

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044258.D
 Acq On : 12 Dec 2024 17:28
 Operator : JC/MD
 Sample : P5261-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 01:47:39 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	5.550	168	122427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108191	50.402	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.800%	
35) Dibromofluoromethane	5.379	113	77727	48.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.020%	
50) Toluene-d8	8.647	98	283136	52.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	11.079	95	90678	48.003	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.000%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.166	85	211	0.111	ug/l #	44
3) Chloromethane	1.294	50	164	0.091	ug/l #	42
4) Vinyl Chloride	1.374	62	59	0.031	ug/l #	1
5) Bromomethane	1.599	94	358	0.268	ug/l	96
6) Chloroethane	1.685	64	96	0.082	ug/l #	41
7) Trichlorofluoromethane	1.873	101	536	0.145	ug/l #	73
8) Diethyl Ether	2.319	74	712	0.565	ug/l #	26
9) 1,1,2-Trichlorotrifluo...	2.319	101	794594	531.855	ug/l	100
11) Tert butyl alcohol	2.934	59	347	1.147	ug/l #	71
12) 1,1-Dichloroethene	2.319	96	6524	4.754	ug/l #	70
13) Acrolein	2.184	56	27	0.062	ug/l #	14
14) Allyl chloride	2.672	41	46	0.020	ug/l #	20
16) Acetone	2.386	43	1208	1.380	ug/l #	89
17) Carbon Disulfide	2.514	76	136	0.052	ug/l #	75
18) Methyl Acetate	2.697	43	333	0.148	ug/l #	54
19) Methyl tert-butyl Ether	3.123	73	26	0.005	ug/l #	56
20) Methylene Chloride	2.788	84	916	0.557	ug/l #	92
22) Diisopropyl ether	3.763	45	1182	0.230	ug/l #	79
23) Vinyl Acetate	3.769	43	740	0.177	ug/l #	73
24) 1,1-Dichloroethane	3.611	63	913	0.318	ug/l #	82
25) 2-Butanone	4.800	43	76	0.061	ug/l #	50
26) 2,2-Dichloropropane	4.495	77	22	0.009	ug/l #	55
27) cis-1,2-Dichloroethene	4.483	96	4871	2.630	ug/l	96
28) Bromochloromethane	5.129	49	53	0.038	ug/l #	13
29) Tetrahydrofuran	4.952	42	43	0.054	ug/l #	32
30) Chloroform	5.105	83	1010	0.313	ug/l #	72
31) Cyclohexane	5.537	56	3514	1.517	ug/l #	51
32) 1,1,1-Trichloroethane	5.379	97	364	0.136	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	11762	5.678	ug/l #	50
37) Ethyl Acetate	4.800	43	76	0.030	ug/l #	71
38) Carbon Tetrachloride	5.550	117	14341	6.431	ug/l #	17
39) Methylcyclohexane	7.116	83	2689	1.086	ug/l #	1
40) Benzene	6.062	78	379	0.060	ug/l #	51
41) Methacrylonitrile	4.934	41	25	0.018	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	1134	0.438	ug/l #	78
43) Isopropyl Acetate	6.385	43	33	0.008	ug/l #	63

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Instrument :
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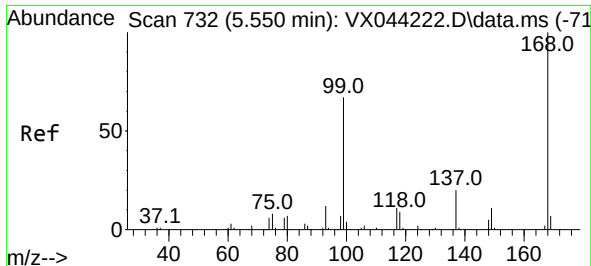
Quant Time: Dec 13 01:47:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.123	130	202187	128.922	ug/l	97
45) 1,2-Dichloropropane	7.427	63	2110	1.313	ug/l #	86
48) Methyl methacrylate	7.696	41	277	0.143	ug/l #	13
49) 1,4-Dioxane	7.671	88	267	8.290	ug/l #	45
51) 4-Methyl-2-Pentanone	8.647	43	1410	0.548	ug/l #	1
52) Toluene	8.714	92	228	0.058	ug/l #	32
55) 1,1,2-Trichloroethane	9.165	97	178	0.113	ug/l #	46
57) 1,3-Dichloropropane	9.311	76	52	0.019	ug/l #	67
60) Dibromochloromethane	9.269	129	239858	132.309	ug/l #	11
61) 1,2-Dibromoethane	9.622	107	23	0.014	ug/l #	1
64) Tetrachloroethene	9.269	164	240093	181.071	ug/l	95
65) Chlorobenzene	10.055	112	55	0.013	ug/l #	43
67) Ethyl Benzene	10.213	91	254	0.034	ug/l #	45
68) m/p-Xylenes	10.311	106	133	0.049	ug/l #	24
73) Isopropylbenzene	11.079	105	142	0.023	ug/l #	49
74) N-amyl acetate	10.829	43	26	0.009	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.079	83	144	0.067	ug/l #	5
76) 1,2,3-Trichloropropane	11.079	75	51350	28.463	ug/l #	35
78) n-propylbenzene	11.311	91	62	0.009	ug/l #	54
79) 2-Chlorotoluene	11.311	91	62	0.014	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	51350	78.039	ug/l #	4
82) 4-Chlorotoluene	11.463	91	24	0.005	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.890	105	48	0.010	ug/l #	32
85) sec-Butylbenzene	11.890	105	48	0.008	ug/l #	57
86) p-Isopropyltoluene	12.018	119	134	0.026	ug/l #	1
87) 1,3-Dichlorobenzene	12.036	146	248	0.095	ug/l #	1
88) 1,4-Dichlorobenzene	12.036	146	248	0.092	ug/l #	1
90) Hexachloroethane	12.274	117	45	0.060	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	13.079	75	21	0.050	ug/l #	6
95) Naphthalene	13.792	128	93	0.016	ug/l #	69

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

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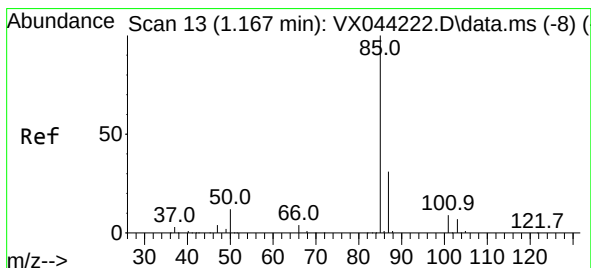
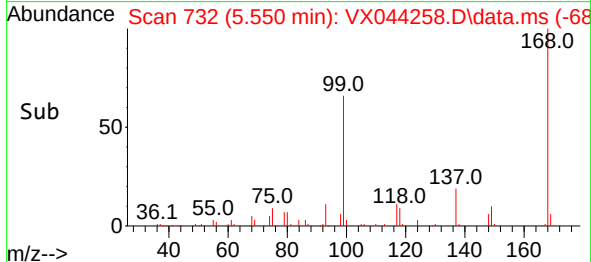
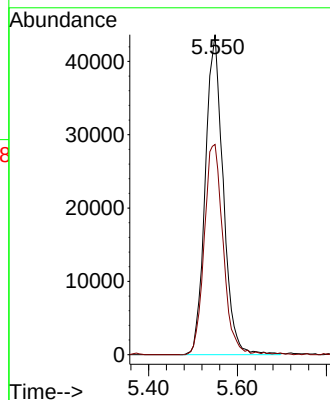
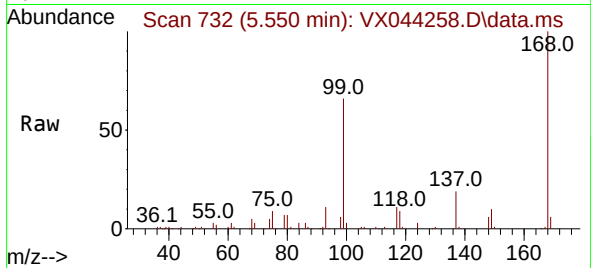




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

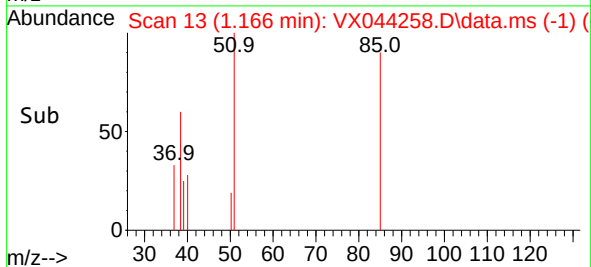
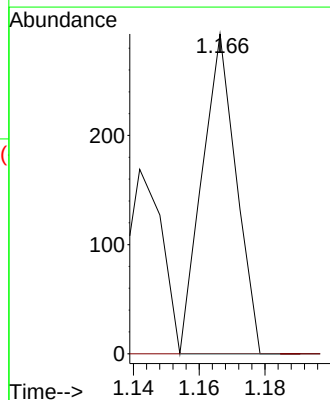
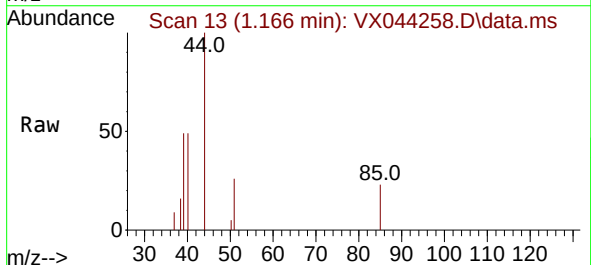
Instrument : MSVOA_X
ClientSampleId :

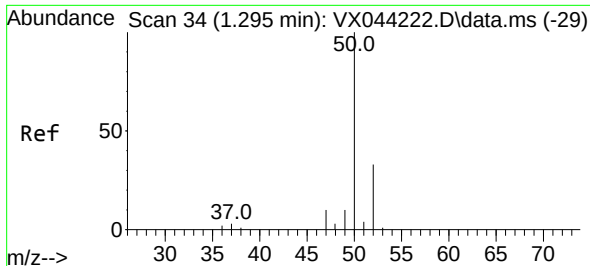
Tgt Ion:168 Resp: 122427
Ion Ratio Lower Upper
168 100
99 65.7 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 0.111 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 85 Resp: 211
Ion Ratio Lower Upper
85 100
87 0.0 15.4 46.4#

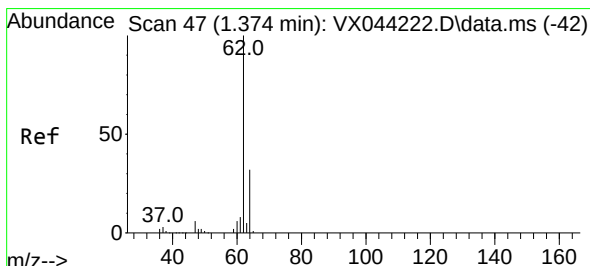
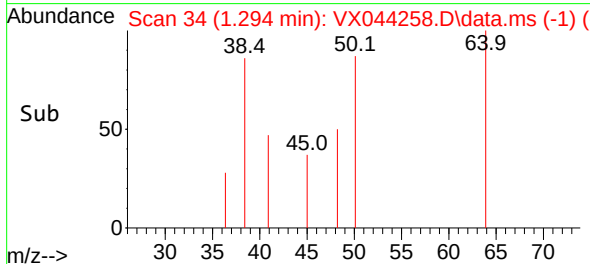
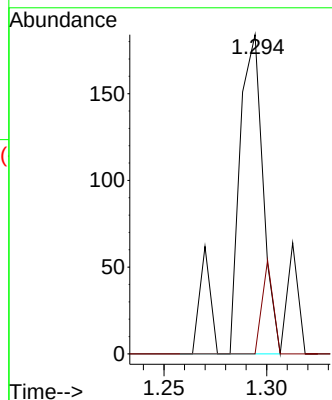
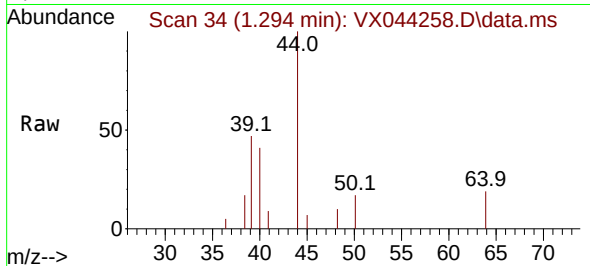




#3
Chloromethane
Concen: 0.091 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

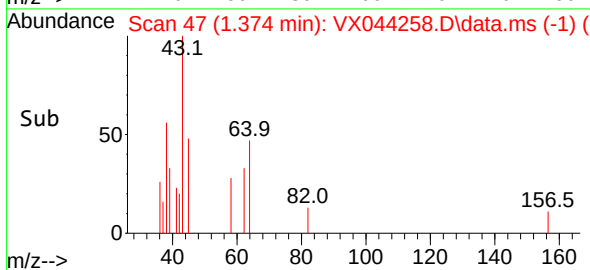
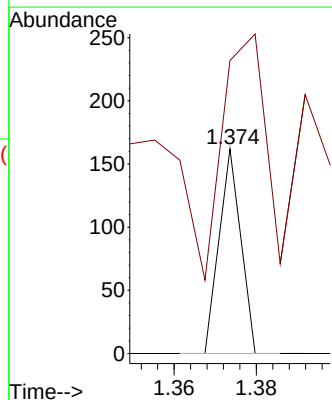
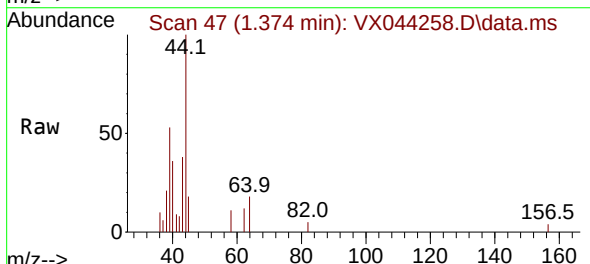
Instrument :
MSVOA_X
ClientSampleId :

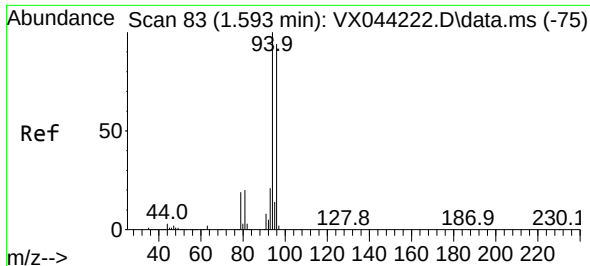
Tgt Ion: 50 Resp: 164
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.031 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

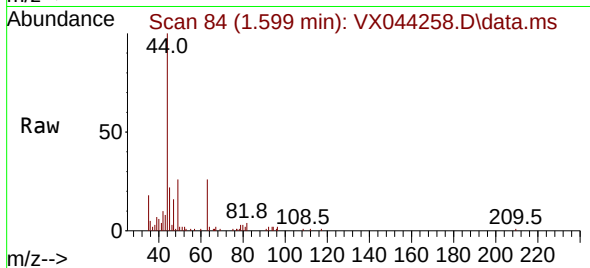
Tgt Ion: 62 Resp: 59
Ion Ratio Lower Upper
62 100
64 99.4 25.7 38.5#



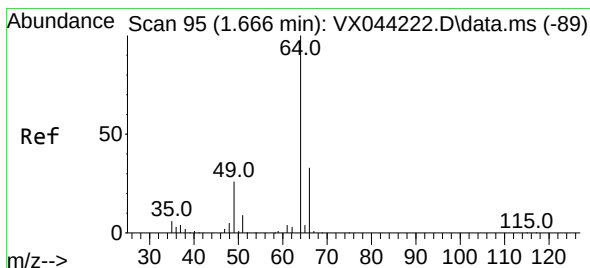
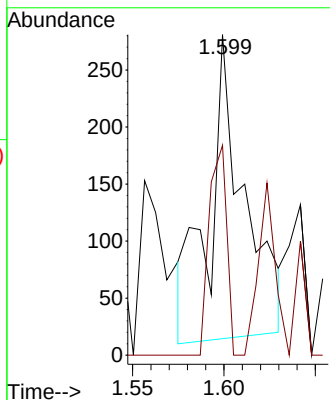
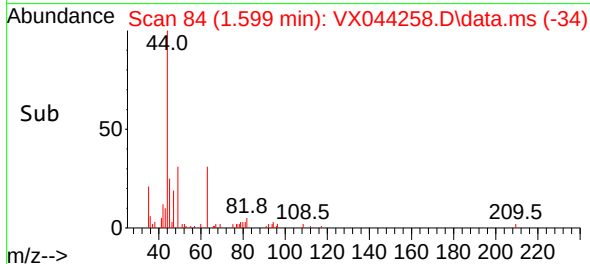


#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :

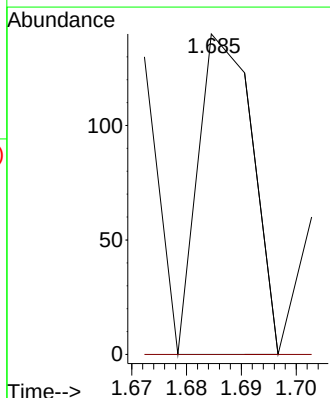
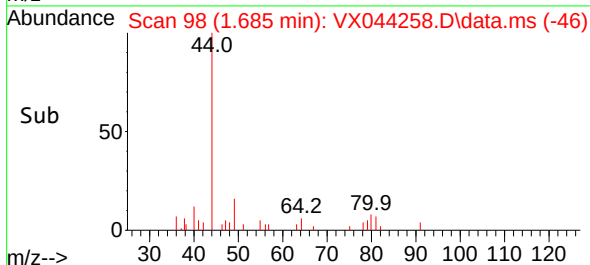
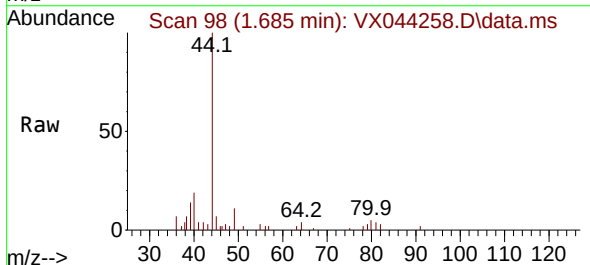


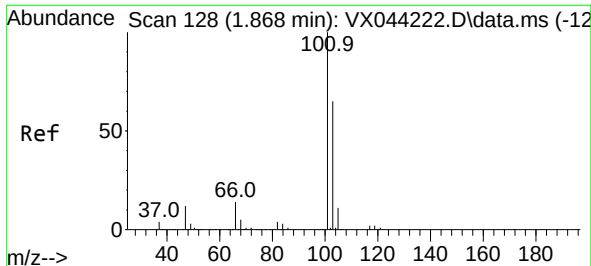
Tgt Ion: 94 Resp: 358
Ion Ratio Lower Upper
94 100
96 89.8 74.9 112.3



#6
Chloroethane
Concen: 0.082 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.018 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

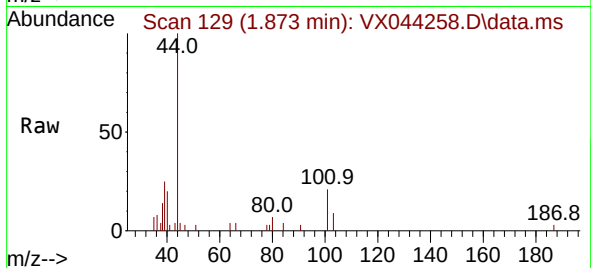
Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



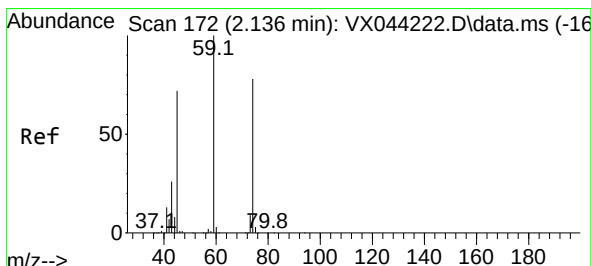
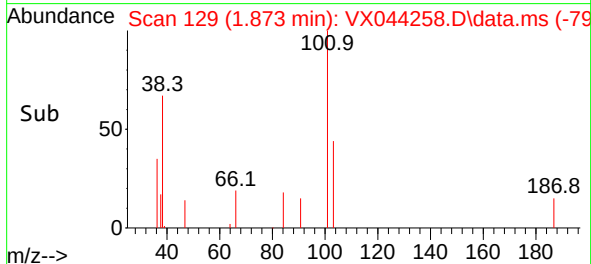
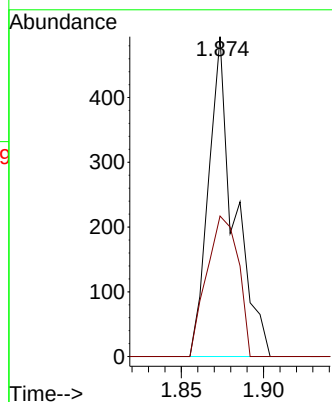


#7
Trichlorofluoromethane
Concen: 0.145 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :

