

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044259.D
 Acq On : 12 Dec 2024 17:51
 Operator : JC/MD
 Sample : P5261-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20241210

Quant Time: Dec 13 01:48:45 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	106075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93284	50.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	5.379	113	68341	47.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.520%			
50) Toluene-d8	8.647	98	250932	51.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.960%			
62) 4-Bromofluorobenzene	11.079	95	84686	50.202	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	350	0.213	ug/l	91
3) Chloromethane	1.295	50	19	0.012	ug/l #	1
4) Vinyl Chloride	1.593	62	60	0.037	ug/l #	43
5) Bromomethane	1.593	94	289	0.249	ug/l	88
6) Chloroethane	1.624	64	108	0.106	ug/l #	12
7) Trichlorofluoromethane	1.868	101	429	0.134	ug/l #	57
8) Diethyl Ether	2.313	74	639	0.585	ug/l #	31
9) 1,1,2-Trichlorotrifluo...	2.319	101	576201	445.129	ug/l	99
11) Tert butyl alcohol	2.928	59	227	0.866	ug/l #	71
12) 1,1-Dichloroethene	2.313	96	4040	3.398	ug/l #	87
13) Acrolein	2.233	56	50	0.132	ug/l #	1
14) Allyl chloride	2.648	41	26	0.013	ug/l #	1
16) Acetone	2.386	43	610	0.805	ug/l #	75
17) Carbon Disulfide	2.502	76	25	0.011	ug/l #	75
18) Methyl Acetate	2.715	43	167	0.085	ug/l #	54
20) Methylene Chloride	2.782	84	358	0.251	ug/l #	76
22) Diisopropyl ether	3.757	45	189	0.042	ug/l #	65
23) Vinyl Acetate	3.764	43	128	0.035	ug/l #	73
24) 1,1-Dichloroethane	3.611	63	481	0.193	ug/l #	82
25) 2-Butanone	4.446	43	48	0.045	ug/l #	50
27) cis-1,2-Dichloroethene	4.501	96	1876	1.169	ug/l	95
29) Tetrahydrofuran	5.044	42	30	0.043	ug/l #	32
30) Chloroform	5.093	83	518	0.185	ug/l #	50
31) Cyclohexane	5.538	56	3058	1.523	ug/l #	55
32) 1,1,1-Trichloroethane	5.391	97	280	0.121	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	10052	5.434	ug/l #	51
37) Ethyl Acetate	4.946	43	28	0.012	ug/l #	71
38) Carbon Tetrachloride	5.544	117	13616	6.837	ug/l #	18
39) Methylcyclohexane	7.123	83	836	0.378	ug/l #	1
40) Benzene	6.044	78	80	0.014	ug/l #	51
41) Methacrylonitrile	4.983	41	50	0.041	ug/l #	1
42) 1,2-Dichloroethane	6.099	62	664	0.287	ug/l #	78
43) Isopropyl Acetate	6.367	43	30	0.008	ug/l #	1
44) Trichloroethene	7.123	130	59394	42.409	ug/l	97
45) 1,2-Dichloropropane	7.434	63	1657	1.155	ug/l #	82
48) Methyl methacrylate	7.659	41	95	0.055	ug/l #	1

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Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20241210

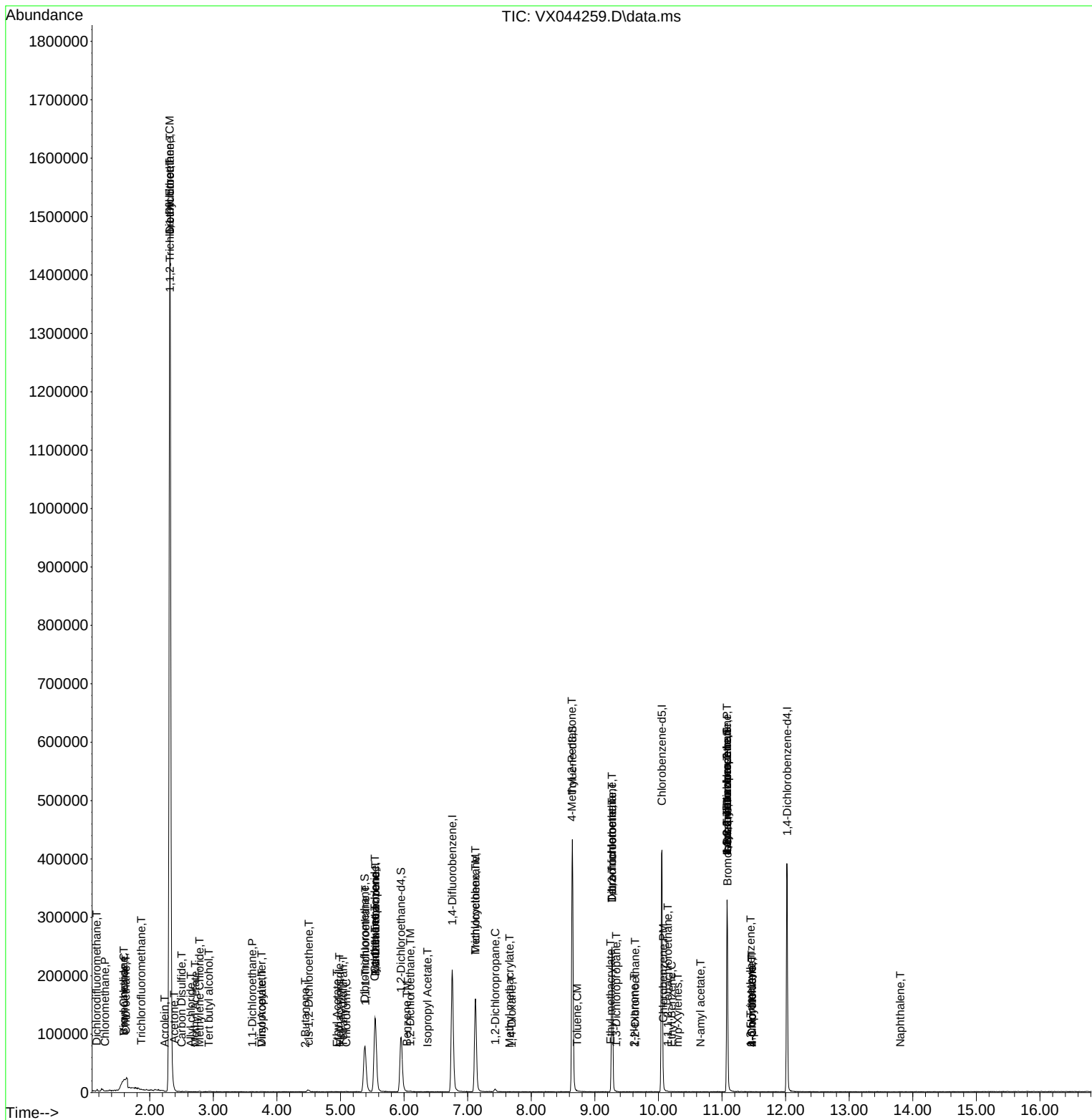
Quant Time: Dec 13 01:48:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

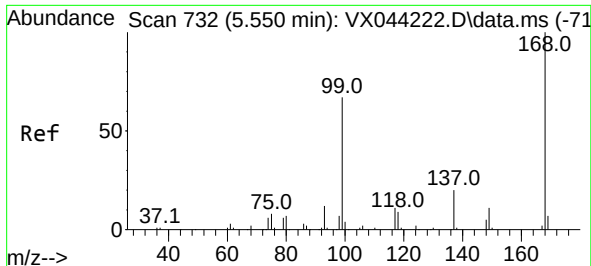
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

49) 1,4-Dioxane	7.690	88	24	0.834	ug/l #	27
51) 4-Methyl-2-Pentanone	8.641	43	1287	0.560	ug/l #	1
52) Toluene	8.720	92	32	0.009	ug/l	82
55) 1,1,2-Trichloroethane	9.269	97	564	0.403	ug/l #	25
56) Ethyl methacrylate	9.244	69	18	0.008	ug/l #	1
57) 1,3-Dichloropropane	9.336	76	31	0.013	ug/l #	42
59) 2-Hexanone	9.616	43	30	0.018	ug/l #	26
60) Dibromochloromethane	9.269	129	43856	30.575	ug/l #	11
61) 1,2-Dibromoethane	9.634	107	85	0.060	ug/l #	2
64) Tetrachloroethene	9.269	164	42512	34.877	ug/l	96
65) Chlorobenzene	10.073	112	28	0.007	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.147	131	19	0.015	ug/l #	9
67) Ethyl Benzene	10.208	91	190	0.028	ug/l #	45
68) m/p-Xylenes	10.305	106	43	0.017	ug/l #	1
73) Isopropylbenzene	11.079	105	133	0.023	ug/l #	49
74) N-amyl acetate	10.659	43	19	0.007	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.079	83	66	0.032	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47736	27.720	ug/l #	36
77) Bromobenzene	11.085	156	25	0.017	ug/l #	1
78) n-propylbenzene	11.470	91	39	0.006	ug/l #	54
79) 2-Chlorotoluene	11.470	91	39	0.009	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	85	0.017	ug/l #	29
81) trans-1,4-Dichloro-2-b...	11.079	75	47736	76.147	ug/l #	4
82) 4-Chlorotoluene	11.470	91	39	0.008	ug/l #	46
95) Naphthalene	13.804	128	259	0.047	ug/l #	69

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

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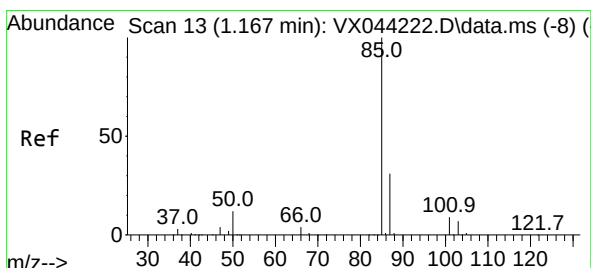
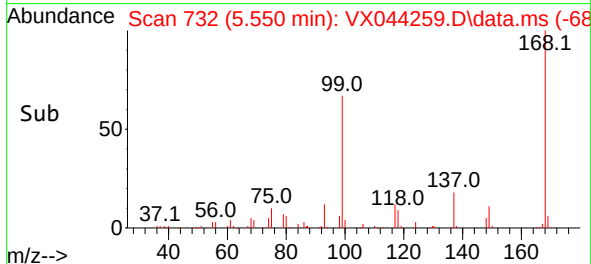
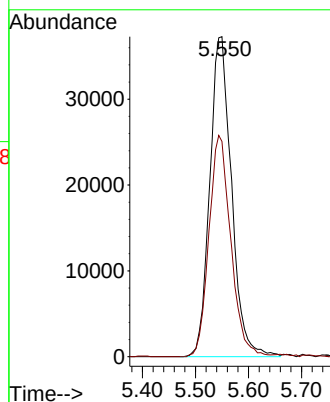
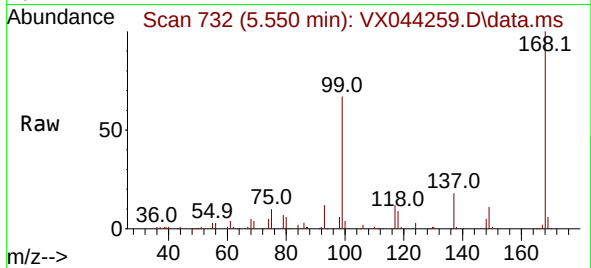




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

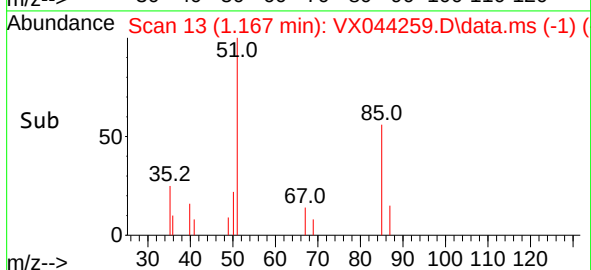
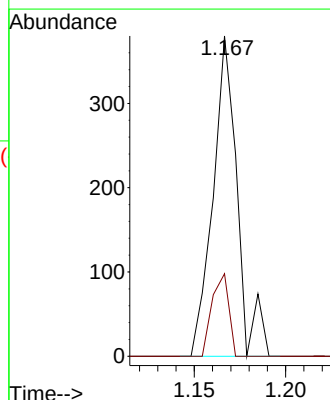
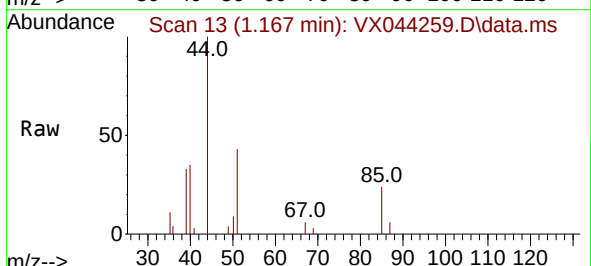
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

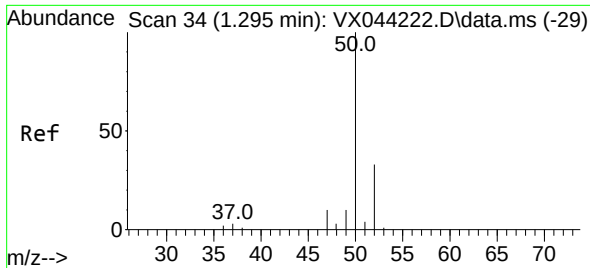
Tgt Ion:168 Resp: 106075
Ion Ratio Lower Upper
168 100
99 67.2 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 0.213 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 85 Resp: 350
Ion Ratio Lower Upper
85 100
87 25.8 15.4 46.4

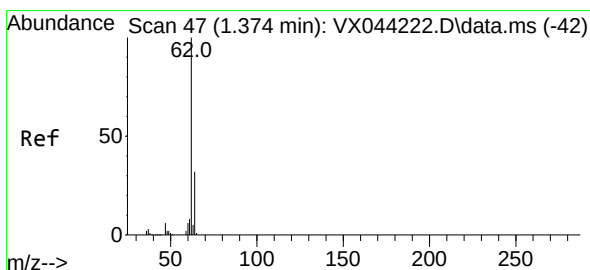
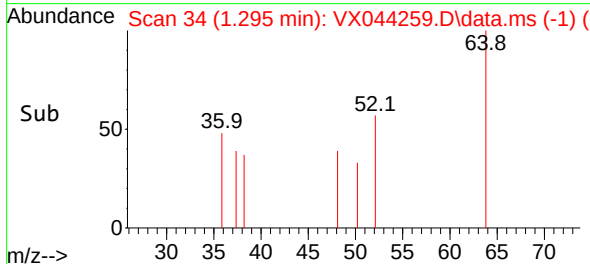
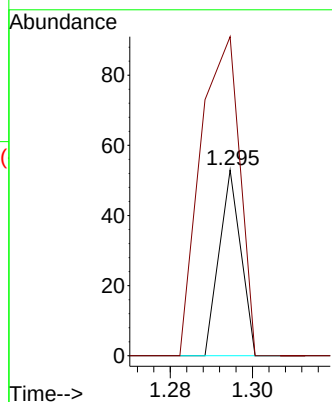
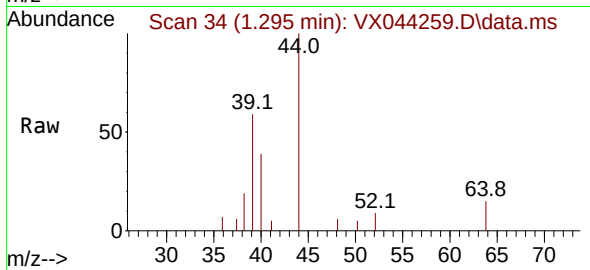




#3
Chloromethane
Concen: 0.012 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

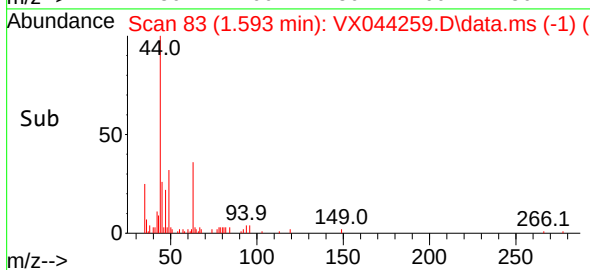
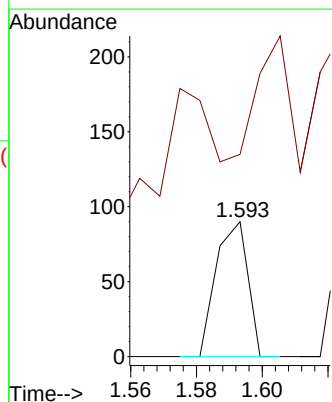
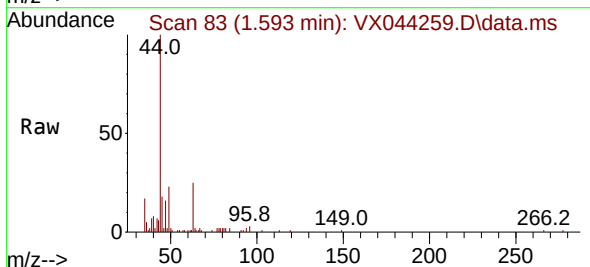
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

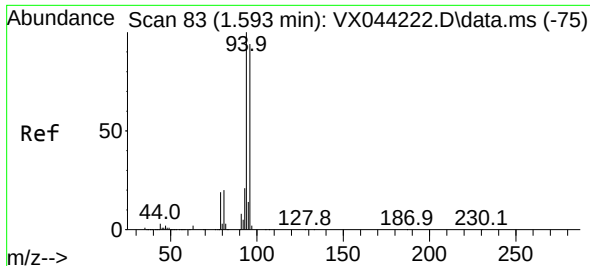
Tgt Ion: 50 Resp: 19
Ion Ratio Lower Upper
50 100
52 171.7 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.037 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.219 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 62 Resp: 60
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

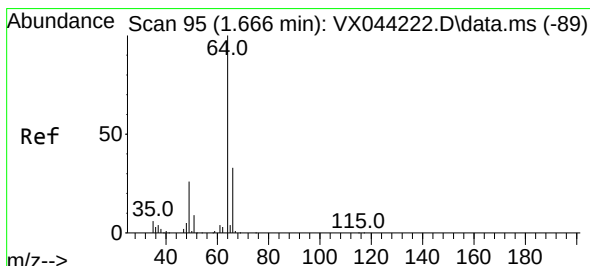
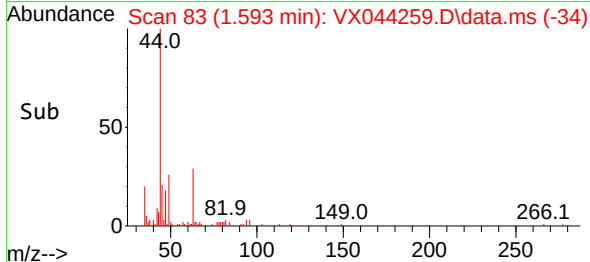
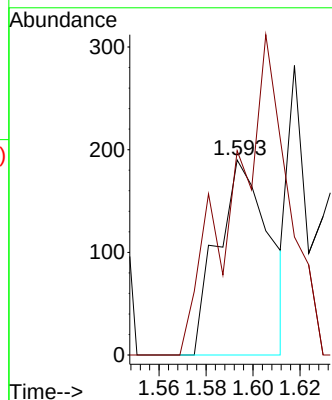
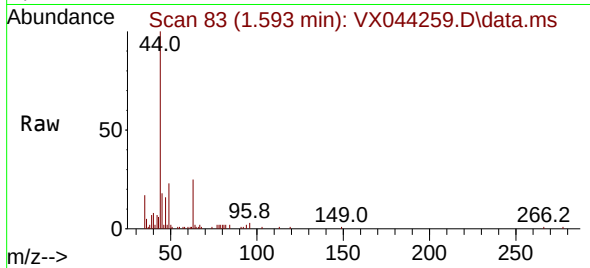




#5
Bromomethane
Concen: 0.249 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

