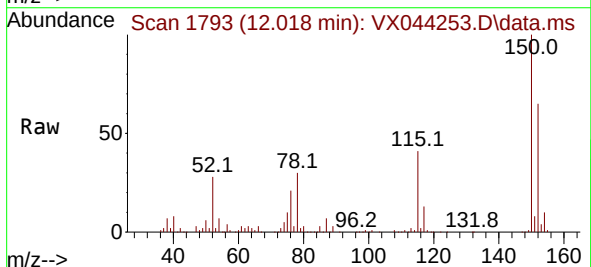


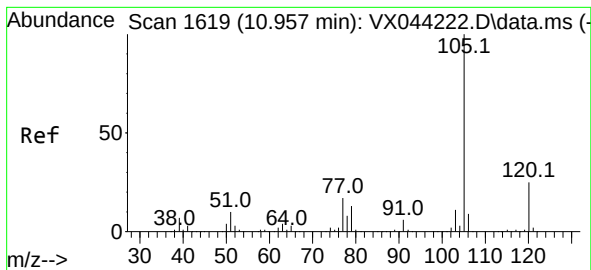
Tgt Ion:104 Resp: 70
Ion Ratio Lower Upper
104 100
78 37.1 44.6 67.0#
103 0.0 45.4 68.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion:152 Resp: 73041
Ion Ratio Lower Upper
152 100
115 63.2 44.5 133.3
150 155.5 0.0 353.8





#73

Isopropylbenzene

Concen: 0.008 ug/l

RT: 10.970 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

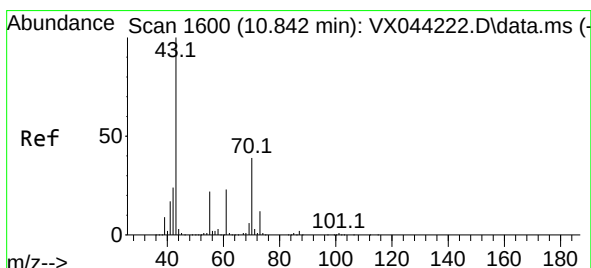
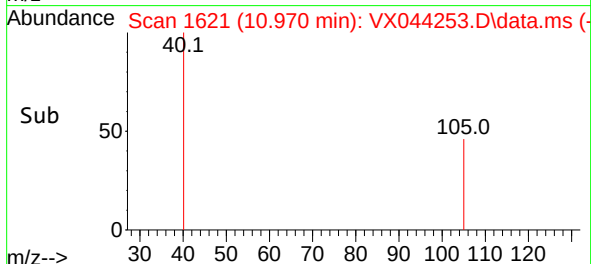
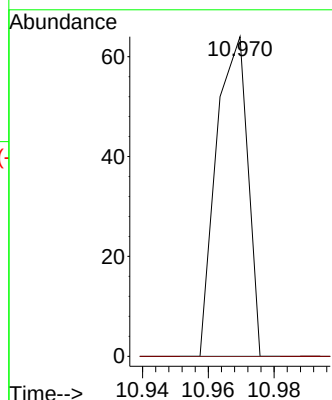
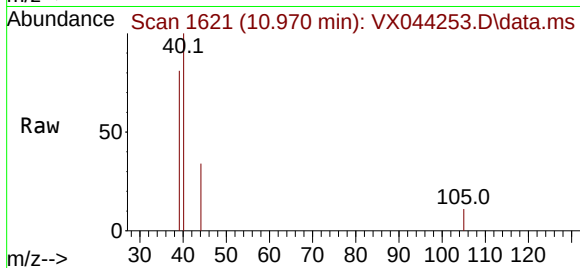
ClientSampleId :

Tgt Ion:105 Resp: 42

Ion Ratio Lower Upper

105 100

120 0.0 13.1 39.3#



#74

N-ethyl acetate

Concen: 0.043 ug/l

RT: 11.073 min Scan# 1638

Delta R.T. 0.232 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Tgt Ion: 43 Resp: 110

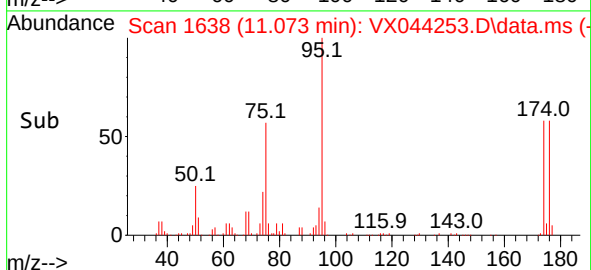
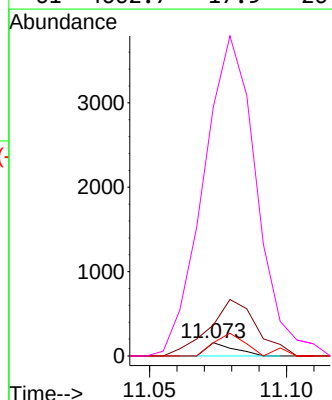
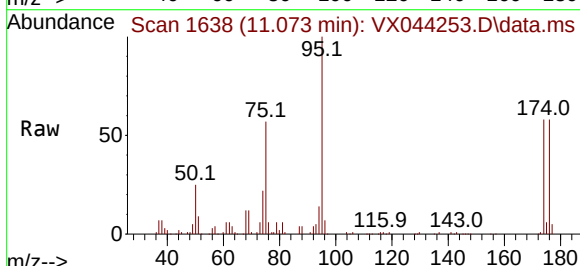
Ion Ratio Lower Upper