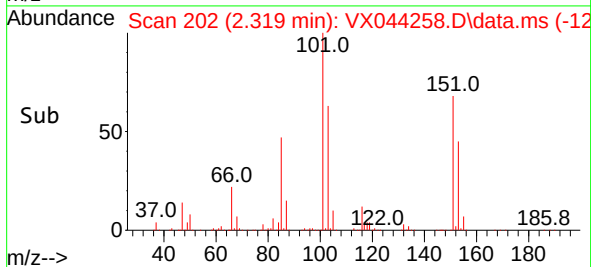
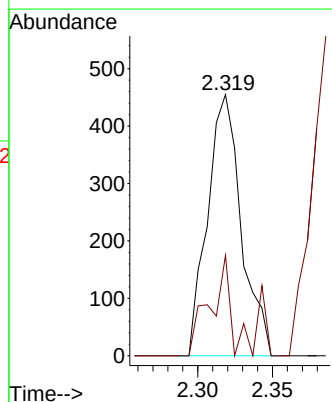
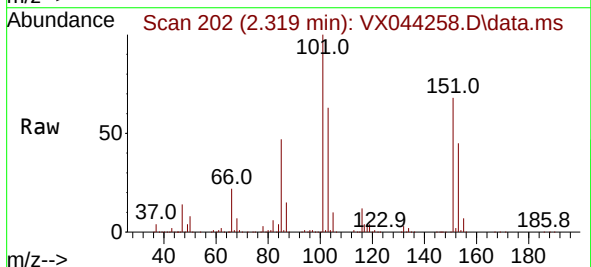


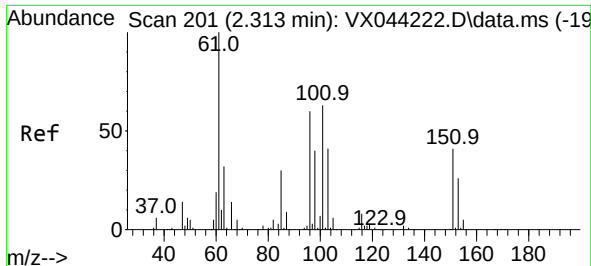
Tgt Ion:101 Resp: 536
Ion Ratio Lower Upper
101 100
103 43.9 51.8 77.8#



#8
Diethyl Ether
Concen: 0.565 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.183 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

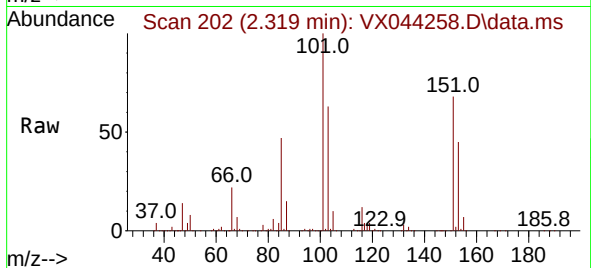
Tgt Ion: 74 Resp: 712
Ion Ratio Lower Upper
74 100
45 24.4 48.4 145.0#



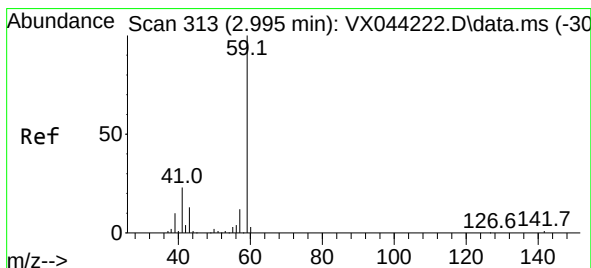
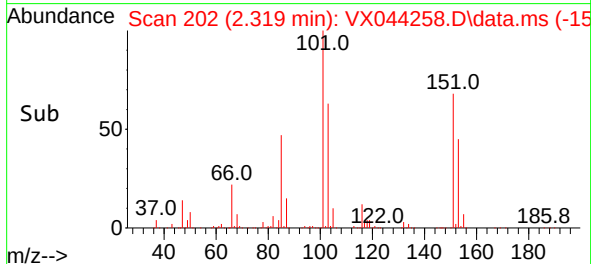
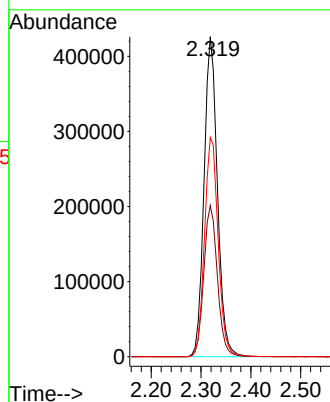


#9
1,1,2-Trichlorotrifluoroethane
Concen: 531.855 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :

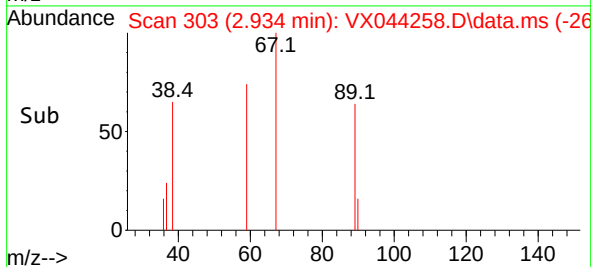
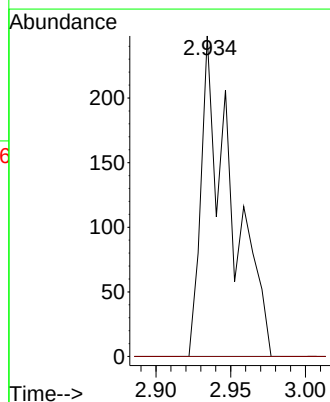
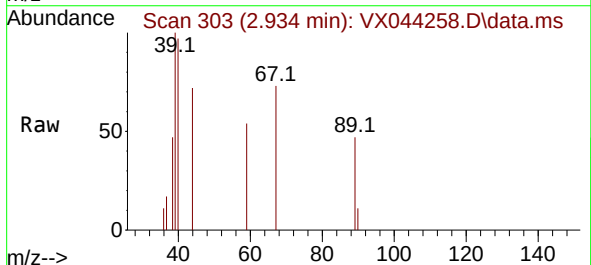


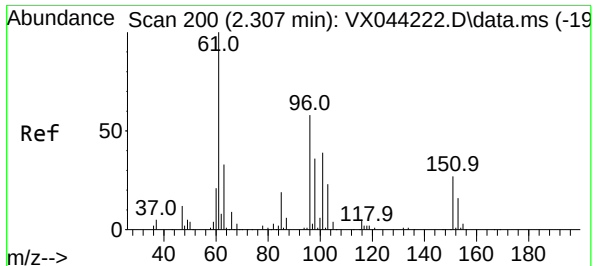
Tgt Ion:101 Resp: 794594
Ion Ratio Lower Upper
101 100
85 48.0 38.5 57.7
151 69.9 55.8 83.6



#11
Tert butyl alcohol
Concen: 1.147 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 59 Resp: 347
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 4.754 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

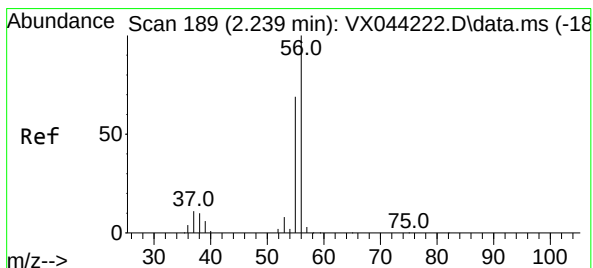
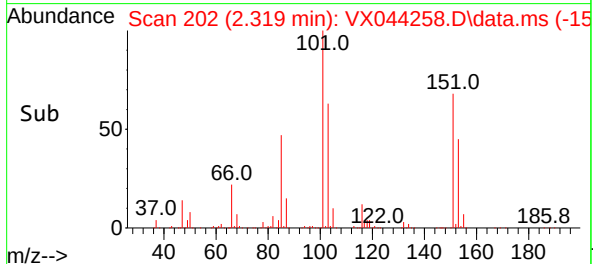
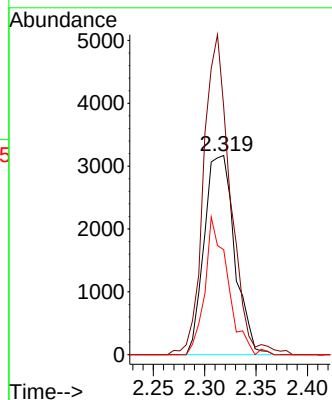
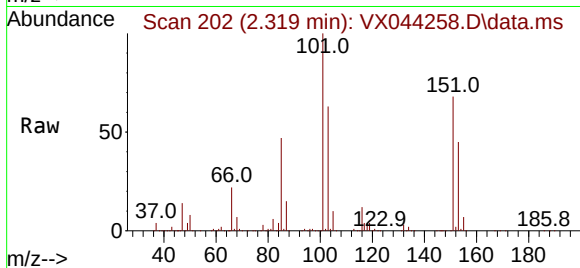
Tgt Ion: 96 Resp: 6524

Ion Ratio Lower Upper

96 100

61 122.4 138.0 207.0#

98 52.7 50.0 75.0



#13

Acrolein

Concen: 0.062 ug/l

RT: 2.184 min Scan# 180

Delta R.T. -0.055 min

Lab File: VX044258.D

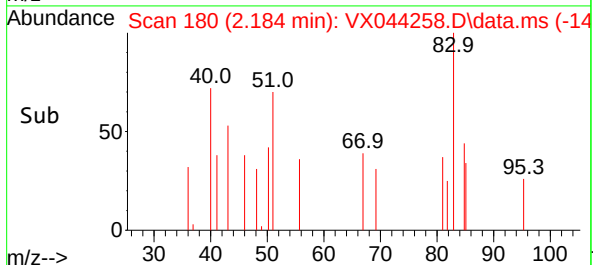
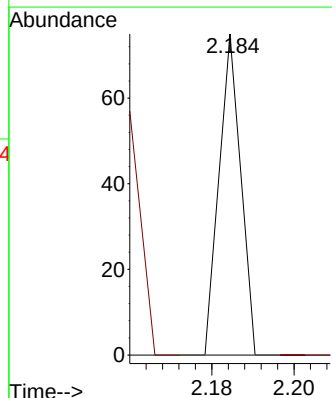
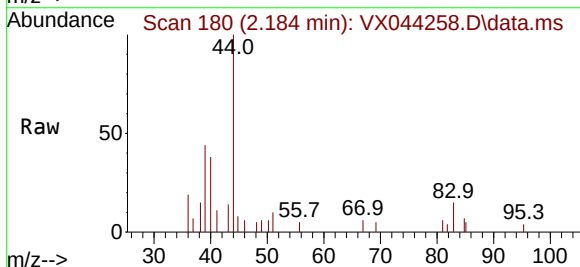
Acq: 12 Dec 2024 17:28

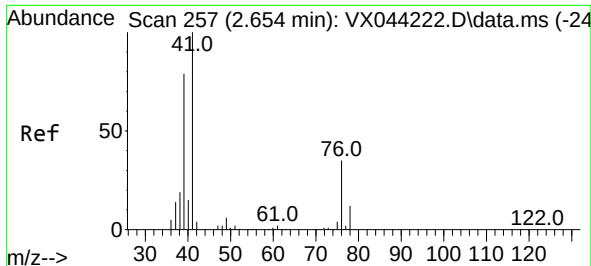
Tgt Ion: 56 Resp: 27

Ion Ratio Lower Upper

56 100

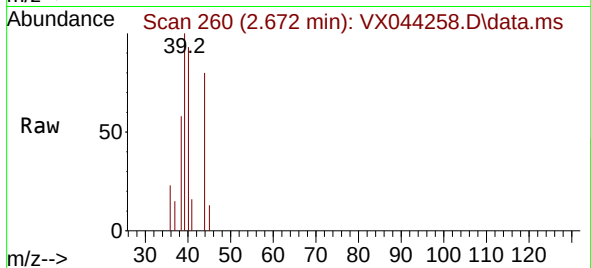
55 0.0 56.6 84.8#



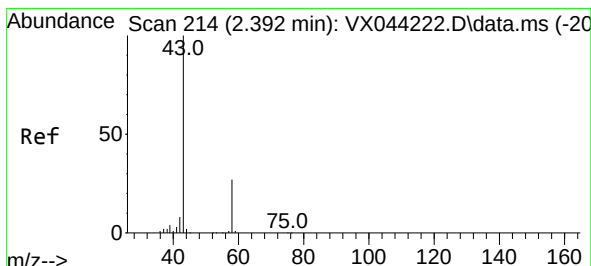
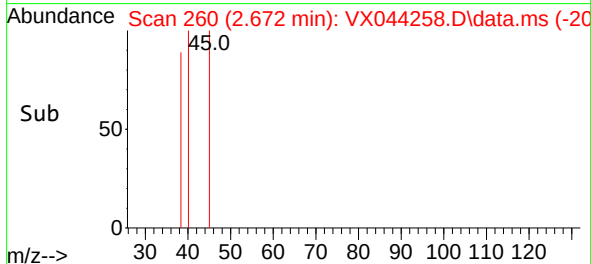
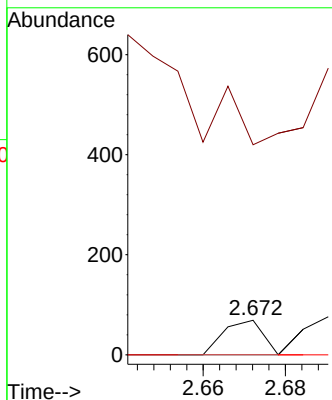


#14
 Allyl chloride
 Concen: 0.020 ug/l
 RT: 2.672 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: VX044258.D
 Acq: 12 Dec 2024 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

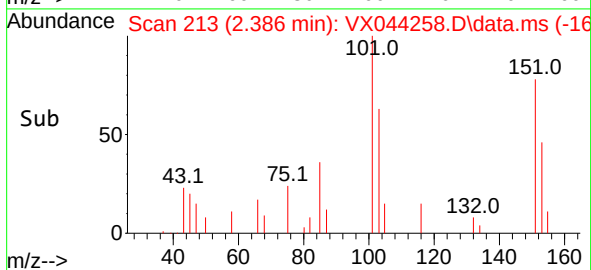
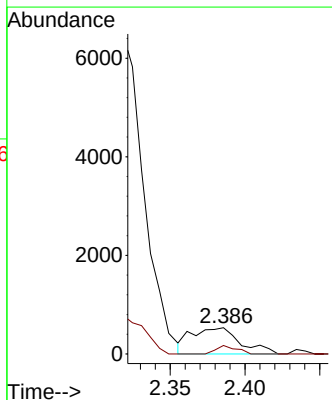
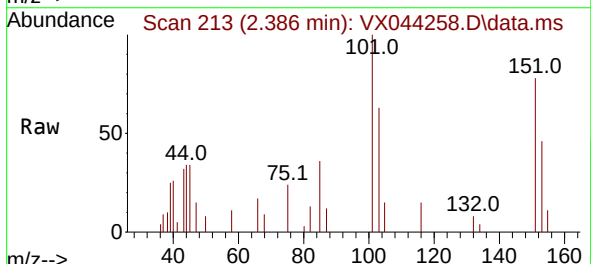


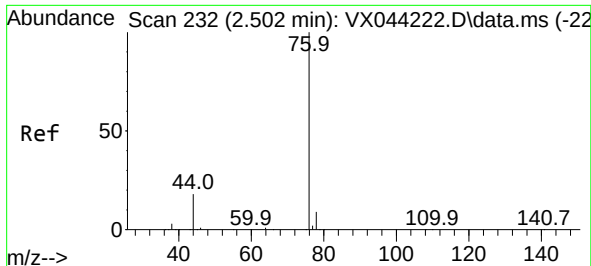
Tgt Ion: 41 Resp: 46
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.9 92.9#
 76 0.0 27.4 41.2#



#16
 Acetone
 Concen: 1.380 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX044258.D
 Acq: 12 Dec 2024 17:28

Tgt Ion: 43 Resp: 1208
 Ion Ratio Lower Upper
 43 100
 58 32.6 21.6 32.4#

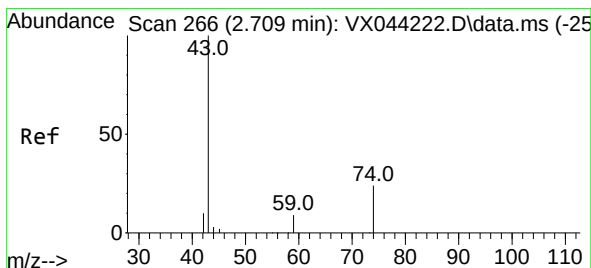
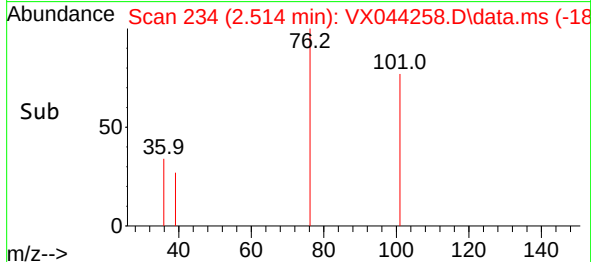
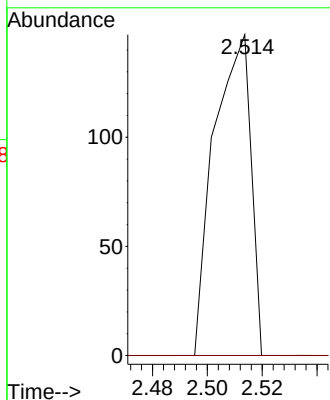
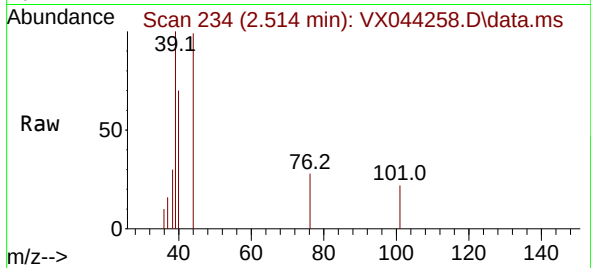




#17
Carbon Disulfide
Concen: 0.052 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

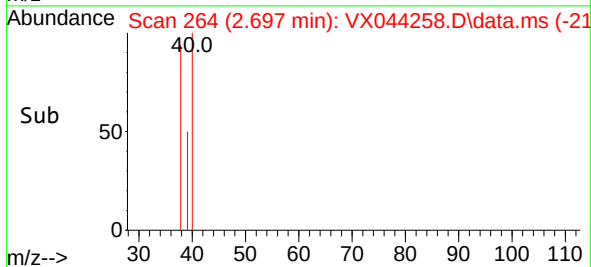
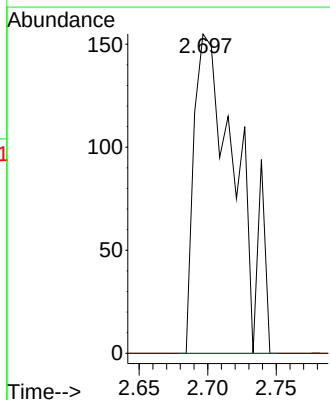
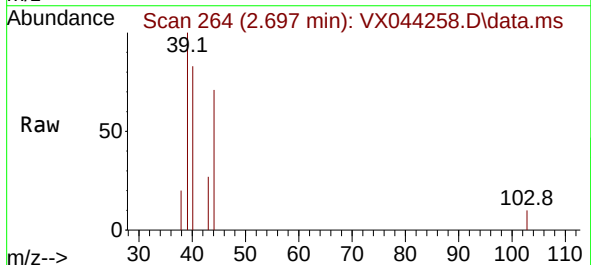
Instrument :
MSVOA_X
ClientSampleId :

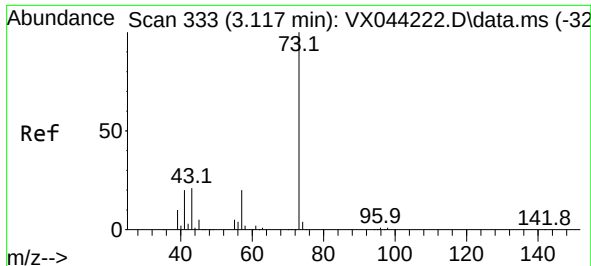
Tgt Ion: 76 Resp: 136
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.148 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#

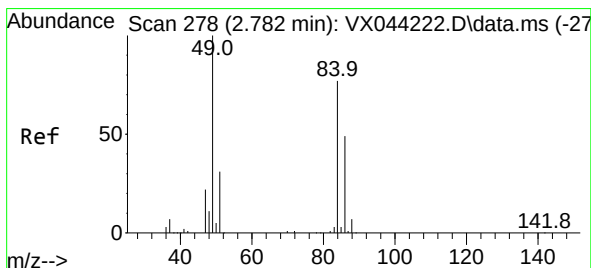
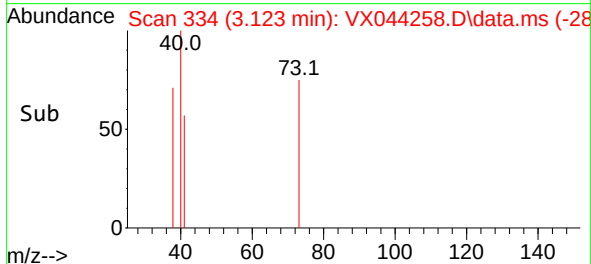
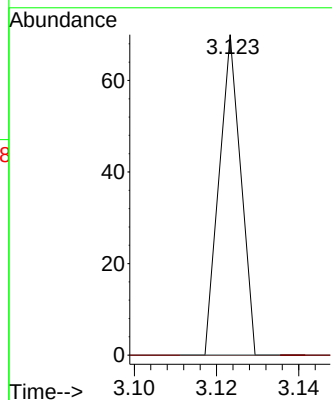
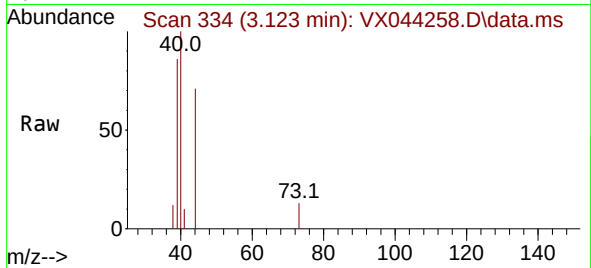




