

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044256.D
 Acq On : 12 Dec 2024 16:42
 Operator : JC/MD
 Sample : P5261-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20241209

Quant Time: Dec 13 01:45:53 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	110021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97683	50.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.280%	
35) Dibromofluoromethane	5.379	113	69559	46.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.640%	
50) Toluene-d8	8.647	98	259352	51.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	11.079	95	89420	51.054	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.100%	

Target Compounds						Qvalue
3) Chloromethane	1.294	50	1052	0.647	ug/l #	75
4) Vinyl Chloride	1.581	62	30	0.018	ug/l #	43
5) Bromomethane	1.599	94	129	0.107	ug/l #	33
6) Chloroethane	1.666	64	199	0.189	ug/l #	1
7) Trichlorofluoromethane	1.873	101	41	0.012	ug/l #	18
9) 1,1,2-Trichlorotrifluo...	2.319	101	1625	1.210	ug/l	96
11) Tert butyl alcohol	2.983	59	20	0.074	ug/l #	71
12) 1,1-Dichloroethene	2.312	96	71	0.058	ug/l #	12
13) Acrolein	2.148	56	94	0.239	ug/l #	14
14) Allyl chloride	2.654	41	109	0.053	ug/l #	56
16) Acetone	2.380	43	1213	1.542	ug/l	99
17) Carbon Disulfide	2.508	76	68	0.029	ug/l #	75
18) Methyl Acetate	2.709	43	373	0.184	ug/l #	54
20) Methylene Chloride	2.776	84	372	0.252	ug/l #	66
21) trans-1,2-Dichloroethene	2.867	96	23	0.018	ug/l #	1
22) Diisopropyl ether	3.556	45	57	0.012	ug/l #	26
23) Vinyl Acetate	3.629	43	25	0.007	ug/l #	73
24) 1,1-Dichloroethane	3.605	63	27	0.010	ug/l #	82
25) 2-Butanone	4.647	43	52	0.047	ug/l #	50
27) cis-1,2-Dichloroethene	4.501	96	127	0.076	ug/l	74
29) Tetrahydrofuran	5.196	42	61	0.085	ug/l #	32
30) Chloroform	5.105	83	176	0.061	ug/l #	18
31) Cyclohexane	5.537	56	3179	1.527	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10716	5.580	ug/l #	50
37) Ethyl Acetate	4.647	43	52	0.022	ug/l #	71
38) Carbon Tetrachloride	5.544	117	13248	6.407	ug/l #	17
39) Methylcyclohexane	7.123	83	2141	0.933	ug/l #	1
40) Benzene	6.056	78	39	0.007	ug/l #	51
41) Methacrylonitrile	4.922	41	62	0.049	ug/l #	1
42) 1,2-Dichloroethane	6.080	62	56	0.023	ug/l #	78
43) Isopropyl Acetate	6.318	43	19	0.005	ug/l #	63
44) Trichloroethene	7.123	130	147966	101.758	ug/l	100
48) Methyl methacrylate	7.690	41	243	0.135	ug/l #	40
51) 4-Methyl-2-Pentanone	8.531	43	50	0.021	ug/l #	38
52) Toluene	8.634	92	27	0.007	ug/l #	27
55) 1,1,2-Trichloroethane	9.153	97	25	0.017	ug/l #	16

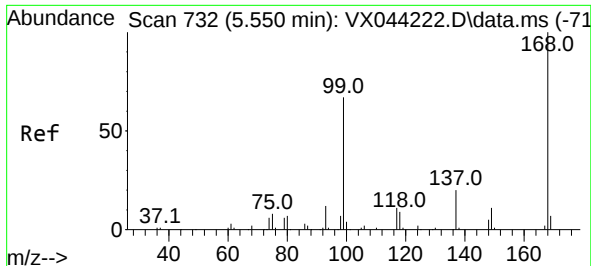
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.000	69	26	0.011	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.202	63	29	0.025	ug/l #	46
59) 2-Hexanone	9.616	43	26	0.015	ug/l #	26
60) Dibromochloromethane	9.336	129	29	1.250	ug/l #	11
64) Tetrachloroethene	9.275	164	456	0.363	ug/l #	57
67) Ethyl Benzene	10.201	91	78	0.011	ug/l #	45
68) m/p-Xylenes	10.329	106	23	0.009	ug/l #	1
71) Bromoform	10.805	173	54	1.294	ug/l #	29
73) Isopropylbenzene	10.969	105	23	0.004	ug/l #	49
74) N-amyl acetate	11.067	43	108	0.038	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.073	83	104	0.049	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	50477	28.239	ug/l #	35
77) Bromobenzene	11.085	156	21	0.014	ug/l #	1
78) n-propylbenzene	11.079	91	528	0.078	ug/l #	54
80) 1,3,5-Trimethylbenzene	11.451	105	29	0.006	ug/l #	29
81) trans-1,4-Dichloro-2-b...	11.079	75	50477	77.470	ug/l #	4
84) 1,2,4-Trimethylbenzene	11.890	105	23	0.005	ug/l #	32
85) sec-Butylbenzene	12.024	105	95	0.016	ug/l	97
87) 1,3-Dichlorobenzene	11.981	146	38	0.015	ug/l #	1
88) 1,4-Dichlorobenzene	12.030	146	123	0.046	ug/l #	1
95) Naphthalene	13.804	128	204	0.035	ug/l #	69

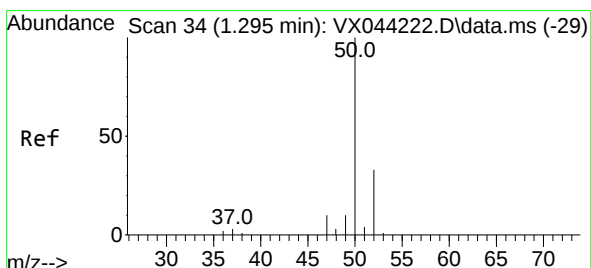
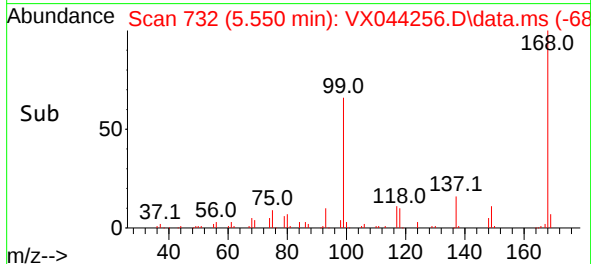
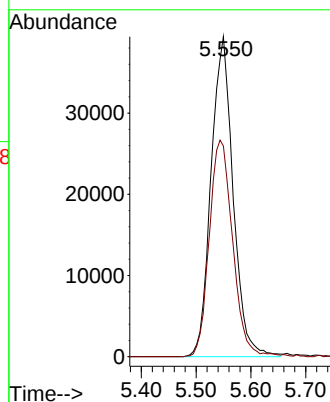
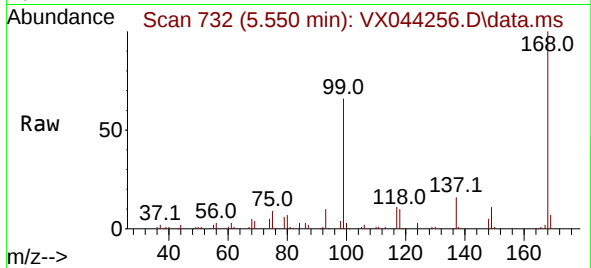
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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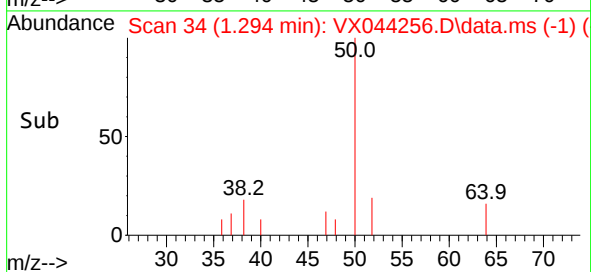
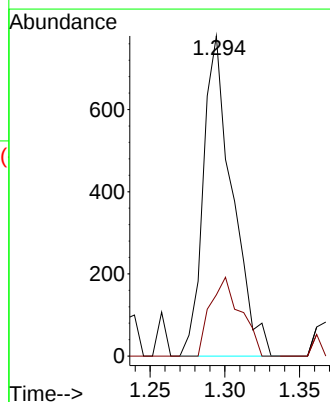
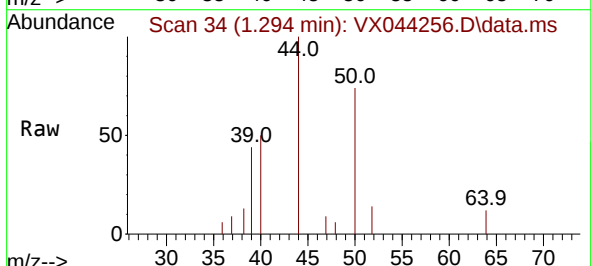
Instrument : MSVOA_X
ClientSampleId : RE103D3-20241209

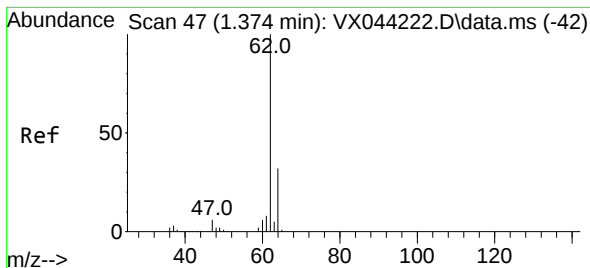
Tgt Ion:168 Resp: 110021
Ion Ratio Lower Upper
168 100
99 65.9 53.4 80.0



#3
Chloromethane
Concen: 0.647 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 50 Resp: 1052
Ion Ratio Lower Upper
50 100
52 19.1 26.5 39.7#





#4

Vinyl Chloride

Concen: 0.018 ug/l

RT: 1.581 min Scan# 81

Delta R.T. 0.207 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

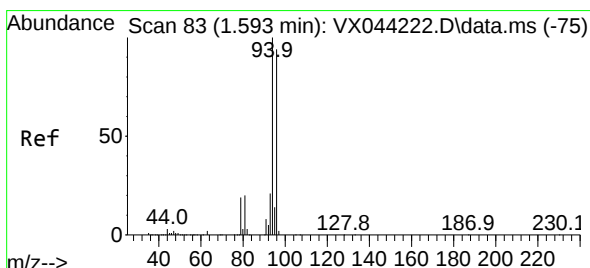
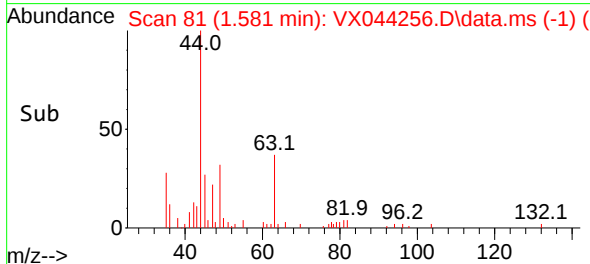
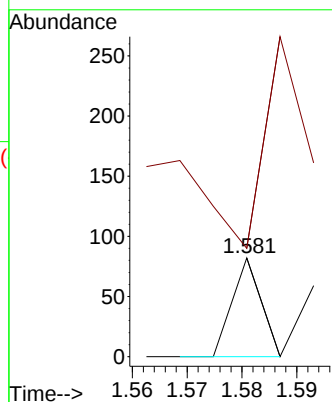
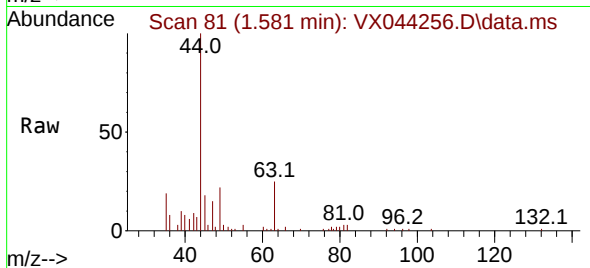
RE103D3-20241209