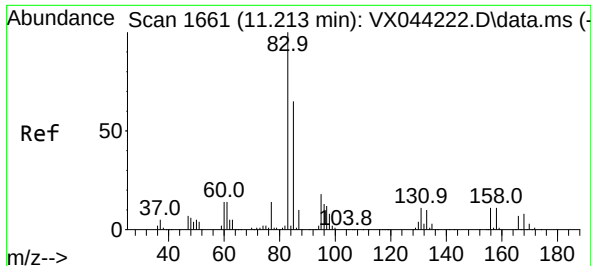
43 100

70 739.1 31.9 47.9#

55 220.9 17.9 26.9#

61 4662.7 17.9 26.9#

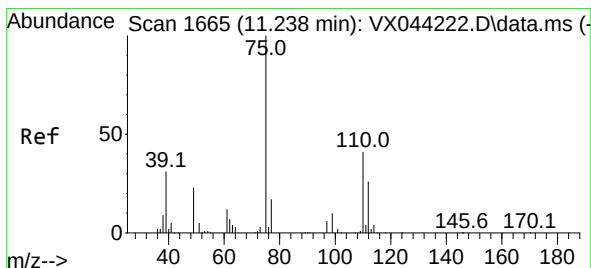
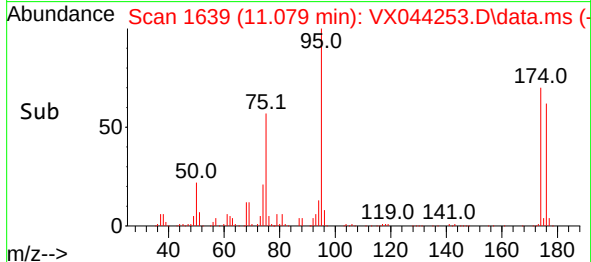
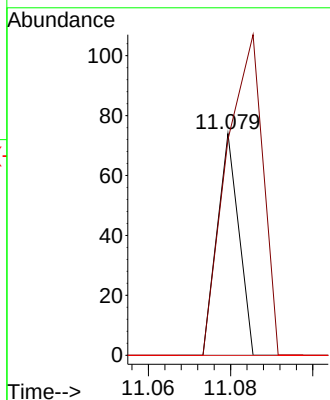
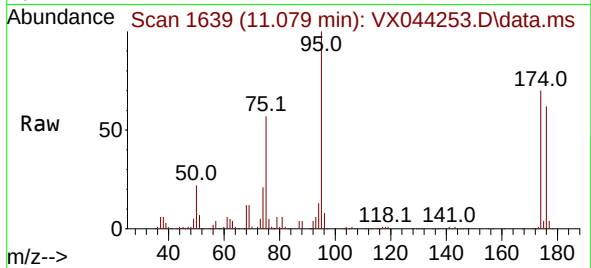




#75
1,1,2,2-Tetrachloroethane
Concen: 0.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

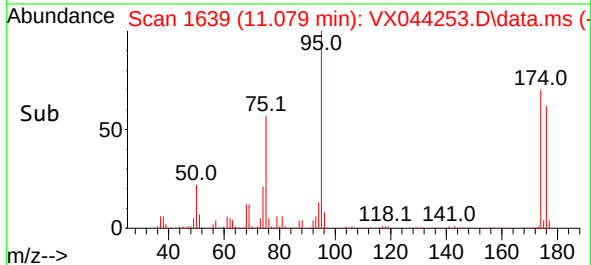
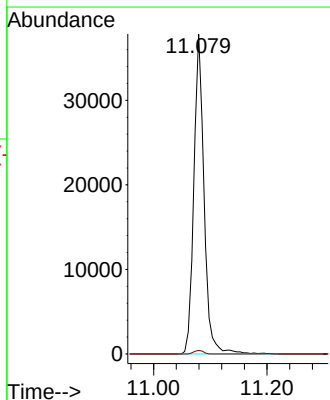
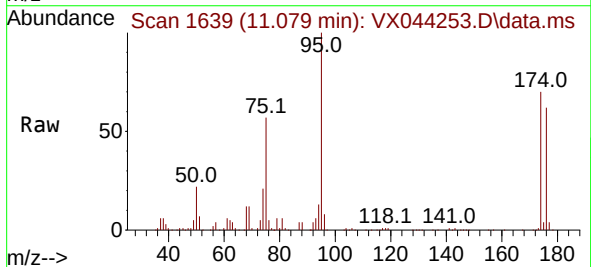
Instrument :
MSVOA_X
ClientSampleId :