#19
Methyl tert-butyl Ether
Concen: 0.005 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

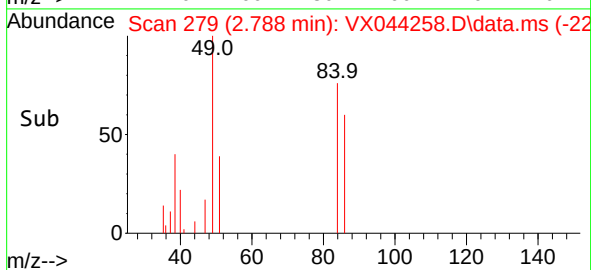
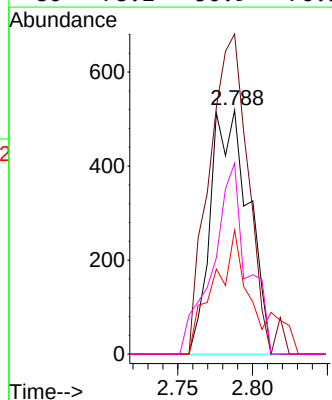
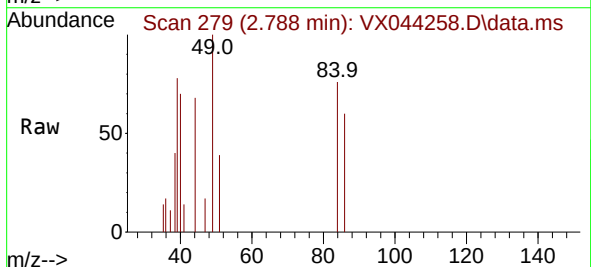
Instrument :
MSVOA_X
ClientSampleId :

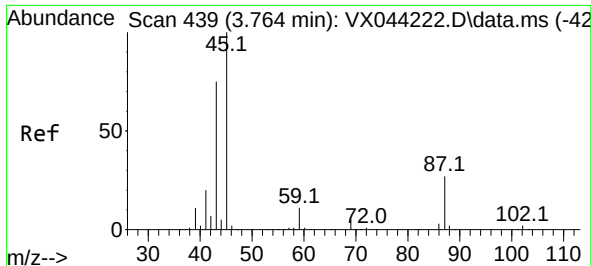
Tgt Ion: 73 Resp: 26
Ion Ratio Lower Upper
73 100
57 0.0 16.2 24.4#



#20
Methylene Chloride
Concen: 0.557 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 84 Resp: 916
Ion Ratio Lower Upper
84 100
49 131.2 104.2 156.4
51 50.9 32.2 48.4#
86 78.2 50.9 76.3#

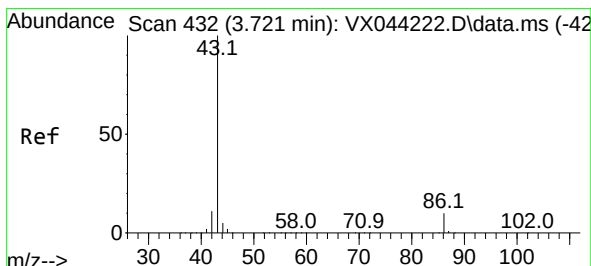
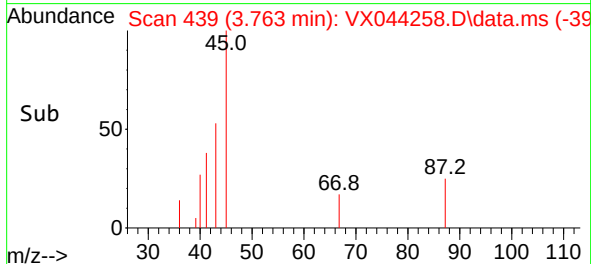
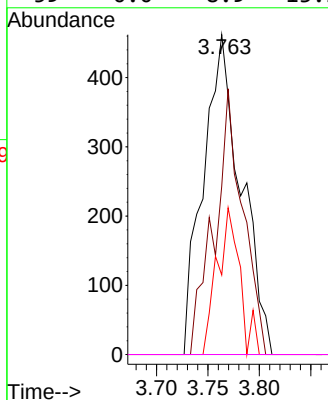
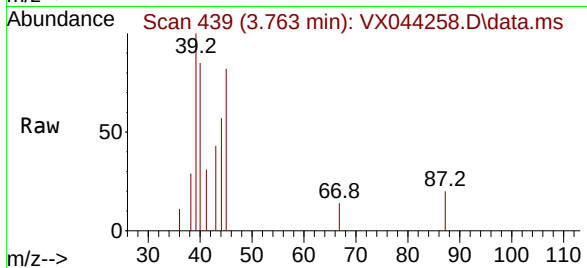




#22
Diisopropyl ether
Concen: 0.230 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

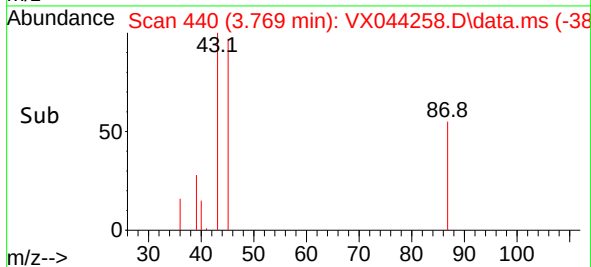
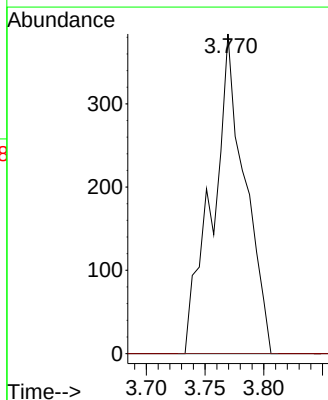
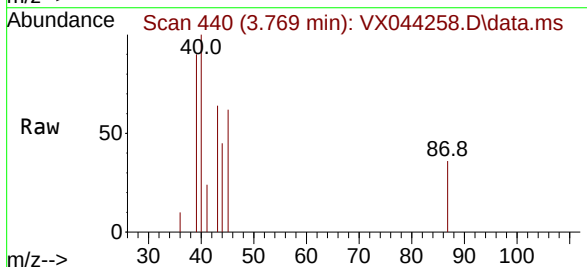
Instrument :
MSVOA_X
ClientSampleId :

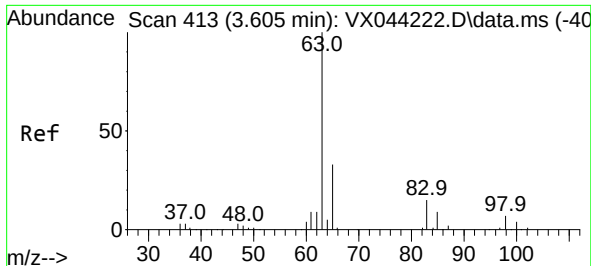
Tgt Ion:	45	Resp:	1182
Ion	Ratio	Lower	Upper
45	100		
43	52.6	60.2	90.2#
87	24.9	21.2	31.8
59	0.0	8.9	13.3#



#23
Vinyl Acetate
Concen: 0.177 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.049 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion:	43	Resp:	740
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#

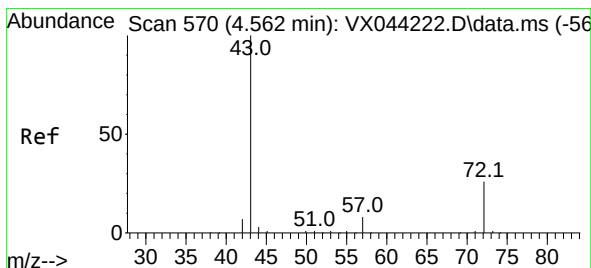
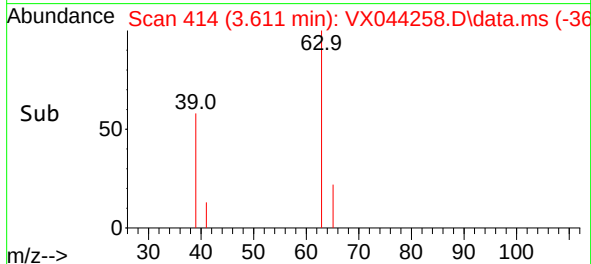
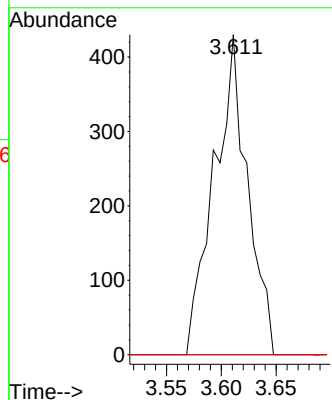
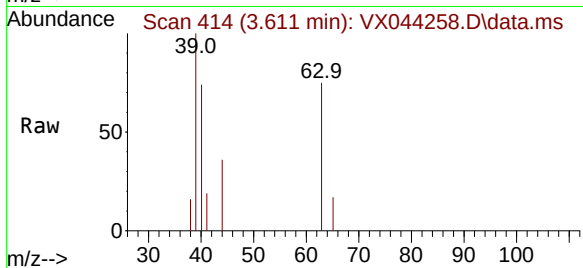




#24
1,1-Dichloroethane
Concen: 0.318 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

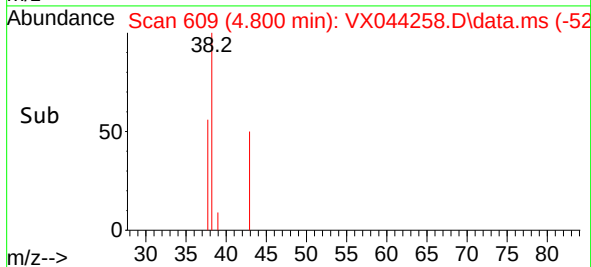
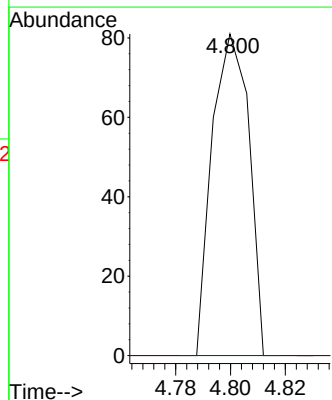
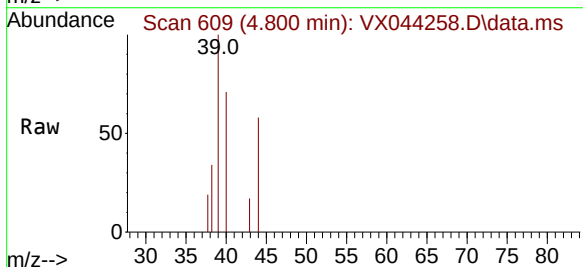
Instrument :
MSVOA_X
ClientSampleId :

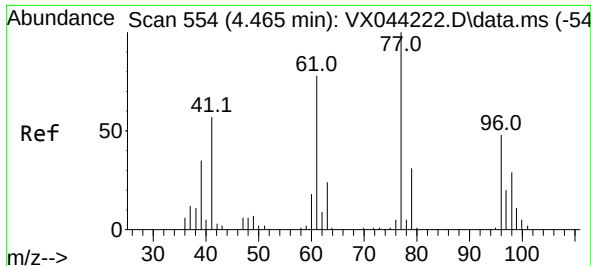
Tgt Ion: 63 Resp: 913
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.1 6.3#



#25
2-Butanone
Concen: 0.061 ug/l
RT: 4.800 min Scan# 609
Delta R.T. 0.238 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#





#26

2,2-Dichloropropane

Concen: 0.009 ug/l

RT: 4.495 min Scan# 554

Delta R.T. 0.030 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

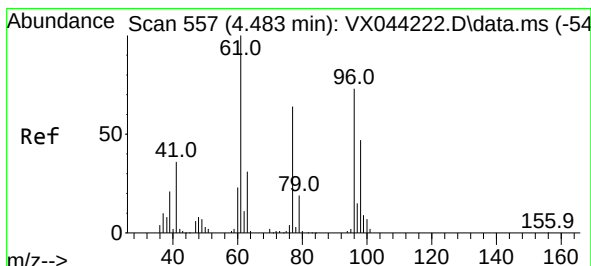
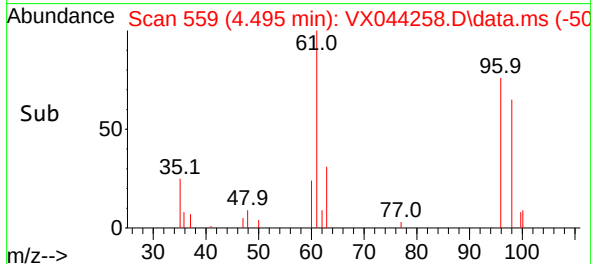
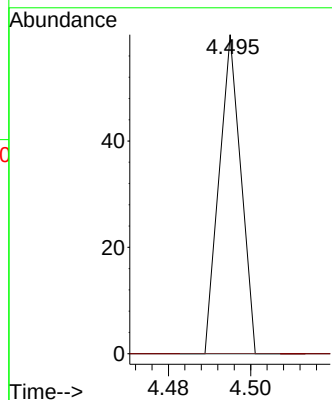
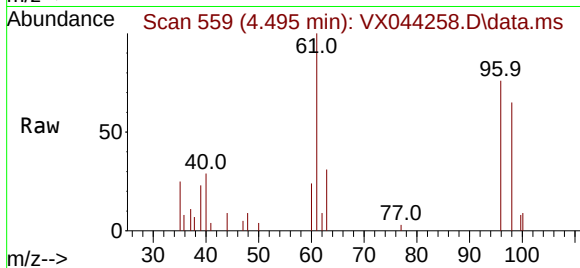
ClientSampleId :

Tgt Ion: 77 Resp: 22

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#



#27

cis-1,2-Dichloroethene

Concen: 2.630 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

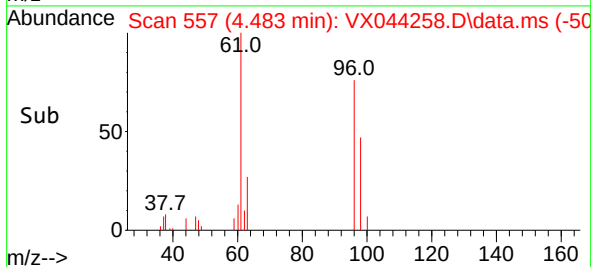
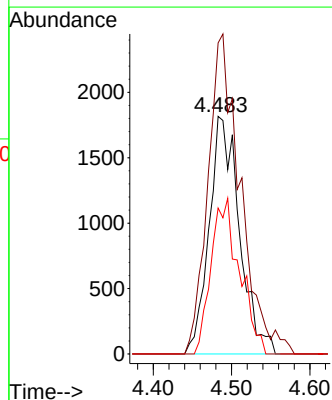
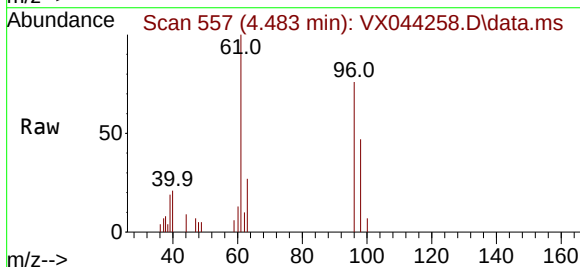
Tgt Ion: 96 Resp: 4871

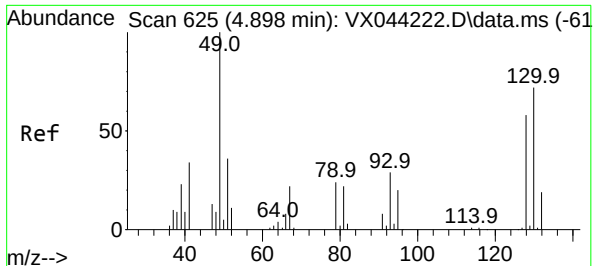
Ion Ratio Lower Upper

96 100

61 144.0 0.0 299.0

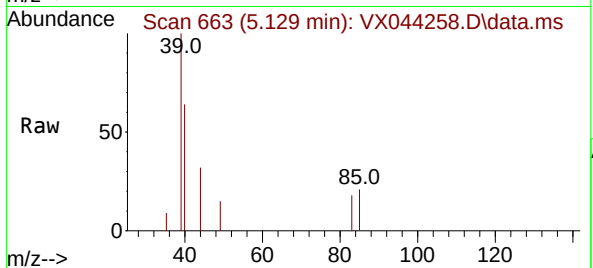
98 61.7 0.0 129.0



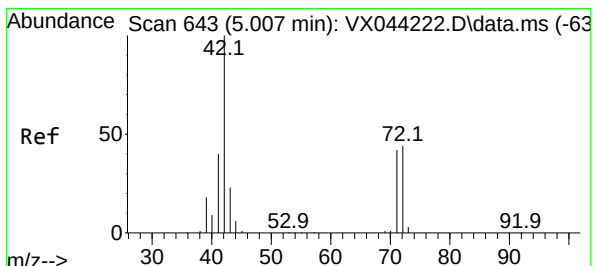
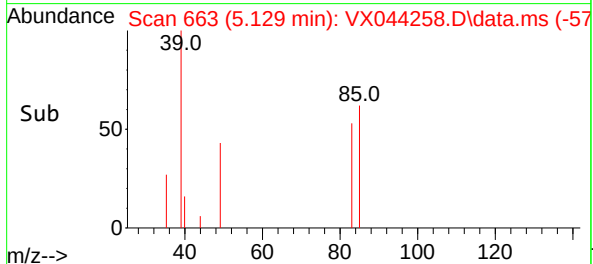
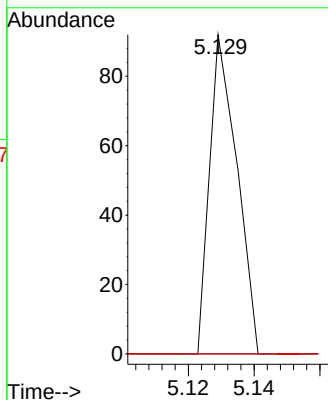


#28
Bromochloromethane
Concen: 0.038 ug/l
RT: 5.129 min Scan# 60
Delta R.T. 0.231 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :

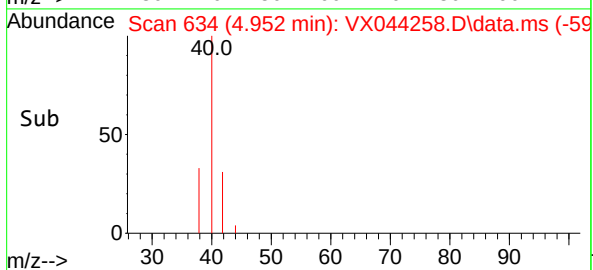
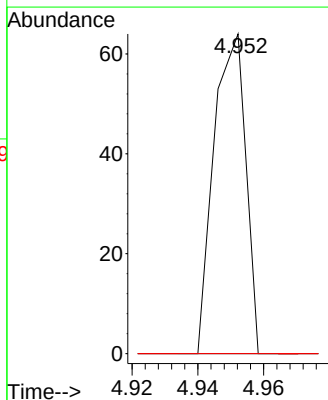
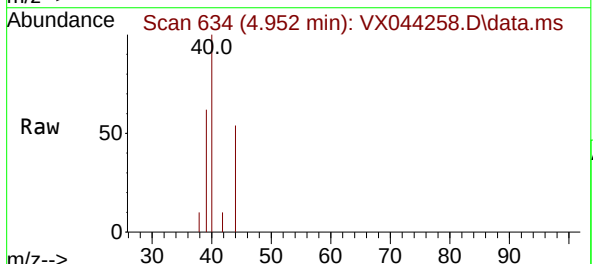


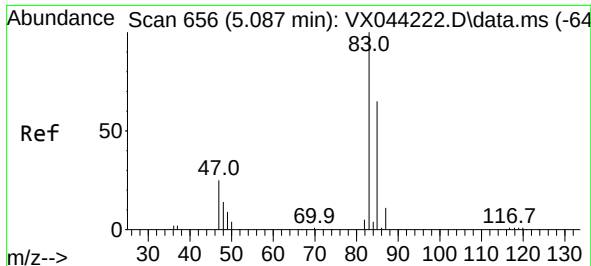
Tgt Ion: 49 Resp: 53
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.1 93.1#