Tgt Ion: 62 Resp: 30

Ion Ratio Lower Upper

62 100

64 0.0 25.7 38.5#



#5

Bromomethane

Concen: 0.107 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX044256.D

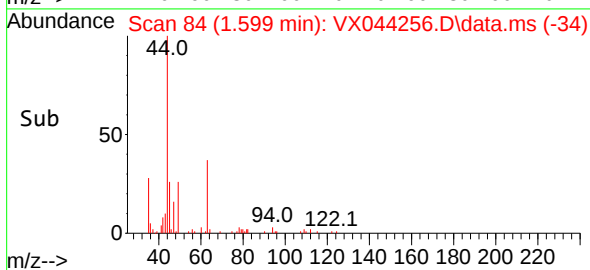
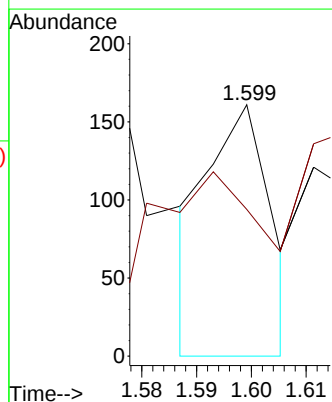
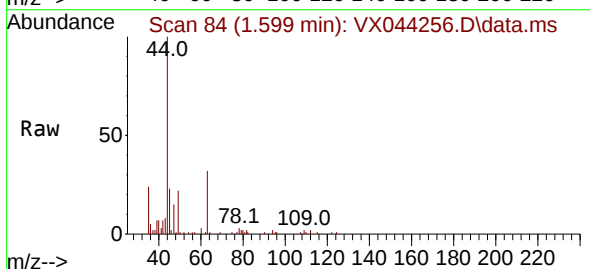
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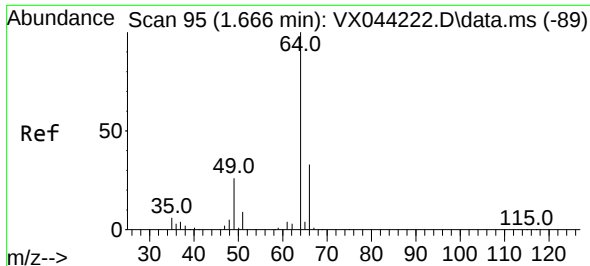
Tgt Ion: 94 Resp: 129

Ion Ratio Lower Upper

94 100

96 29.0 74.9 112.3#

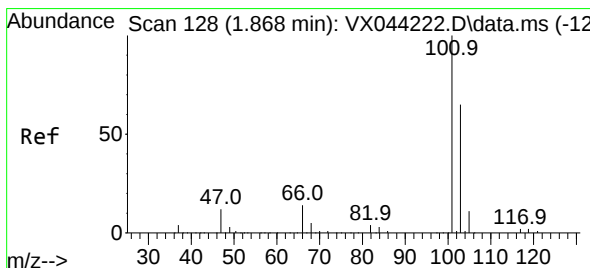
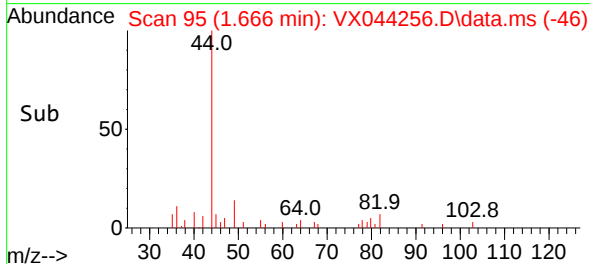
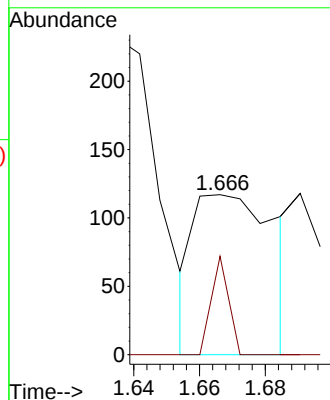
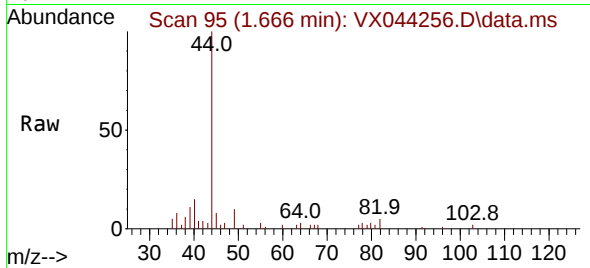




#6
Chloroethane
Concen: 0.189 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

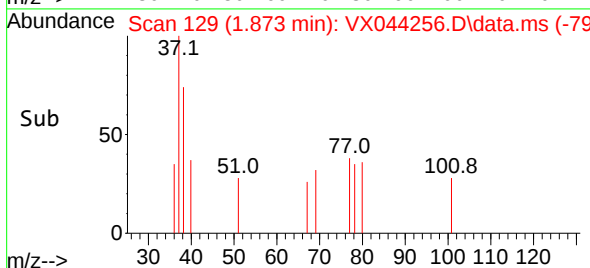
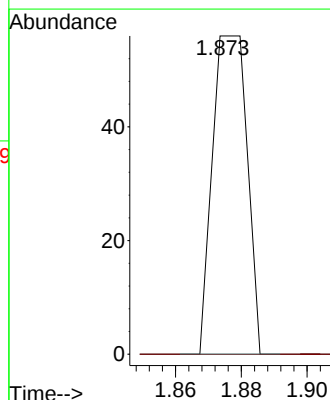
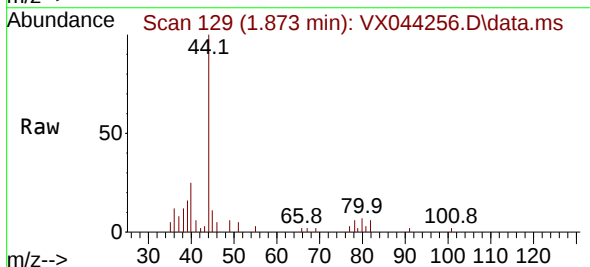
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

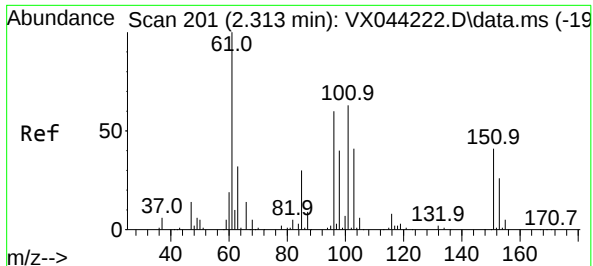
Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 128.6 26.6 39.8#



#7
Trichlorofluoromethane
Concen: 0.012 ug/l
RT: 1.873 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion:101 Resp: 41
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.8#

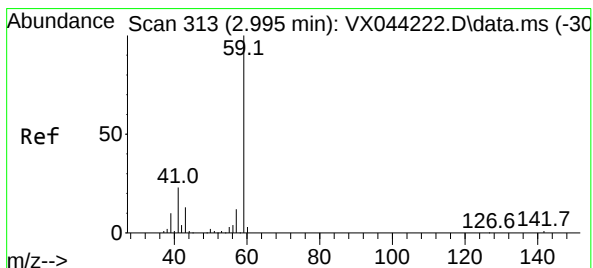
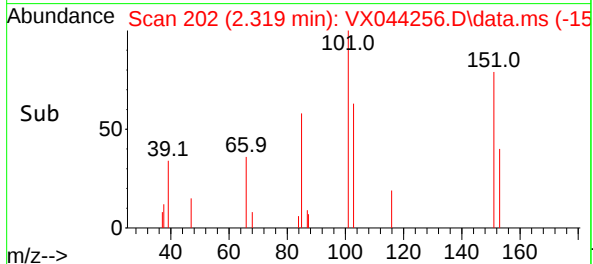
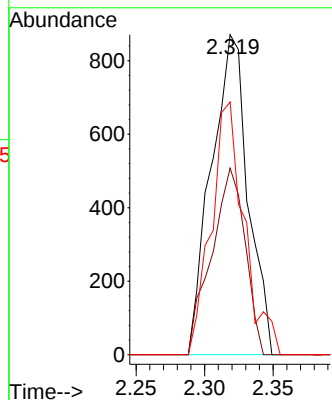
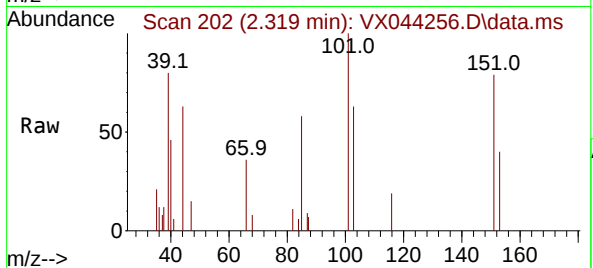




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.210 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