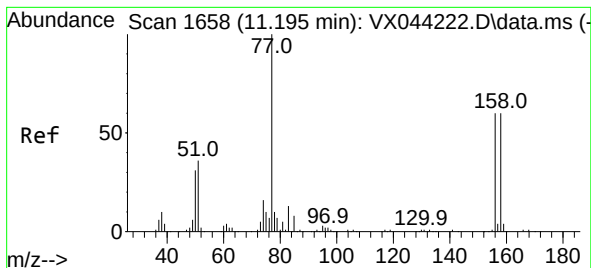
Tgt Ion: 83 Resp: 27
Ion Ratio Lower Upper
83 100
131 240.7 5.1 15.4#
85 0.0 32.5 97.4#



#76
1,2,3-Trichloropropane
Concen: 29.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 75 Resp: 47394
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#





#77

Bromobenzene

Concen: 0.018 ug/l

RT: 11.207 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX044253.D

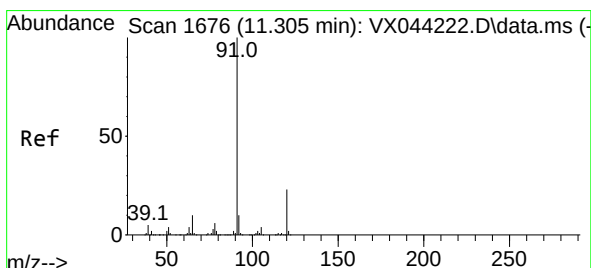
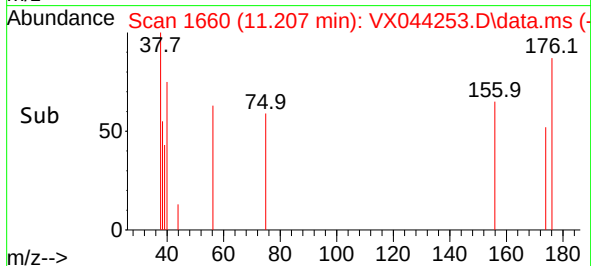
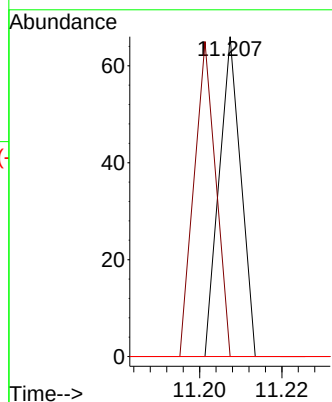
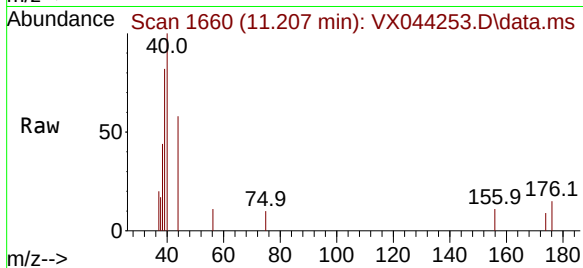
Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	156	Resp:	24
Ion	Ratio	Lower	Upper
156	100		
77	100.0	82.6	247.8
158	0.0	48.8	146.4#



#78

n-propylbenzene

Concen: 0.011 ug/l

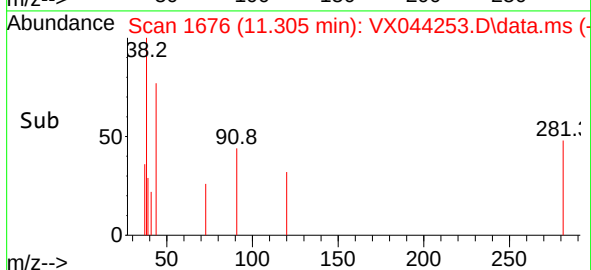
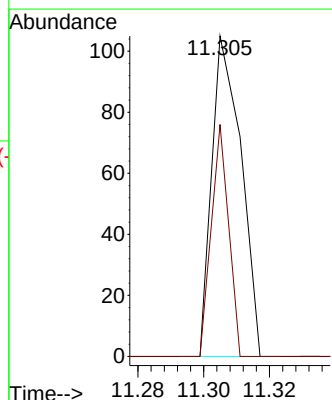
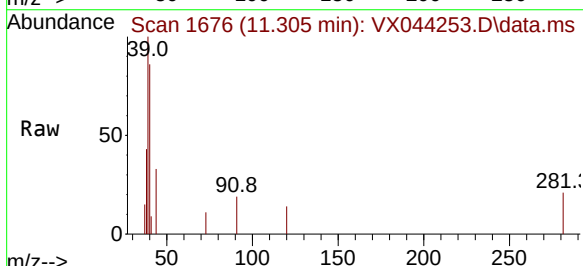
RT: 11.305 min Scan# 1676