#29
Tetrahydrofuran
Concen: 0.054 ug/l
RT: 4.952 min Scan# 634
Delta R.T. -0.055 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 42 Resp: 43
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.6#
71 0.0 33.6 50.4#





#30

Chloroform

Concen: 0.313 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

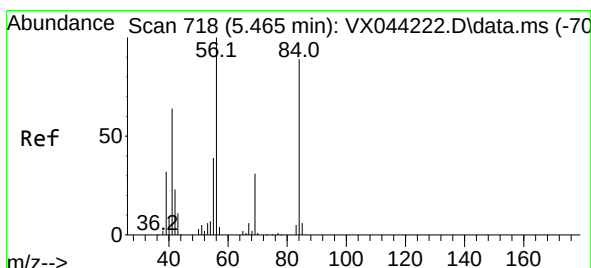
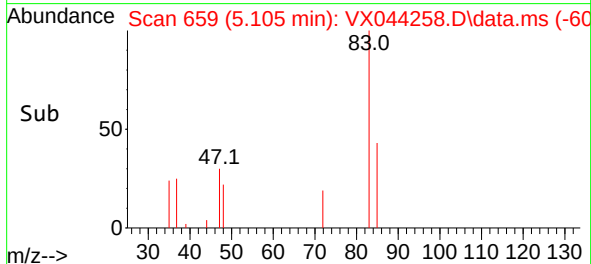
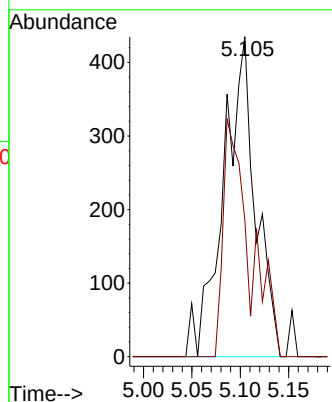
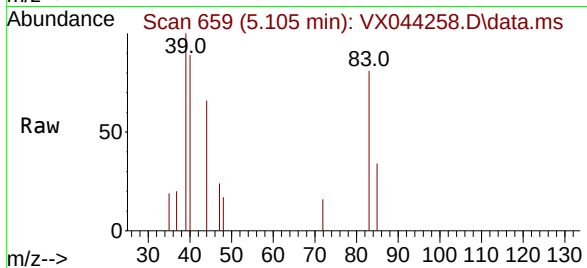
ClientSampleId :

Tgt Ion: 83 Resp: 1010

Ion Ratio Lower Upper

83 100

85 42.8 51.6 77.4#



#31

Cyclohexane

Concen: 1.517 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

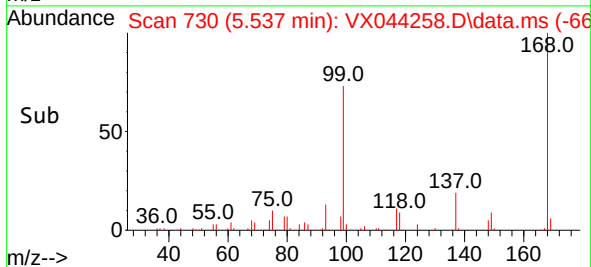
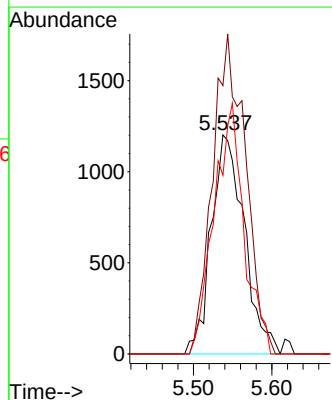
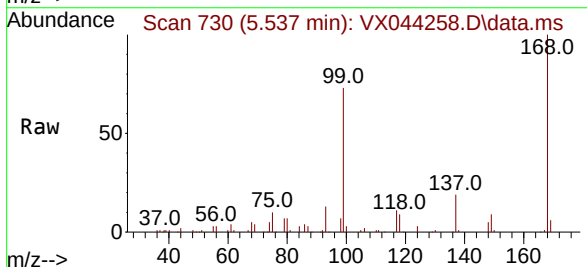
Tgt Ion: 56 Resp: 3514

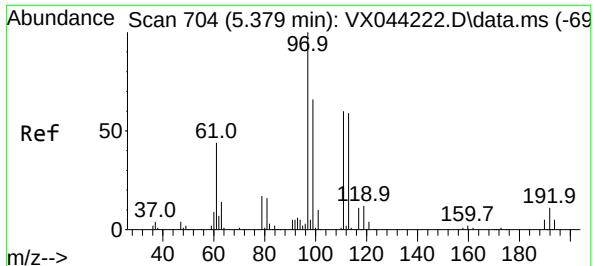
Ion Ratio Lower Upper

56 100

69 122.5 24.7 37.1#

84 81.6 71.0 106.6

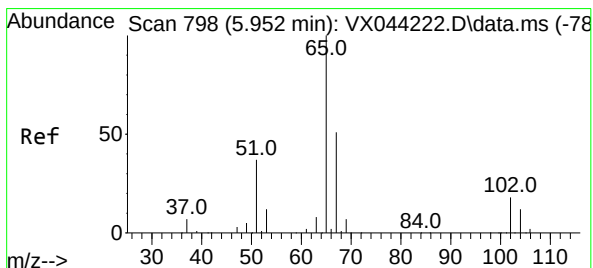
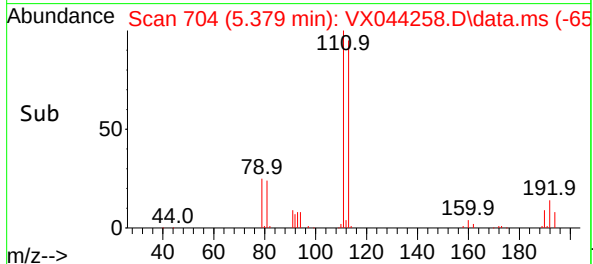
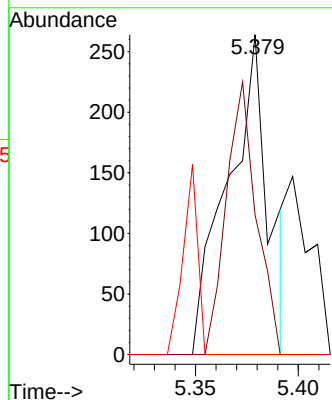
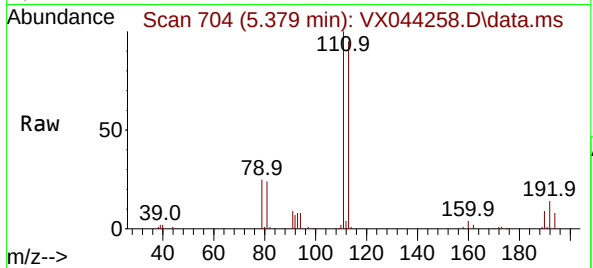




#32
1,1,1-Trichloroethane
Concen: 0.136 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

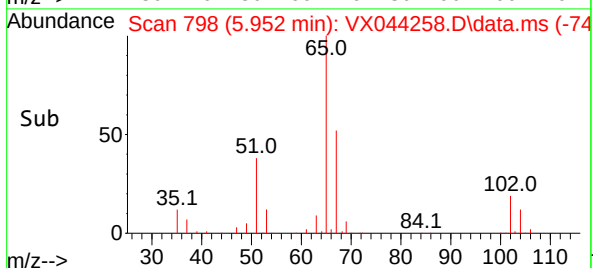
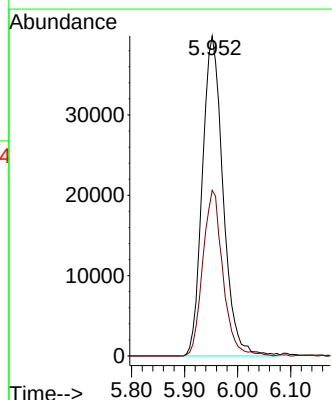
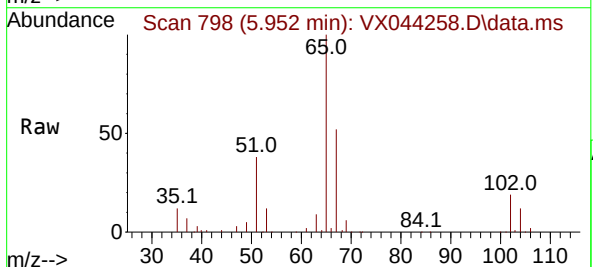
Instrument :
MSVOA_X
ClientSampleId :

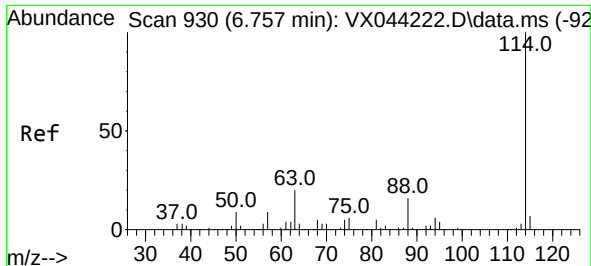
Tgt Ion: 97 Resp: 364
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 35.2 52.8#



#33
1,2-Dichloroethane-d4
Concen: 50.402 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

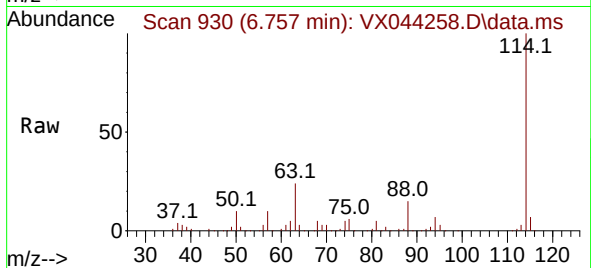
Tgt Ion: 65 Resp: 108191
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6



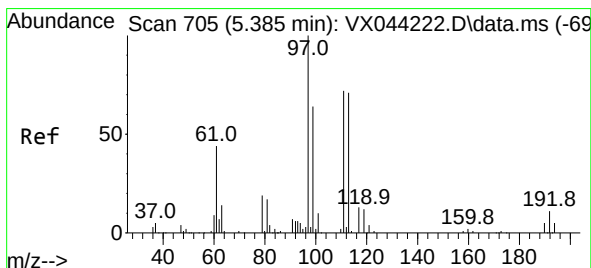
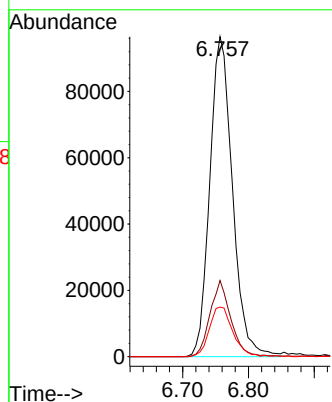
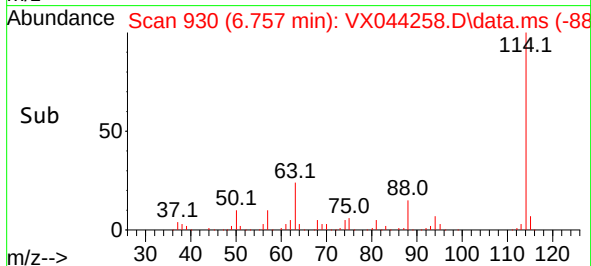


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :

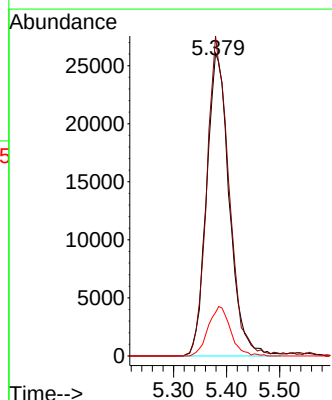
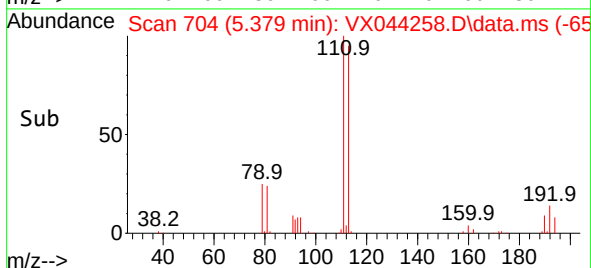
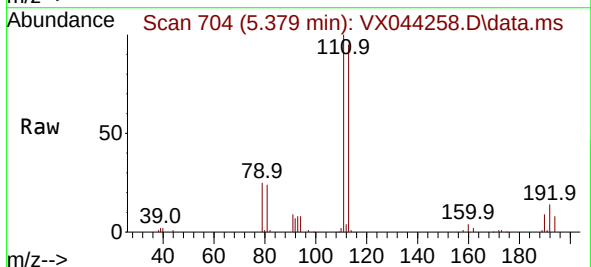


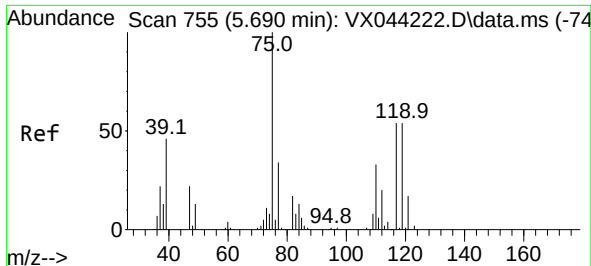
Tgt Ion:114 Resp: 231364
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.6
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.506 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

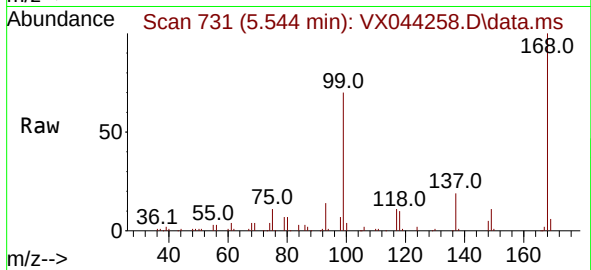
Tgt Ion:113 Resp: 77727
Ion Ratio Lower Upper
113 100
111 102.2 80.4 120.6
192 16.0 13.3 19.9



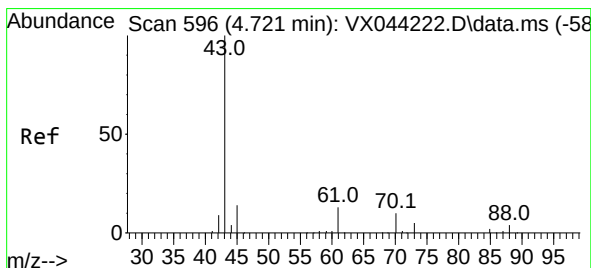
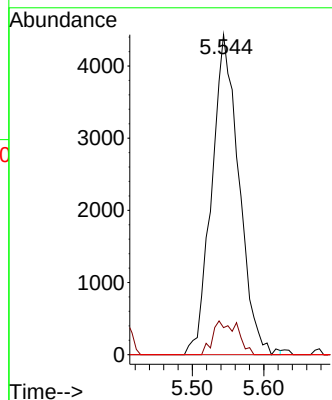
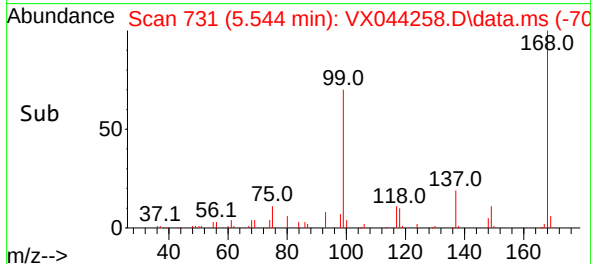


#36
1,1-Dichloropropene
Concen: 5.678 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :

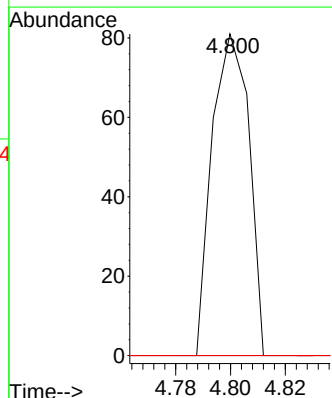
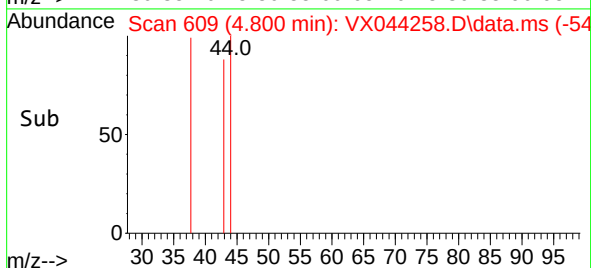
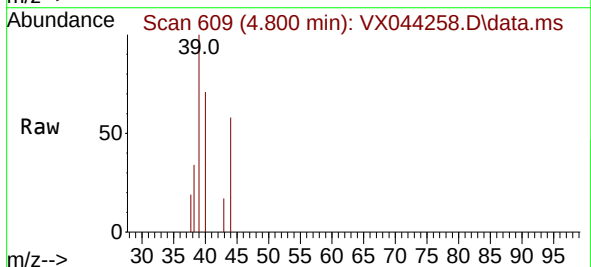


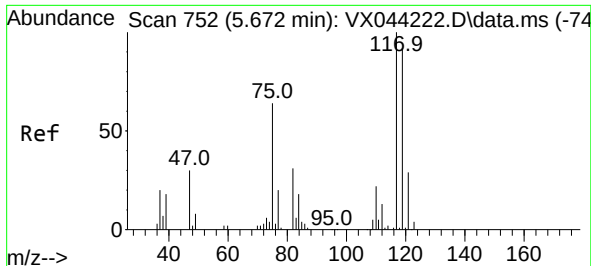
Tgt Ion: 75 Resp: 11762
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.7#
77 0.0 25.4 38.0#



#37
Ethyl Acetate
Concen: 0.030 ug/l
RT: 4.800 min Scan# 609
Delta R.T. 0.079 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

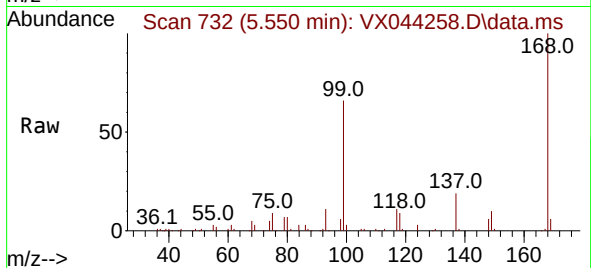
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 7.7 11.5#



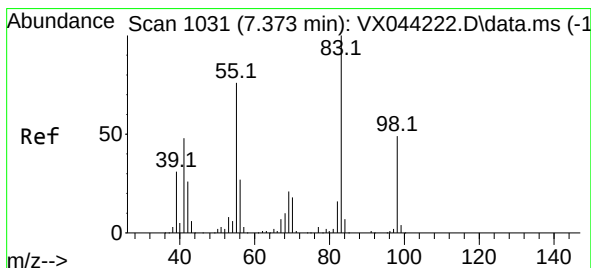
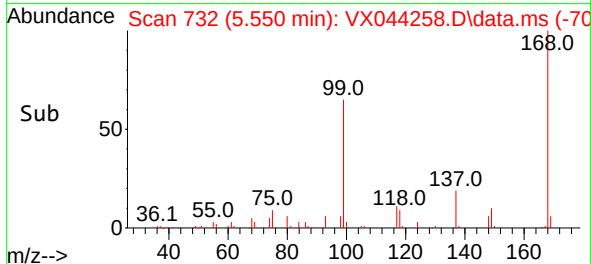
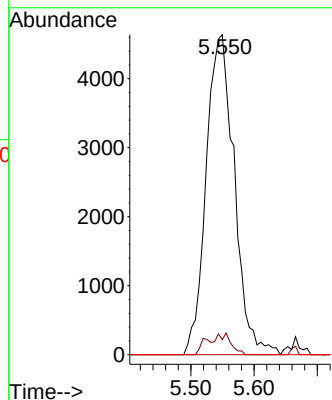


#38
Carbon Tetrachloride
Concen: 6.431 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :

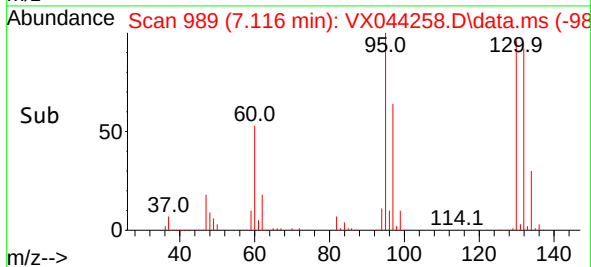
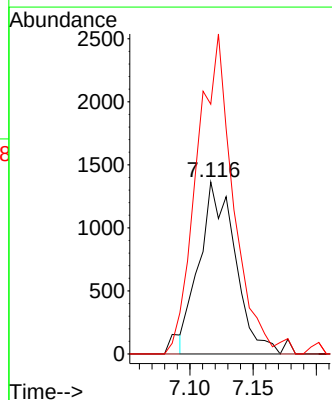
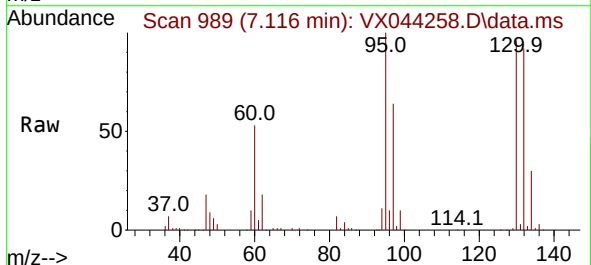