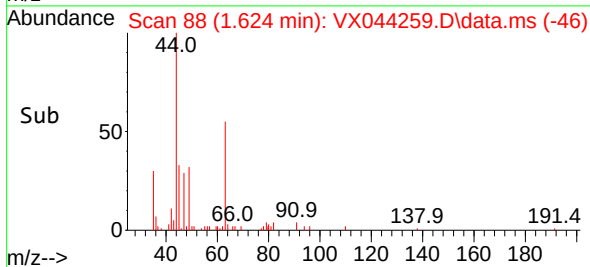
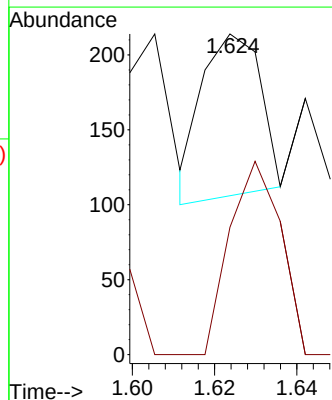
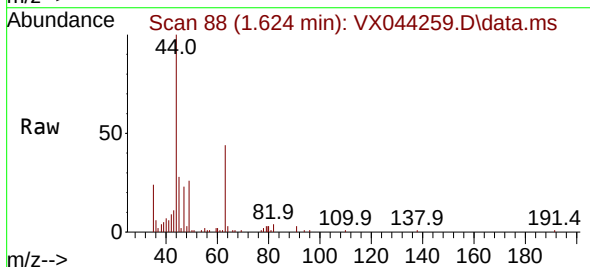
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

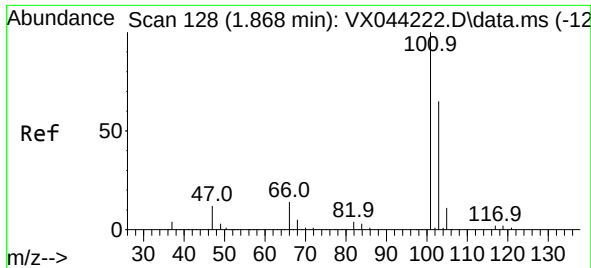
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 104.7 74.9 112.3



#6
Chloroethane
Concen: 0.106 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.043 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 83.3 26.6 39.8#

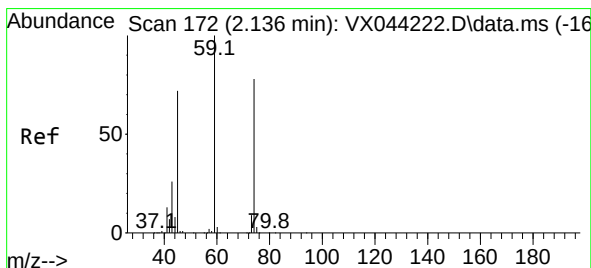
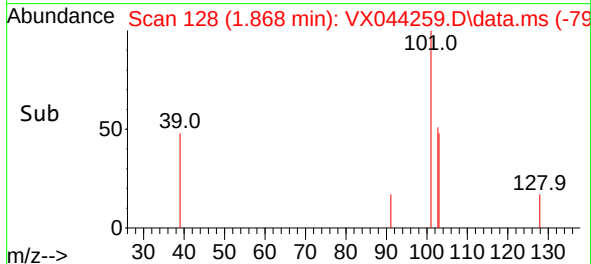
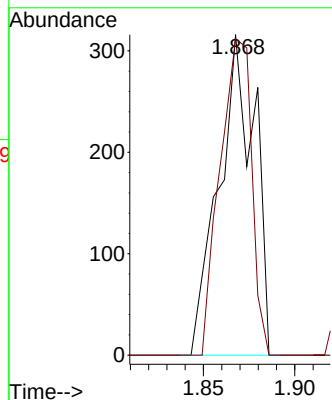
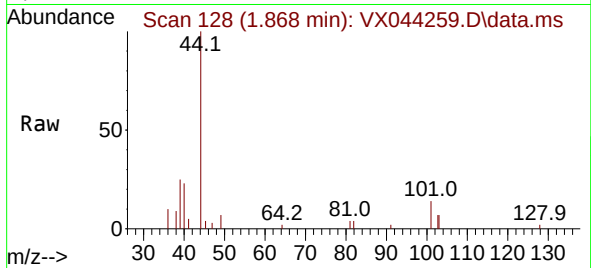




#7
Trichlorofluoromethane
Concen: 0.134 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

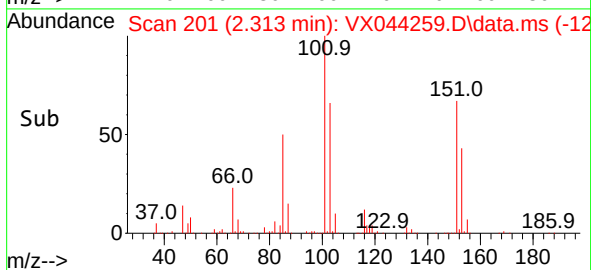
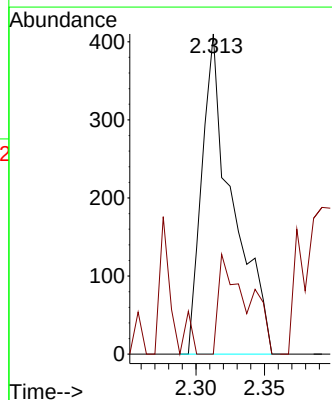
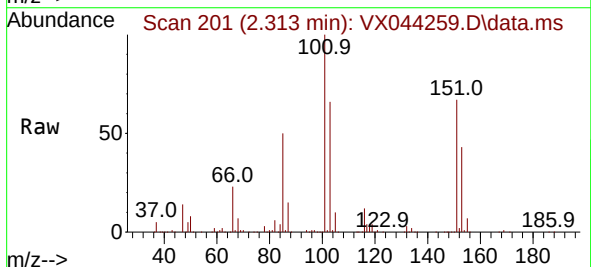
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

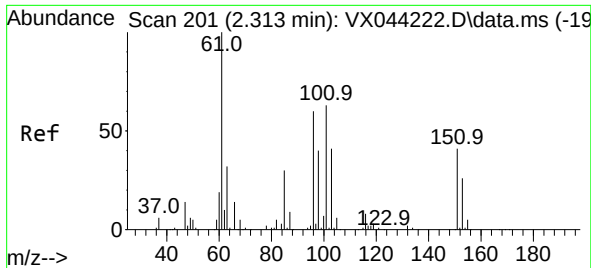
Tgt Ion:101 Resp: 429
Ion Ratio Lower Upper
101 100
103 98.7 51.8 77.8#



#8
Diethyl Ether
Concen: 0.585 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.177 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 74 Resp: 639
Ion Ratio Lower Upper
74 100
45 29.1 48.4 145.0#

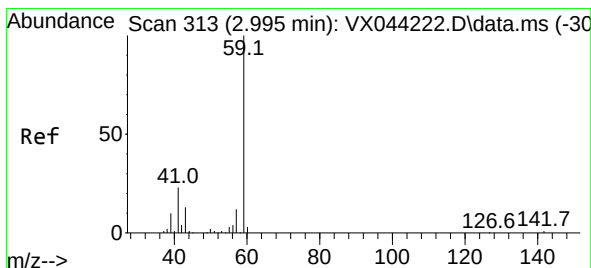
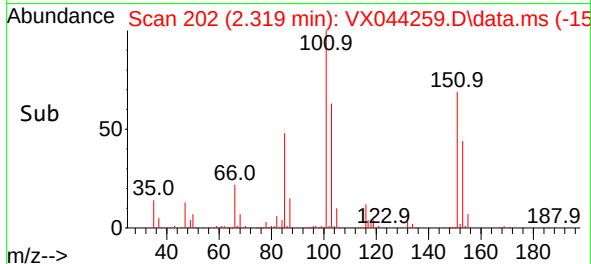
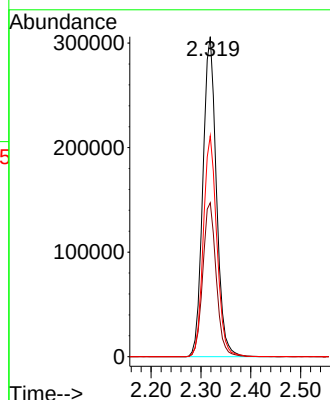
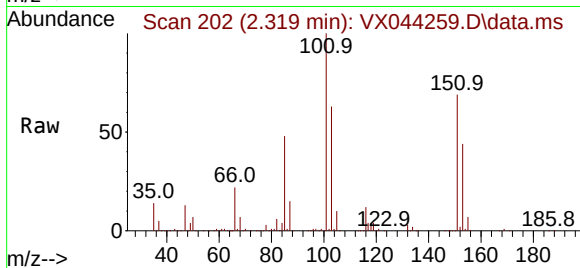




#9
1,1,2-Trichlorotrifluoroethane
Concen: 445.129 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

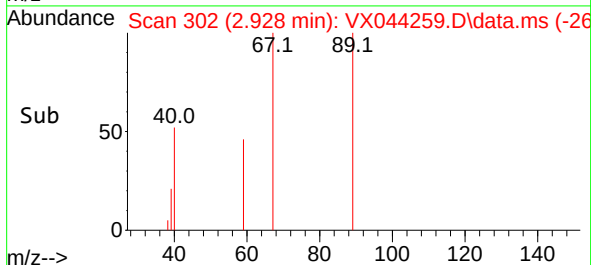
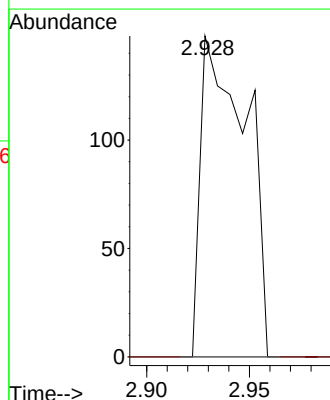
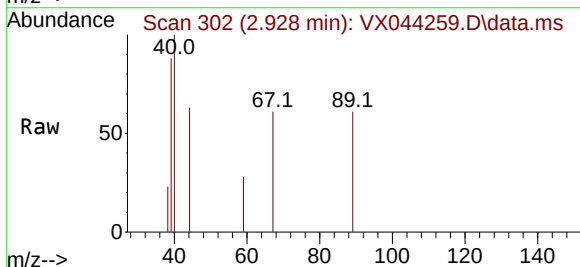
Instrument :
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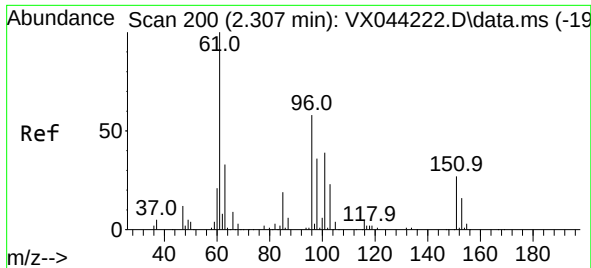
Tgt Ion:101 Resp: 576201
Ion Ratio Lower Upper
101 100
85 47.9 38.5 57.7
151 68.9 55.8 83.6



#11
Tert butyl alcohol
Concen: 0.866 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.067 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 3.398 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20241210

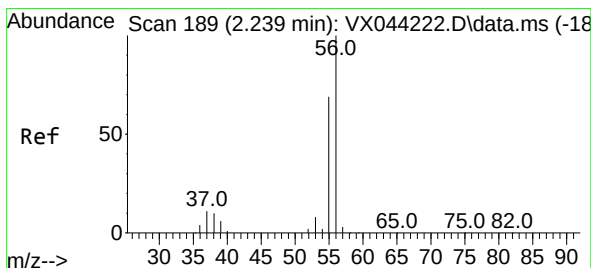
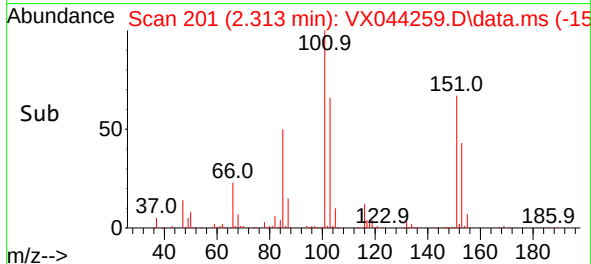
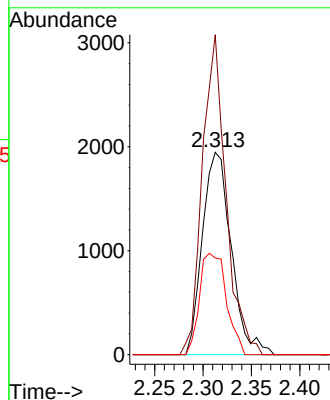
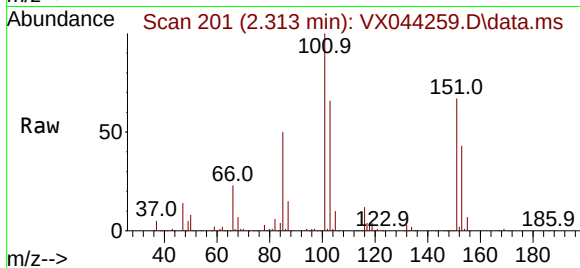
Tgt Ion: 96 Resp: 4040

Ion Ratio Lower Upper

96 100

61 158.1 138.0 207.0

98 47.8 50.0 75.0#



#13

Acrolein

Concen: 0.132 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX044259.D

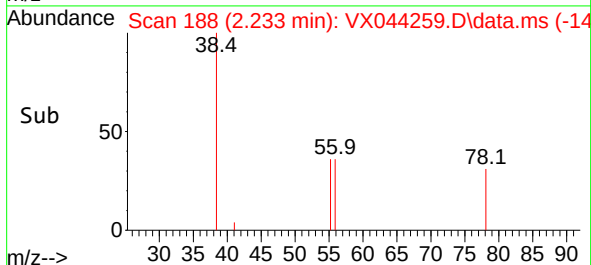
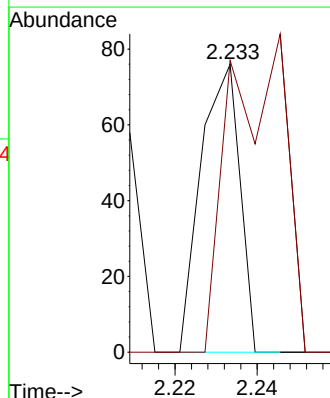
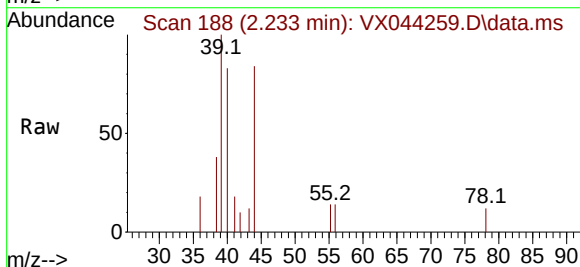
Acq: 12 Dec 2024 17:51

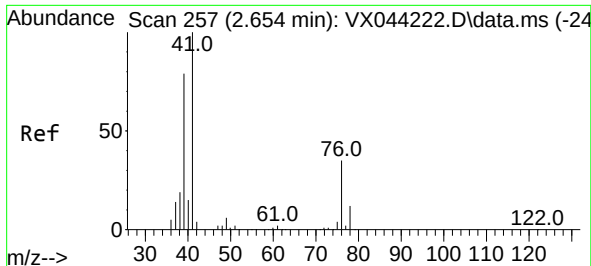
Tgt Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

55 158.0 56.6 84.8#

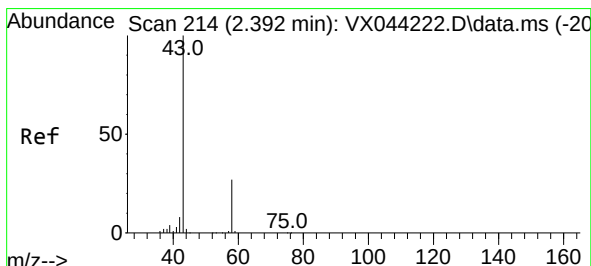
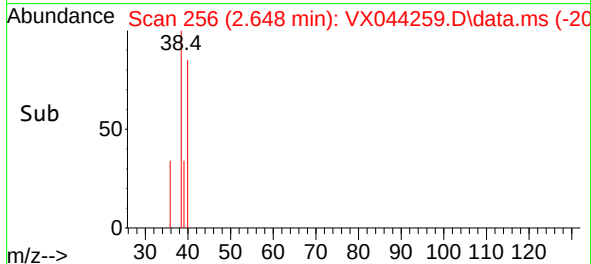
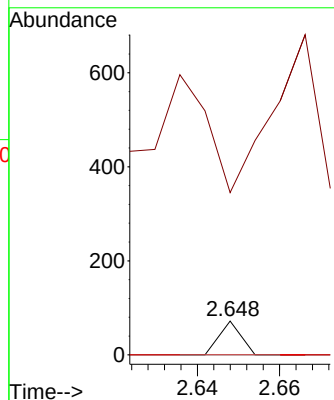
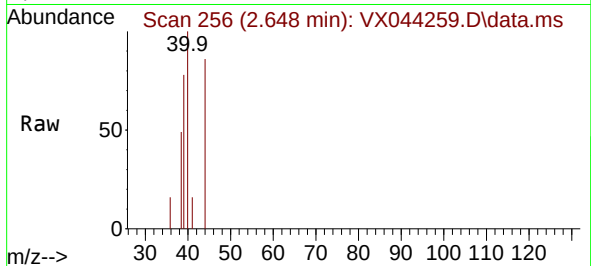




#14
 Allyl chloride
 Concen: 0.013 ug/l
 RT: 2.648 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX044259.D
 Acq: 12 Dec 2024 17:51

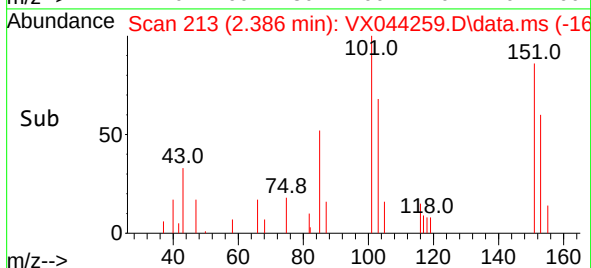
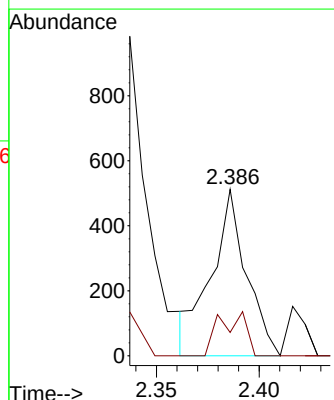
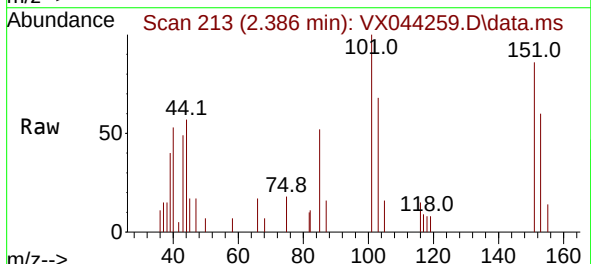
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20241210

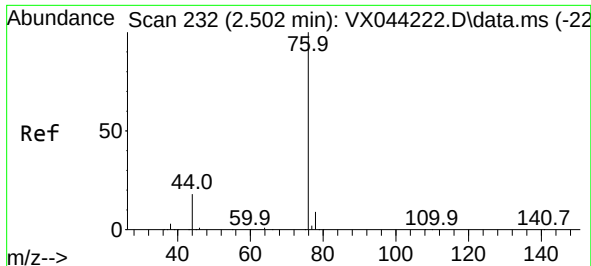
Tgt Ion: 41 Resp: 26
 Ion Ratio Lower Upper
 41 100
 39 600.0 61.9 92.9#
 76 0.0 27.4 41.2#



#16
 Acetone
 Concen: 0.805 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX044259.D
 Acq: 12 Dec 2024 17:51

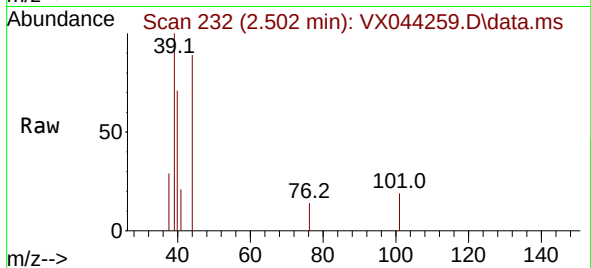
Tgt Ion: 43 Resp: 610
 Ion Ratio Lower Upper
 43 100
 58 14.1 21.6 32.4#