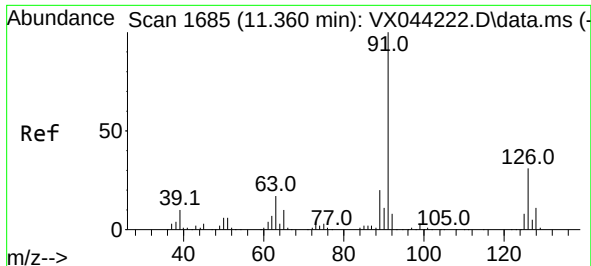
Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Tgt Ion:	91	Resp:	65
Ion	Ratio	Lower	Upper
91	100		
120	43.1	11.0	33.0#

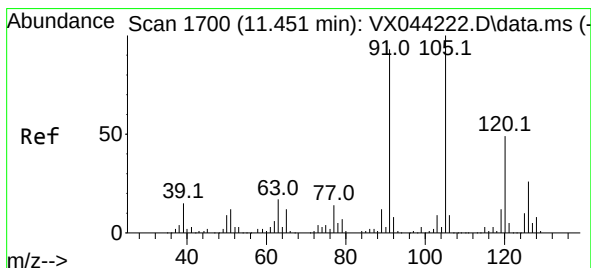
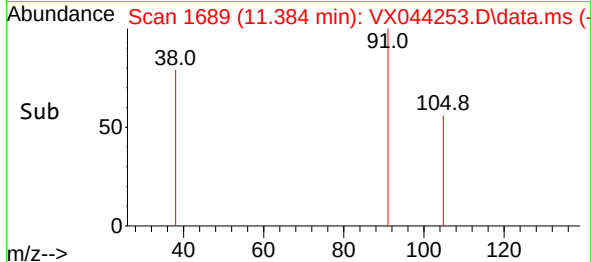
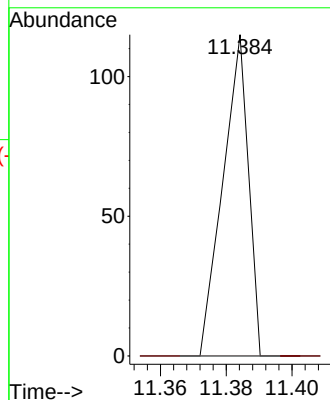
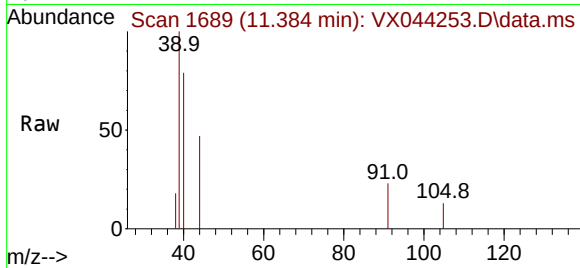




#79
2-Chlorotoluene
Concen: 0.016 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.024 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

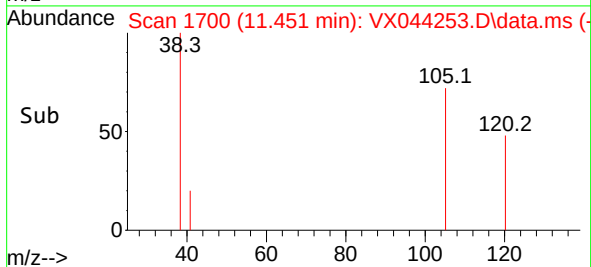
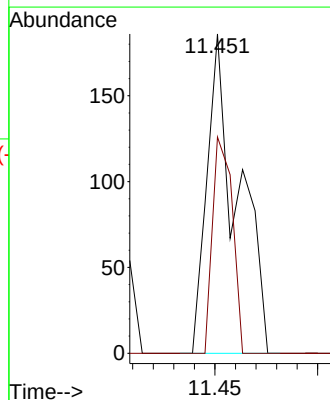
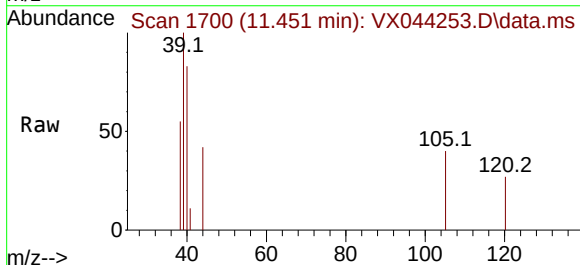
Instrument :
MSVOA_X
ClientSampleId :