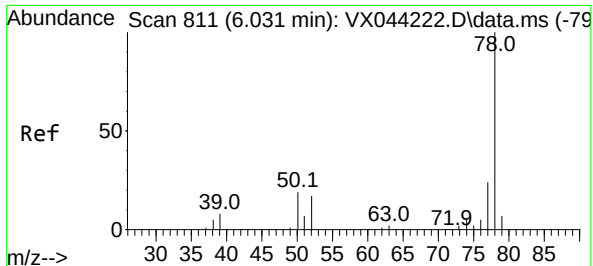
Tgt Ion:117 Resp: 14341
Ion Ratio Lower Upper
117 100
119 4.7 74.2 111.4#
121 0.0 23.0 34.6#



#39
Methylcyclohexane
Concen: 1.086 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.256 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 83 Resp: 2689
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 138.6 38.9 58.3#

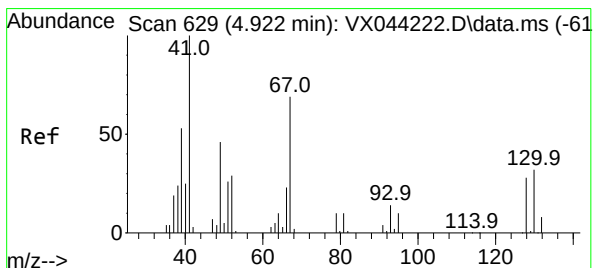
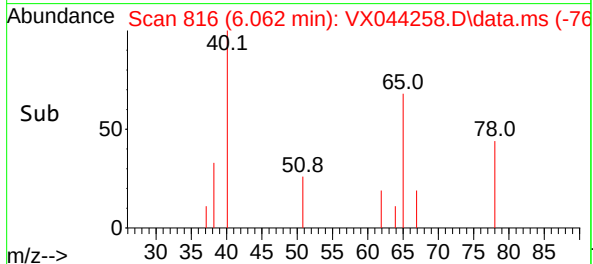
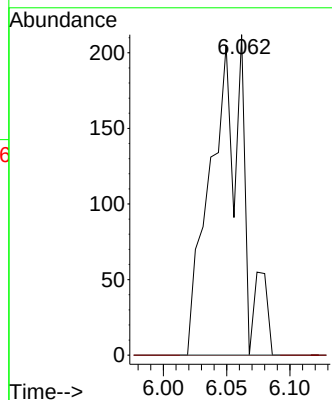
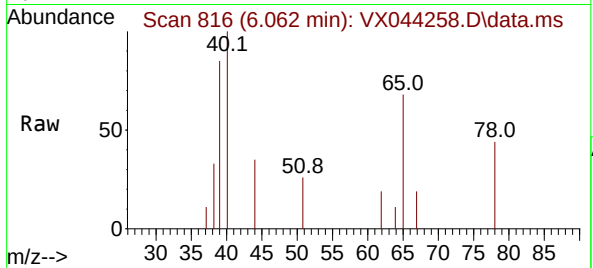




#40
Benzene
Concen: 0.060 ug/l
RT: 6.062 min Scan# 811
Delta R.T. 0.030 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

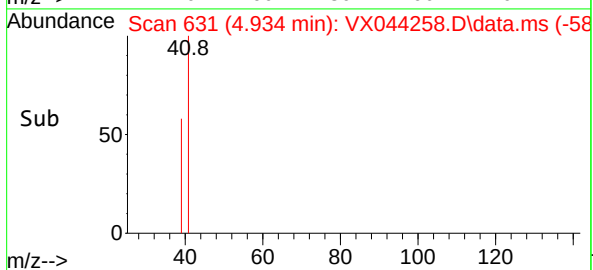
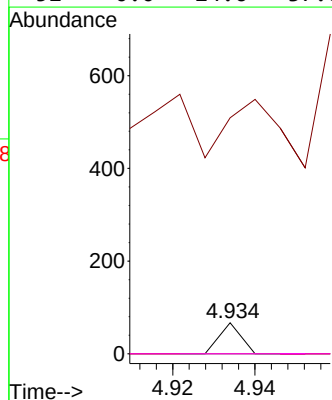
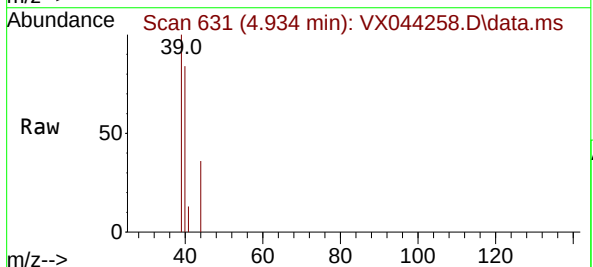
Instrument :
MSVOA_X
ClientSampleId :

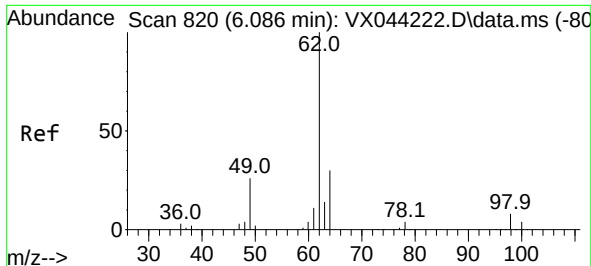
Tgt Ion: 78 Resp: 379
Ion Ratio Lower Upper
78 100
77 0.0 19.3 28.9#



#41
Methacrylonitrile
Concen: 0.018 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.012 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 41 Resp: 25
Ion Ratio Lower Upper
41 100
39 500.0 44.2 66.4#
67 0.0 57.2 85.8#
52 0.0 24.6 37.0#





#42

1,2-Dichloroethane

Concen: 0.438 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

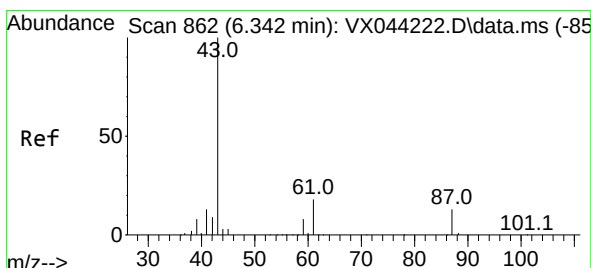
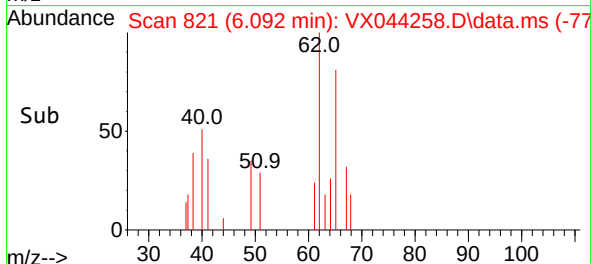
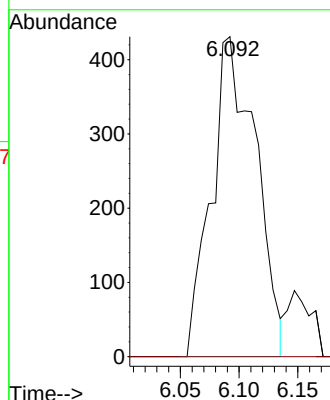
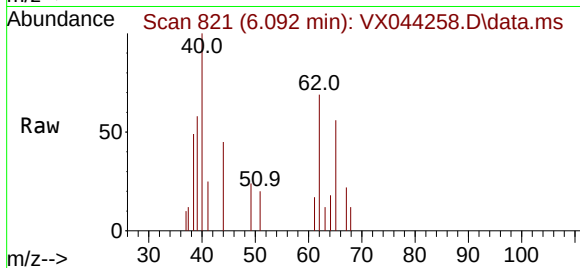
ClientSampleId :

Tgt Ion: 62 Resp: 1134

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 0.008 ug/l

RT: 6.385 min Scan# 869

Delta R.T. 0.042 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

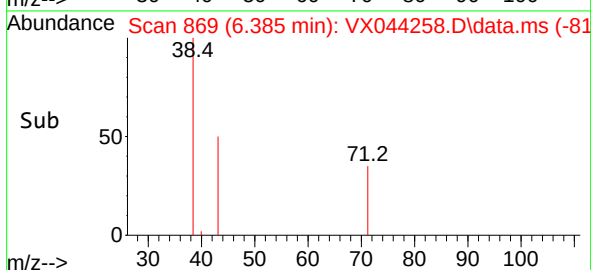
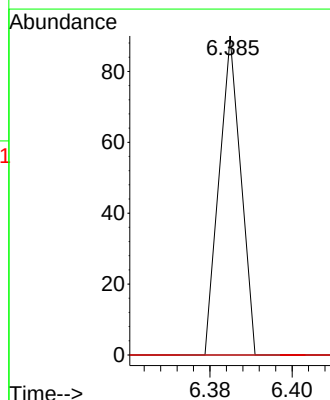
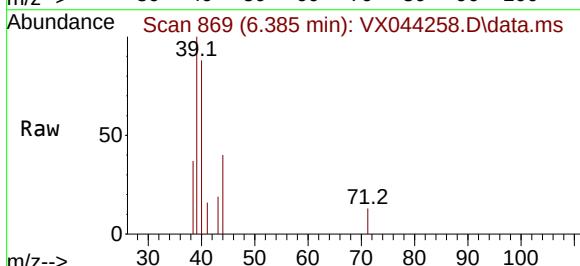
Tgt Ion: 43 Resp: 33

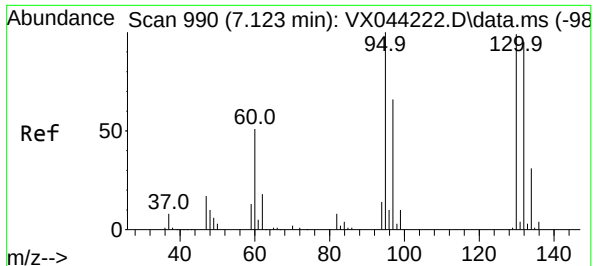
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 10.2 15.2#

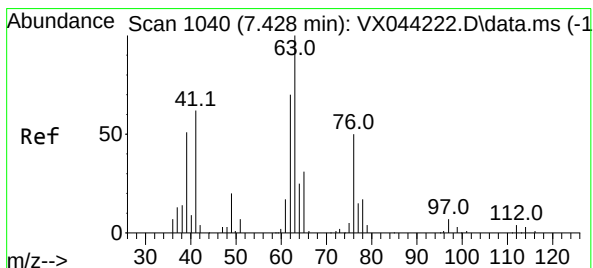
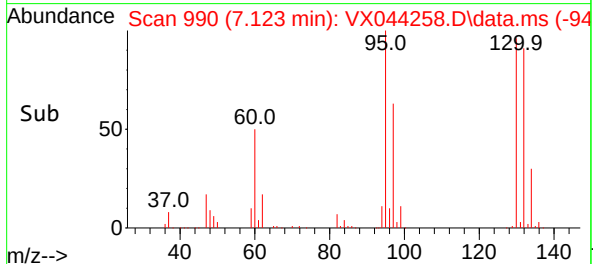
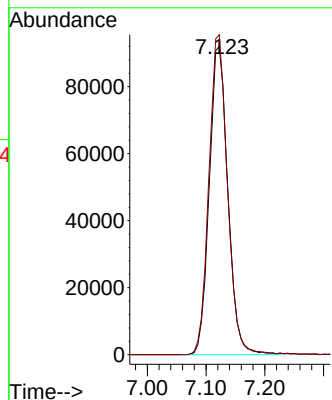
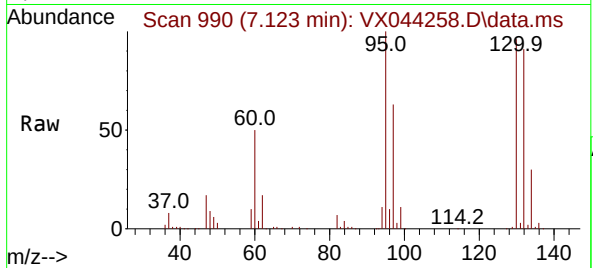




#44
Trichloroethene
Concen: 128.922 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

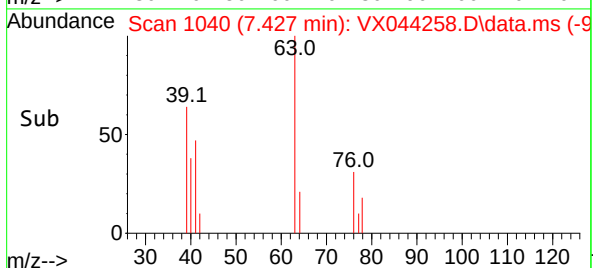
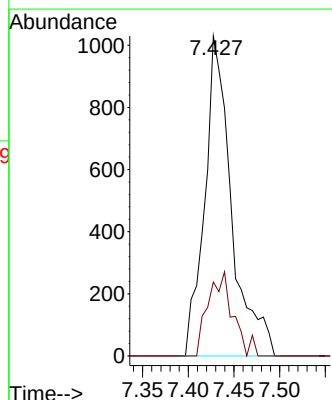
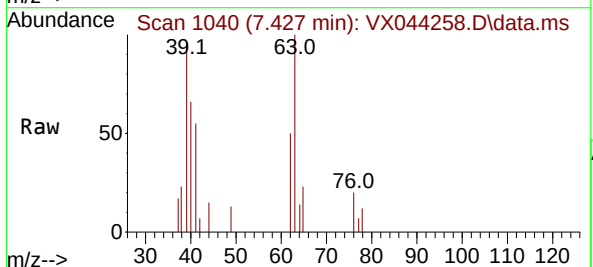
Instrument :
MSVOA_X
ClientSampleId :

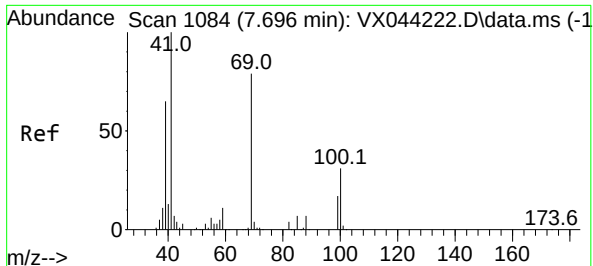
Tgt Ion:130 Resp: 202187
Ion Ratio Lower Upper
130 100
95 103.8 0.0 201.4



#45
1,2-Dichloropropane
Concen: 1.313 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 63 Resp: 2110
Ion Ratio Lower Upper
63 100
65 23.1 24.6 37.0#





#48

Methyl methacrylate

Concen: 0.143 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

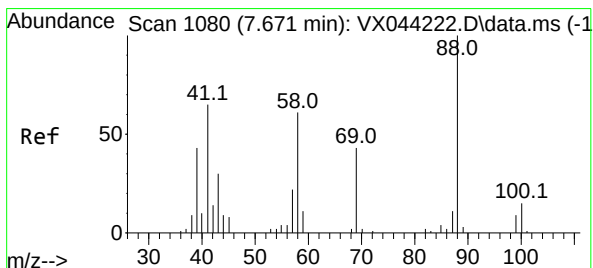
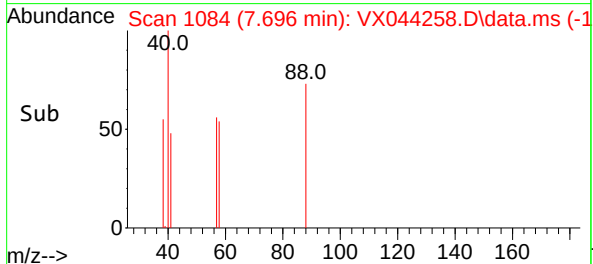
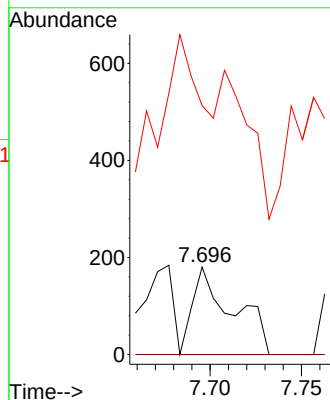
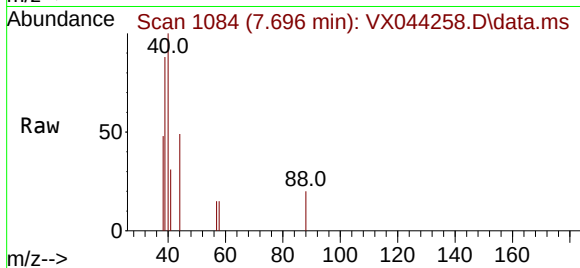
Tgt Ion: 41 Resp: 277

Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 0.0 53.3 79.9#



#49

1,4-Dioxane

Concen: 8.290 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

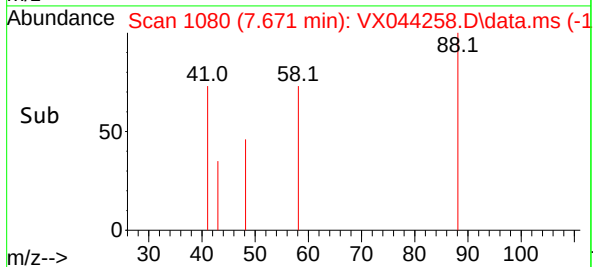
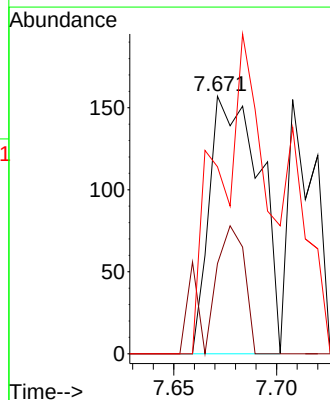
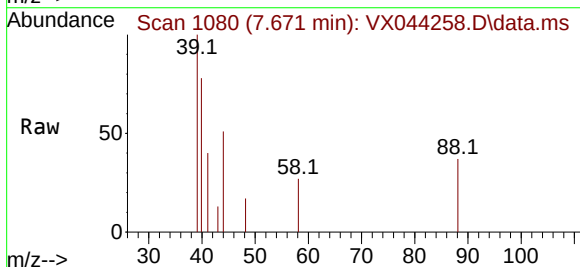
Tgt Ion: 88 Resp: 267

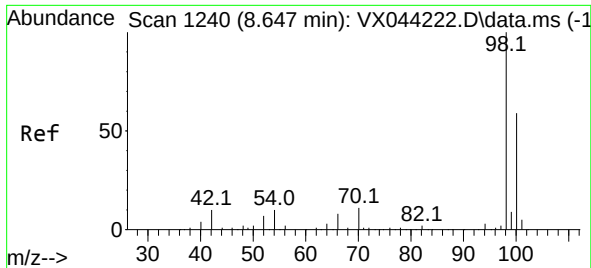
Ion Ratio Lower Upper

88 100

43 34.8 27.1 40.7

58 114.6 41.0 61.4#

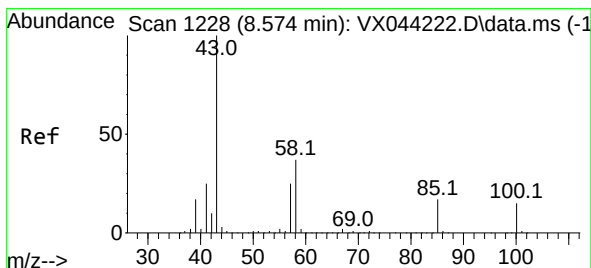
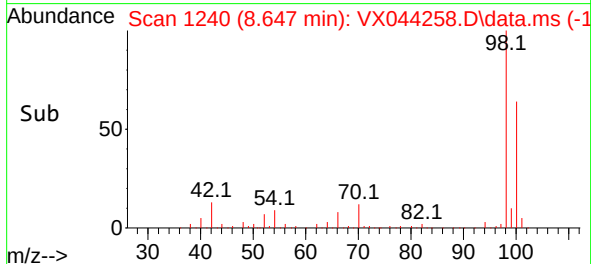
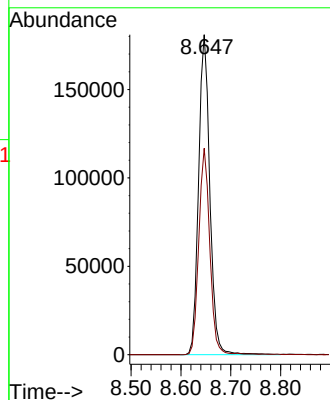
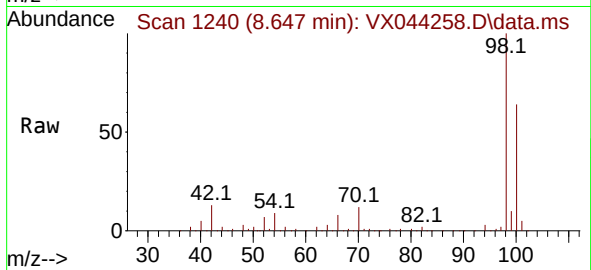




#50
Toluene-d8
Concen: 52.374 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