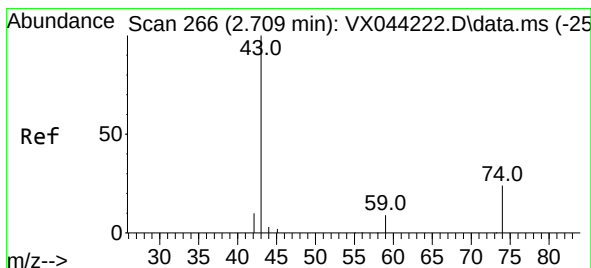
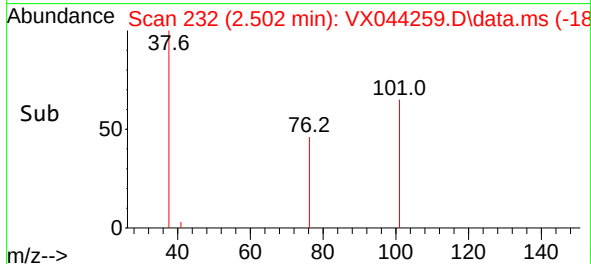
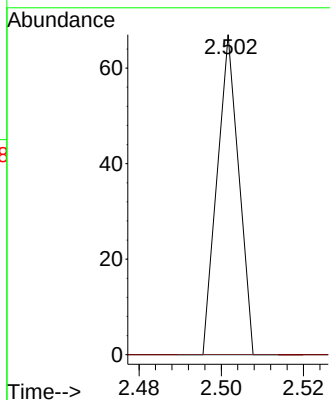


#17
Carbon Disulfide
Concen: 0.011 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

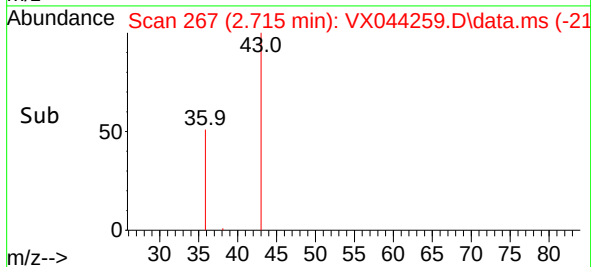
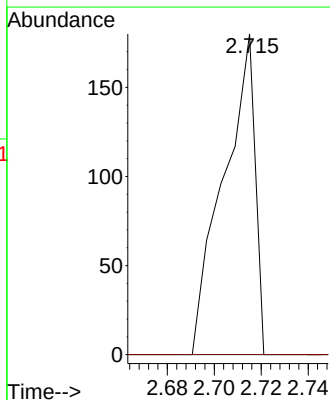
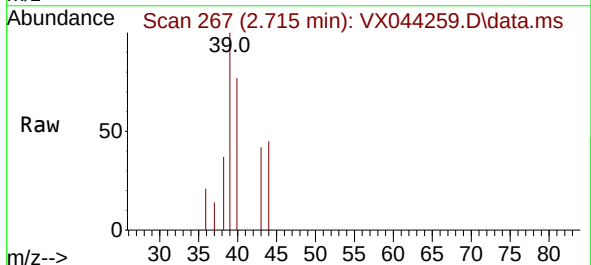


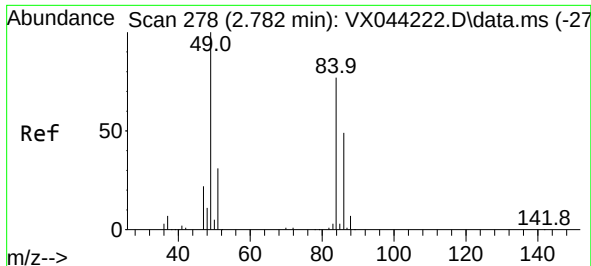
Tgt Ion: 76 Resp: 25
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.085 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#

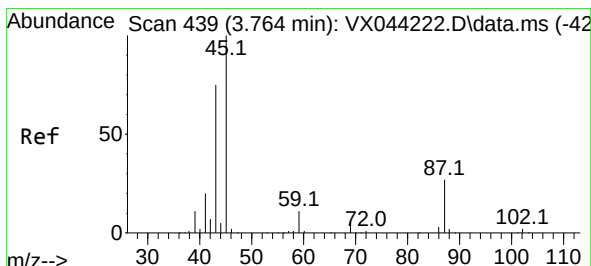
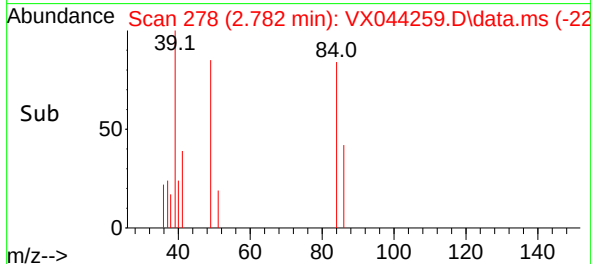
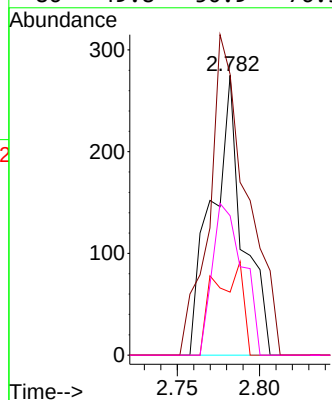
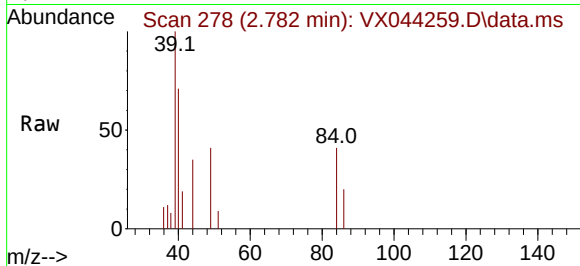




#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

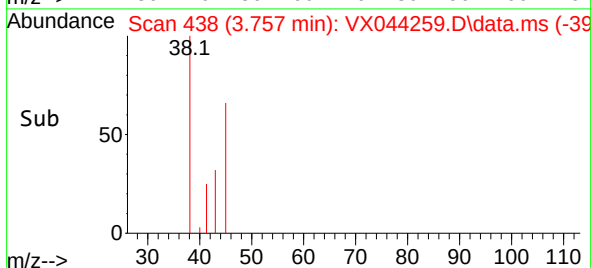
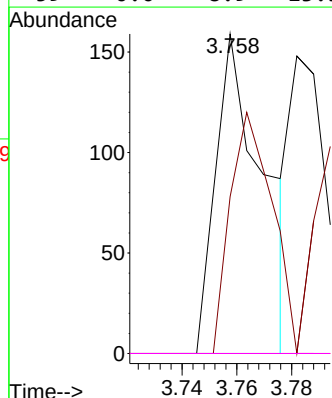
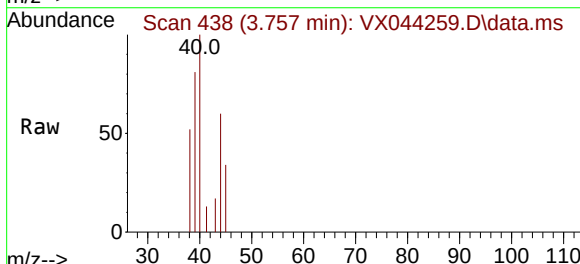
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

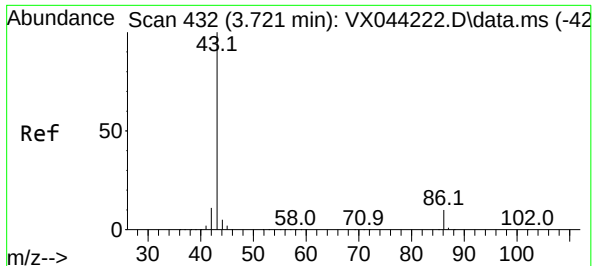
Tgt Ion:	84	Resp:	358
Ion	Ratio	Lower	Upper
84	100		
49	100.4	104.2	156.4#
51	22.5	32.2	48.4#
86	49.8	50.9	76.3#



#22
Diisopropyl ether
Concen: 0.042 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion:	45	Resp:	189
Ion	Ratio	Lower	Upper
45	100		
43	49.1	60.2	90.2#
87	0.0	21.2	31.8#
59	0.0	8.9	13.3#

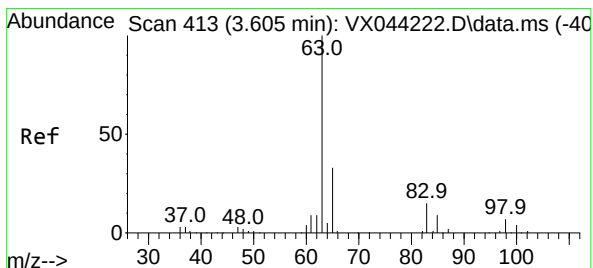
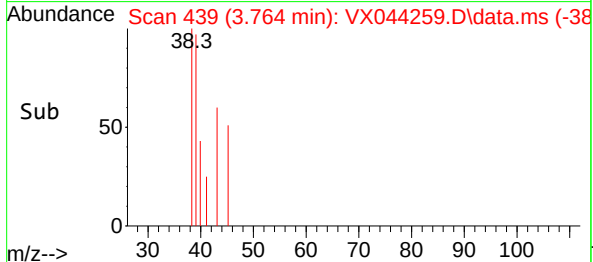
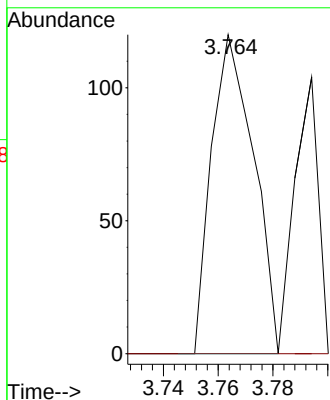
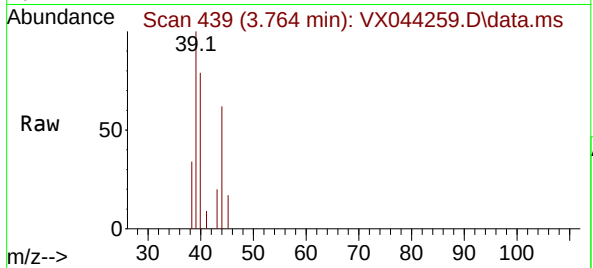




#23
 Vinyl Acetate
 Concen: 0.035 ug/l
 RT: 3.764 min Scan# 413
 Delta R.T. 0.043 min
 Lab File: VX044259.D
 Acq: 12 Dec 2024 17:51

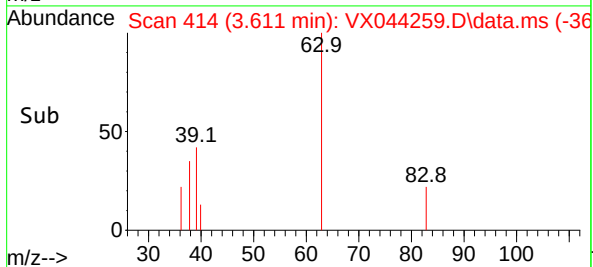
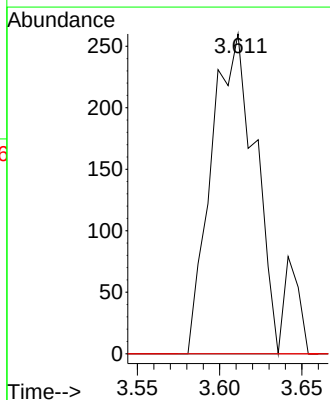
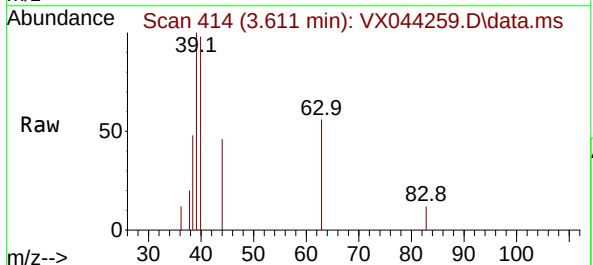
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20241210

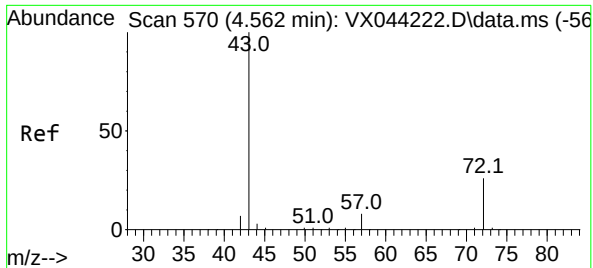
Tgt Ion: 43 Resp: 128
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.193 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX044259.D
 Acq: 12 Dec 2024 17:51

Tgt Ion: 63 Resp: 481
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.1 6.3#

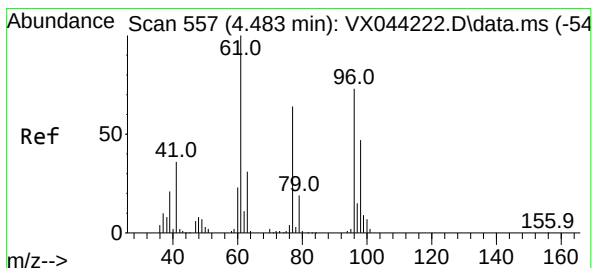
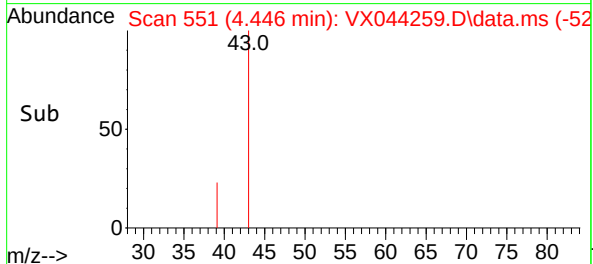
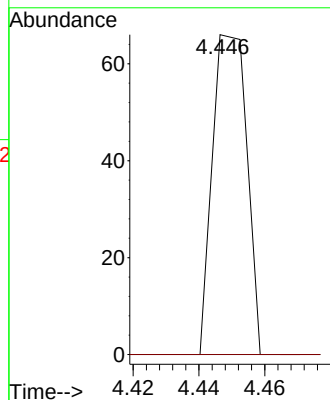
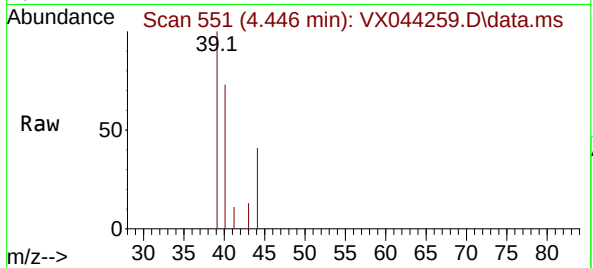




#25
2-Butanone
Concen: 0.045 ug/l
RT: 4.446 min Scan# 51
Delta R.T. -0.116 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

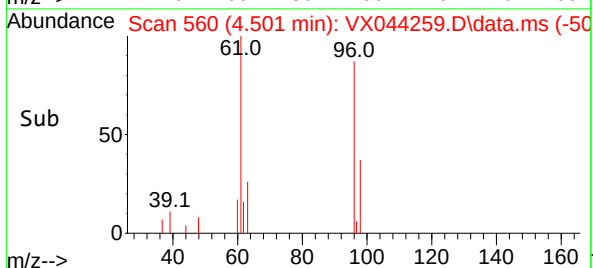
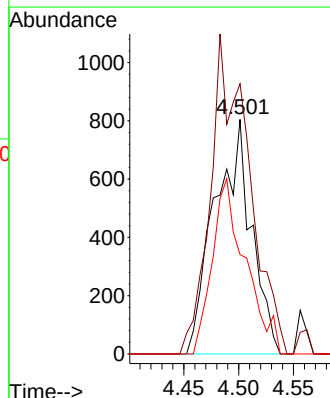
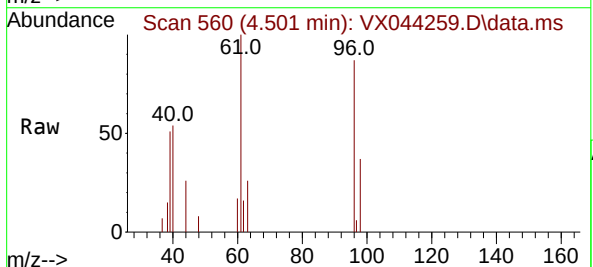
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

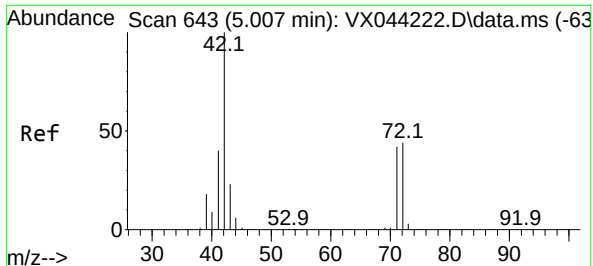
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#



#27
cis-1,2-Dichloroethene
Concen: 1.169 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.018 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 96 Resp: 1876
Ion Ratio Lower Upper
96 100
61 141.7 0.0 299.0
98 67.3 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.043 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20241210

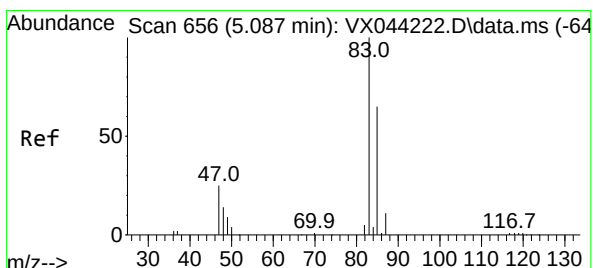
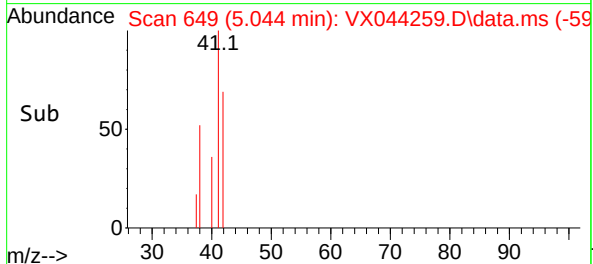
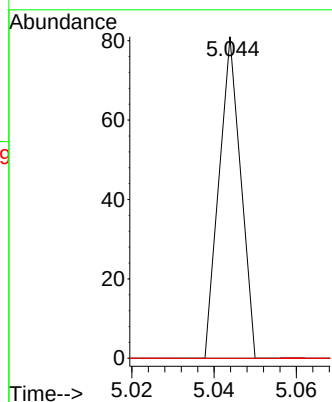
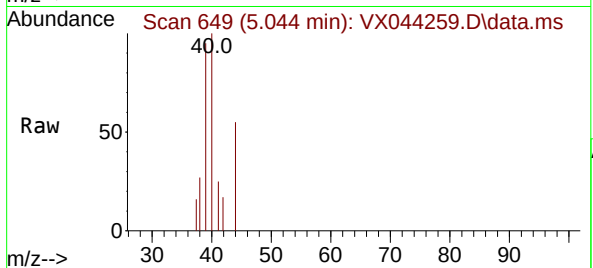
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 33.6 50.4#