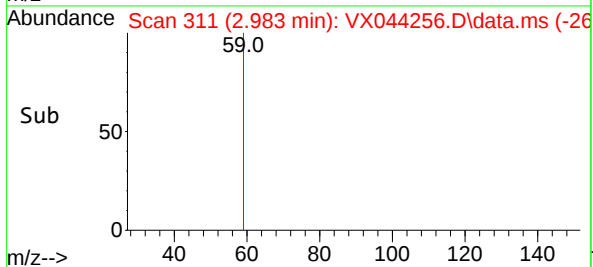
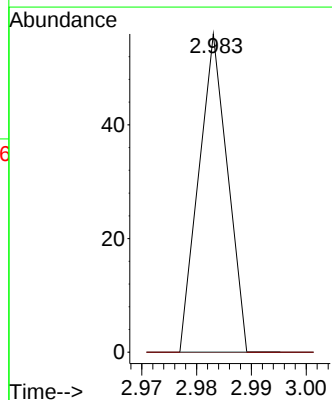
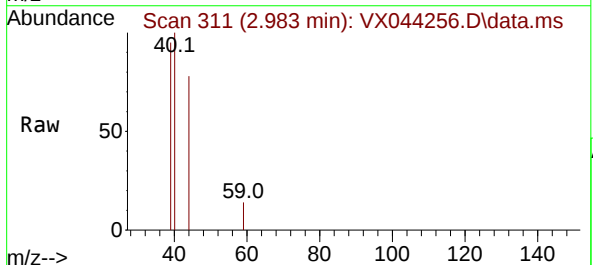
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ClientSampleId :
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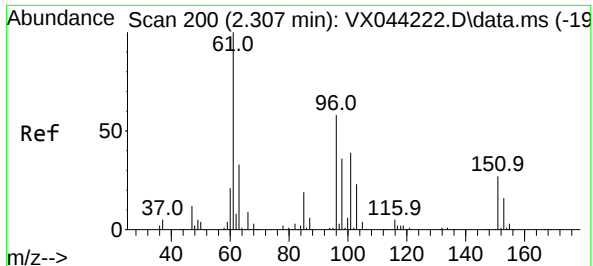
Tgt Ion:101 Resp: 1625
Ion Ratio Lower Upper
101 100
85 53.4 38.5 57.7
151 71.0 55.8 83.6



#11
Tert butyl alcohol
Concen: 0.074 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 0.058 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209

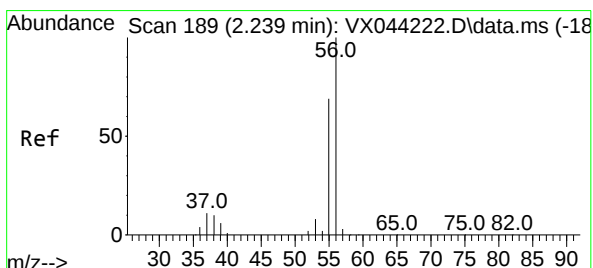
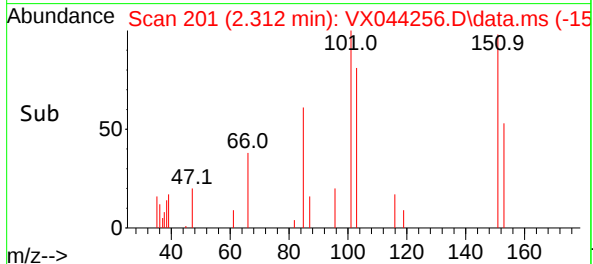
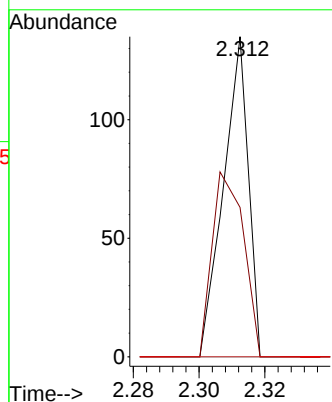
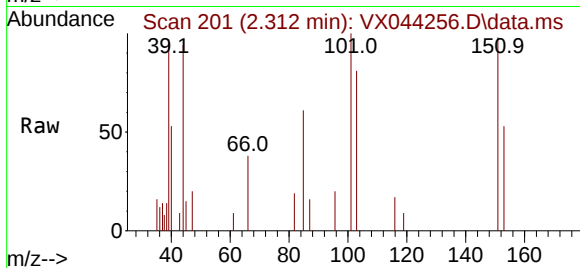
Tgt Ion: 96 Resp: 71

Ion Ratio Lower Upper

96 100

61 46.7 138.0 207.0#

98 0.0 50.0 75.0#



#13

Acrolein

Concen: 0.239 ug/l

RT: 2.148 min Scan# 174

Delta R.T. -0.092 min

Lab File: VX044256.D

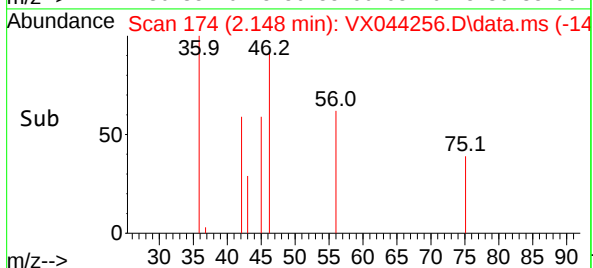
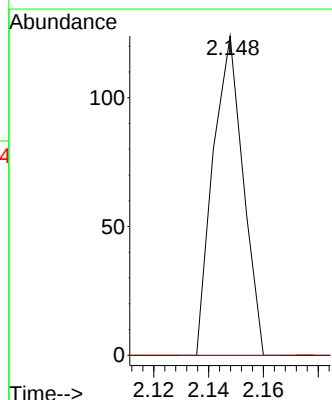
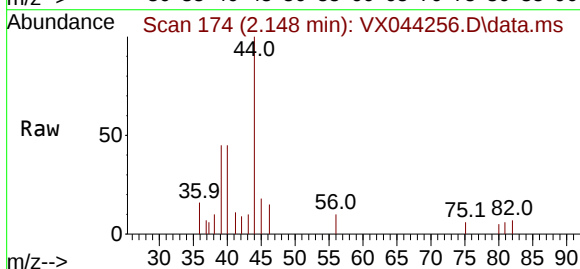
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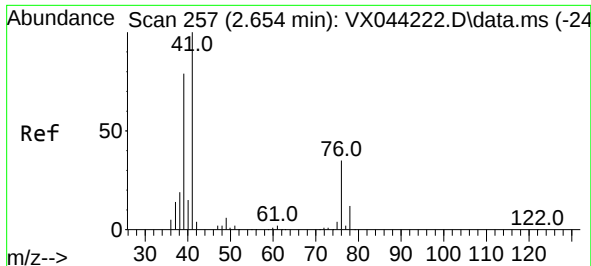
Tgt Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

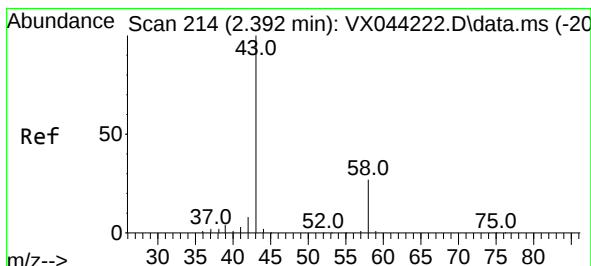
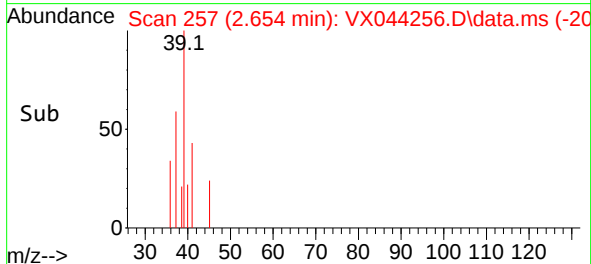
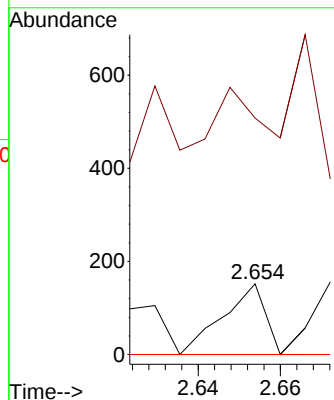
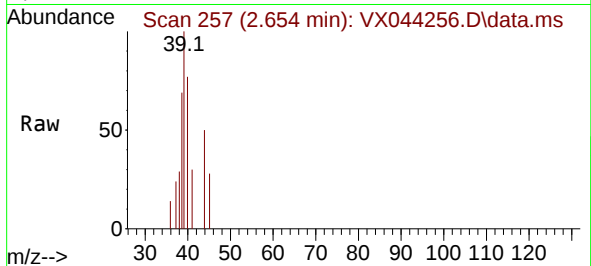




#14
 Allyl chloride
 Concen: 0.053 ug/l
 RT: 2.654 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX044256.D
 Acq: 12 Dec 2024 16:42

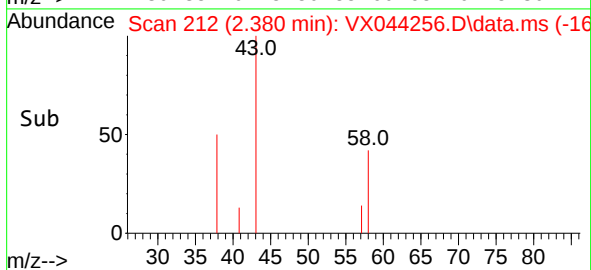
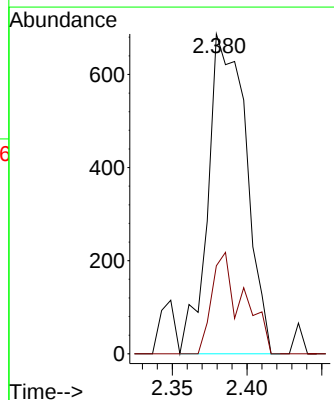
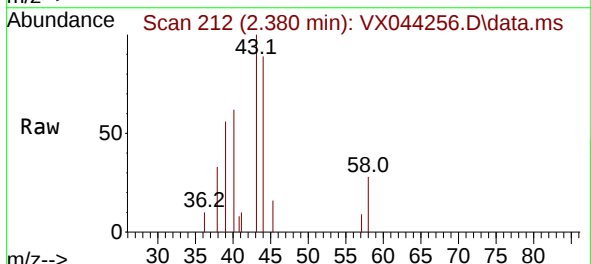
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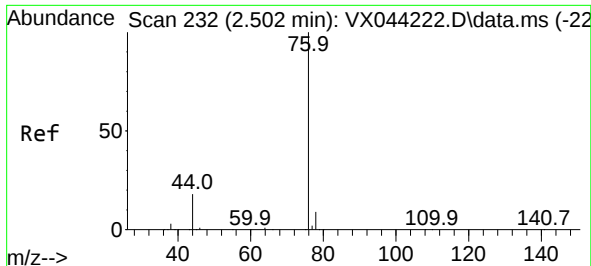
Tgt Ion:	41	Resp:	109
Ion	Ratio	Lower	Upper
41	100		
39	109.2	61.9	92.9#
76	0.0	27.4	41.2#



#16
 Acetone
 Concen: 1.542 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.012 min
 Lab File: VX044256.D
 Acq: 12 Dec 2024 16:42

Tgt Ion:	43	Resp:	1213
Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.6	32.4