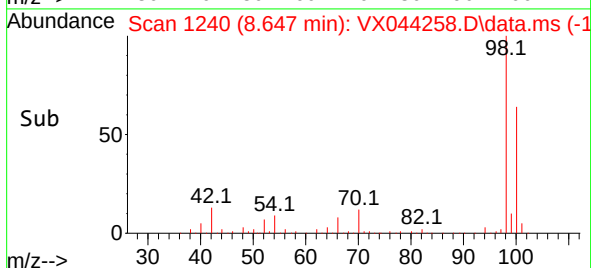
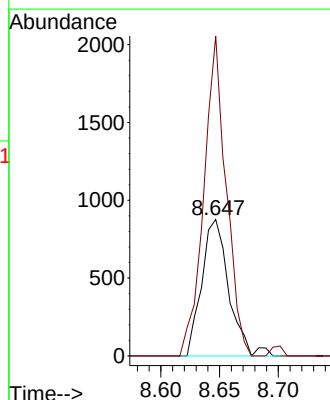
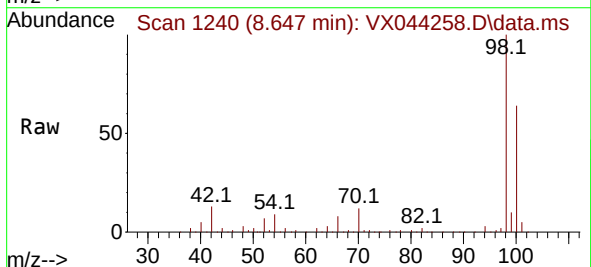
Instrument :
MSVOA_X
ClientSampleId :

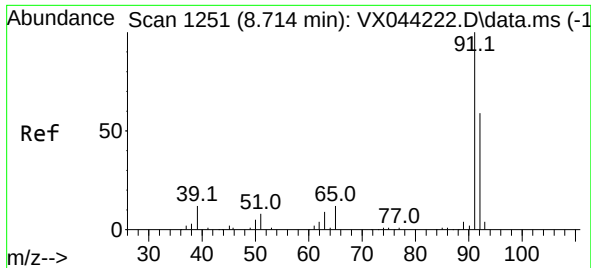
Tgt Ion: 98 Resp: 283136
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
58 193.6 29.4 44.0#





#52

Toluene

Concen: 0.058 ug/l

RT: 8.714 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

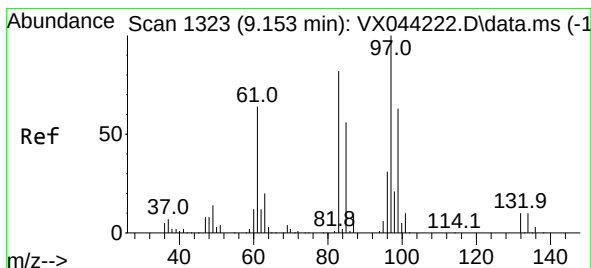
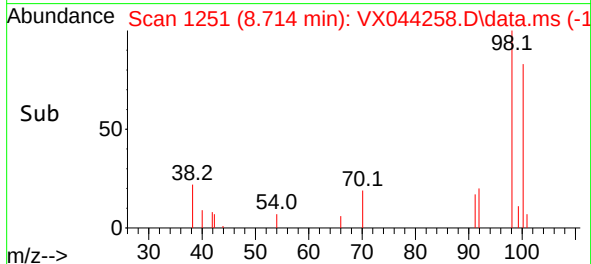
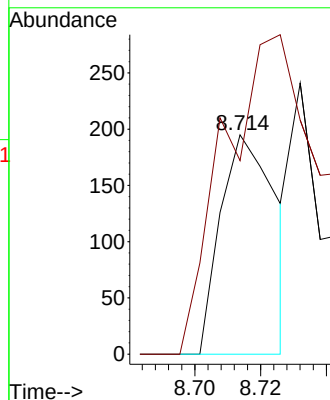
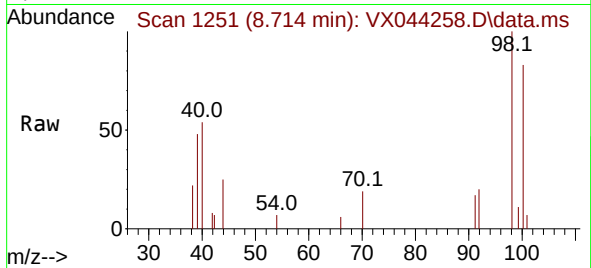
ClientSampleId :

Tgt Ion: 92 Resp: 228

Ion Ratio Lower Upper

92 100

91 264.9 137.0 205.6#



#55

1,1,2-Trichloroethane

Concen: 0.113 ug/l

RT: 9.165 min Scan# 1325

Delta R.T. 0.012 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Tgt Ion: 97 Resp: 178

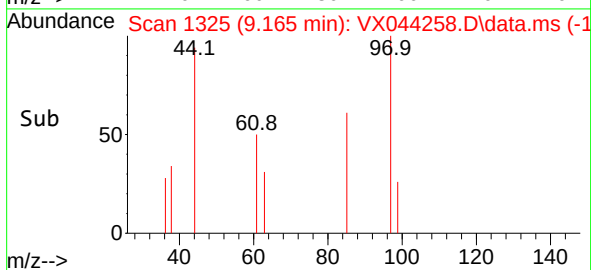
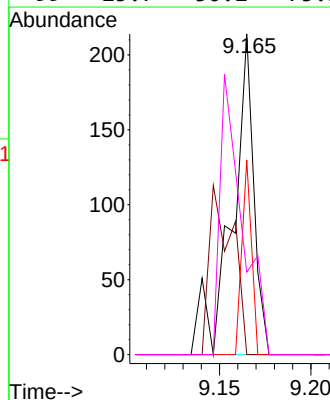
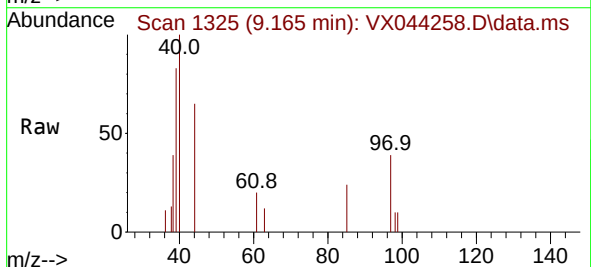
Ion Ratio Lower Upper

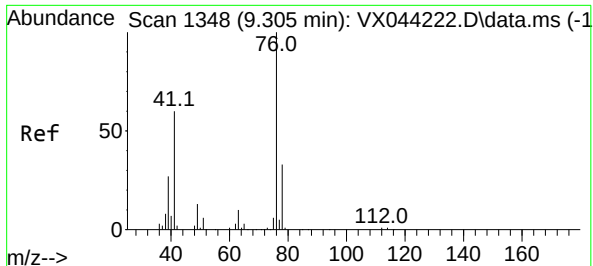
97 100

83 0.0 65.3 97.9#

85 60.7 44.6 67.0

99 25.7 50.2 75.2#





#57

1,3-Dichloropropane

Concen: 0.019 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

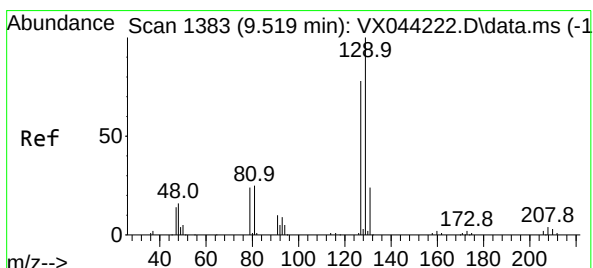
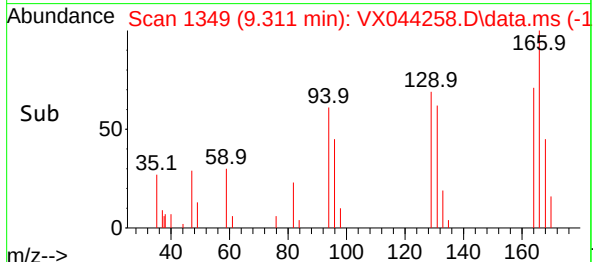
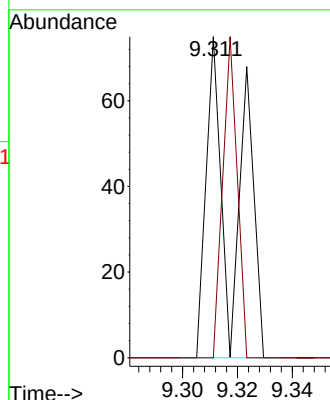
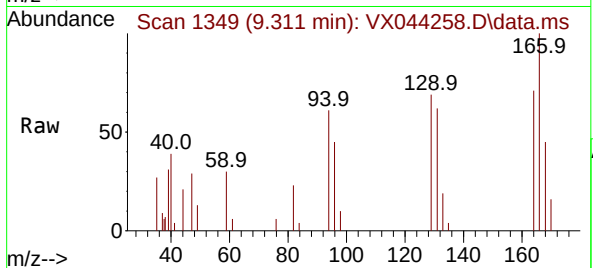
ClientSampleId :

Tgt Ion: 76 Resp: 52

Ion Ratio Lower Upper

76 100

78 51.9 26.5 39.7#



#60

Dibromochloromethane

Concen: 132.309 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX044258.D

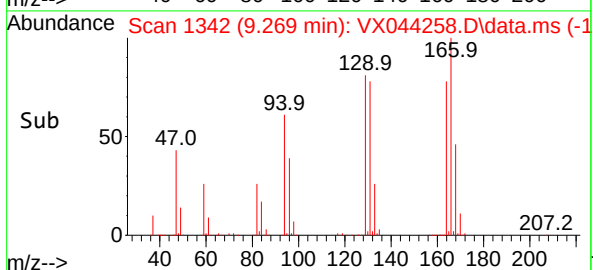
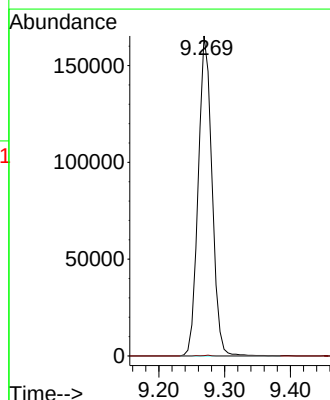
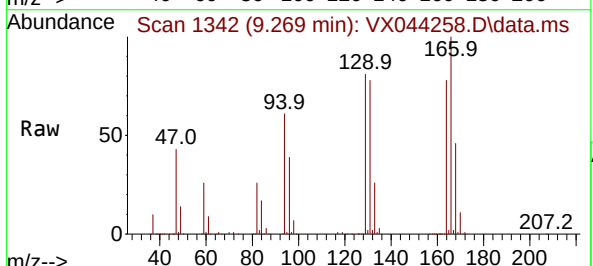
Acq: 12 Dec 2024 17:28

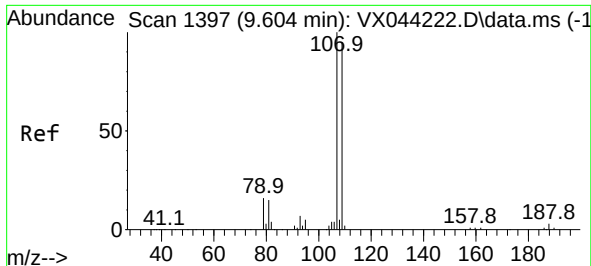
Tgt Ion:129 Resp: 239858

Ion Ratio Lower Upper

129 100

127 0.2 38.5 115.3#

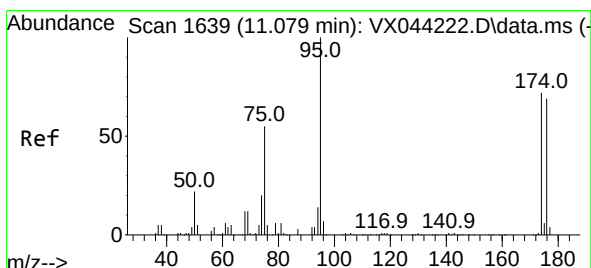
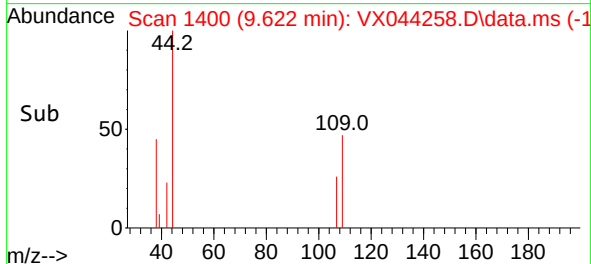
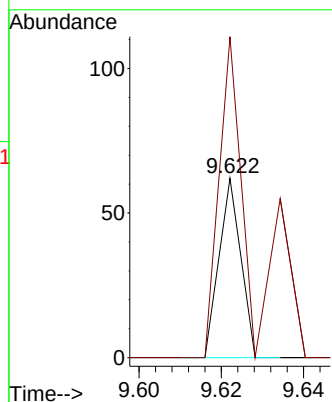
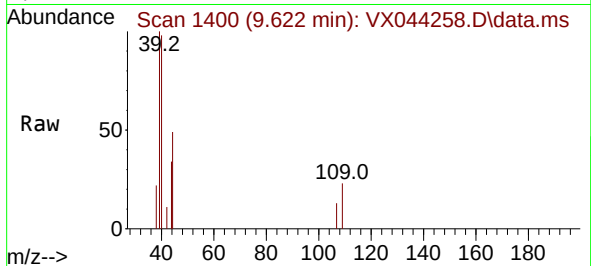




#61
1,2-Dibromoethane
Concen: 0.014 ug/l
RT: 9.622 min Scan# 1400
Delta R.T. 0.018 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

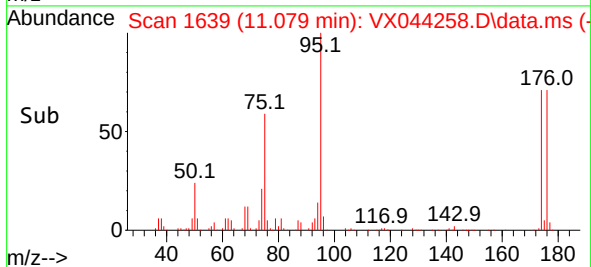
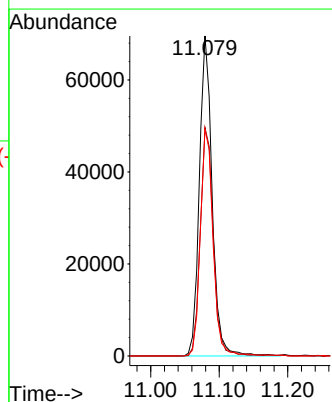
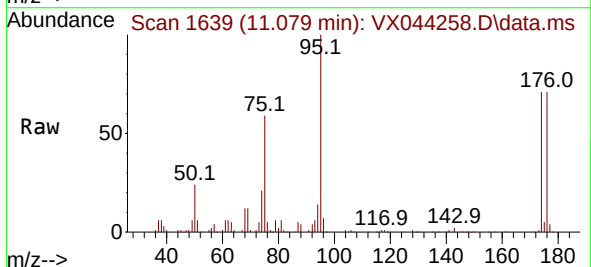
Instrument :
MSVOA_X
ClientSampleId :

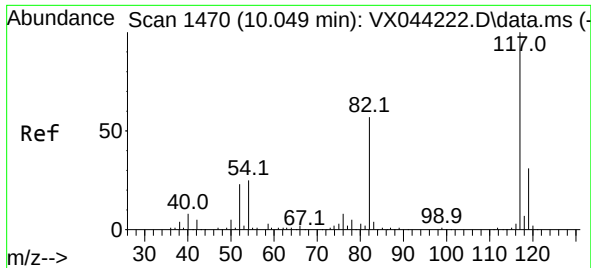
Tgt Ion:107 Resp: 23
Ion Ratio Lower Upper
107 100
109 265.2 77.0 115.4#



#62
4-Bromofluorobenzene
Concen: 48.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 95 Resp: 90678
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.8
176 70.7 0.0 137.8

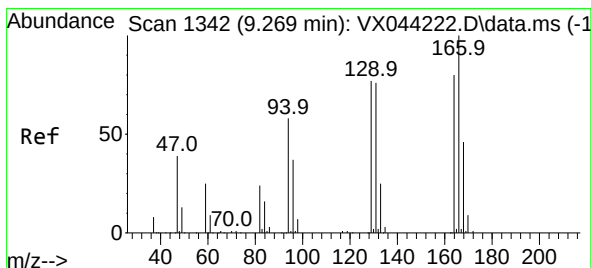
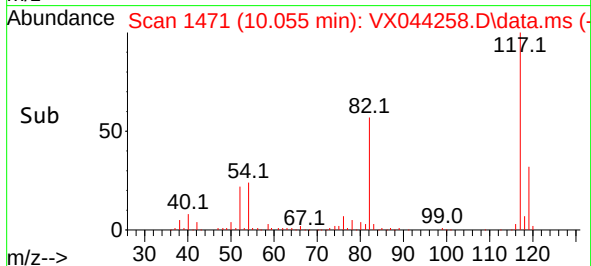
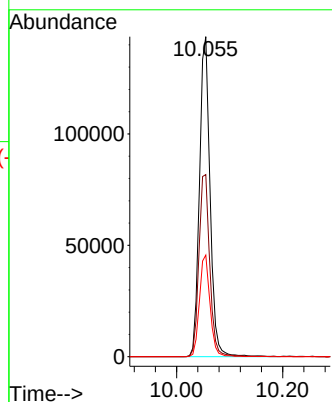
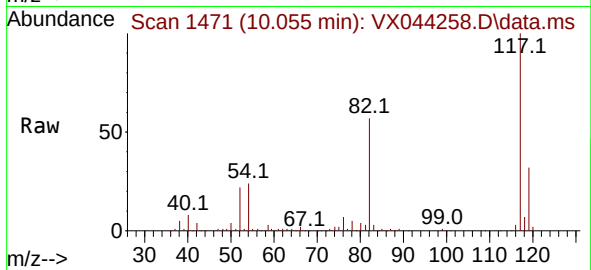




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

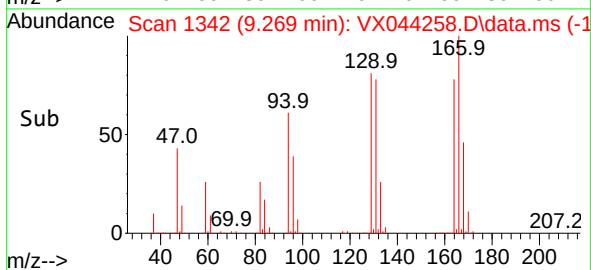
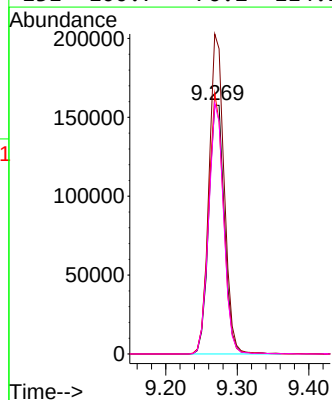
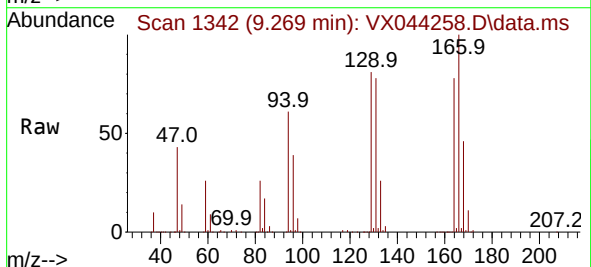
Instrument :
MSVOA_X
ClientSampleId :

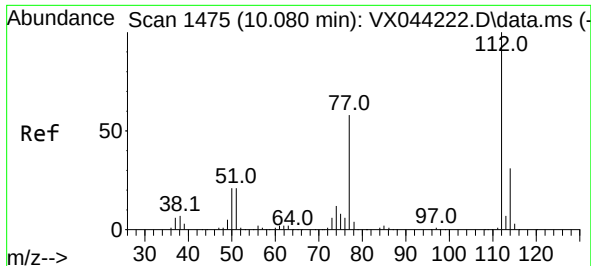
Tgt Ion:117 Resp: 199778
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.8
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 181.071 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion:164 Resp: 240093
Ion Ratio Lower Upper
164 100
166 128.6 100.4 150.6
129 104.7 77.2 115.8
131 100.7 76.2 114.2