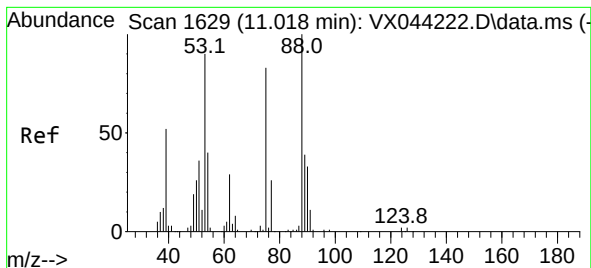
Tgt Ion: 91 Resp: 62
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#80
1,3,5-Trimethylbenzene
Concen: 0.042 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 105 Resp: 194
Ion Ratio Lower Upper
105 100
120 43.3 23.8 71.4

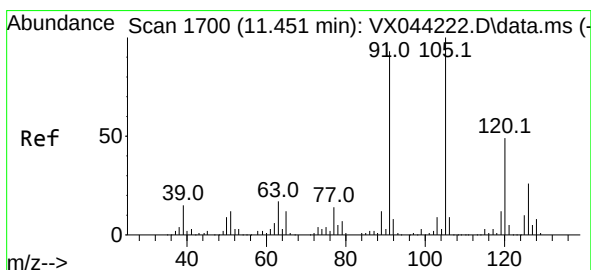
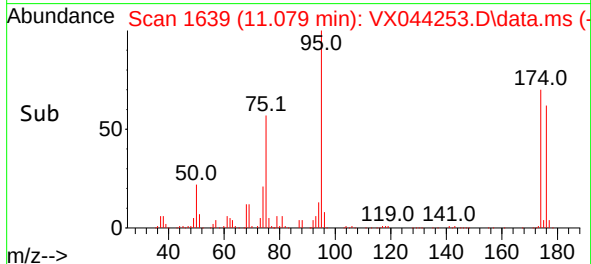
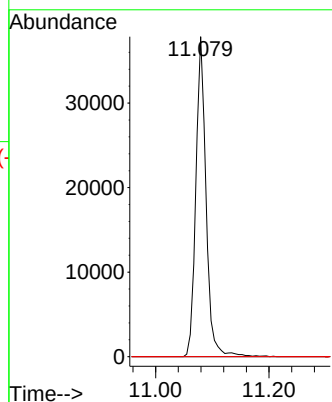
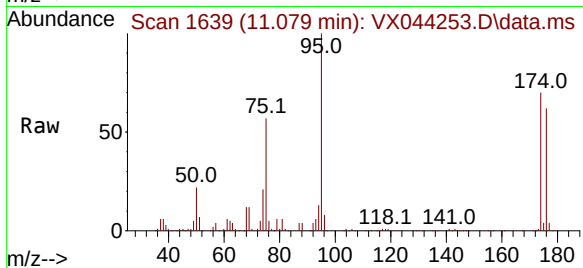




#81
trans-1,4-Dichloro-2-butene
Concen: 79.563 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

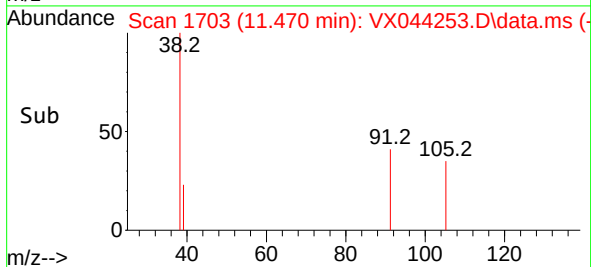
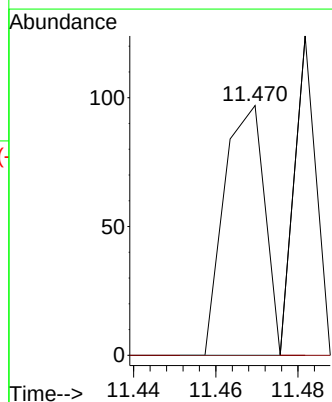
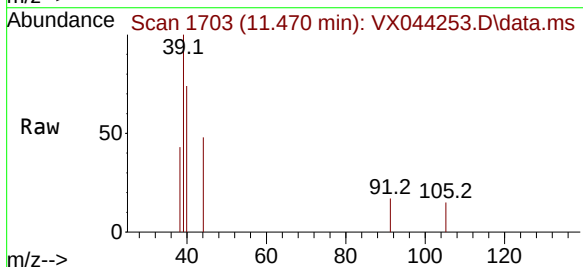
Instrument :
MSVOA_X
ClientSampleId :

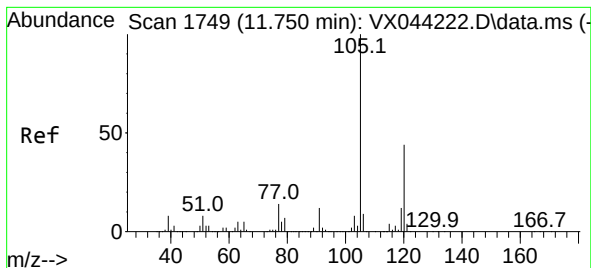
Tgt Ion: 75 Resp: 47394
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 0.015 ug/l
RT: 11.470 min Scan# 1703
Delta R.T. 0.018 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 91 Resp: 66
Ion Ratio Lower Upper
91 100
126 0.0 14.5 43.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.096 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