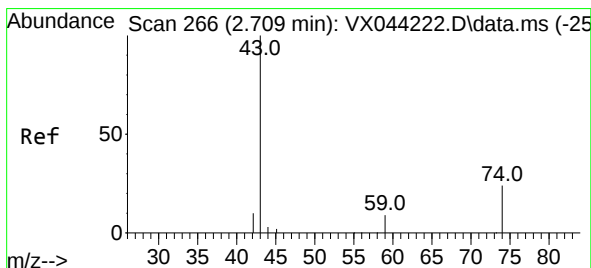
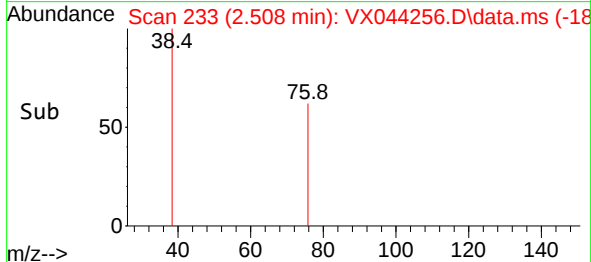
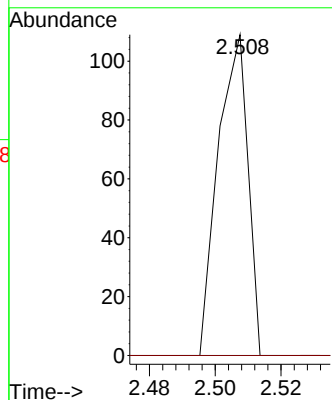
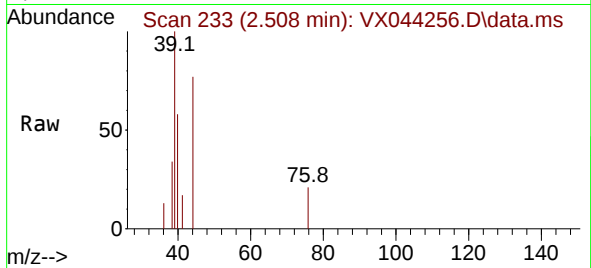




#17
Carbon Disulfide
Concen: 0.029 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

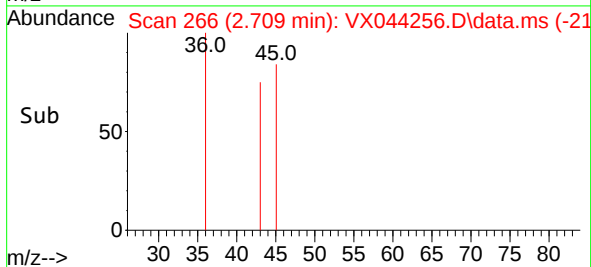
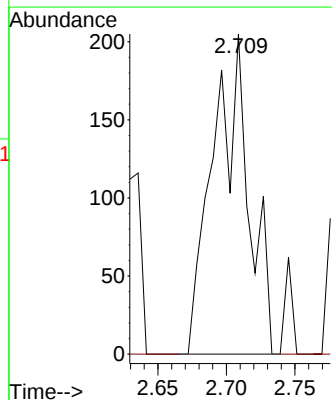
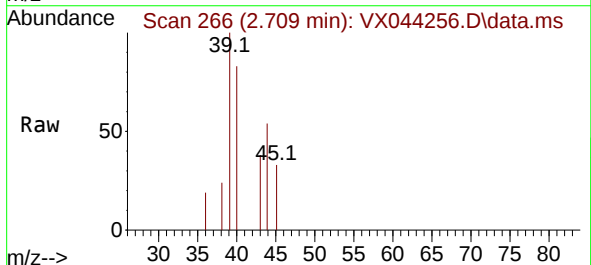
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

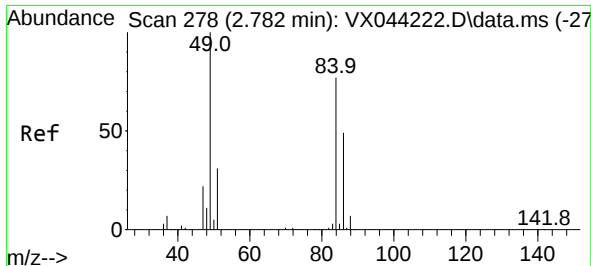
Tgt Ion: 76 Resp: 68
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.184 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

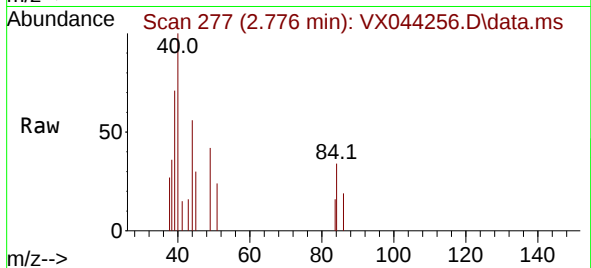
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



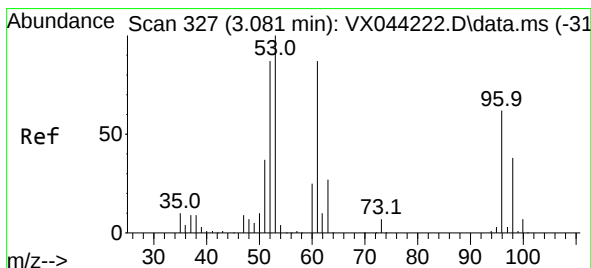
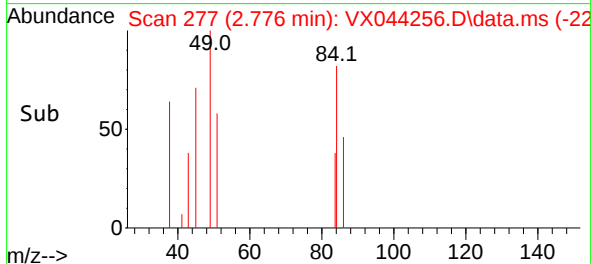
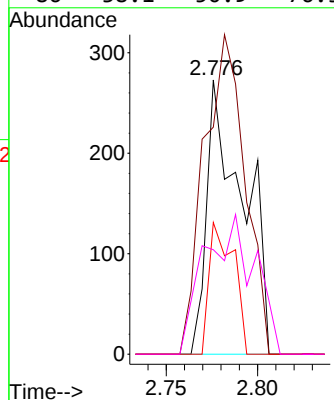


#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

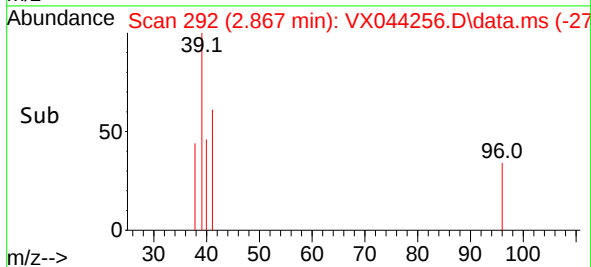
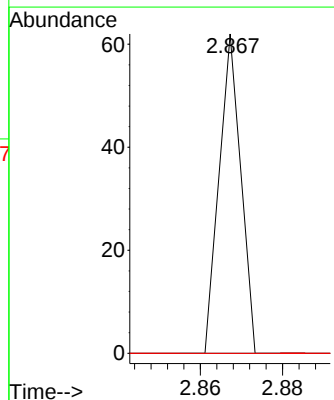
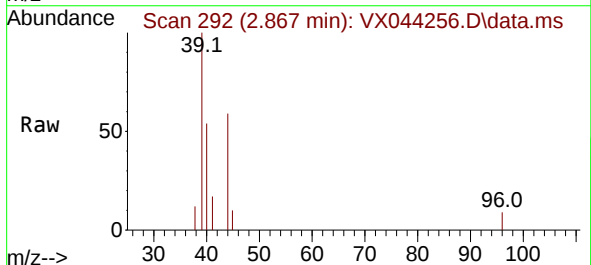


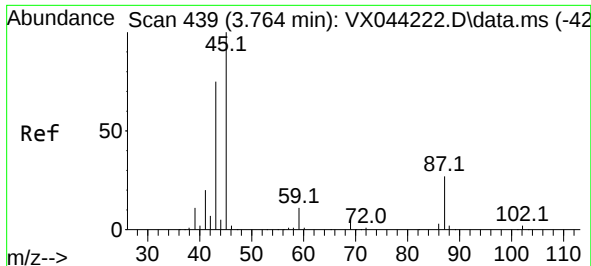
Tgt Ion: 84 Resp: 372
Ion Ratio Lower Upper
84 100
49 82.8 104.2 156.4#
51 48.0 32.2 48.4
86 38.1 50.9 76.3#



#21
trans-1,2-Dichloroethene
Concen: 0.018 ug/l
RT: 2.867 min Scan# 292
Delta R.T. -0.214 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 96 Resp: 23
Ion Ratio Lower Upper
96 100
61 0.0 112.0 168.0#
98 0.0 48.8 73.2#

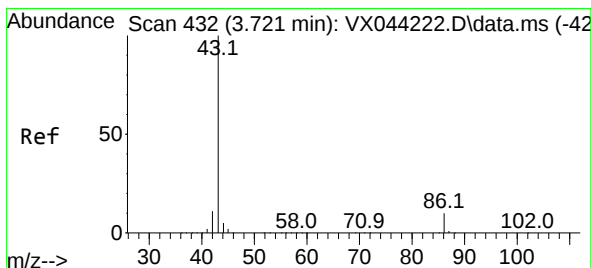
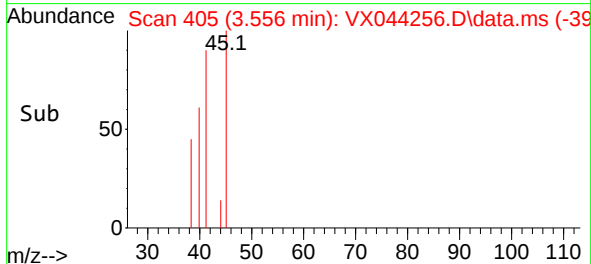
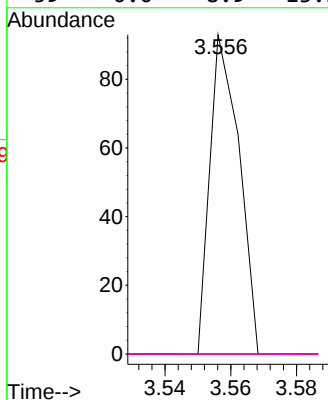
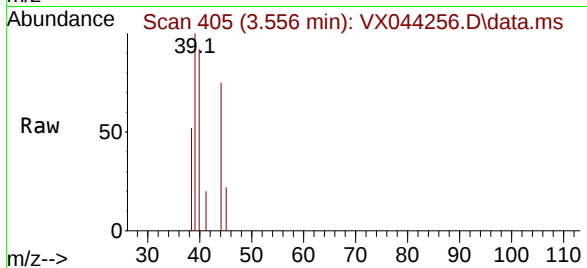




#22
Diisopropyl ether
Concen: 0.012 ug/l
RT: 3.556 min Scan# 405
Delta R.T. -0.207 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