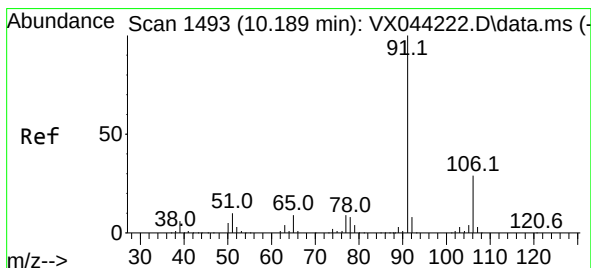
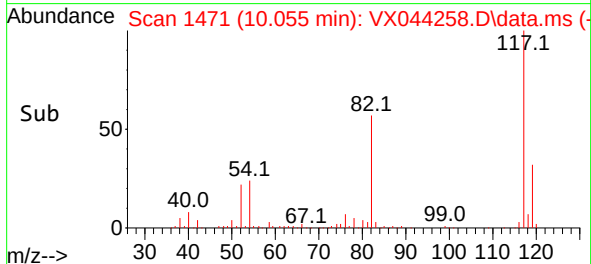
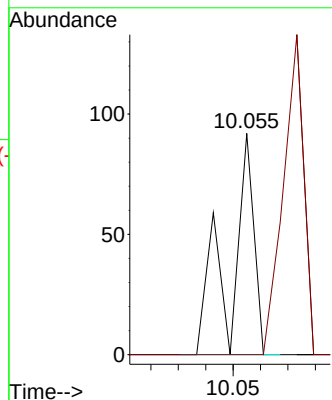
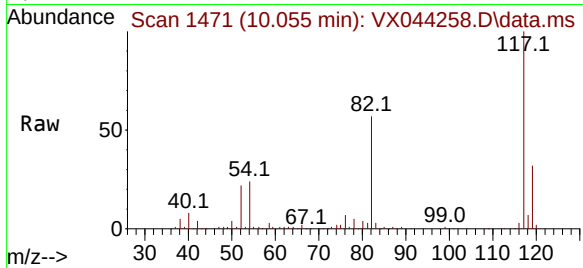




#65
Chlorobenzene
Concen: 0.013 ug/l
RT: 10.055 min Scan# 1475
Delta R.T. -0.025 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

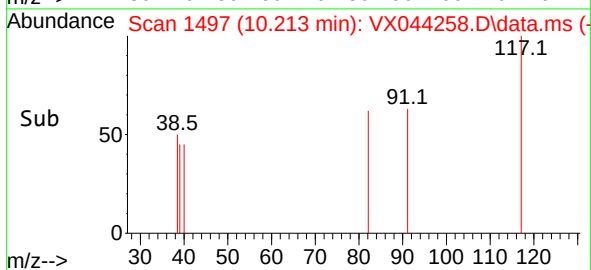
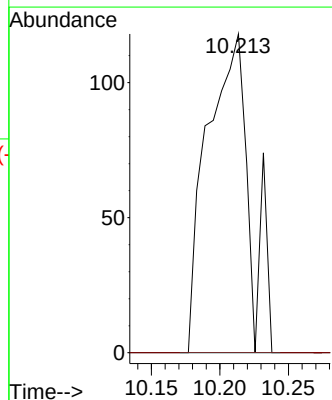
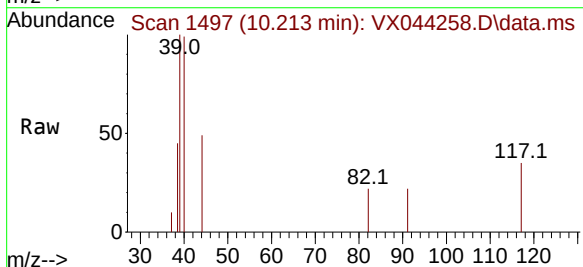
Instrument :
MSVOA_X
ClientSampleId :

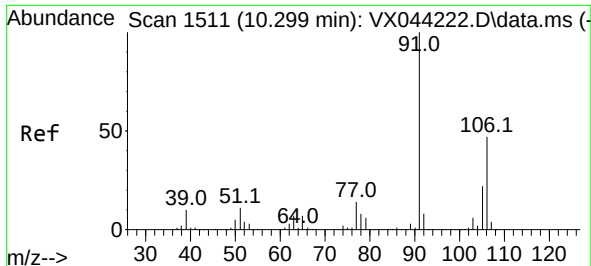
Tgt Ion:112 Resp: 55
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.6#



#67
Ethyl Benzene
Concen: 0.034 ug/l
RT: 10.213 min Scan# 1497
Delta R.T. 0.024 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 91 Resp: 254
Ion Ratio Lower Upper
91 100
106 0.0 23.5 35.3#

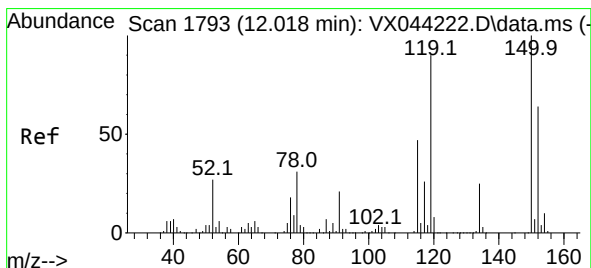
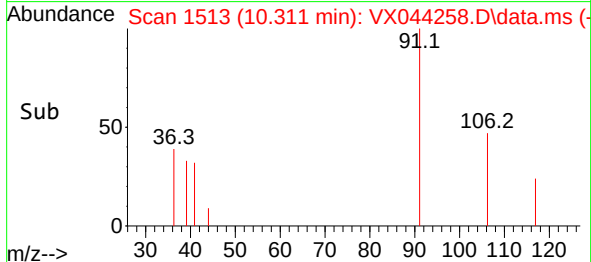
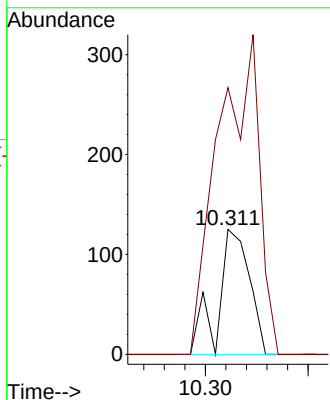
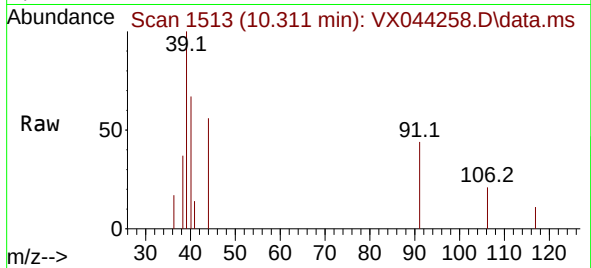




#68
m/p-Xylenes
Concen: 0.049 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

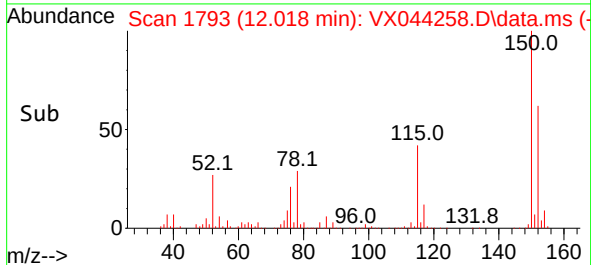
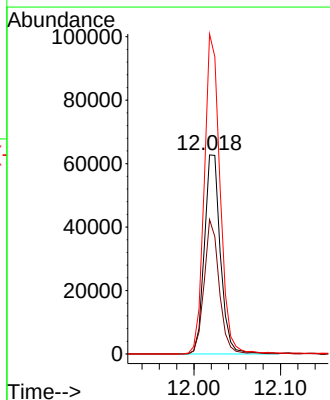
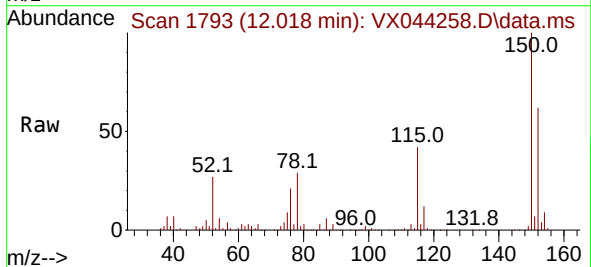
Instrument :
MSVOA_X
ClientSampleId :

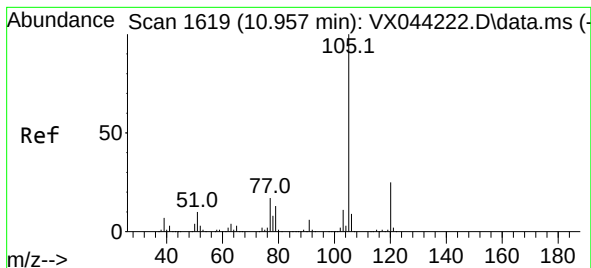
Tgt Ion:106 Resp: 133
Ion Ratio Lower Upper
106 100
91 332.3 170.2 255.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion:152 Resp: 80802
Ion Ratio Lower Upper
152 100
115 63.4 44.5 133.3
150 158.4 0.0 353.8





#73

Isopropylbenzene

Concen: 0.023 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.122 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

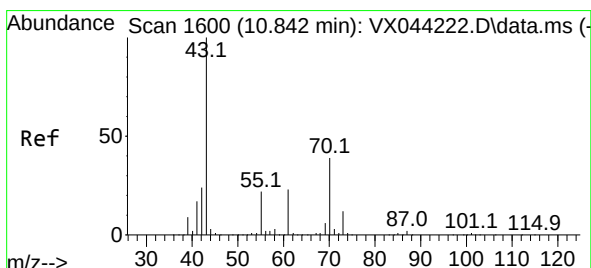
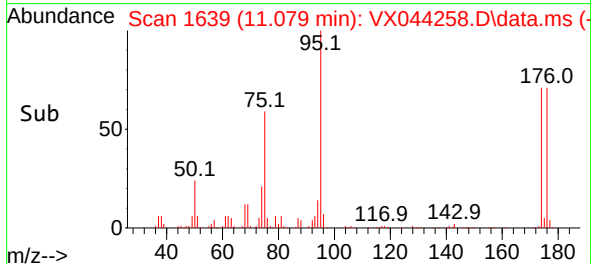
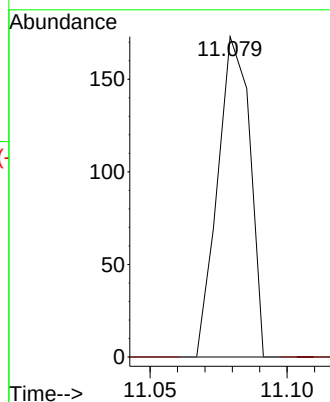
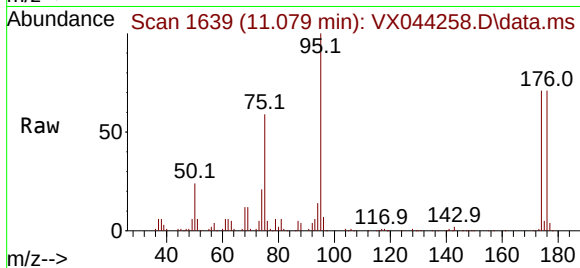
ClientSampleId :

Tgt Ion:105 Resp: 142

Ion Ratio Lower Upper

105 100

120 0.0 13.1 39.3#



#74

N-ethyl acetate

Concen: 0.009 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. -0.012 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Tgt Ion: 43 Resp: 26

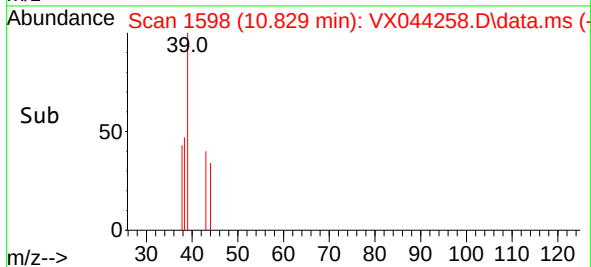
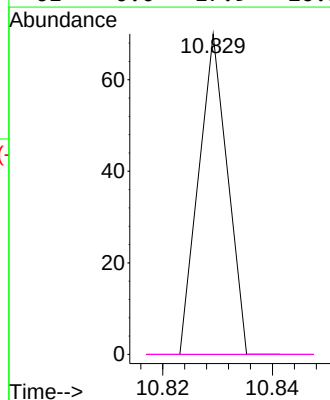
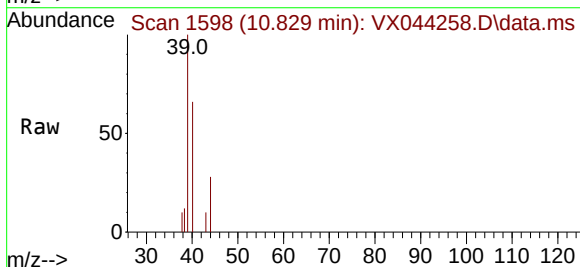
Ion Ratio Lower Upper

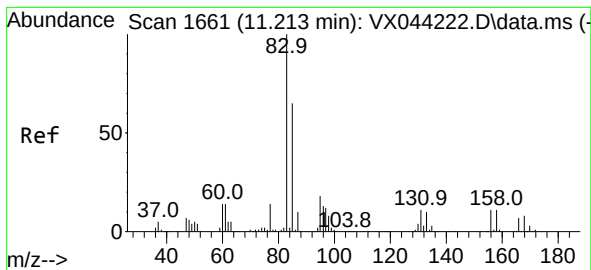
43 100

70 0.0 31.9 47.9#

55 0.0 17.9 26.9#

61 0.0 17.9 26.9#





#75

1,1,2-Tetrachloroethane

Concen: 0.067 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.134 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

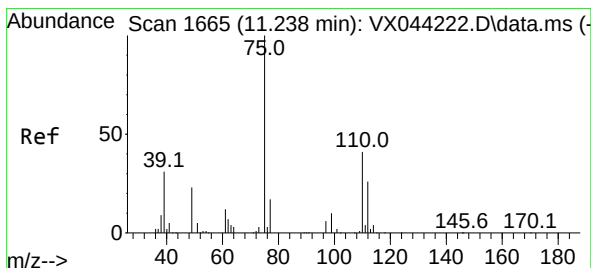
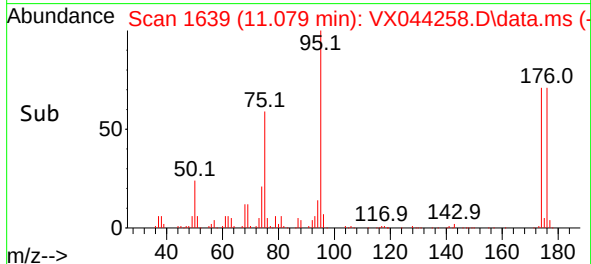
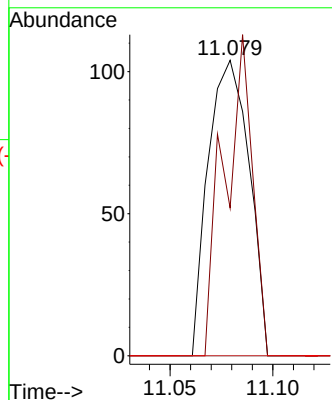
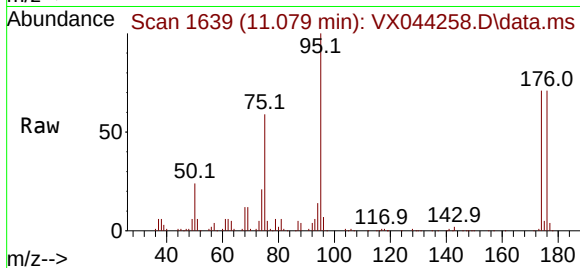
Tgt Ion: 83 Resp: 144

Ion Ratio Lower Upper

83 100

131 75.0 5.1 15.4#

85 0.0 32.5 97.4#



#76

1,2,3-Trichloropropane

Concen: 28.463 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044258.D

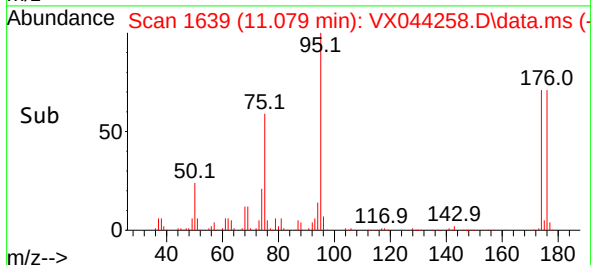
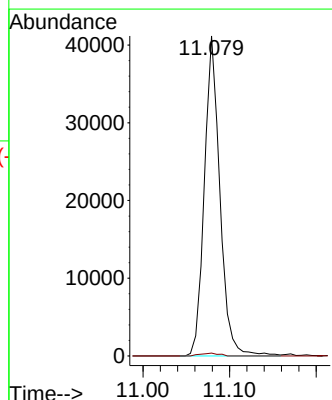
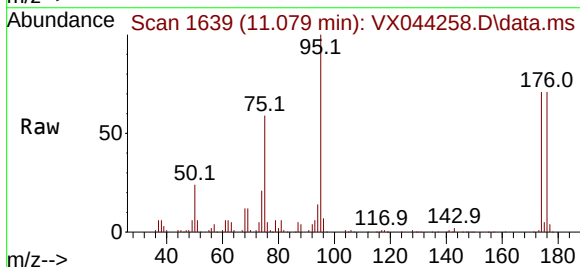
Acq: 12 Dec 2024 17:28

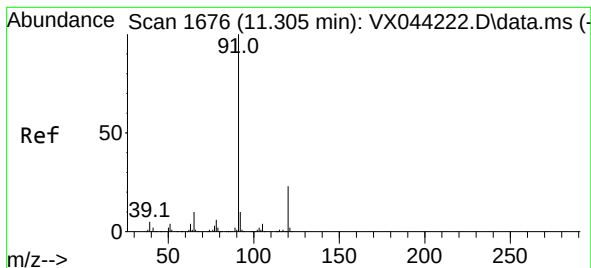
Tgt Ion: 75 Resp: 51350

Ion Ratio Lower Upper

75 100

77 1.1 20.9 62.7#





#78

n-propylbenzene

Concen: 0.009 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX044258.D

Acq: 12 Dec 2024 17:28

Instrument :

MSVOA_X

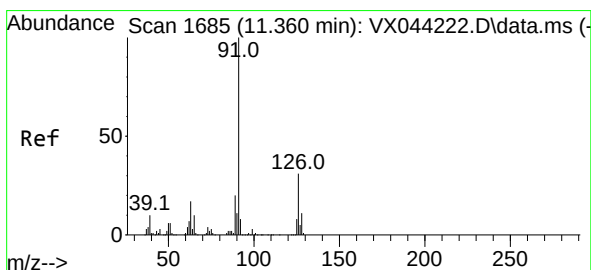
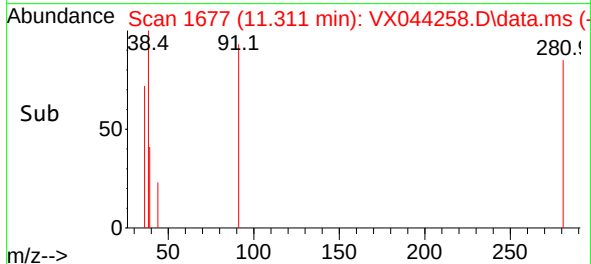
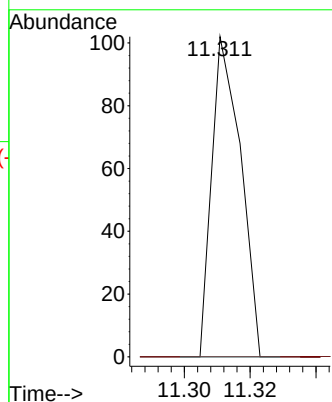
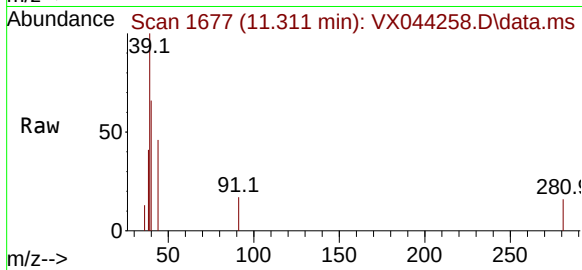
ClientSampleId :

Tgt Ion: 91 Resp: 62

Ion Ratio Lower Upper

91 100

120 0.0 11.0 33.0#



#79

2-Chlorotoluene

Concen: 0.014 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. -0.049 min

Lab File: VX044258.D

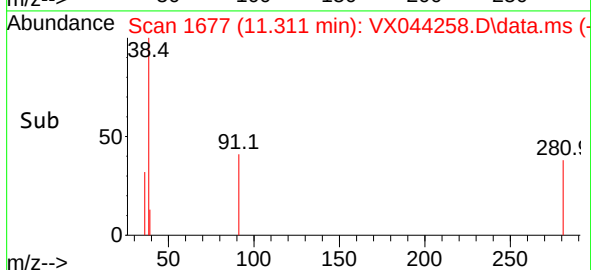
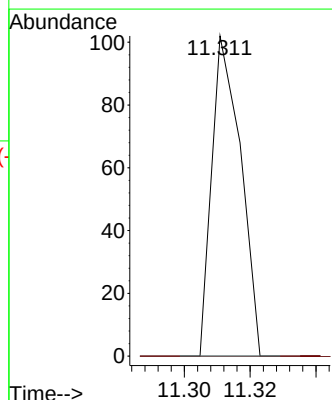
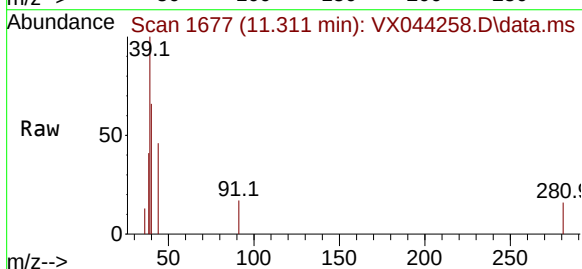
Acq: 12 Dec 2024 17:28