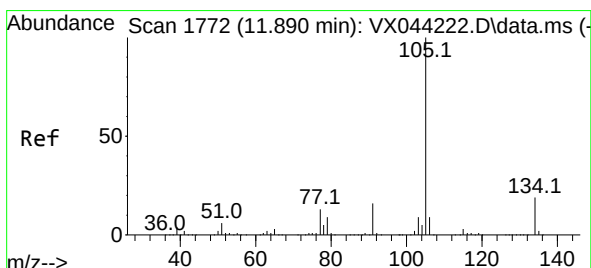
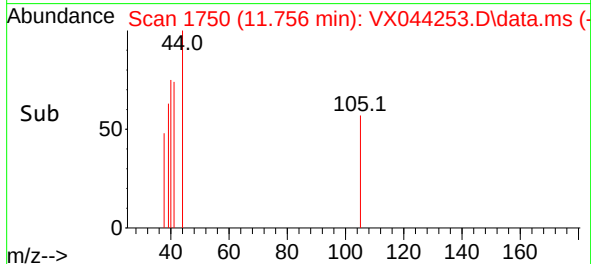
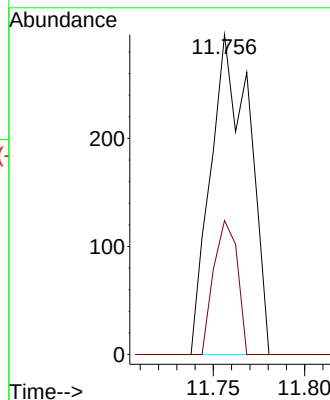
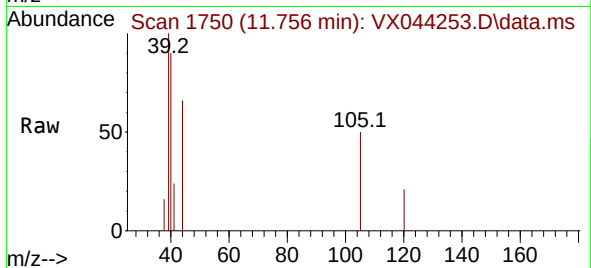
ClientSampleId :

Tgt Ion:105 Resp: 437

Ion Ratio Lower Upper

105 100

120 25.6 21.7 65.1



#85

sec-Butylbenzene

Concen: 0.079 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX044253.D

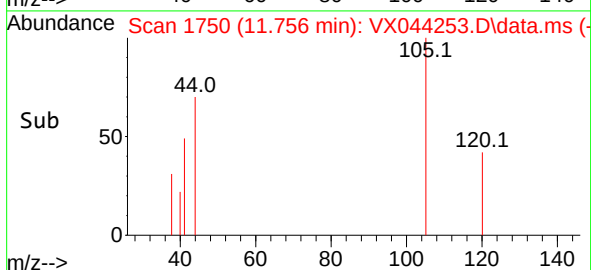
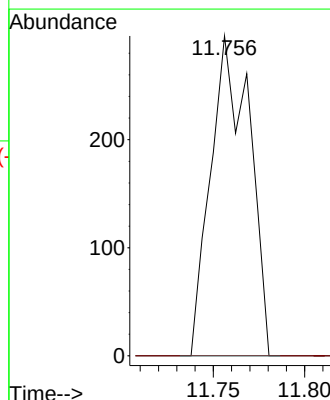
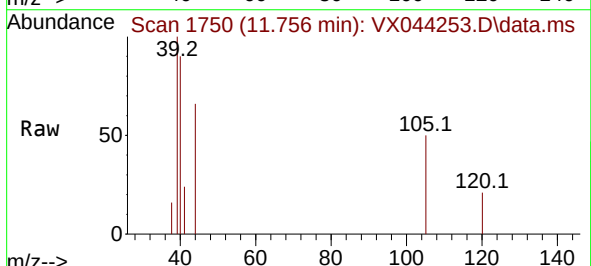
Acq: 12 Dec 2024 15:32