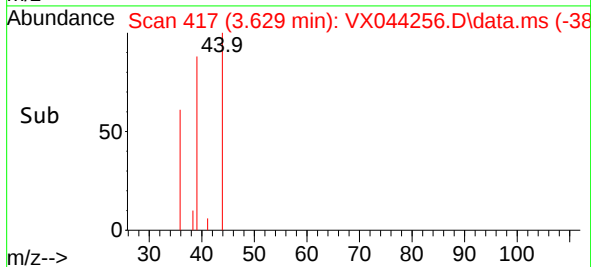
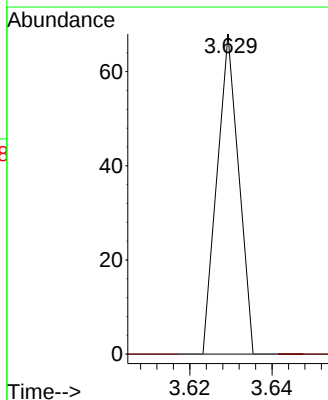
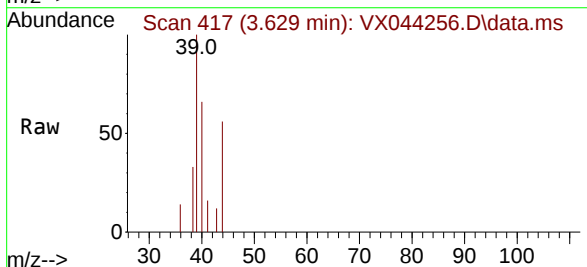
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

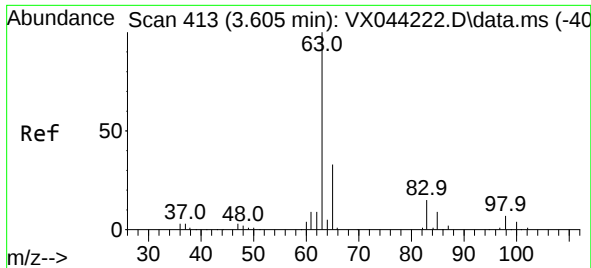
Tgt Ion:	45	Resp:	57
Ion	Ratio	Lower	Upper
45	100		
43	0.0	60.2	90.2#
87	0.0	21.2	31.8#
59	0.0	8.9	13.3#



#23
Vinyl Acetate
Concen: 0.007 ug/l
RT: 3.629 min Scan# 417
Delta R.T. -0.092 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion:	43	Resp:	25
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#

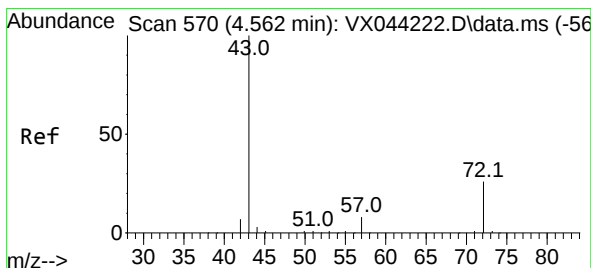
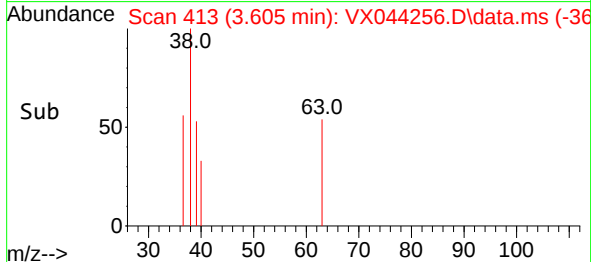
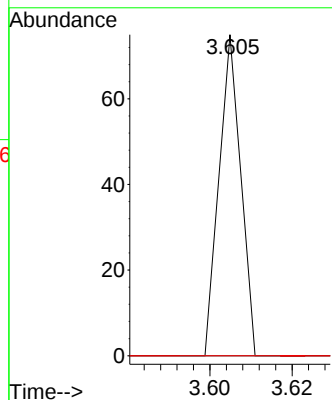
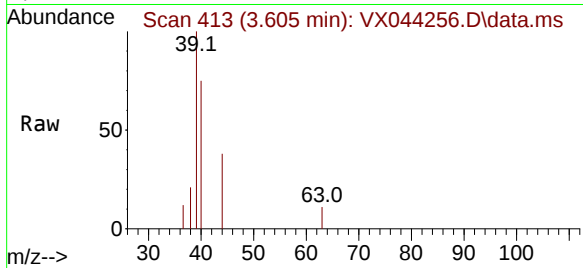




#24
1,1-Dichloroethane
Concen: 0.010 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

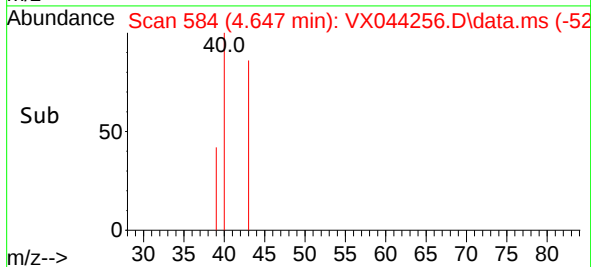
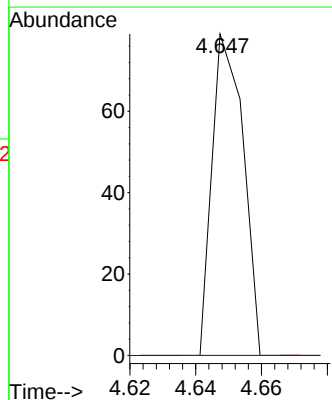
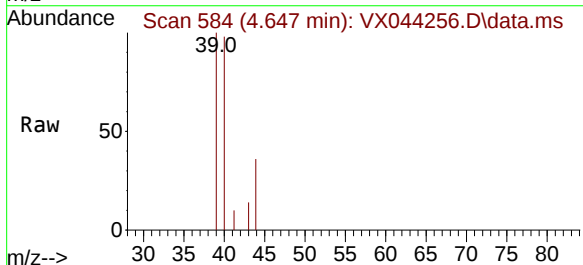
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

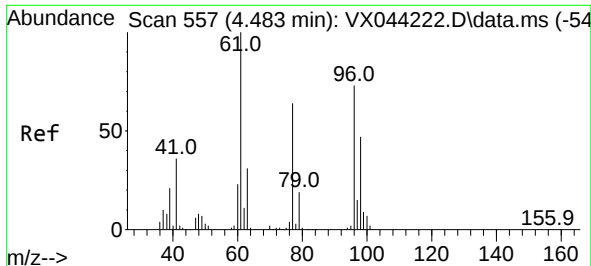
Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.1 6.3#



#25
2-Butanone
Concen: 0.047 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.085 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#





#27

cis-1,2-Dichloroethene

Concen: 0.076 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209

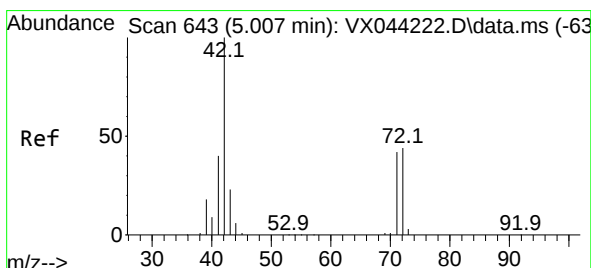
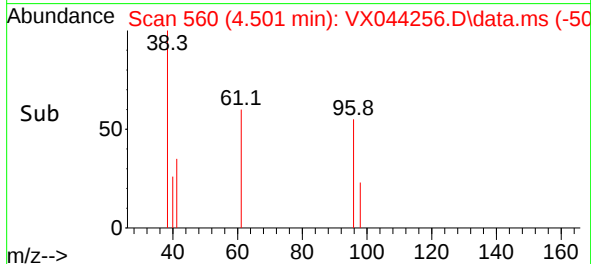
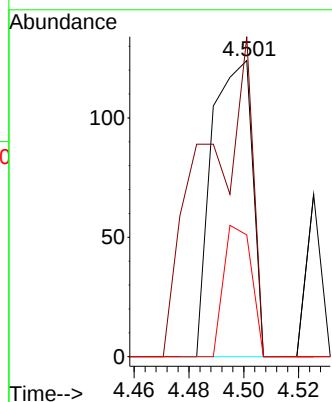
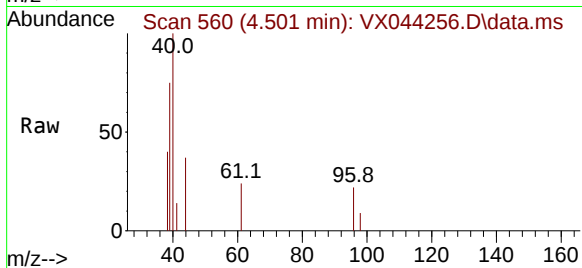
Tgt Ion: 96 Resp: 127

Ion Ratio Lower Upper

96 100

61 126.8 0.0 299.0

98 30.7 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.085 ug/l

RT: 5.196 min Scan# 674

Delta R.T. 0.189 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

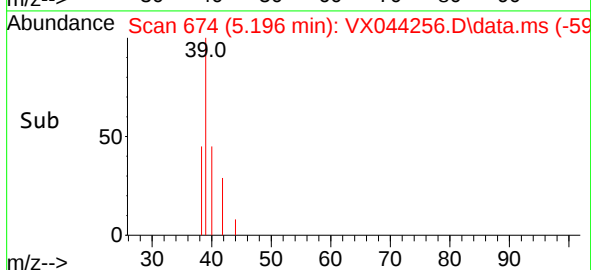
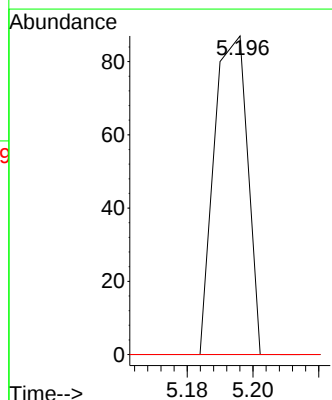
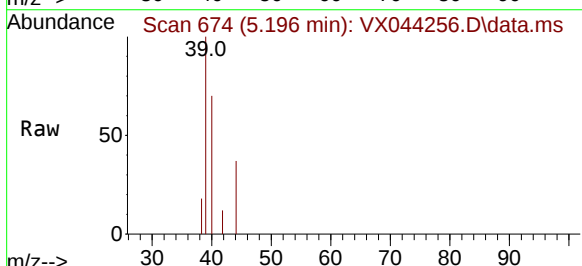
Tgt Ion: 42 Resp: 61

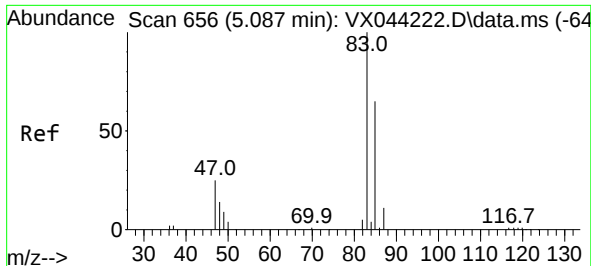
Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 33.6 50.4#