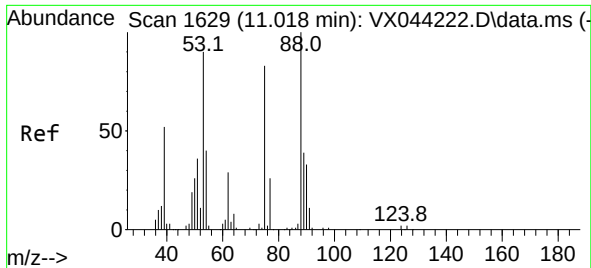
Tgt Ion: 91 Resp: 62

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#

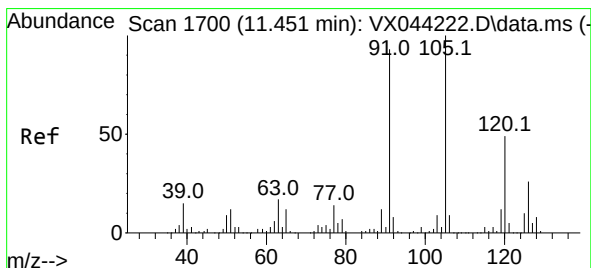
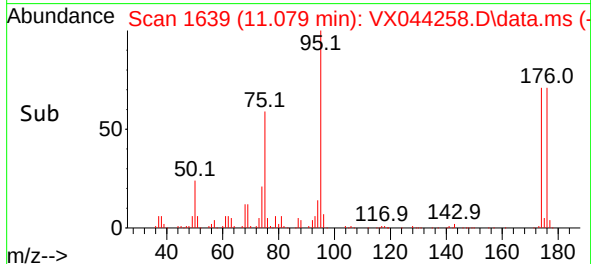
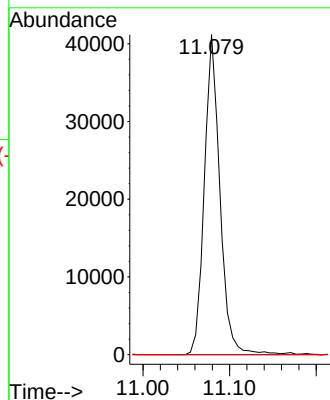
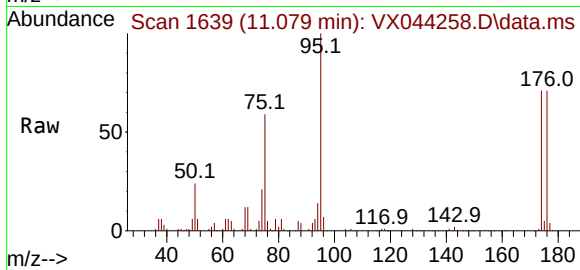




#81
trans-1,4-Dichloro-2-butene
Concen: 78.039 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

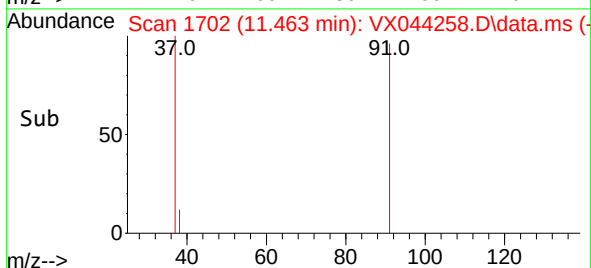
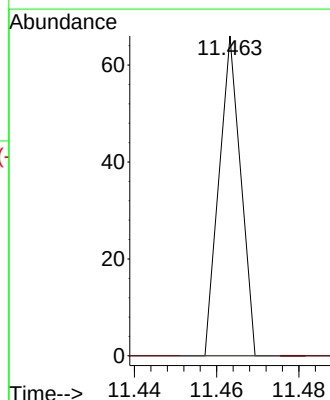
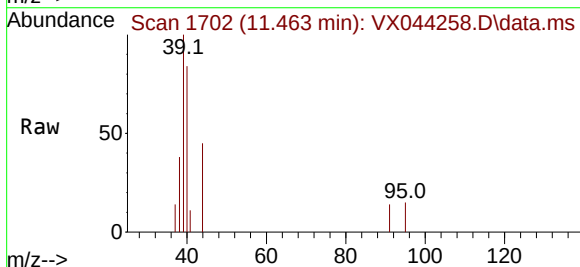
Instrument :
MSVOA_X
ClientSampleId :

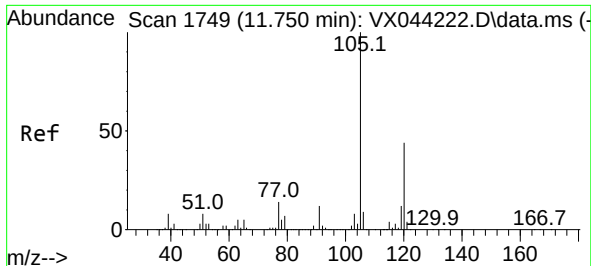
Tgt Ion: 75 Resp: 51350
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 0.005 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 91 Resp: 24
Ion Ratio Lower Upper
91 100
126 0.0 14.5 43.5#

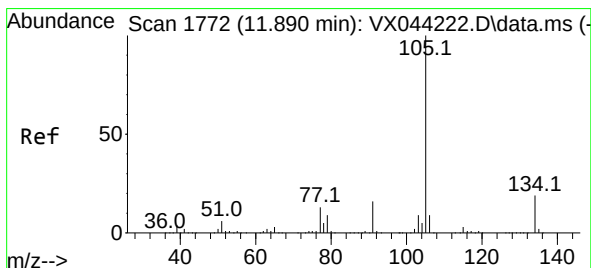
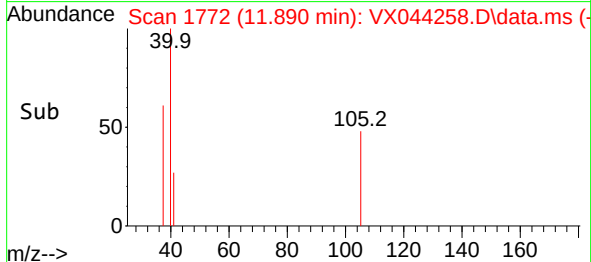
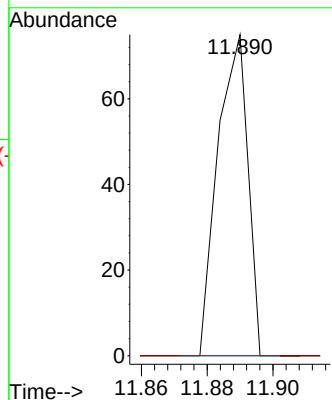
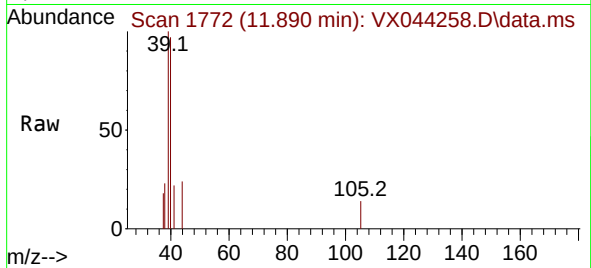




#84
1,2,4-Trimethylbenzene
Concen: 0.010 ug/l
RT: 11.890 min Scan# 1749
Delta R.T. 0.140 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

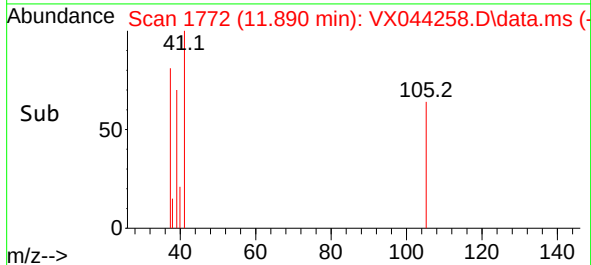
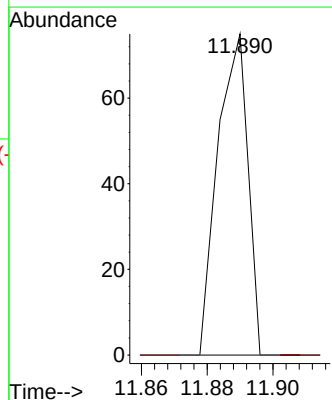
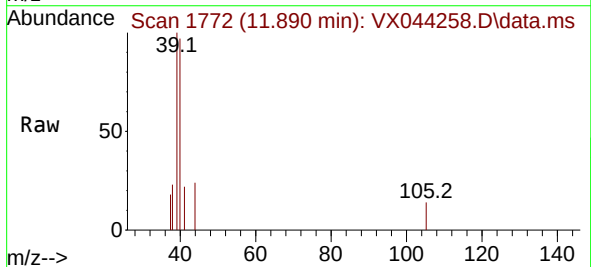
Instrument :
MSVOA_X
ClientSampleId :

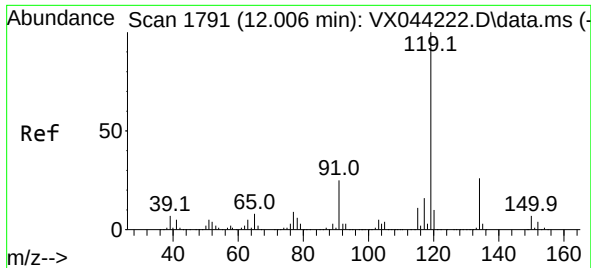
Tgt Ion:105 Resp: 48
Ion Ratio Lower Upper
105 100
120 0.0 21.7 65.1#



#85
sec-Butylbenzene
Concen: 0.008 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion:105 Resp: 48
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

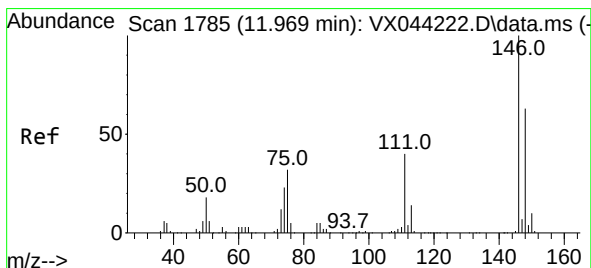
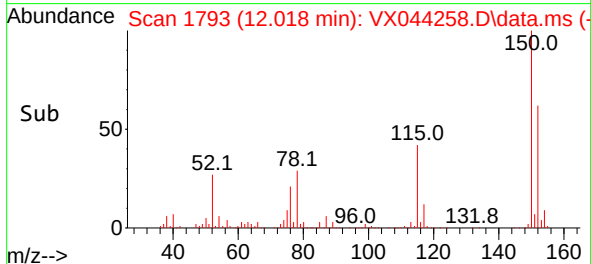
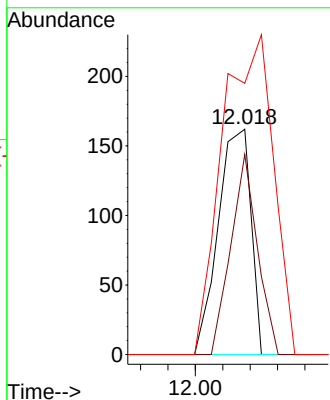
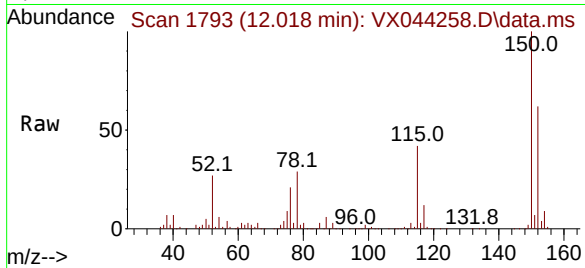




#86
p-Isopropyltoluene
Concen: 0.026 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

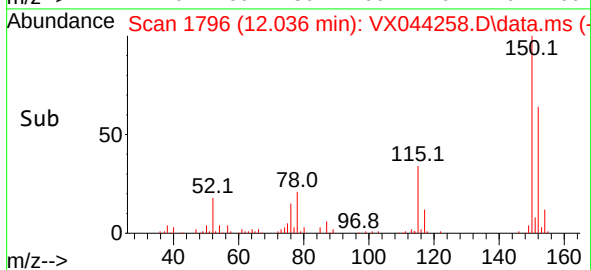
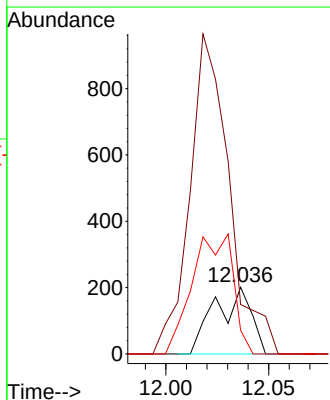
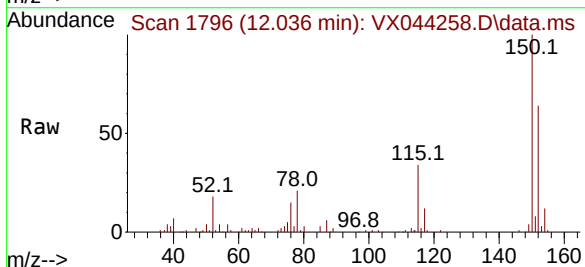
Instrument :
MSVOA_X
ClientSampleId :

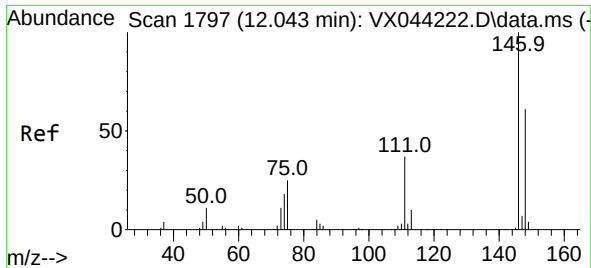
Tgt Ion:119 Resp: 134
Ion Ratio Lower Upper
119 100
134 72.4 12.8 38.4#
91 221.6 13.0 39.0#



#87
1,3-Dichlorobenzene
Concen: 0.095 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.067 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion:146 Resp: 248
Ion Ratio Lower Upper
146 100
111 517.3 21.4 64.2#
148 200.8 31.7 95.1#

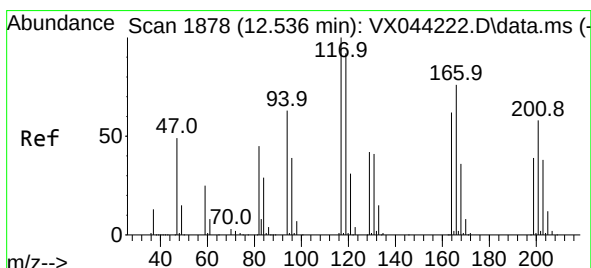
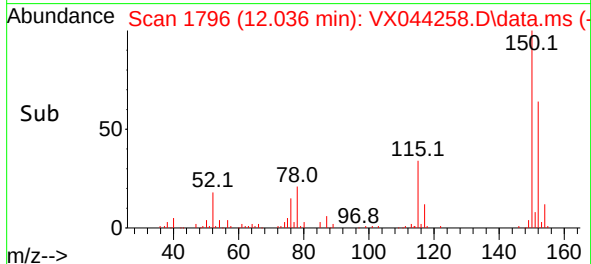
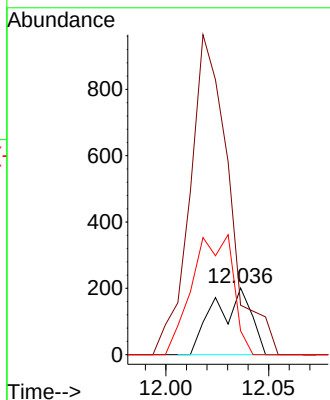
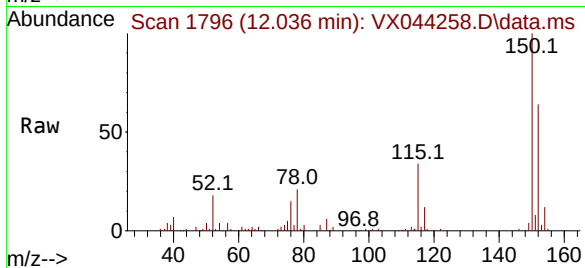




#88
1,4-Dichlorobenzene
Concen: 0.092 ug/l
RT: 12.036 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

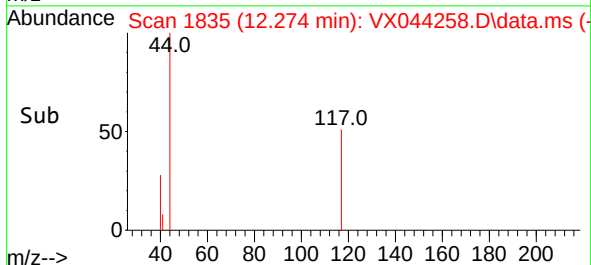
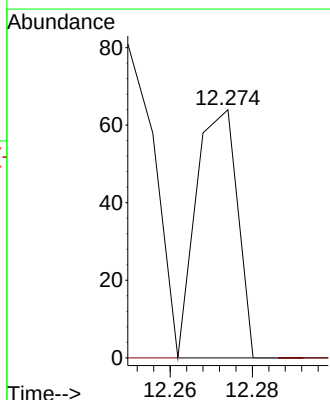
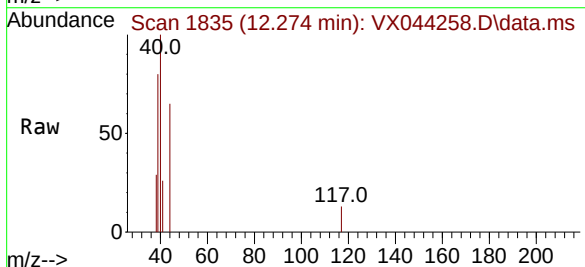
Instrument :
MSVOA_X
ClientSampleId :

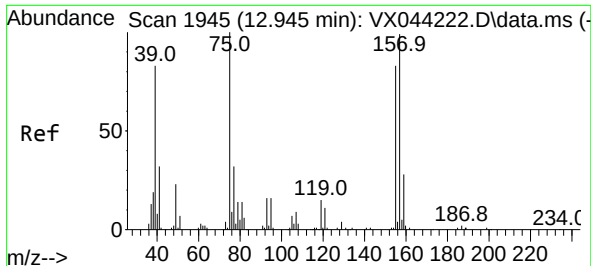
Tgt Ion:146 Resp: 248
Ion Ratio Lower Upper
146 100
111 517.3 21.0 63.0#
148 200.8 32.3 96.8#



#90
Hexachloroethane
Concen: 0.060 ug/l
RT: 12.274 min Scan# 1835
Delta R.T. -0.262 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

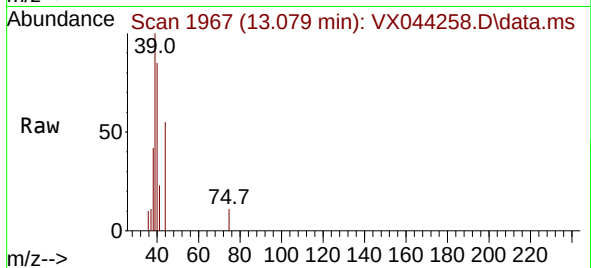
Tgt Ion:117 Resp: 45
Ion Ratio Lower Upper
117 100
201 0.0 31.4 94.2#



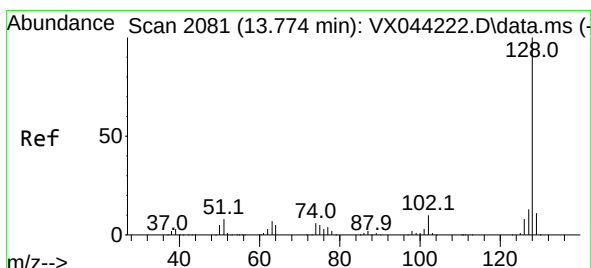
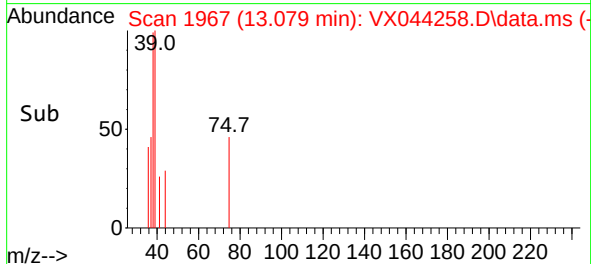
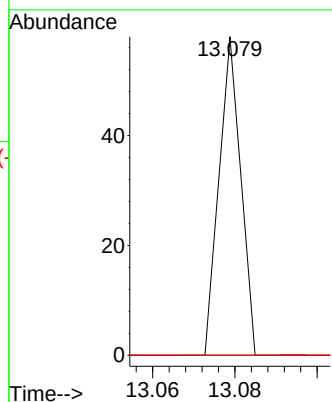


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.050 ug/l
RT: 13.079 min Scan# 1945
Delta R.T. 0.134 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.3#
157 0.0 47.2 141.6#



#95
Naphthalene
Concen: 0.016 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX044258.D
Acq: 12 Dec 2024 17:28

Tgt Ion: 128 Resp: 93
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.0 13.4#