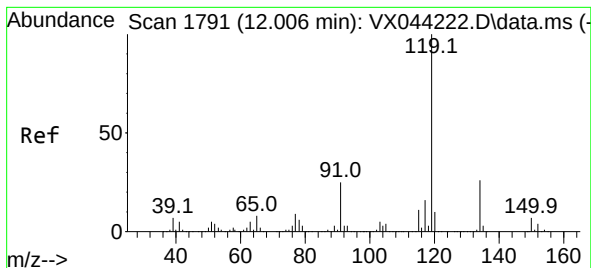
Tgt Ion:105 Resp: 437

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.023 ug/l

RT: 12.012 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

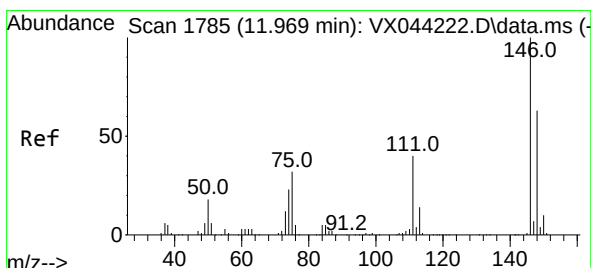
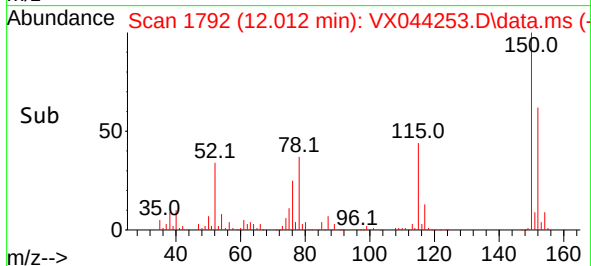
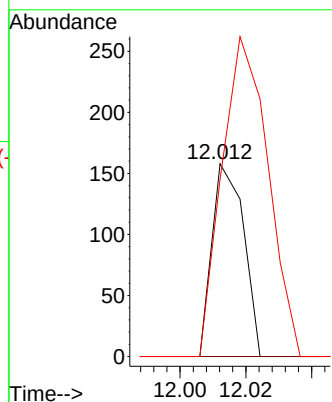
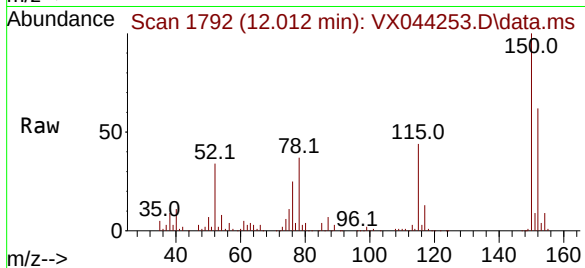
Tgt Ion:119 Resp: 105

Ion Ratio Lower Upper

119 100

134 0.0 12.8 38.4#

91 241.9 13.0 39.0#



#87

1,3-Dichlorobenzene

Concen: 0.019 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

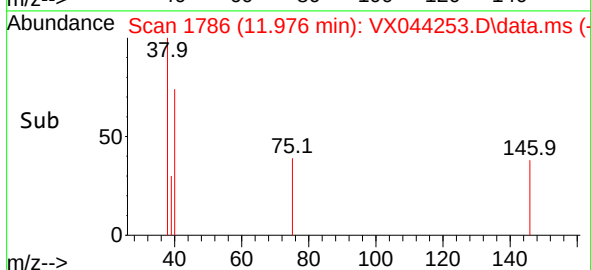
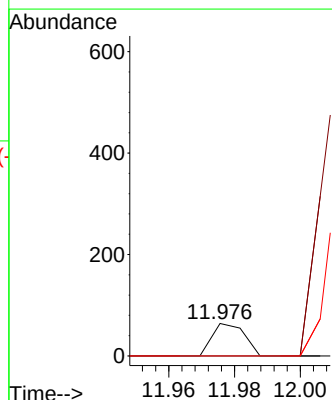
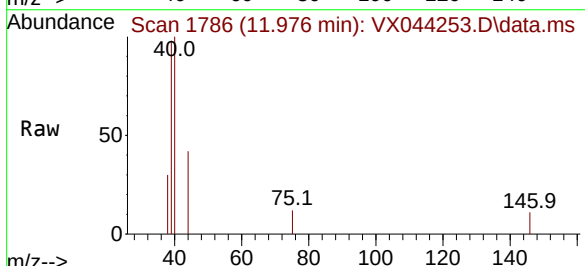
Tgt Ion:146 Resp: 44