#30

Chloroform

Concen: 0.061 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

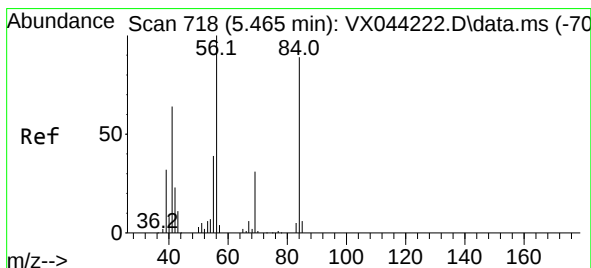
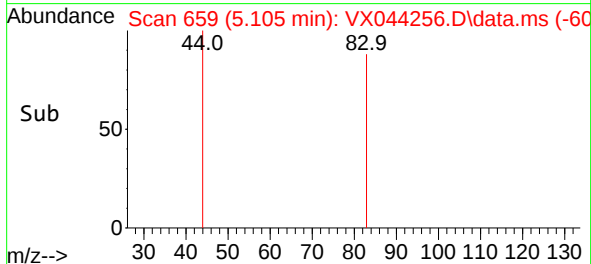
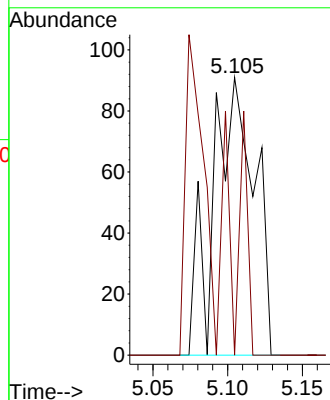
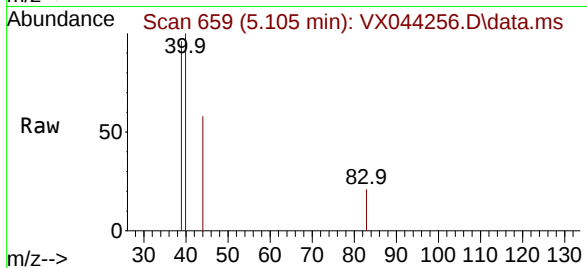
RE103D3-20241209

Tgt Ion: 83 Resp: 176

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#



#31

Cyclohexane

Concen: 1.527 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

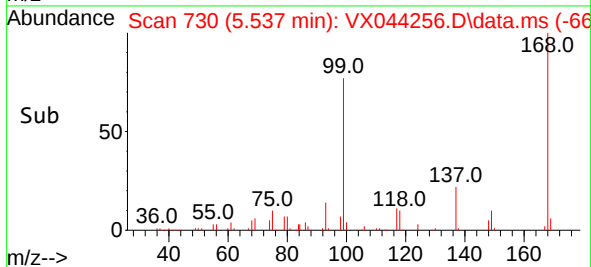
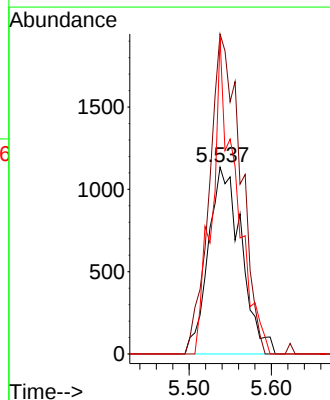
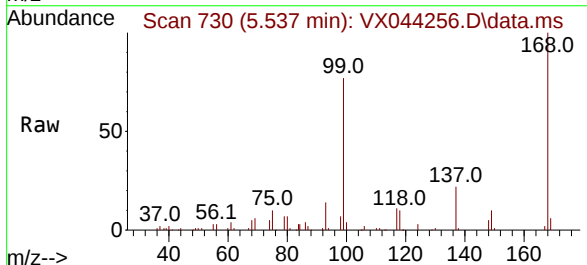
Tgt Ion: 56 Resp: 3179

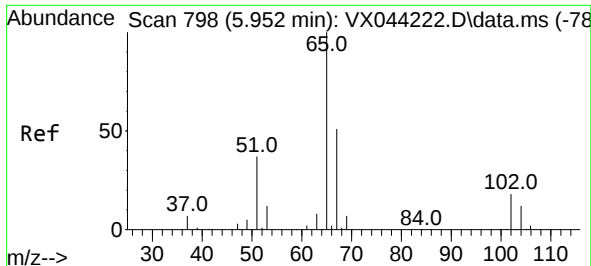
Ion Ratio Lower Upper

56 100

69 171.4 24.7 37.1#

84 169.6 71.0 106.6#

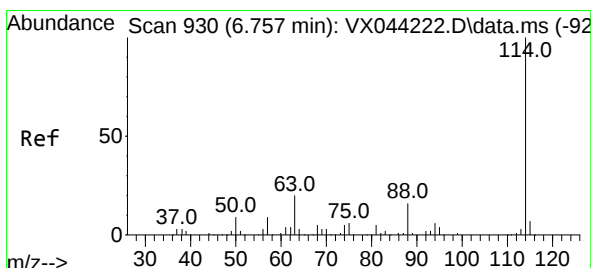
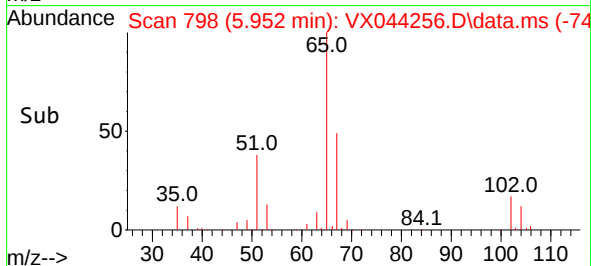
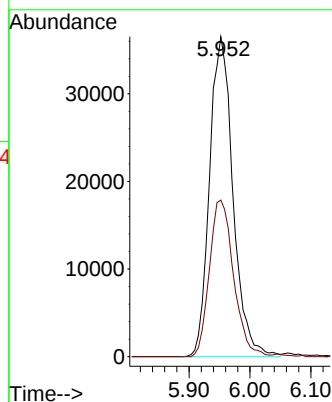
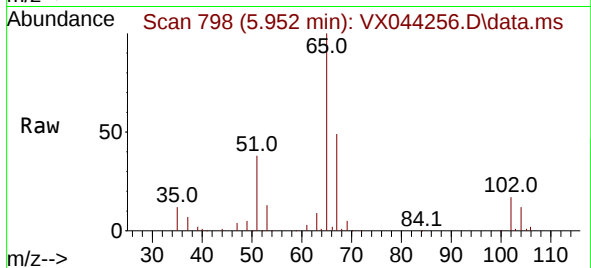




#33
1,2-Dichloroethane-d4
Concen: 50.638 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

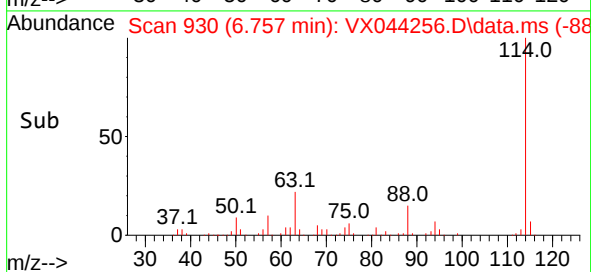
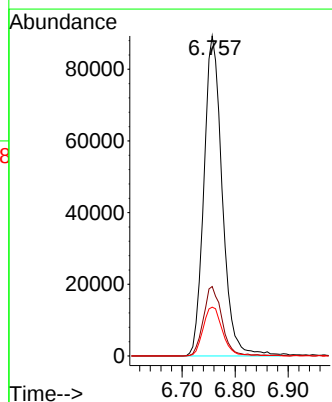
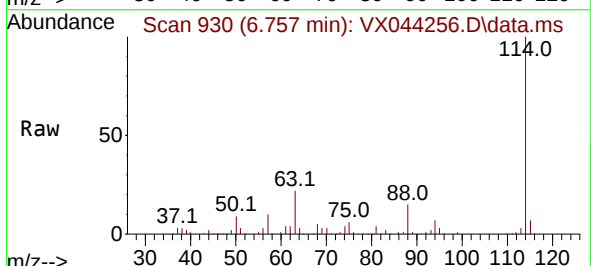
Instrument : MSVOA_X
ClientSampleId : RE103D3-20241209

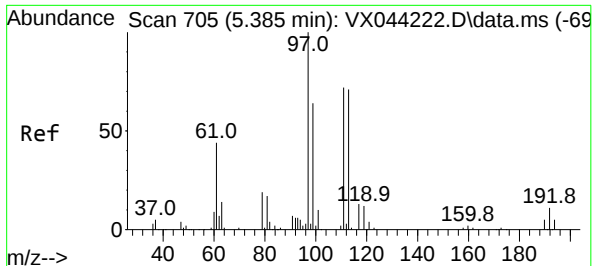
Tgt Ion: 65 Resp: 97683
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 114 Resp: 214519
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.6
88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.818 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX044256.D

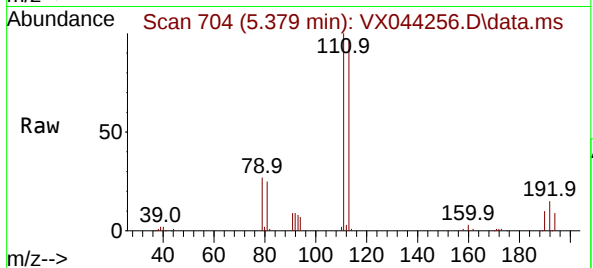
Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209



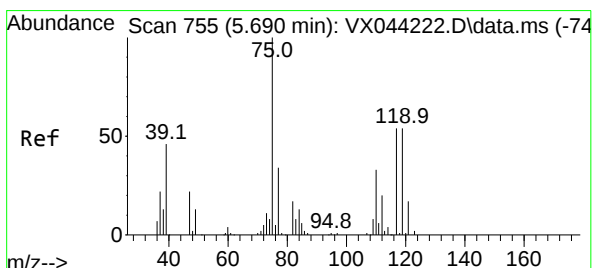
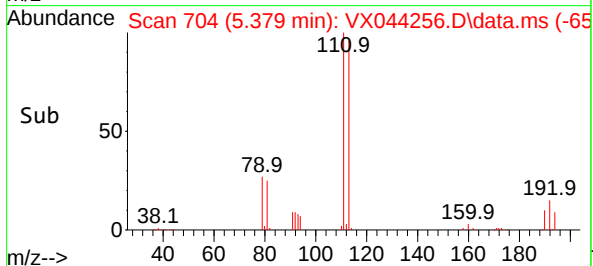
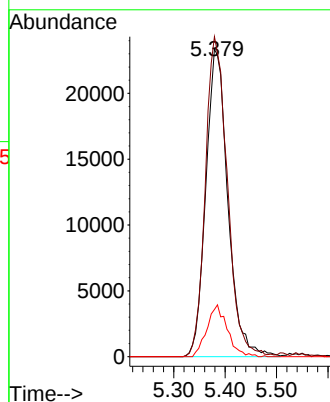
Tgt Ion:113 Resp: 69559