#30

Chloroform

Concen: 0.185 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044259.D

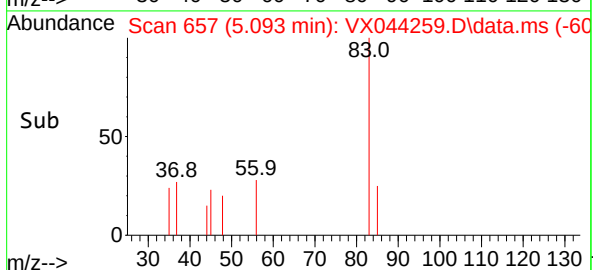
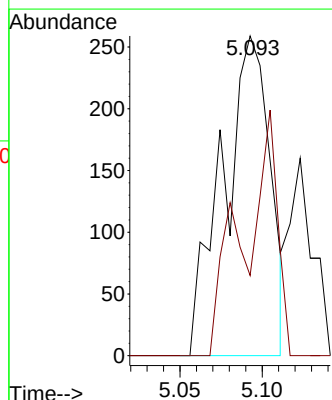
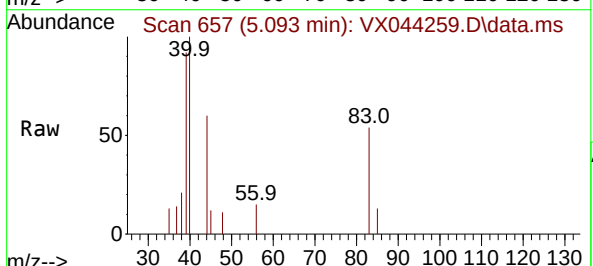
Acq: 12 Dec 2024 17:51

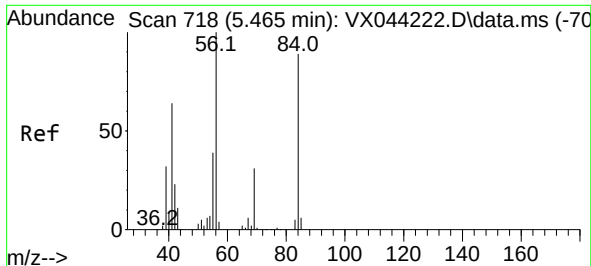
Tgt Ion: 83 Resp: 518

Ion Ratio Lower Upper

83 100

85 25.1 51.6 77.4#

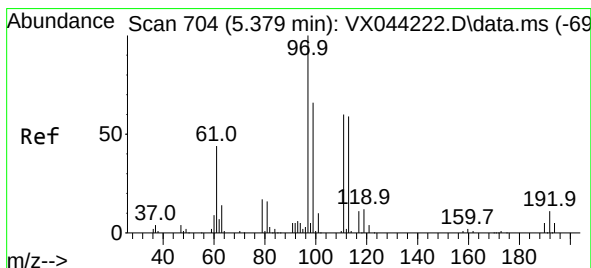
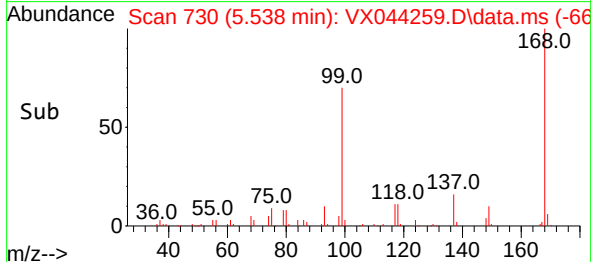
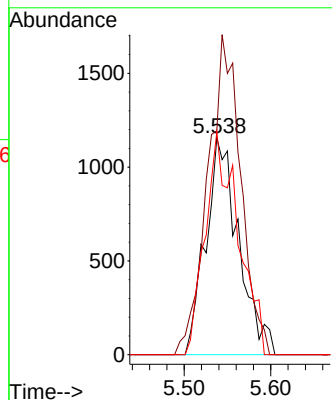
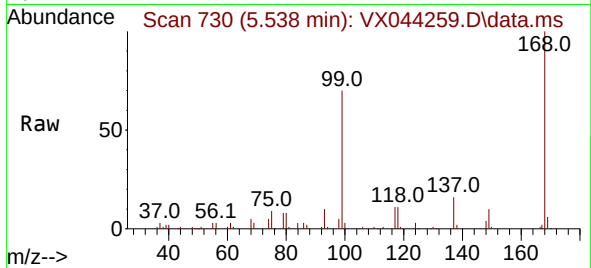




#31
Cyclohexane
Concen: 1.523 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

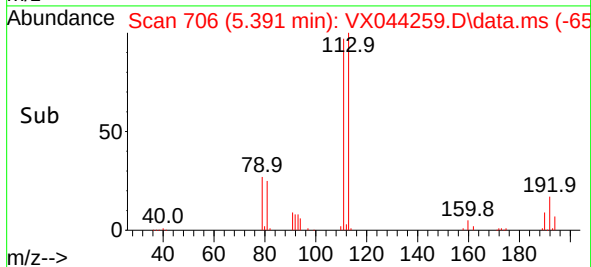
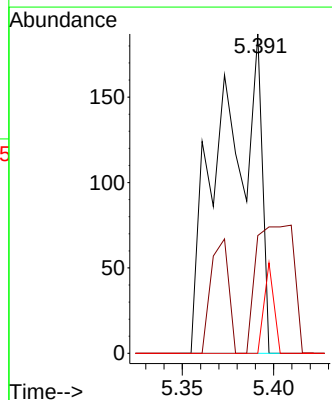
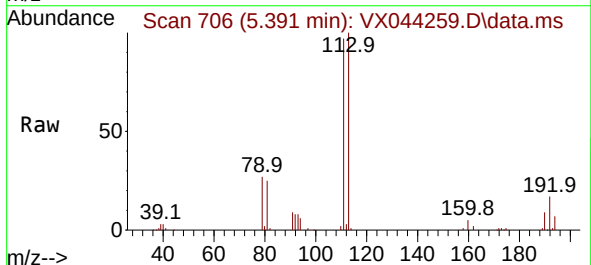
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

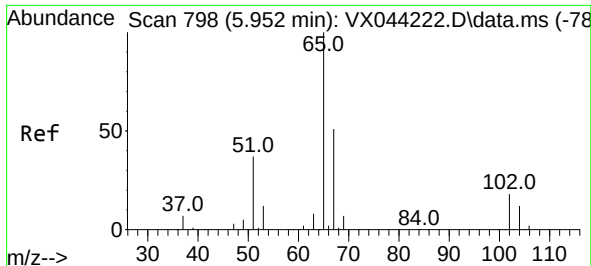
Tgt Ion: 56 Resp: 3058
Ion Ratio Lower Upper
56 100
69 103.2 24.7 37.1#
84 102.8 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 0.121 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 97 Resp: 280
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: 50.157 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

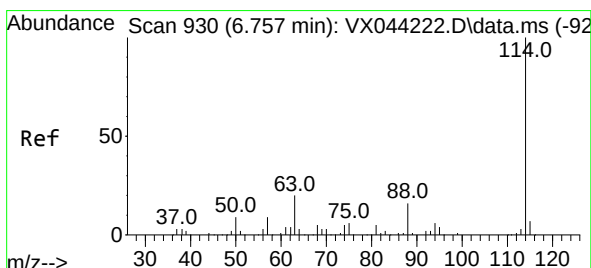
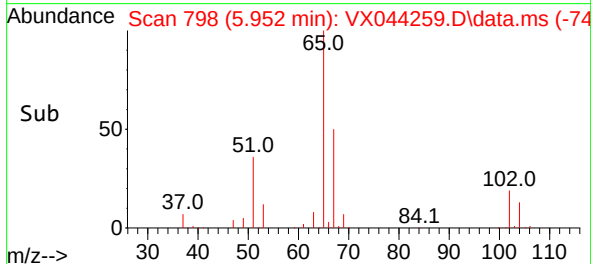
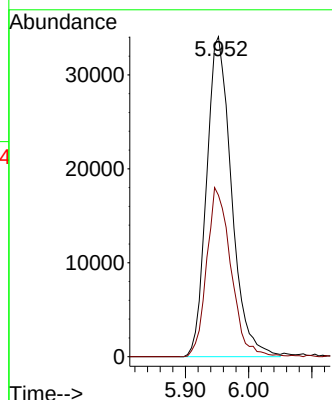
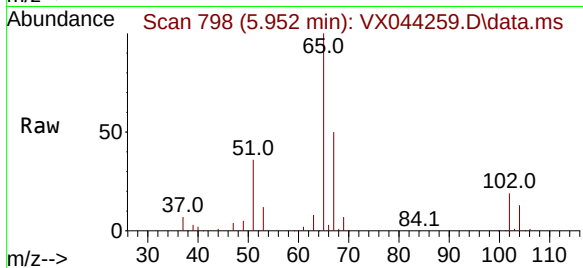
RE134D4-20241210

Tgt Ion: 65 Resp: 93284

Ion Ratio Lower Upper

65 100

67 51.4 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: VX044259.D

Acq: 12 Dec 2024 17:51

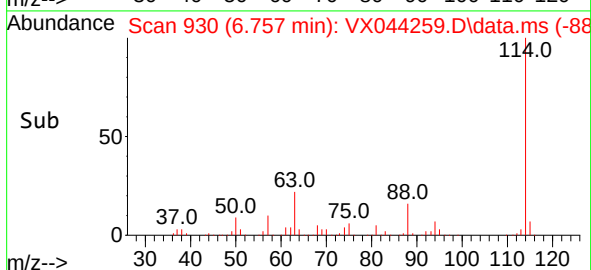
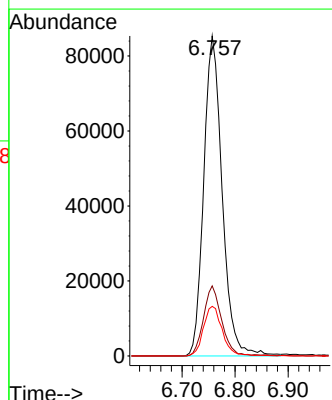
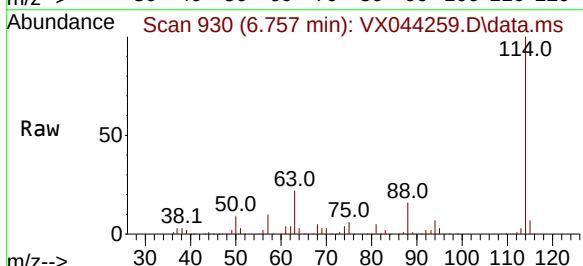
Tgt Ion: 114 Resp: 206611

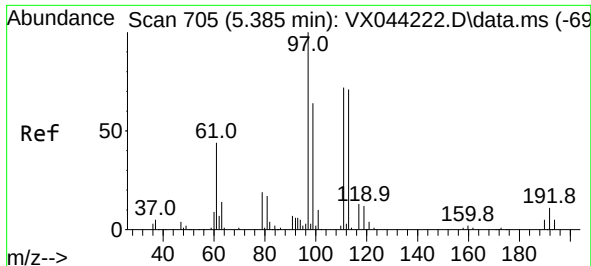
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.6

88 15.5 0.0 31.8

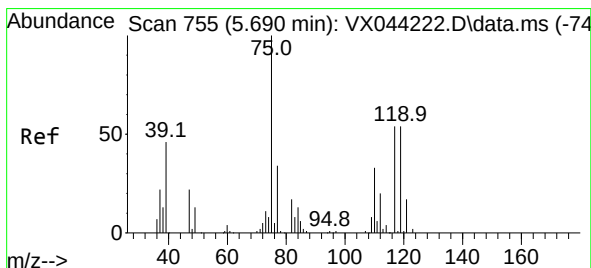
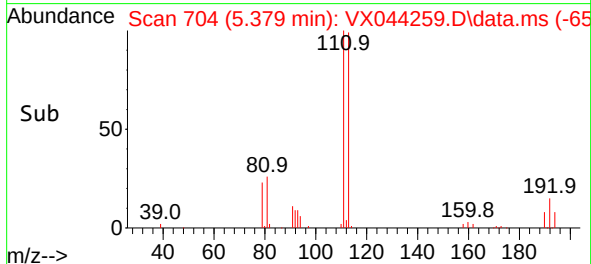
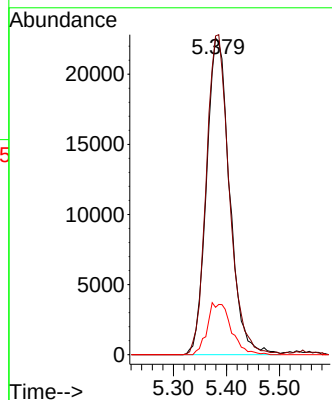
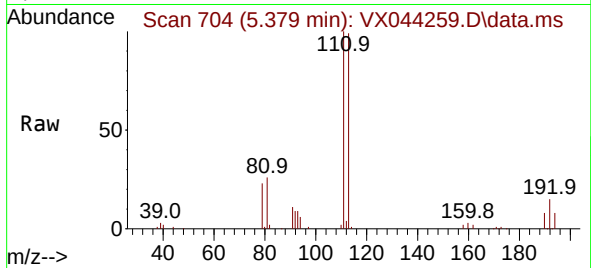




#35
Dibromofluoromethane
Concen: 47.759 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

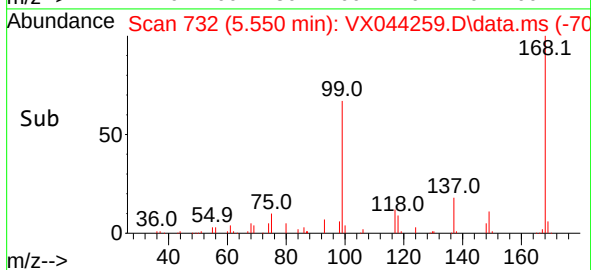
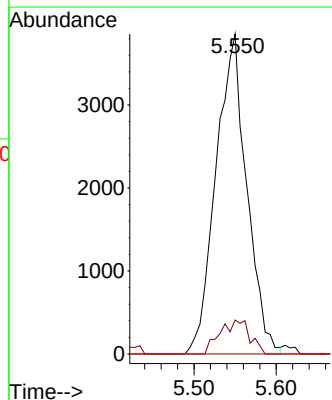
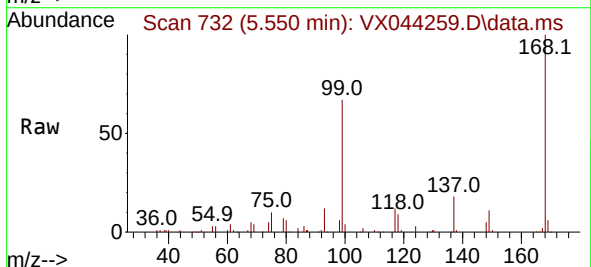
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

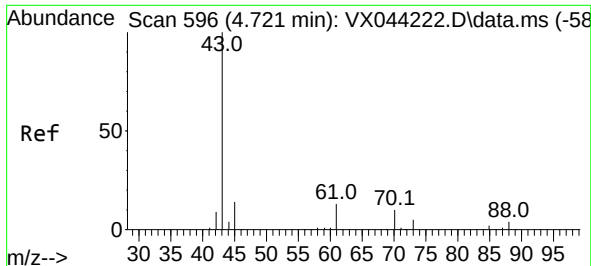
Tgt Ion:113 Resp: 68341
Ion Ratio Lower Upper
113 100
111 100.7 80.4 120.6
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.434 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 75 Resp: 10052
Ion Ratio Lower Upper
75 100
110 10.3 17.3 51.7#
77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 0.012 ug/l

RT: 4.946 min Scan# 61

Delta R.T. 0.226 min

Lab File: VX044259.D

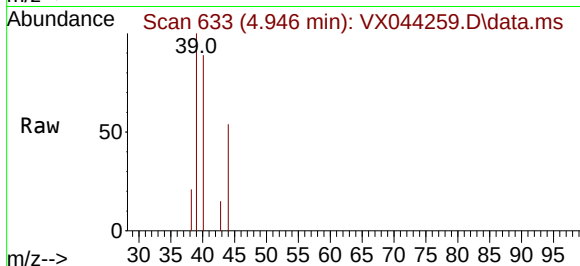
Acq: 12 Dec 2024 17:51

Instrument :

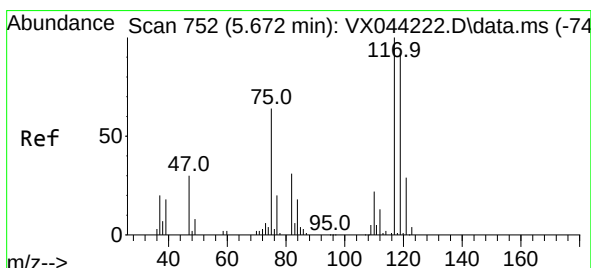
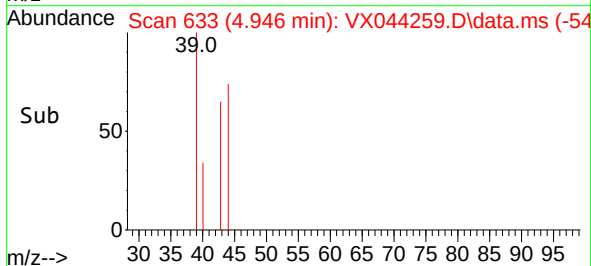
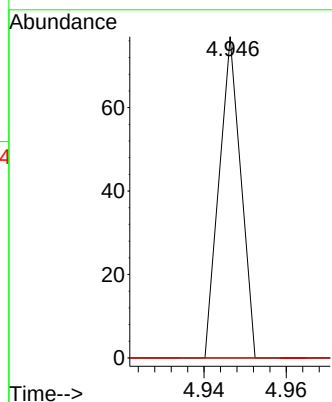
MSVOA_X

ClientSampleId :

RE134D4-20241210



Tgt Ion:	43	Resp:	28
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	7.7	11.5#



#38

Carbon Tetrachloride

Concen: 6.837 ug/l

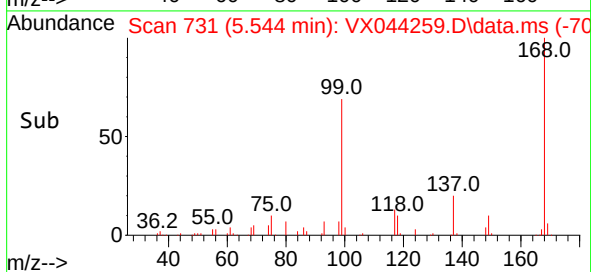
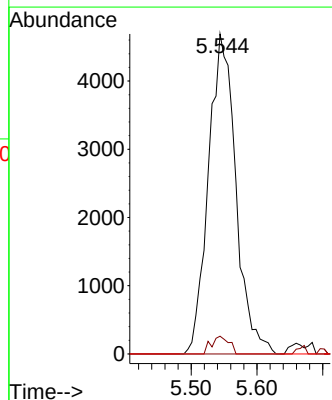
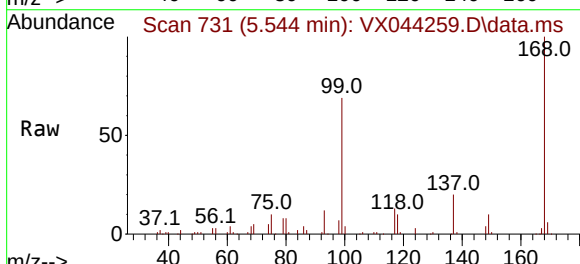
RT: 5.544 min Scan# 731

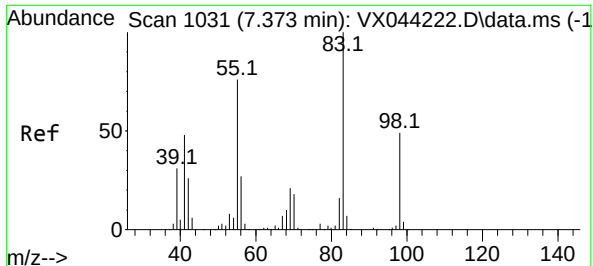
Delta R.T. -0.128 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Tgt Ion:	117	Resp:	13616
Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.2	111.4#
121	0.0	23.0	34.6#