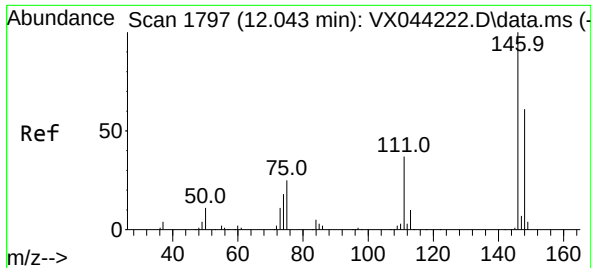
Ion Ratio Lower Upper

146 100

111 0.0 21.4 64.2#

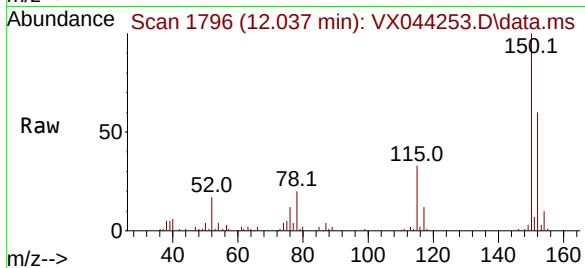
148 0.0 31.7 95.1#



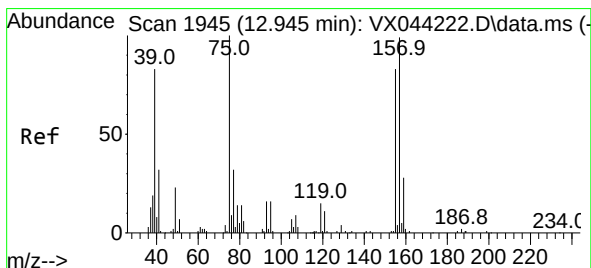
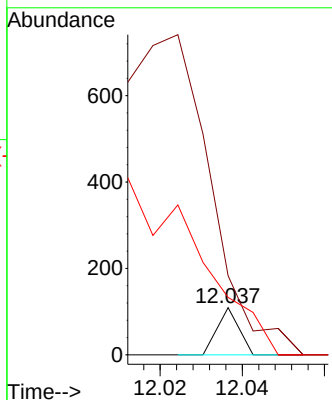
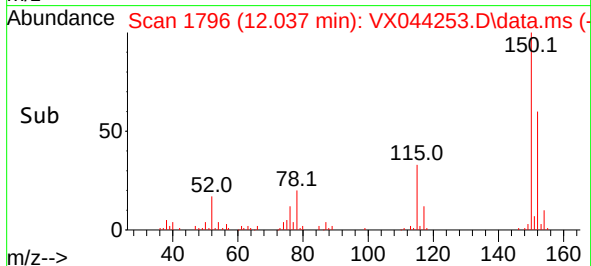


#88
1,4-Dichlorobenzene
Concen: 0.016 ug/l
RT: 12.037 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

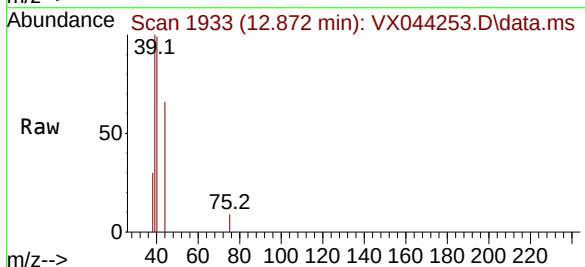
Instrument :
MSVOA_X
ClientSampleId :



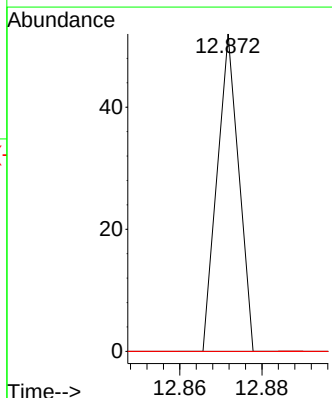
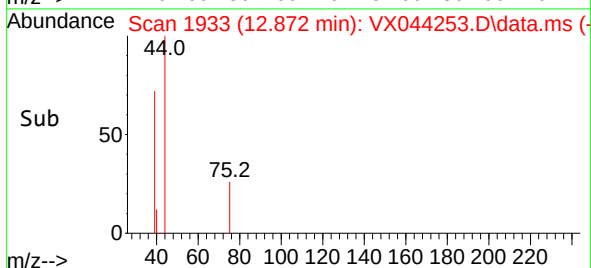
Tgt Ion:146 Resp: 40
Ion Ratio Lower Upper
146 100
111 0.0 21.0 63.0#
148 0.0 32.3 96.8#

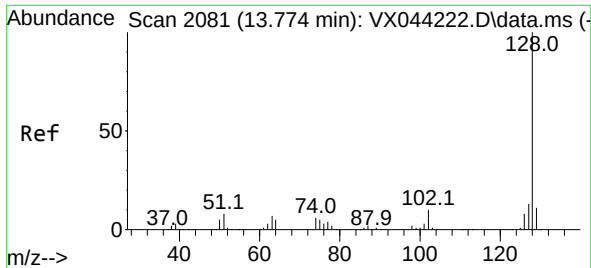


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.050 ug/l
RT: 12.872 min Scan# 1933
Delta R.T. -0.073 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32



Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.3#
157 0.0 47.2 141.6#





#95

Naphthalene

Concen: 0.038 ug/l

RT: 13.798 min Scan# 20

Delta R.T. 0.024 min

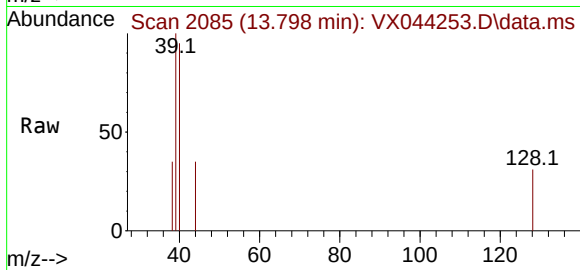
Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 201

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 0.0 9.0 13.4#