Ion Ratio Lower Upper

113 100

111 103.8 80.4 120.6

192 15.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.580 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.147 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

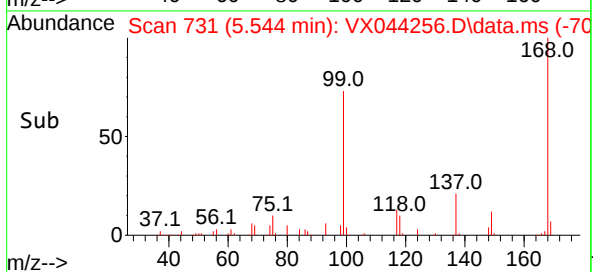
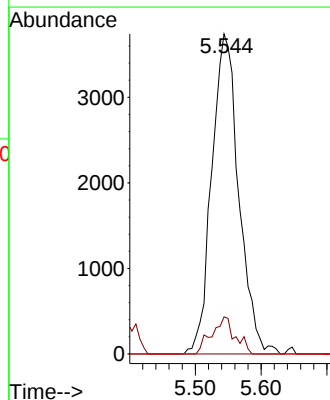
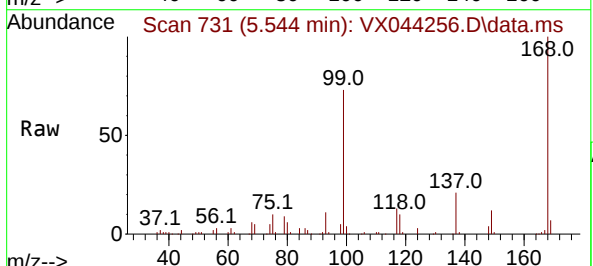
Tgt Ion: 75 Resp: 10716

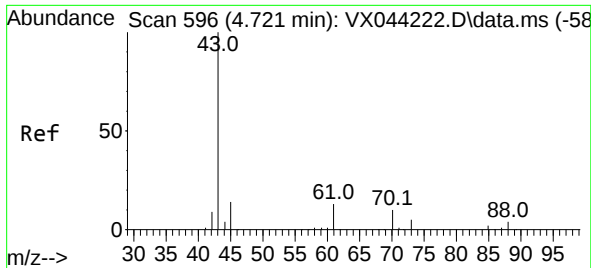
Ion Ratio Lower Upper

75 100

110 10.0 17.3 51.7#

77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 0.022 ug/l

RT: 4.647 min Scan# 51

Delta R.T. -0.073 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

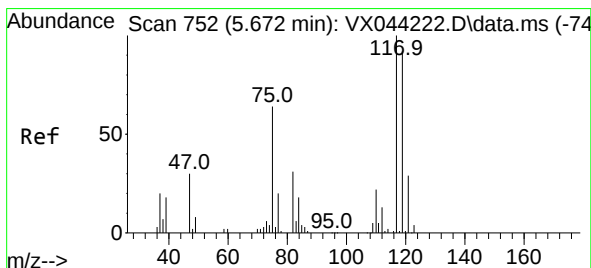
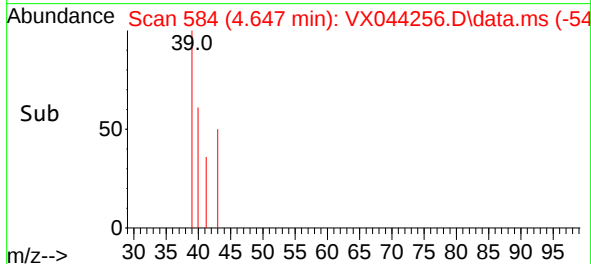
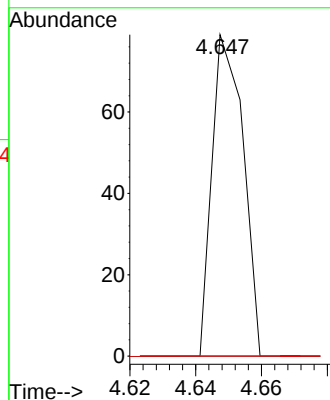
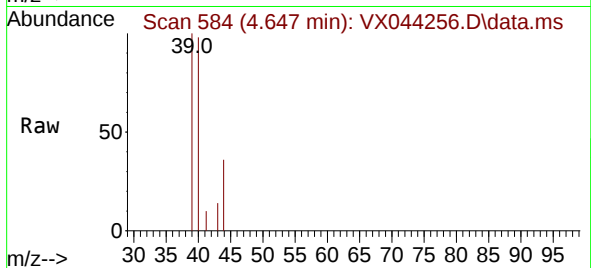
Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209

Tgt Ion: 43	Resp: 52
Ion Ratio	Lower Upper
43 100	
61 0.0	9.8 14.8#
70 0.0	7.7 11.5#



#38

Carbon Tetrachloride

Concen: 6.407 ug/l

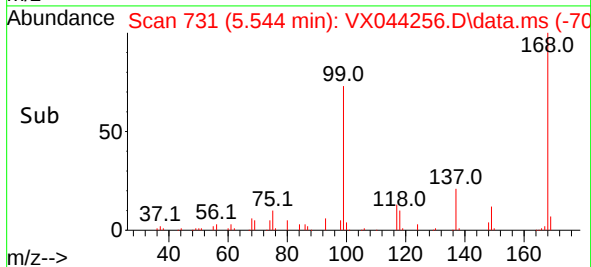
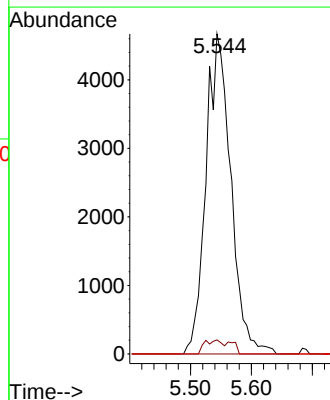
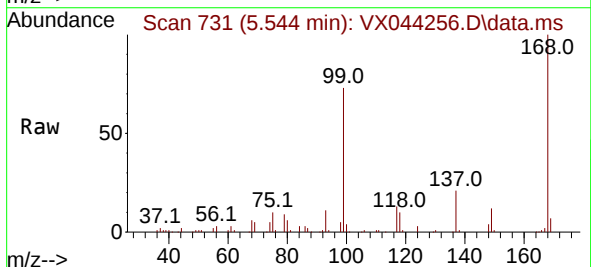
RT: 5.544 min Scan# 731

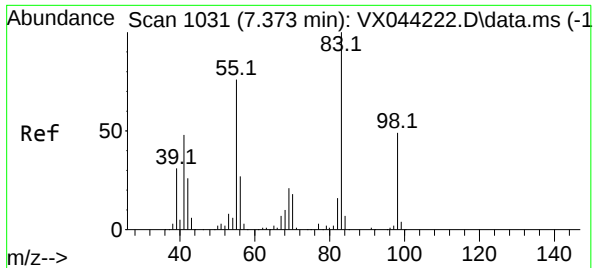
Delta R.T. -0.128 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

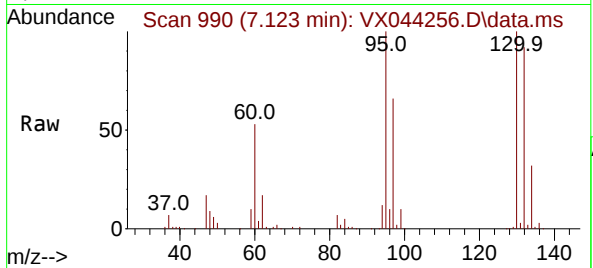
Tgt Ion: 117	Resp: 13248
Ion Ratio	Lower Upper
117 100	
119 4.4	74.2 111.4#
121 0.0	23.0 34.6#



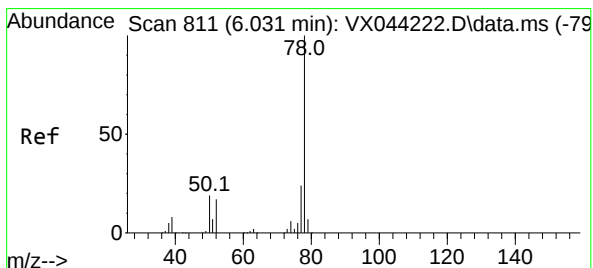
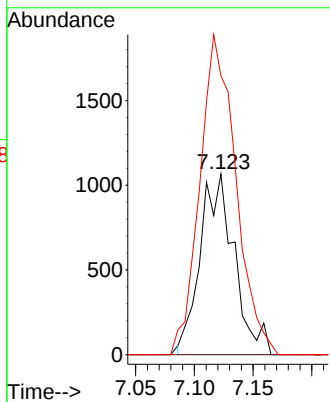
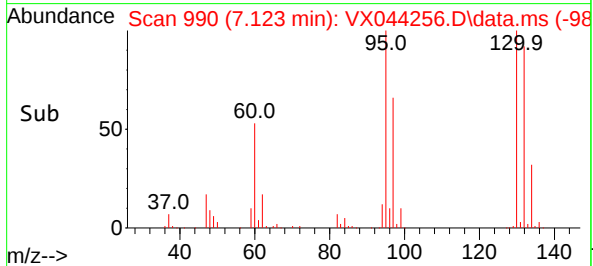


#39
Methylcyclohexane
Concen: 0.933 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.250 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

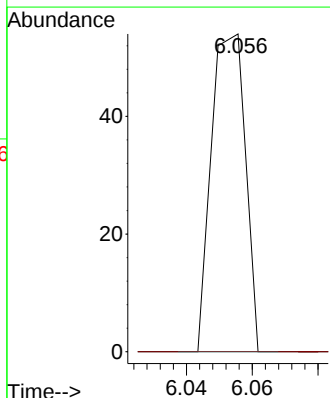
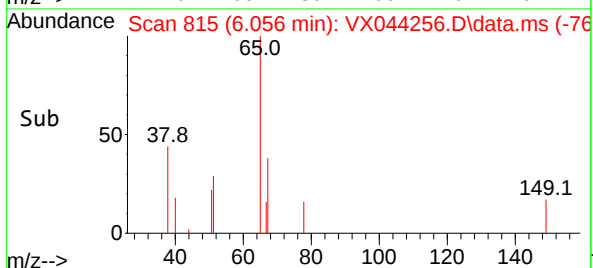
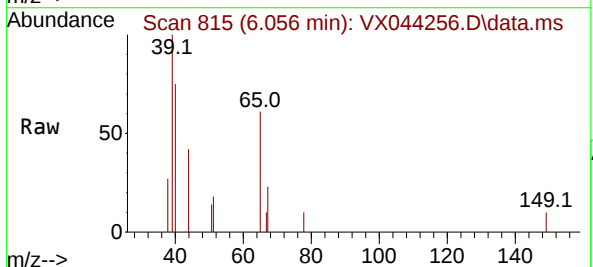