#39

Methylcyclohexane

Concen: 0.378 ug/l

RT: 7.123 min Scan# 91

Delta R.T. -0.250 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20241210

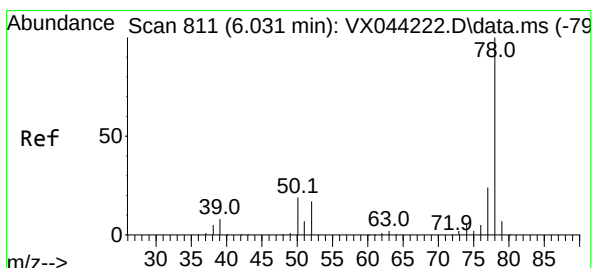
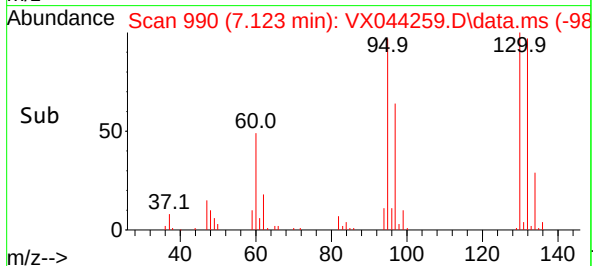
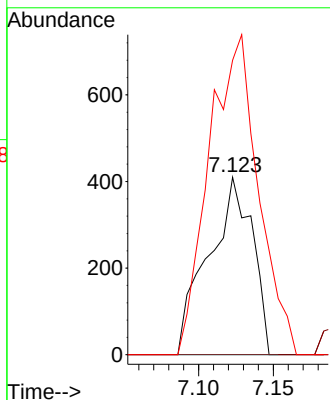
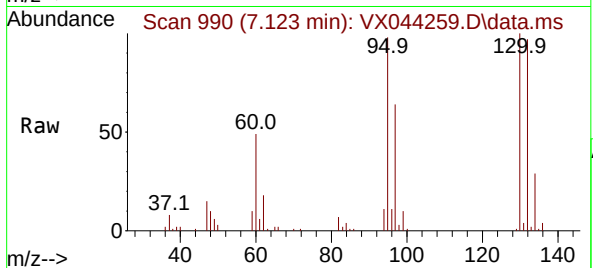
Tgt Ion: 83 Resp: 836

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 165.9 38.9 58.3#



#40

Benzene

Concen: 0.014 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX044259.D

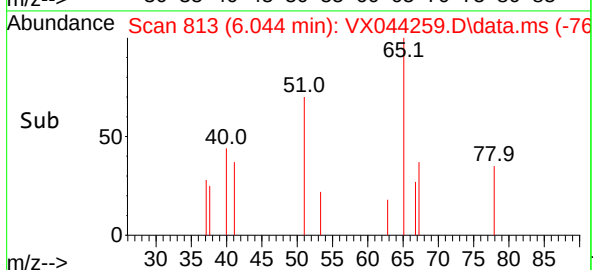
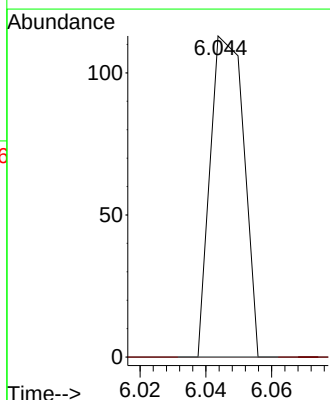
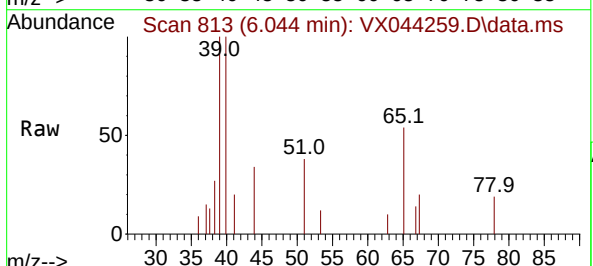
Acq: 12 Dec 2024 17:51

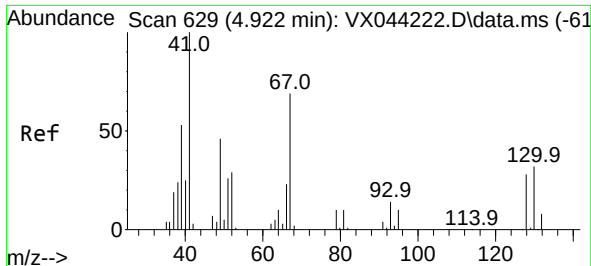
Tgt Ion: 78 Resp: 80

Ion Ratio Lower Upper

78 100

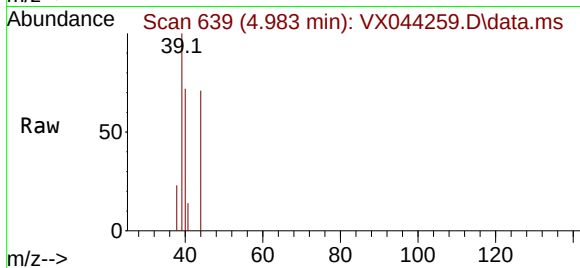
77 0.0 19.3 28.9#



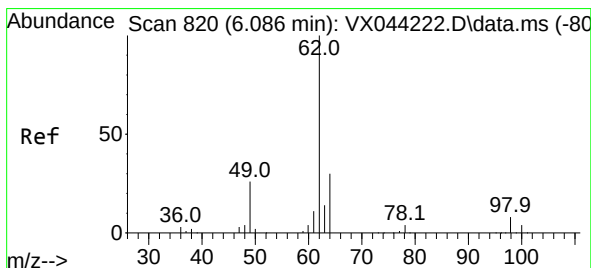
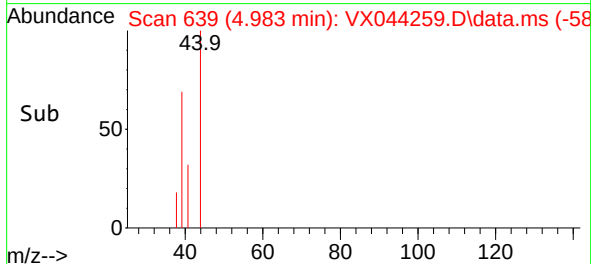
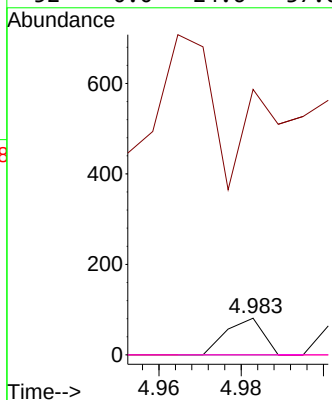


#41
Methacrylonitrile
Concen: 0.041 ug/l
RT: 4.983 min Scan# 61
Delta R.T. 0.061 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

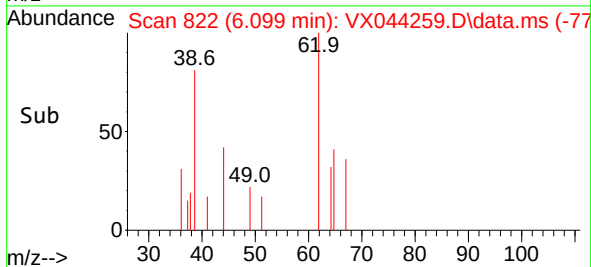
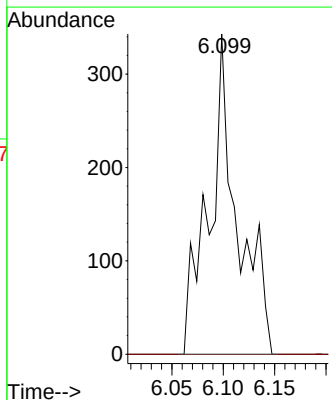
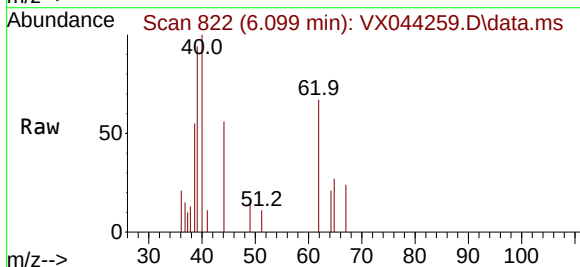


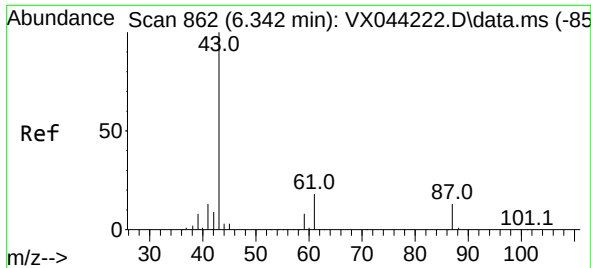
Tgt Ion:	41	Resp:	50
Ion	Ratio	Lower	Upper
41	100		
39	576.0	44.2	66.4#
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 0.287 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion:	62	Resp:	664
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 0.008 ug/l

RT: 6.367 min Scan# 866

Delta R.T. 0.024 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20241210

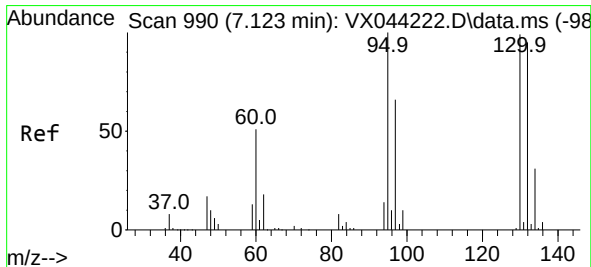
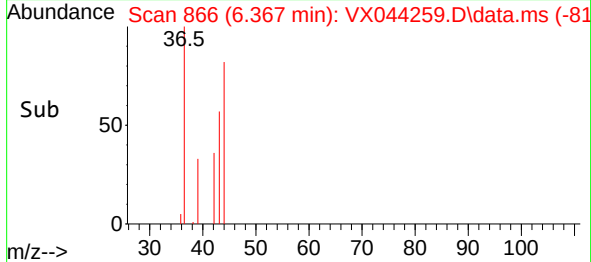
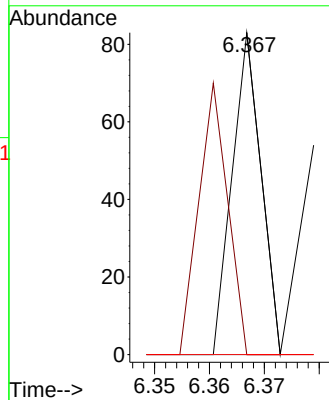
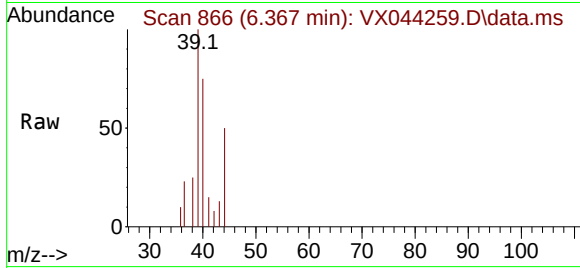
Tgt Ion: 43 Resp: 30

Ion Ratio Lower Upper

43 100

61 86.7 14.2 21.2#

87 0.0 10.2 15.2#



#44

Trichloroethene

Concen: 42.409 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX044259.D

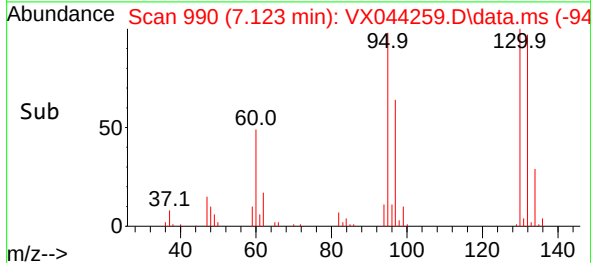
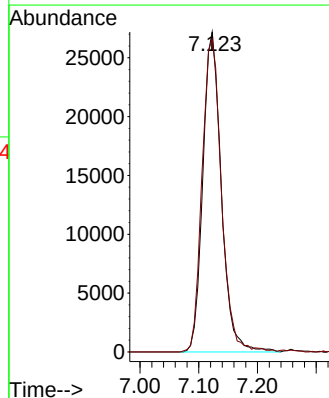
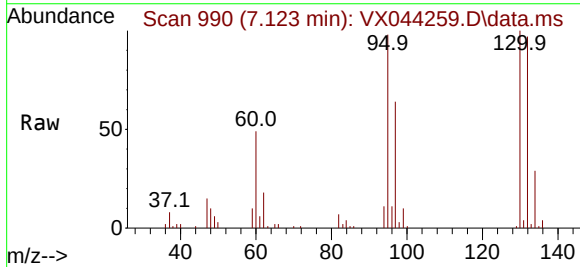
Acq: 12 Dec 2024 17:51

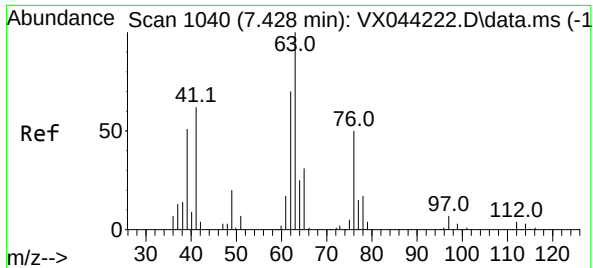
Tgt Ion:130 Resp: 59394

Ion Ratio Lower Upper

130 100

95 97.8 0.0 201.4

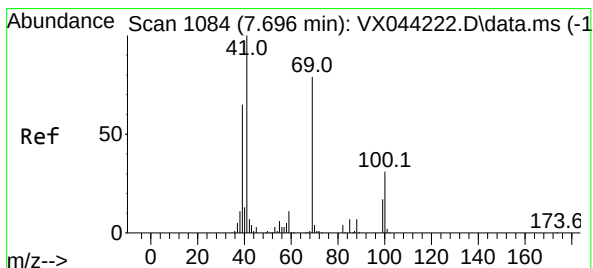
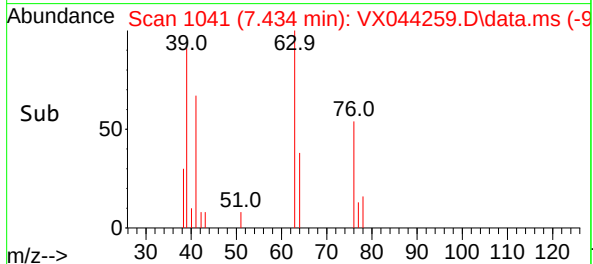
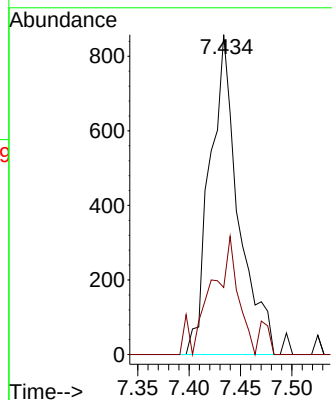
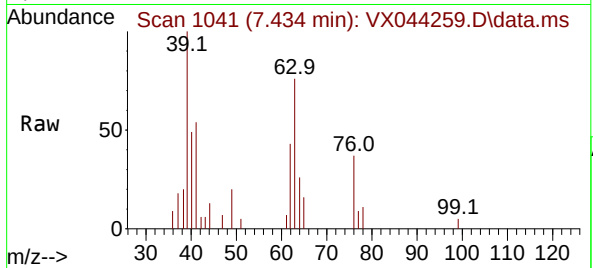




#45
1,2-Dichloropropane
Concen: 1.155 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

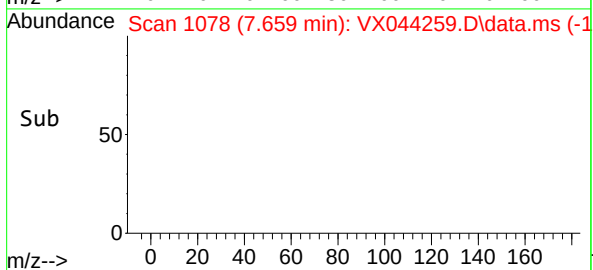
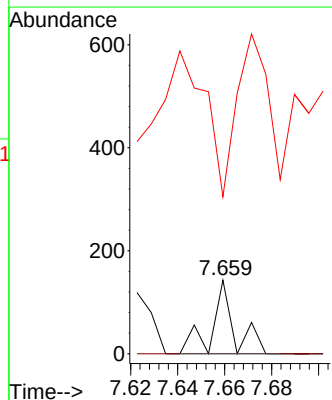
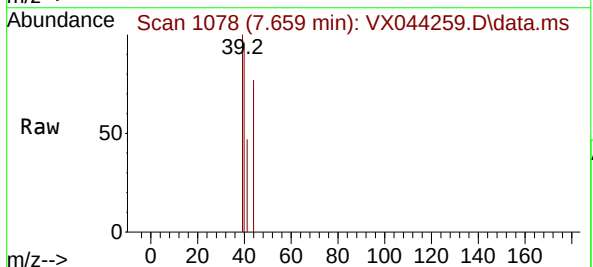
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

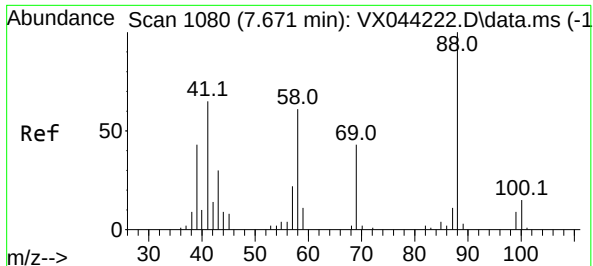
Tgt Ion: 63 Resp: 1657
Ion Ratio Lower Upper
63 100
65 21.0 24.6 37.0#



#48
Methyl methacrylate
Concen: 0.055 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.037 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 41 Resp: 95
Ion Ratio Lower Upper
41 100
69 0.0 62.4 93.6#
39 303.2 53.3 79.9#





#49

1,4-Dioxane

Concen: 0.834 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.018 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20241210

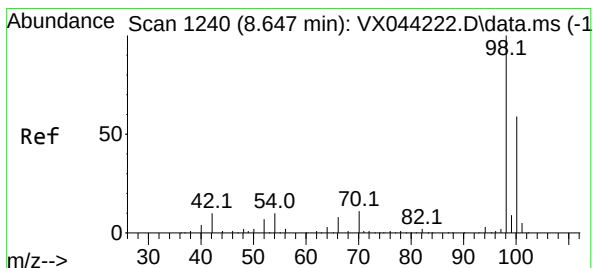
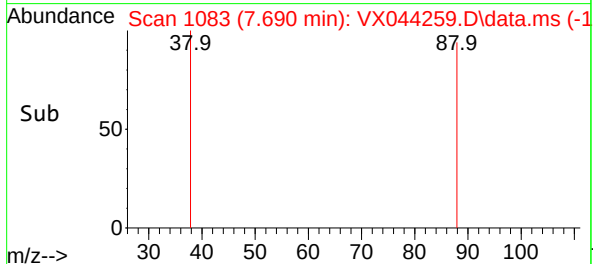
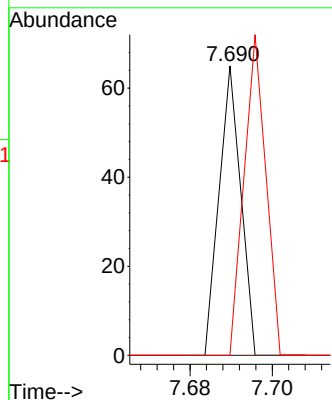
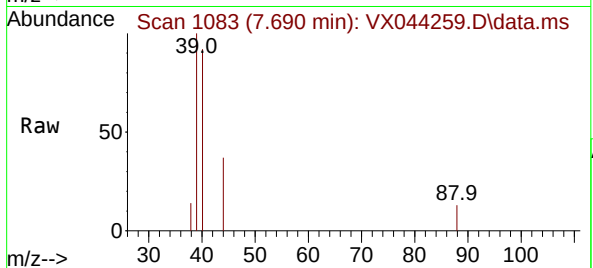
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 0.0 27.1 40.7#

58 108.3 41.0 61.4#



#50

Toluene-d8

Concen: 51.978 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044259.D

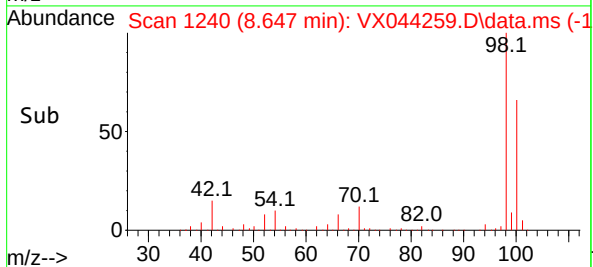
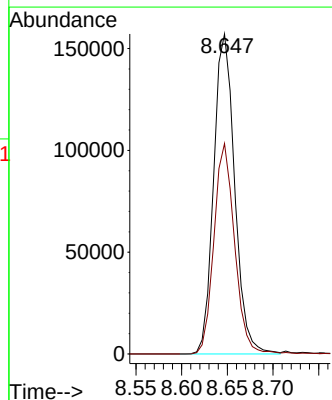
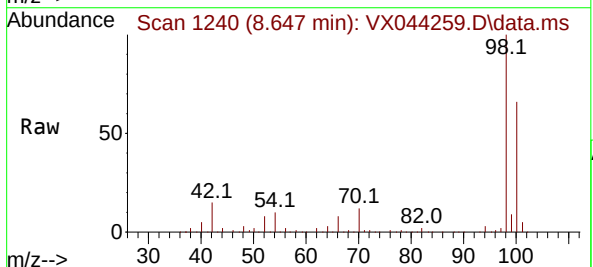
Acq: 12 Dec 2024 17:51

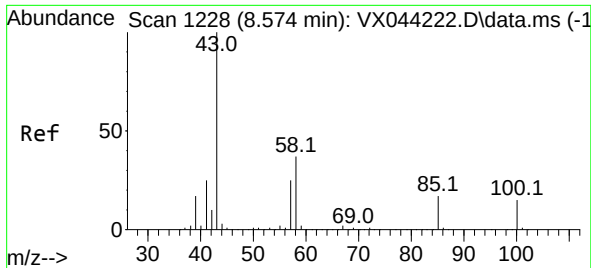
Tgt Ion: 98 Resp: 250932

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3

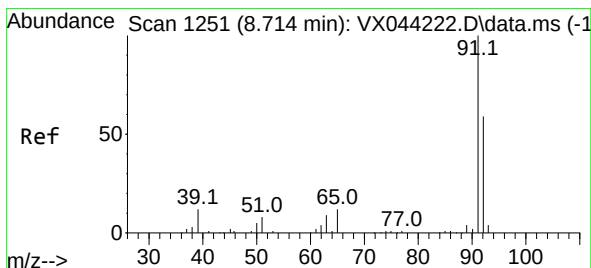
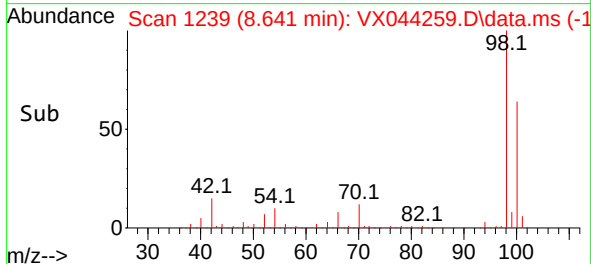
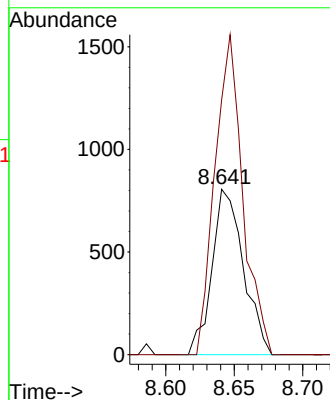
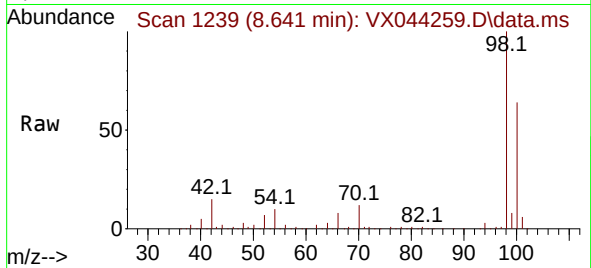




#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

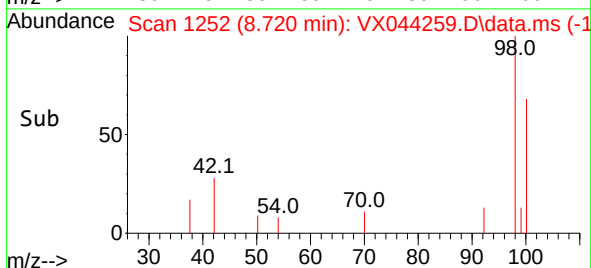
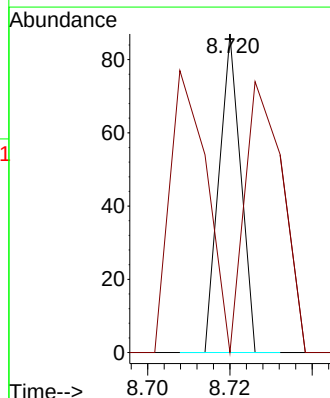
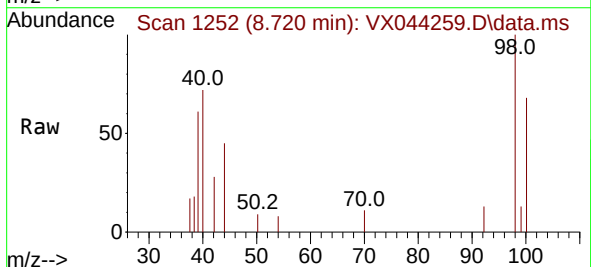
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

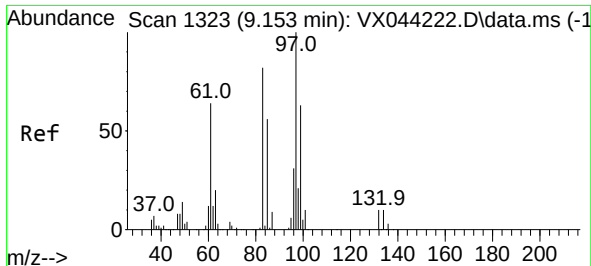
Tgt Ion: 43 Resp: 1287
Ion Ratio Lower Upper
43 100
58 171.3 29.4 44.0#



#52
Toluene
Concen: 0.009 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 92 Resp: 32
Ion Ratio Lower Upper
92 100
91 146.9 137.0 205.6

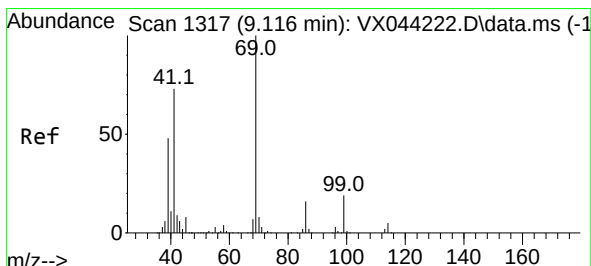
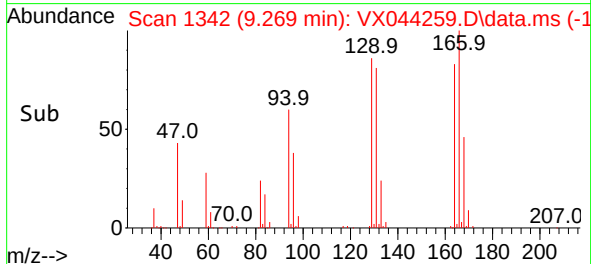
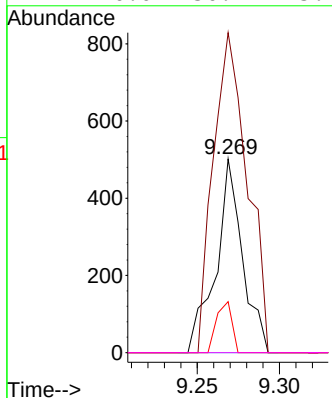
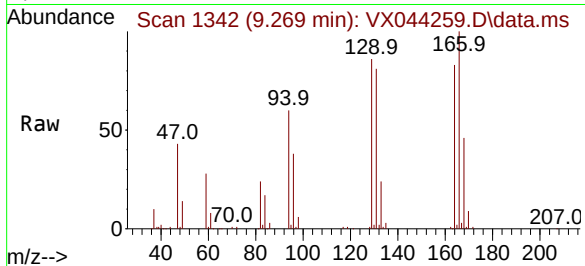




#55
1,1,2-Trichloroethane
Concen: 0.403 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.116 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

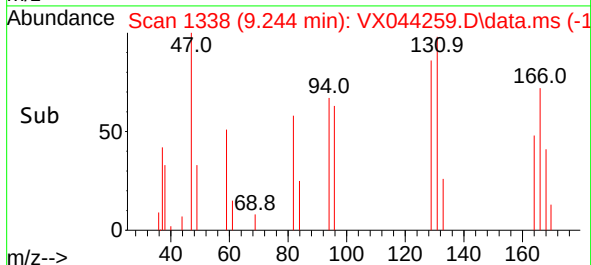
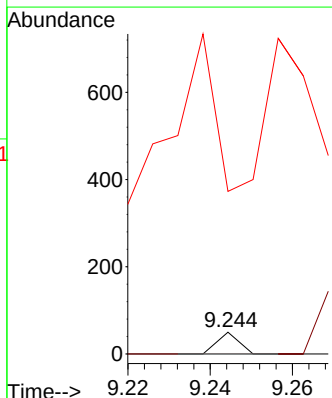
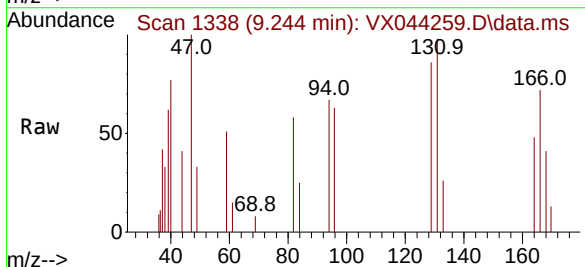
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

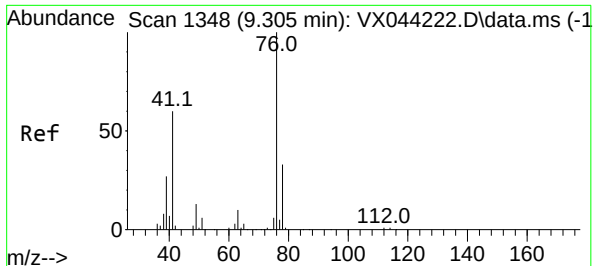
Tgt Ion: 97	Resp: 564
Ion Ratio	Lower Upper
97 100	
83 165.1	65.3 97.9#
85 26.3	44.6 67.0#
99 0.0	50.2 75.2#



#56
Ethyl methacrylate
Concen: 0.008 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion:	69	Resp:	18
Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.6	85.0#
39	1466.7	37.4	56.0#





#57

1,3-Dichloropropane

Concen: 0.013 ug/l

RT: 9.336 min Scan# 11

Delta R.T. 0.030 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

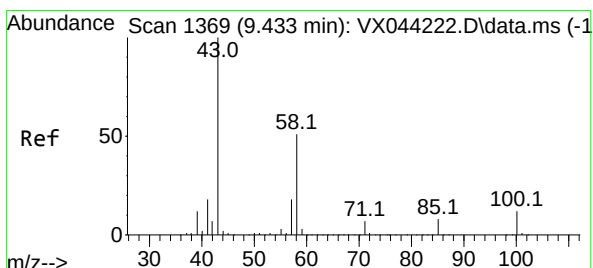
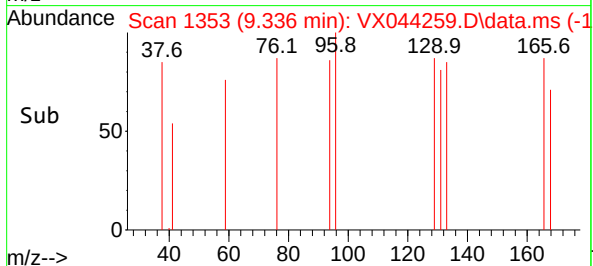
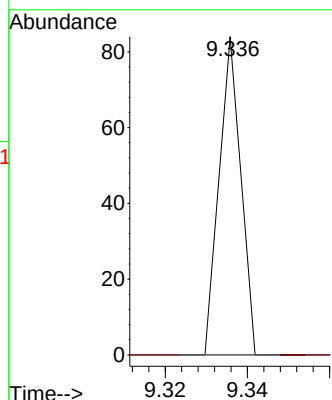
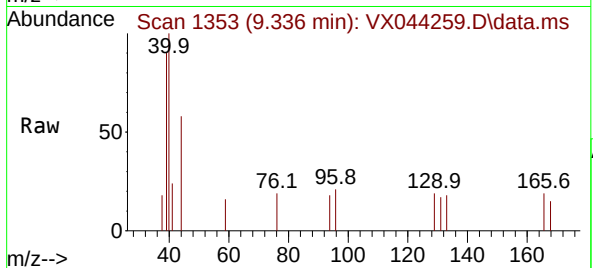
RE134D4-20241210

Tgt Ion: 76 Resp: 31

Ion Ratio Lower Upper

76 100

78 0.0 26.5 39.7#



#59

2-Hexanone

Concen: 0.018 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.183 min

Lab File: VX044259.D

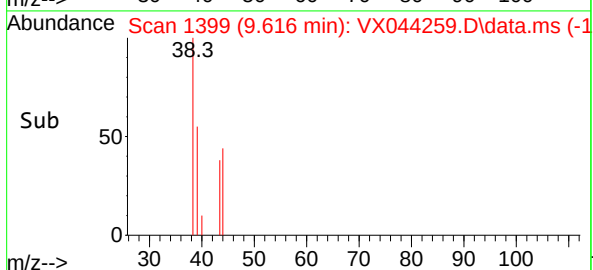
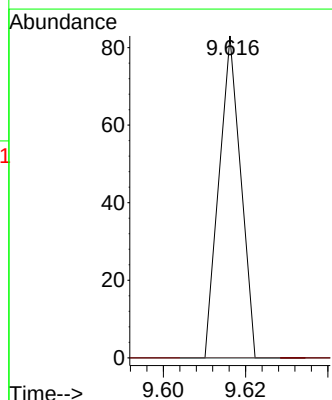
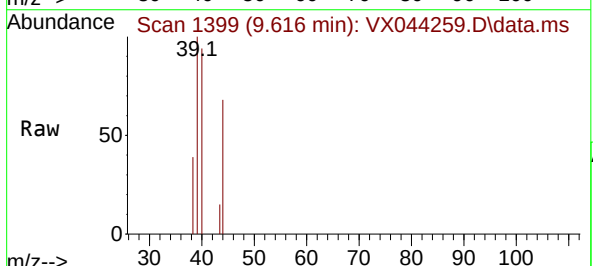
Acq: 12 Dec 2024 17:51

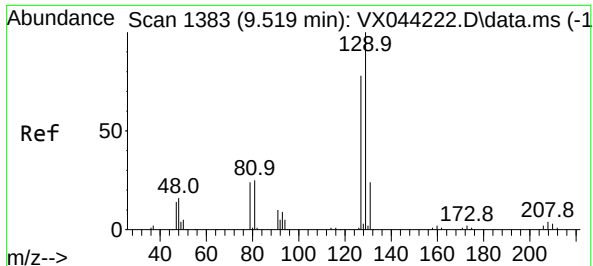
Tgt Ion: 43 Resp: 30

Ion Ratio Lower Upper

43 100

58 0.0 25.7 77.0#

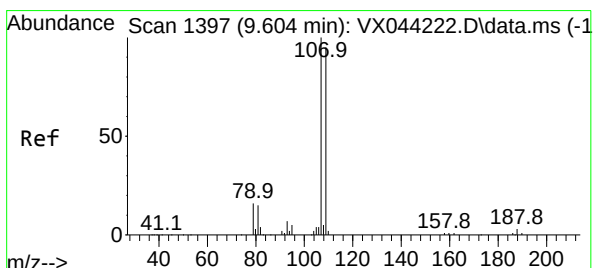
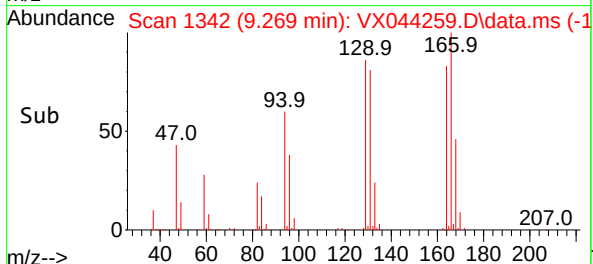
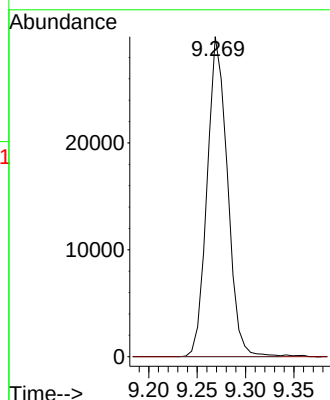
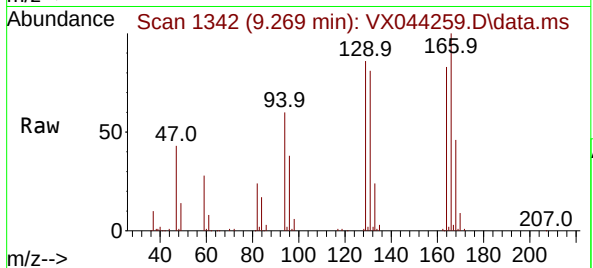




#60
Dibromochloromethane
Concen: 30.575 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

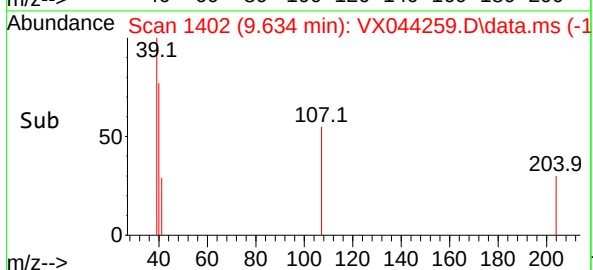
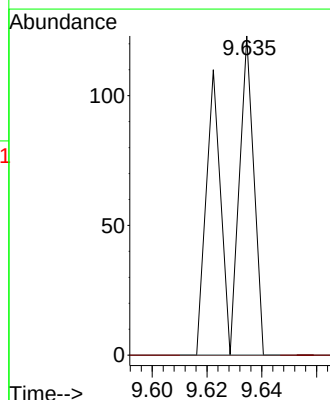
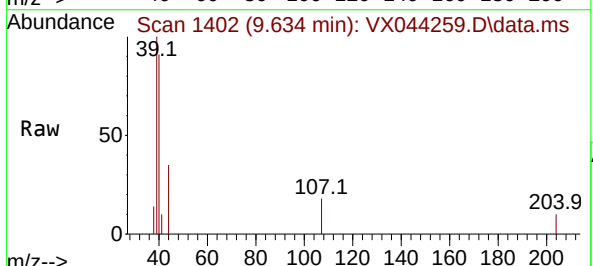
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

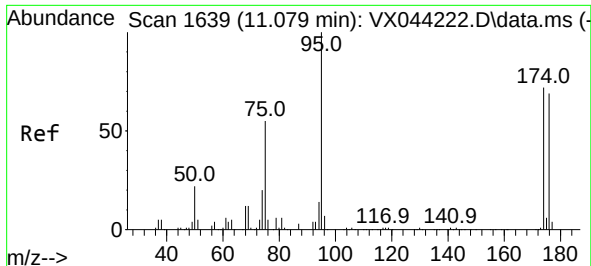
Tgt Ion:129 Resp: 43856
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#61
1,2-Dibromoethane
Concen: 0.060 ug/l
RT: 9.634 min Scan# 1402
Delta R.T. 0.030 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion:107 Resp: 85
Ion Ratio Lower Upper
107 100
109 0.0 77.0 115.4#





#62

4-Bromofluorobenzene

Concen: 50.202 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20241210

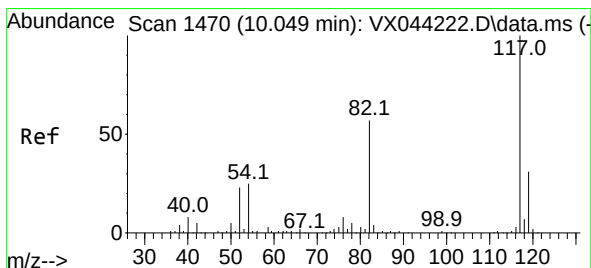
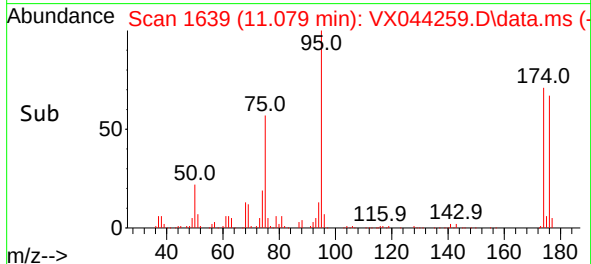
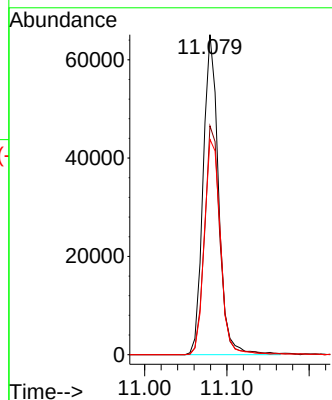
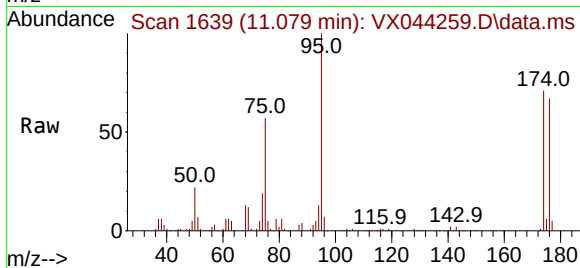
Tgt Ion: 95 Resp: 84686

Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.8

176 70.9 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: VX044259.D

Acq: 12 Dec 2024 17:51

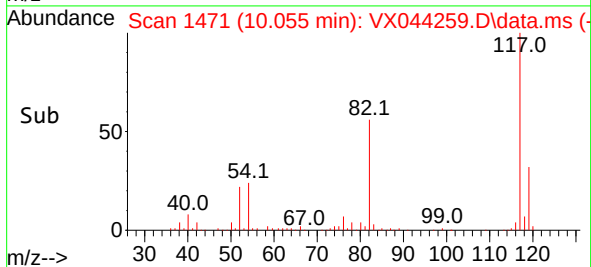
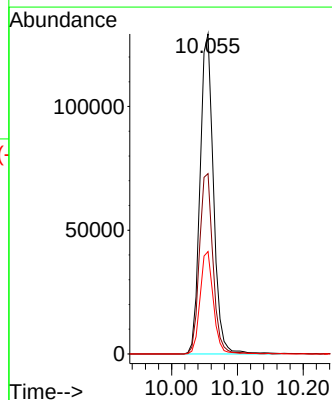
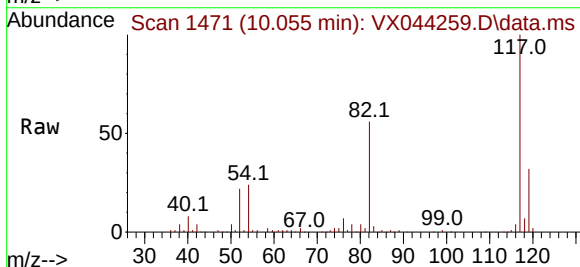
Tgt Ion: 117 Resp: 183647

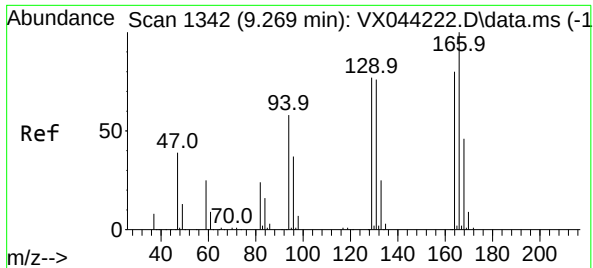
Ion Ratio Lower Upper

117 100

82 56.4 45.8 68.8

119 32.0 25.0 37.4

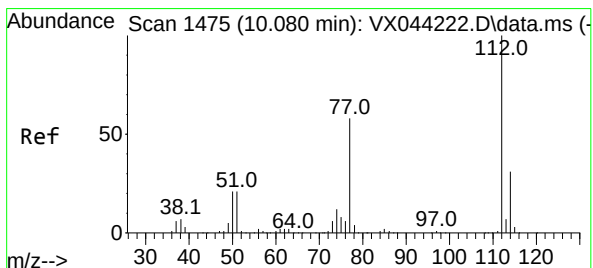
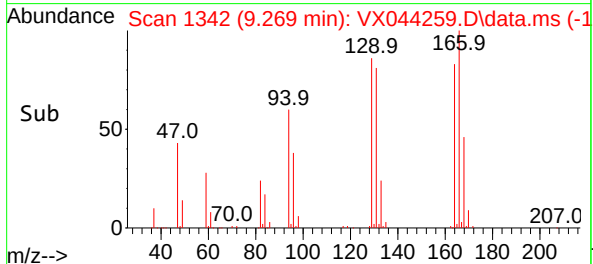
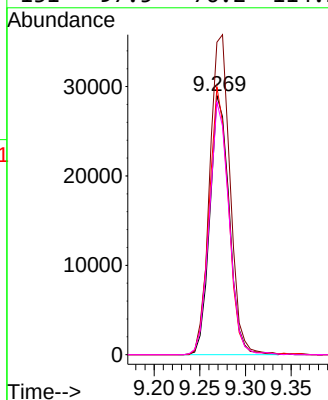
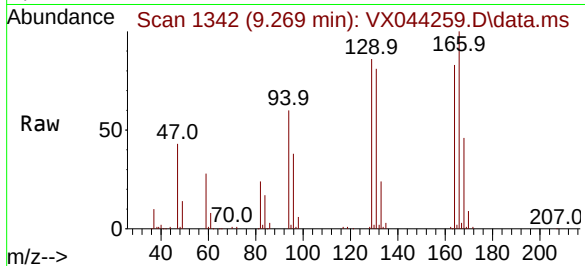




#64
Tetrachloroethene
Concen: 34.877 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

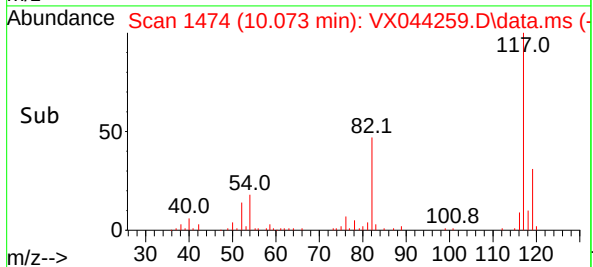
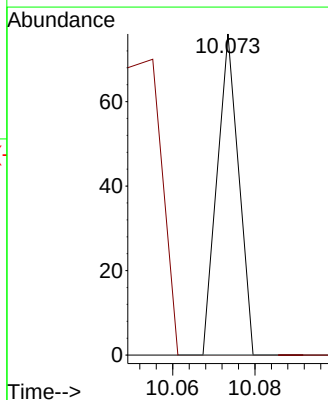
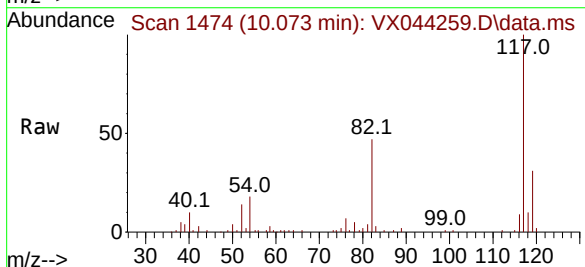
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

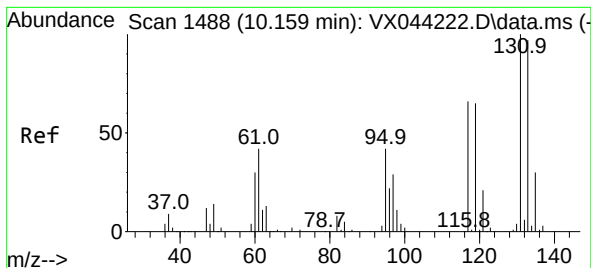
Tgt Ion:164	Resp:	42512
Ion	Ratio	Lower Upper
164	100	
166	120.6	100.4 150.6
129	103.3	77.2 115.8
131	97.5	76.2 114.2



#65
Chlorobenzene
Concen: 0.007 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion:112	Resp:	28
Ion	Ratio	Lower Upper
112	100	
114	0.0	25.0 37.6#

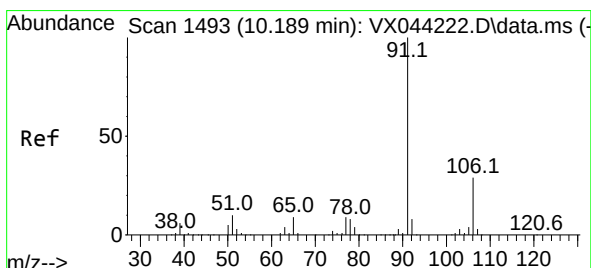
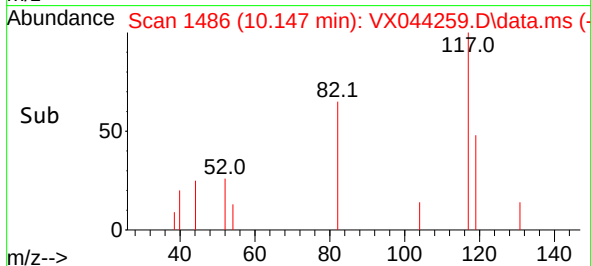
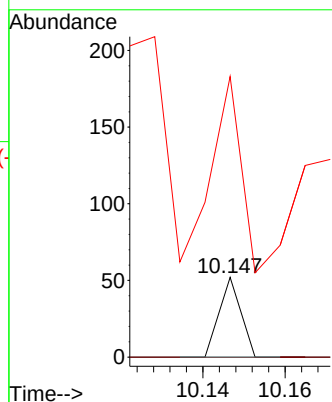
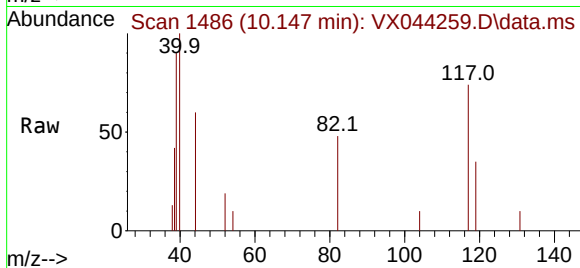




#66
1,1,1,2-Tetrachloroethane
Concen: 0.015 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.012 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

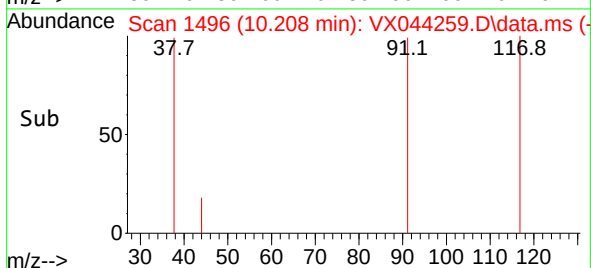
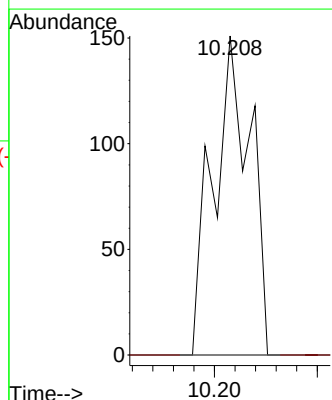
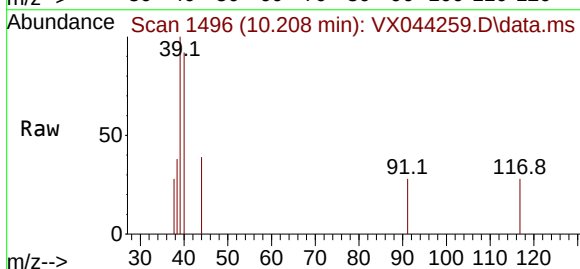
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

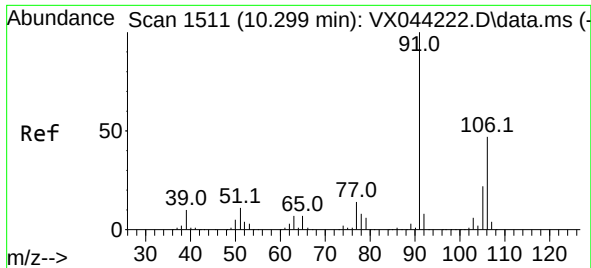
Tgt Ion:131 Resp: 19
Ion Ratio Lower Upper
131 100
133 0.0 47.3 141.8#
119 0.0 31.6 95.0#



#67
Ethyl Benzene
Concen: 0.028 ug/l
RT: 10.208 min Scan# 1496
Delta R.T. 0.018 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 91 Resp: 190
Ion Ratio Lower Upper
91 100
106 0.0 23.5 35.3#

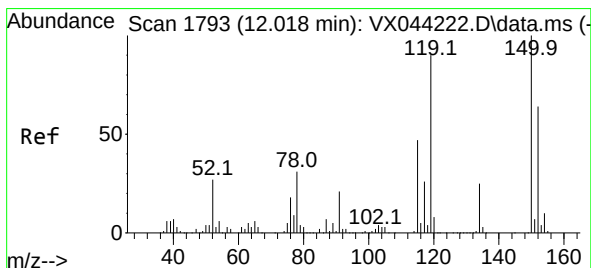
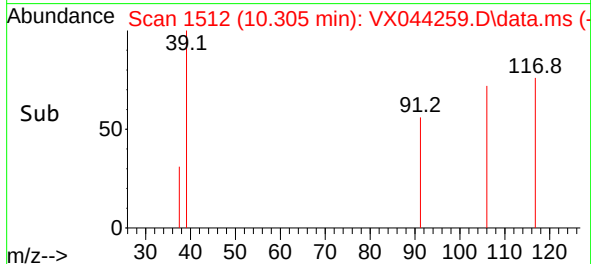
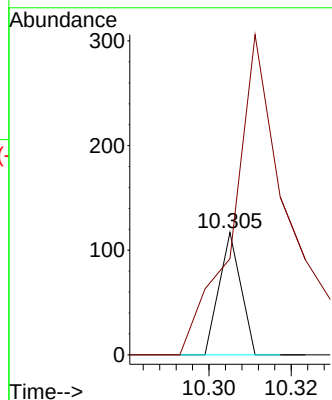
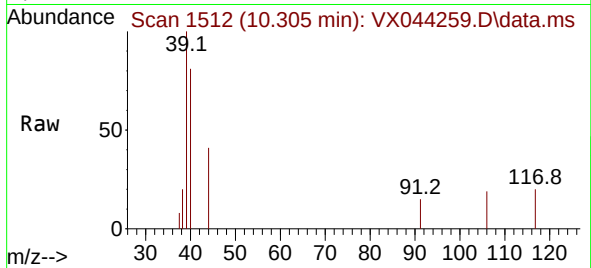




#68
m/p-Xylenes
Concen: 0.017 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

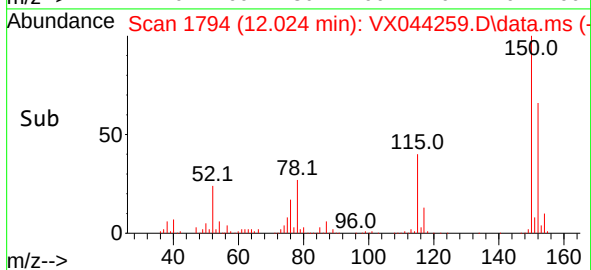
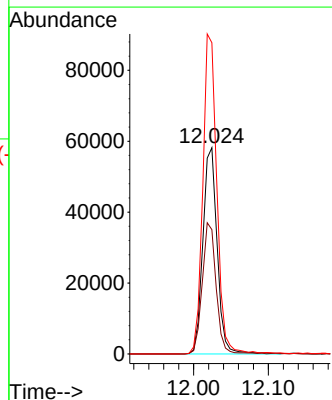
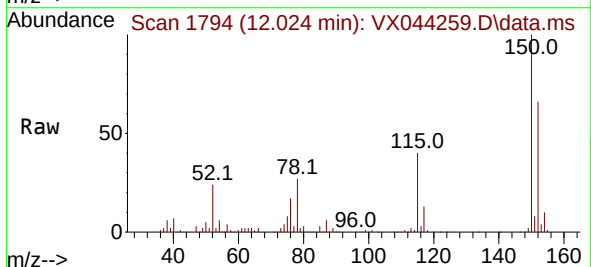
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

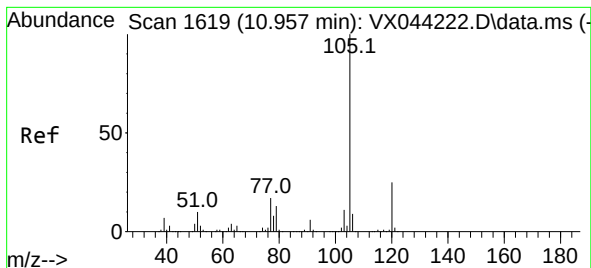
Tgt Ion:106 Resp: 43
Ion Ratio Lower Upper
106 100
91 644.2 170.2 255.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion:152 Resp: 77129
Ion Ratio Lower Upper
152 100
115 61.8 44.5 133.3
150 152.0 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: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

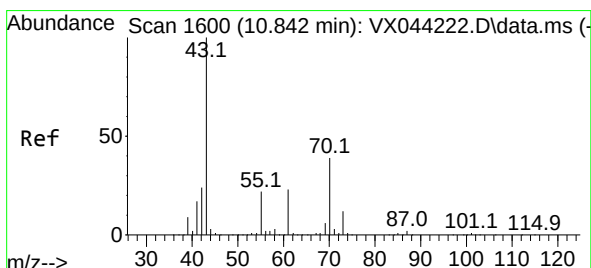
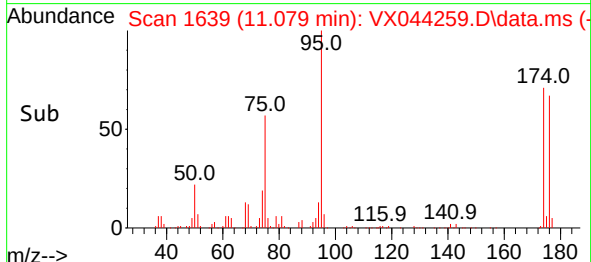
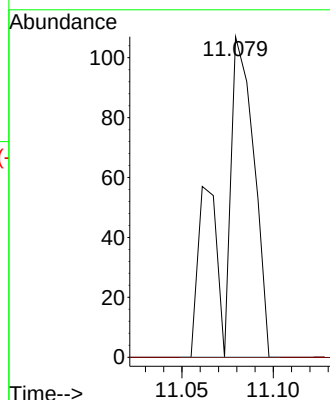
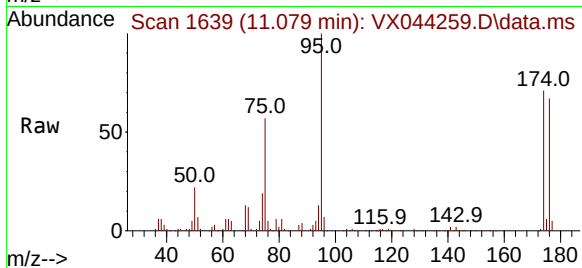
RE134D4-20241210

Tgt Ion:105 Resp: 133

Ion Ratio Lower Upper

105 100

120 0.0 13.1 39.3#



#74

N-ethyl acetate

Concen: 0.007 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.183 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Tgt Ion: 43 Resp: 19

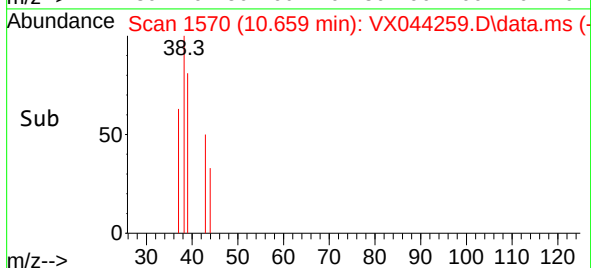
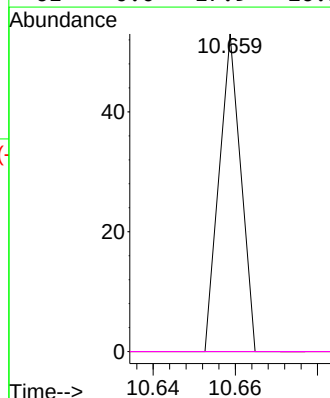
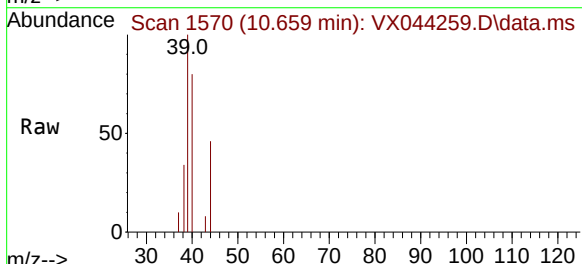
Ion Ratio Lower Upper

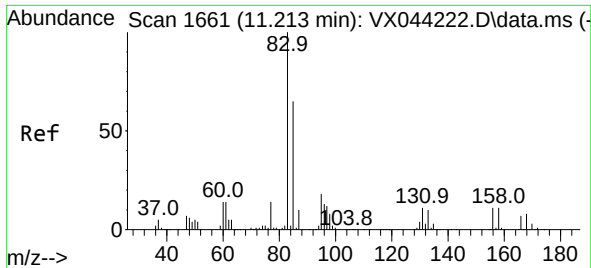
43 100

70 0.0 31.9 47.9#

55 0.0 17.9 26.9#

61 0.0 17.9 26.9#

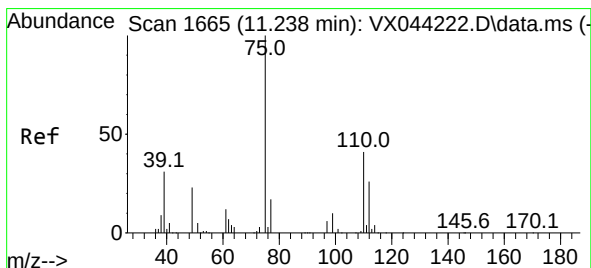
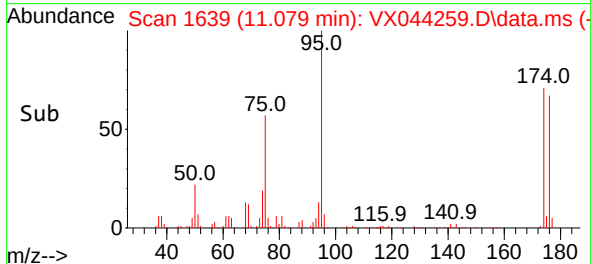
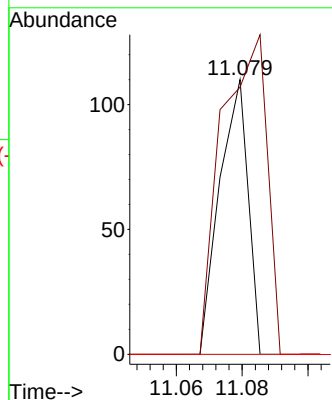
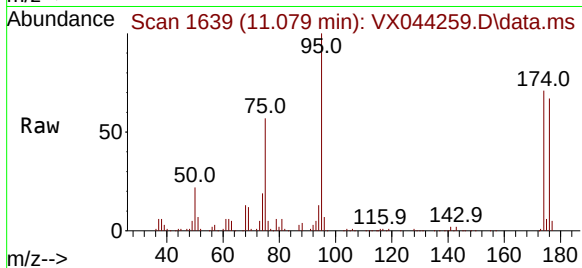




#75
1,1,2-Tetrachloroethane
Concen: 0.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

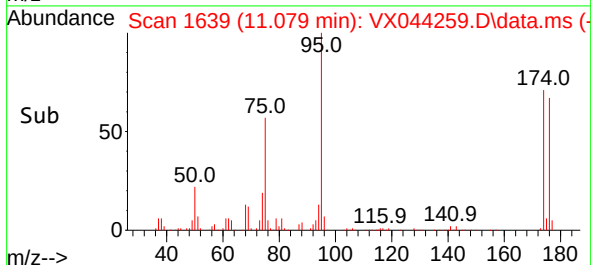
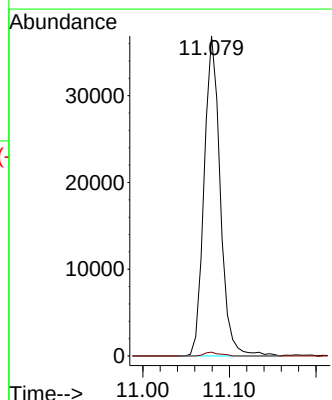
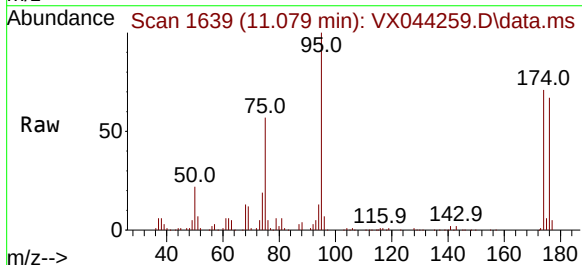
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

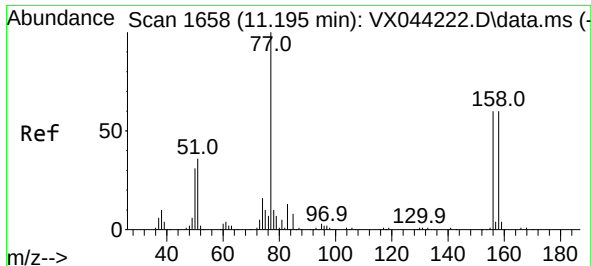
Tgt Ion: 83 Resp: 66
Ion Ratio Lower Upper
83 100
131 184.8 5.1 15.4#
85 0.0 32.5 97.4#



#76
1,2,3-Trichloropropane
Concen: 27.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 75 Resp: 47736
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#

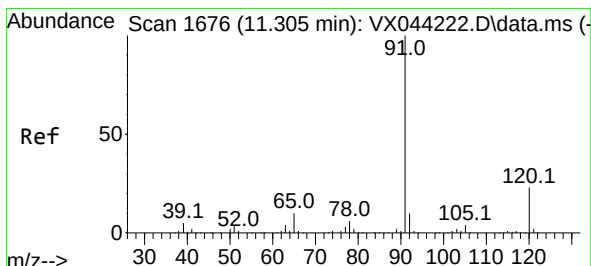
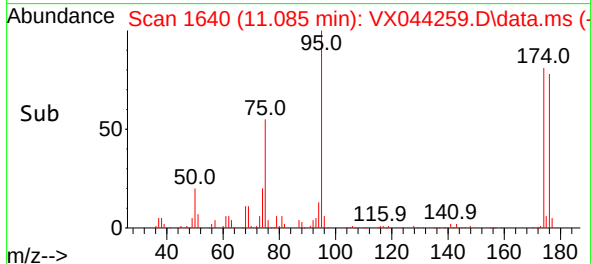
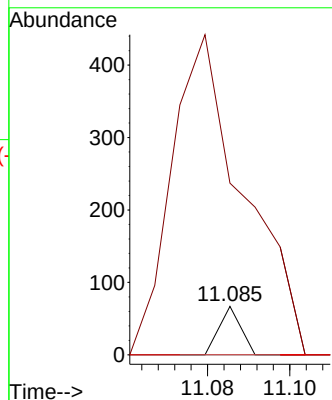
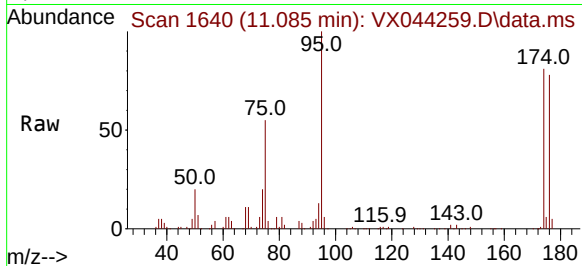




#77
Bromobenzene
Concen: 0.017 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.110 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

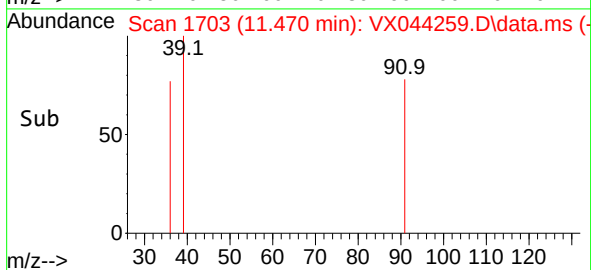
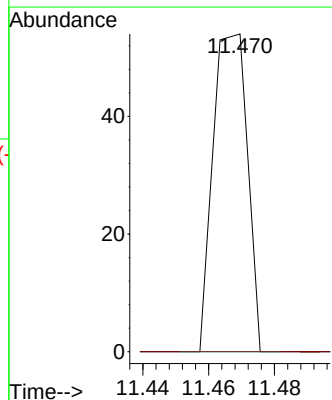
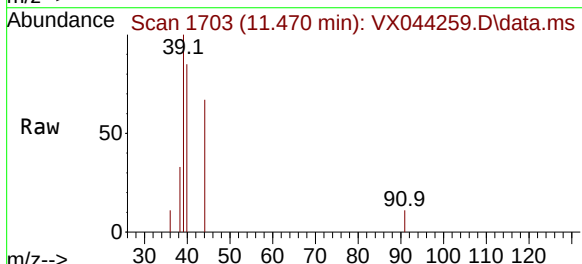
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

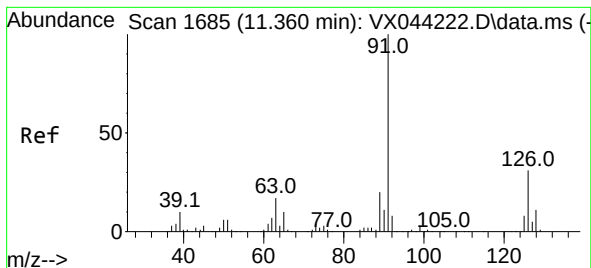
Tgt Ion:156 Resp: 25
Ion Ratio Lower Upper
156 100
77 2156.0 82.6 247.8#
158 0.0 48.8 146.4#



#78
n-propylbenzene
Concen: 0.006 ug/l
RT: 11.470 min Scan# 1703
Delta R.T. 0.165 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

Tgt Ion: 91 Resp: 39
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#





#79

2-Chlorotoluene

Concen: 0.009 ug/l

RT: 11.470 min Scan# 11

Delta R.T. 0.110 min

Lab File: VX044259.D

Acq: 12 Dec 2024 17:51

Instrument :

MSVOA_X

ClientSampleId :

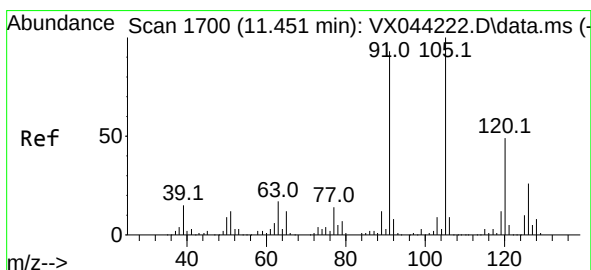
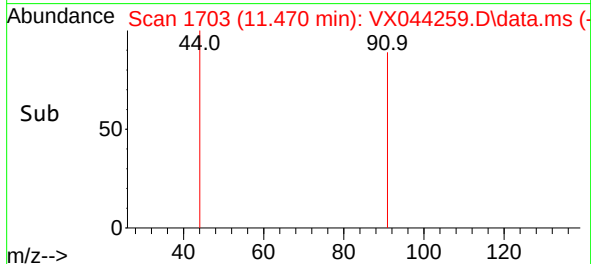
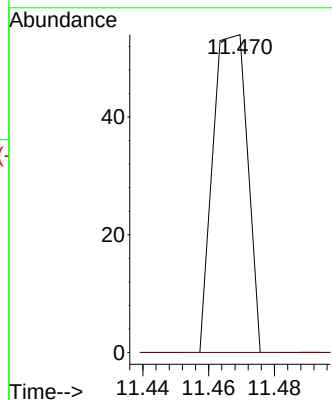
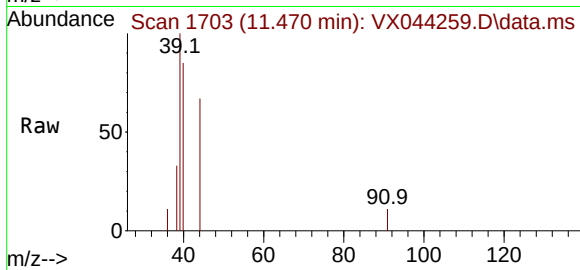
RE134D4-20241210

Tgt Ion: 91 Resp: 39

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



#80

1,3,5-Trimethylbenzene

Concen: 0.017 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044259.D

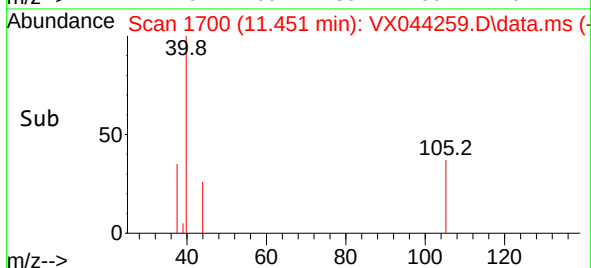
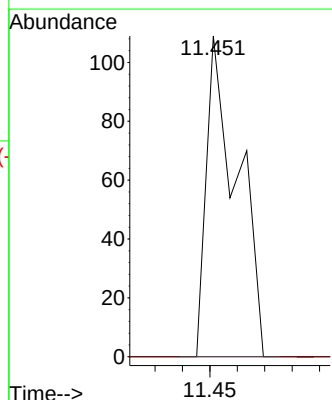
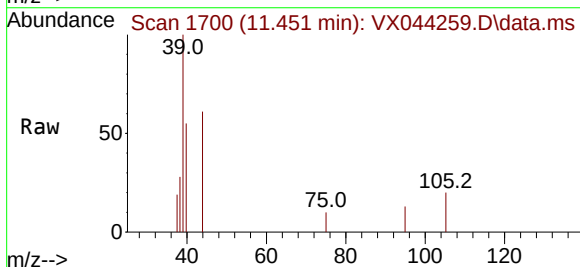
Acq: 12 Dec 2024 17:51

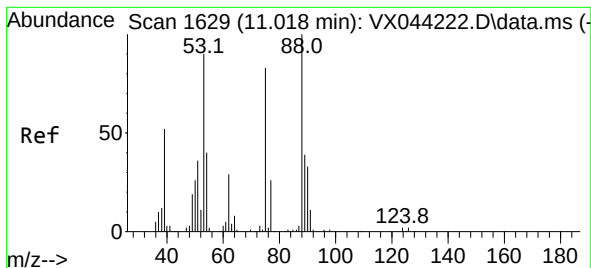
Tgt Ion: 105 Resp: 85

Ion Ratio Lower Upper

105 100

120 0.0 23.8 71.4#

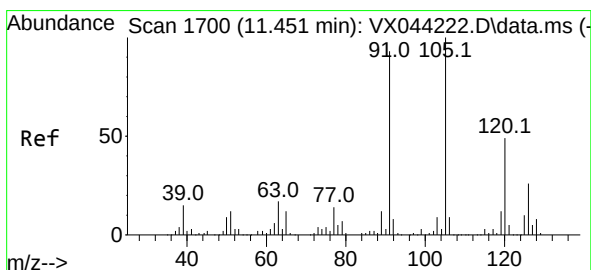
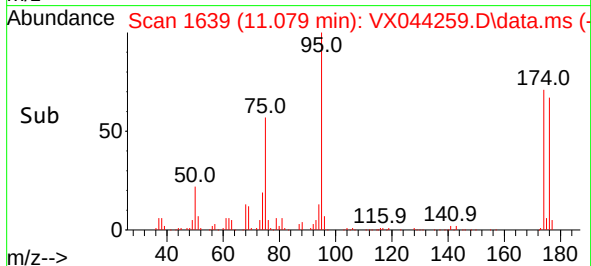
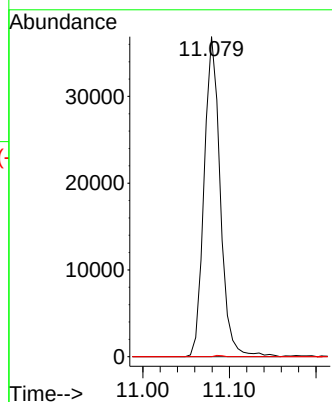
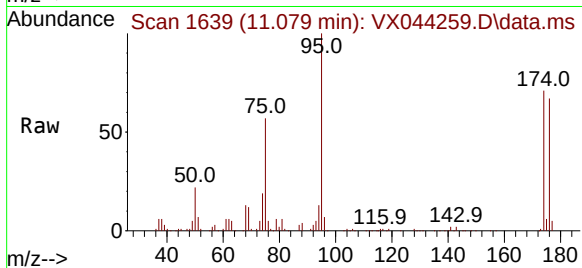




#81
trans-1,4-Dichloro-2-butene
Concen: 76.147 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

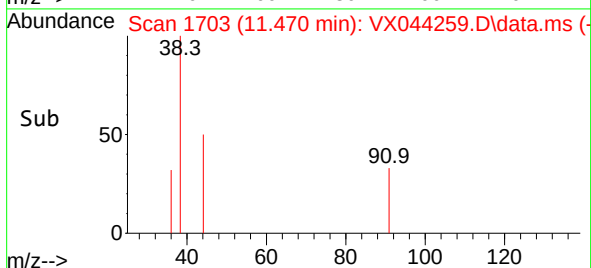
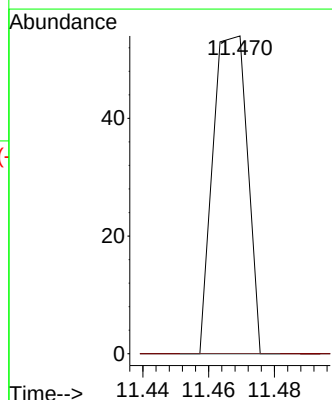
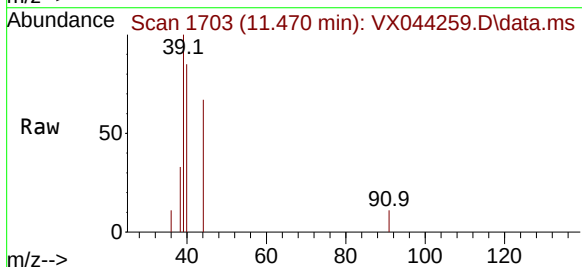
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210

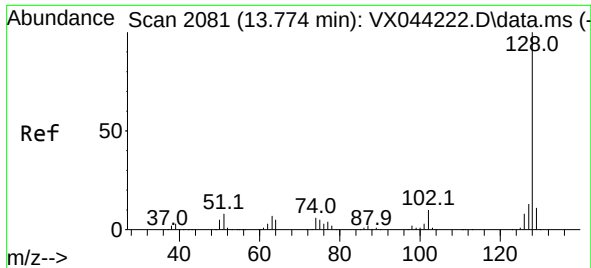
Tgt Ion: 75 Resp: 47736
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.2 37.3 55.9#



#82
4-Chlorotoluene
Concen: 0.008 ug/l
RT: 11.470 min Scan# 1703
Delta R.T. 0.018 min
Lab File: VX044259.D
Acq: 12 Dec 2024 17:51

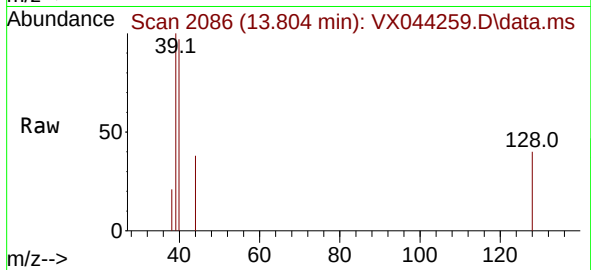
Tgt Ion: 91 Resp: 39
Ion Ratio Lower Upper
91 100
126 0.0 14.5 43.5#





#95
 Naphthalene
 Concen: 0.047 ug/l
 RT: 13.804 min Scan# 2086
 Delta R.T. 0.030 min
 Lab File: VX044259.D
 Acq: 12 Dec 2024 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20241210



Tgt Ion:128 Resp: 259
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 9.0 13.4#