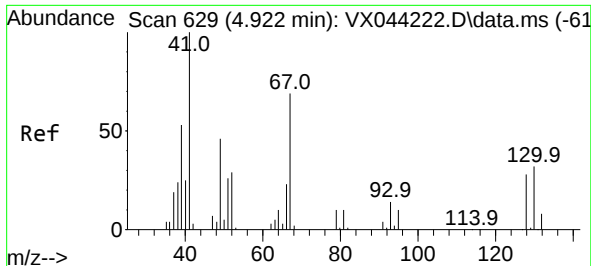
Tgt Ion: 83 Resp: 2141
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 154.4 38.9 58.3#



#40
Benzene
Concen: 0.007 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.024 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

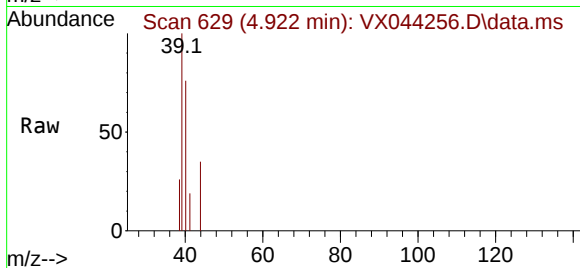
Tgt Ion: 78 Resp: 39
Ion Ratio Lower Upper
78 100
77 0.0 19.3 28.9#



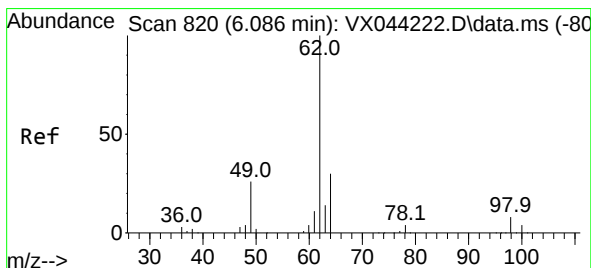
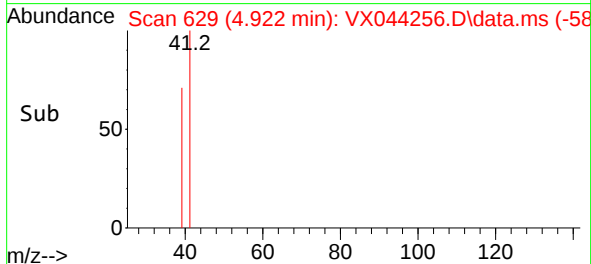
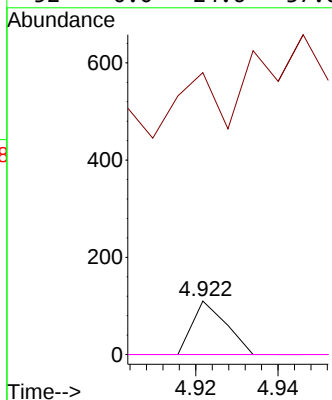


#41
Methacrylonitrile
Concen: 0.049 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

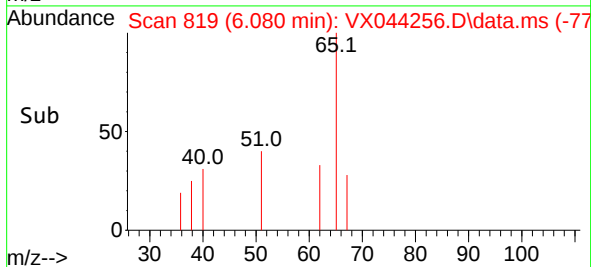
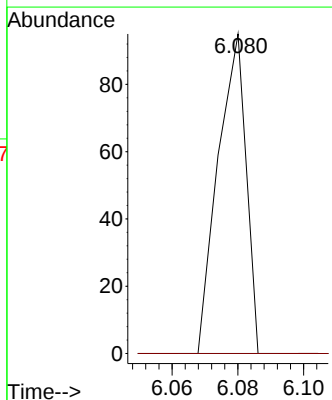
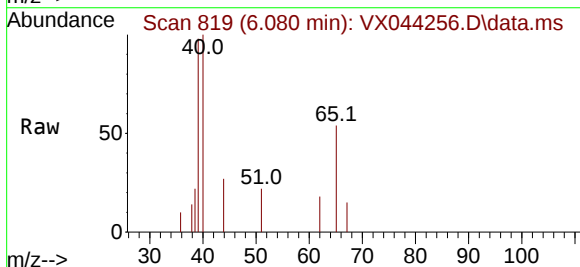


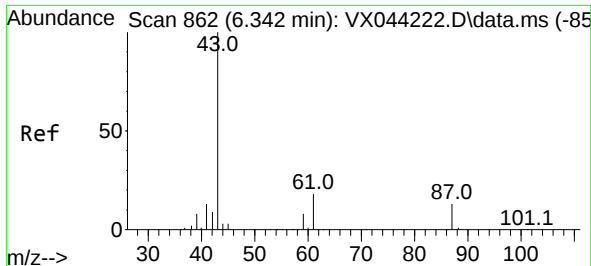
Tgt Ion:	41	Resp:	62
Ion	Ratio	Lower	Upper
41	100		
39	209.7	44.2	66.4#
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 0.023 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion:	62	Resp:	56
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 0.005 ug/l

RT: 6.318 min Scan# 81

Delta R.T. -0.025 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209

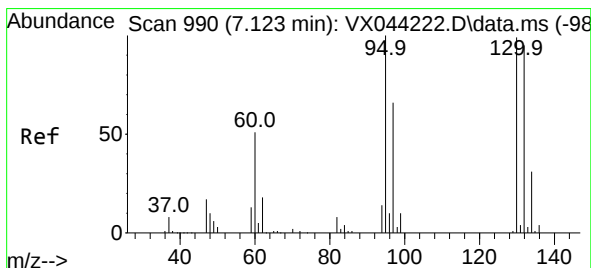
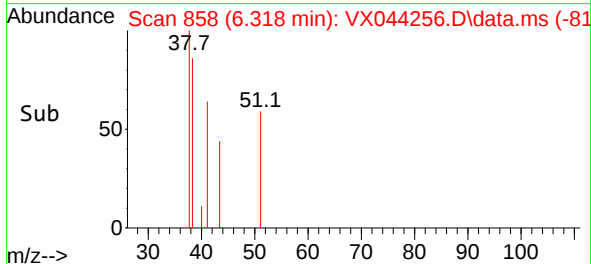
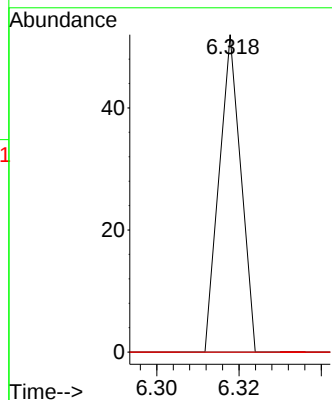
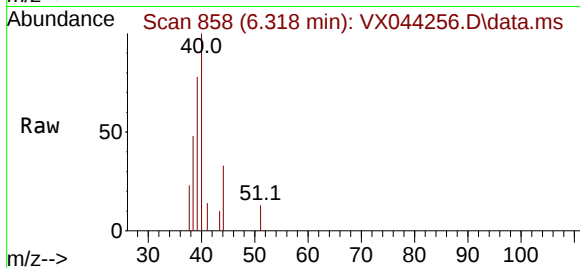
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 10.2 15.2#



#44

Trichloroethene

Concen: 101.758 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044256.D

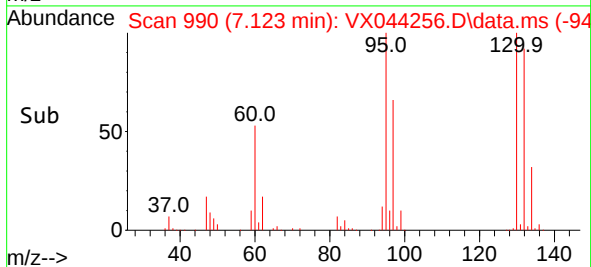
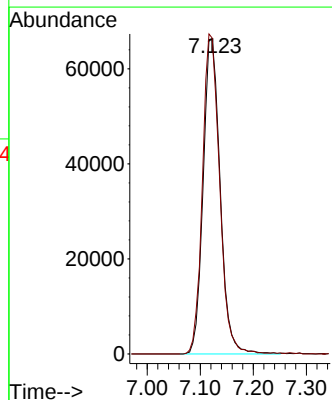
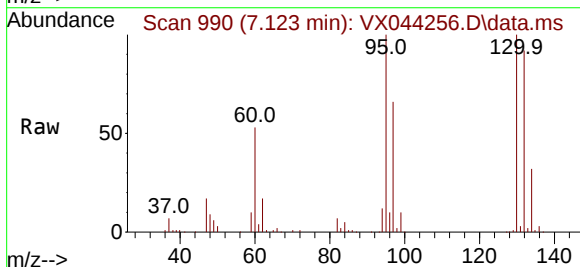
Acq: 12 Dec 2024 16:42

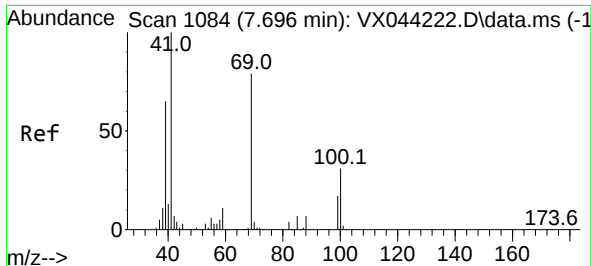
Tgt Ion:130 Resp: 147966

Ion Ratio Lower Upper

130 100

95 100.3 0.0 201.4

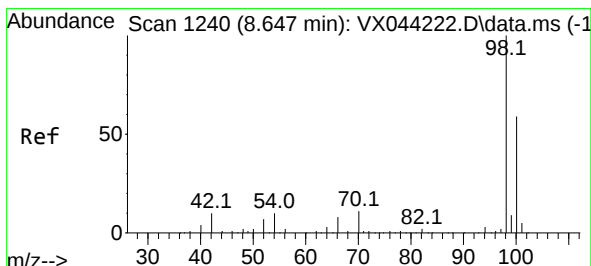
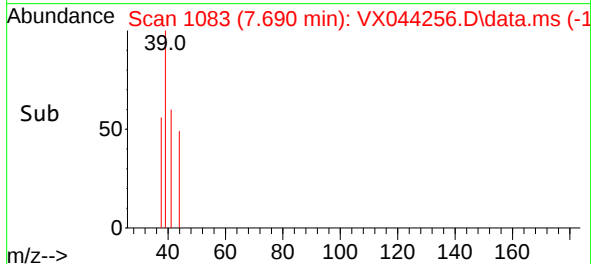
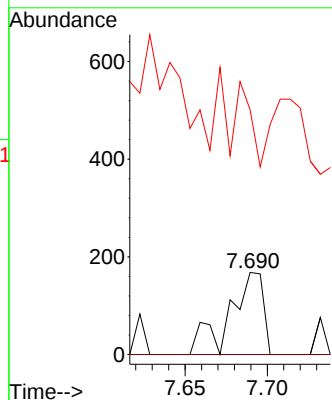
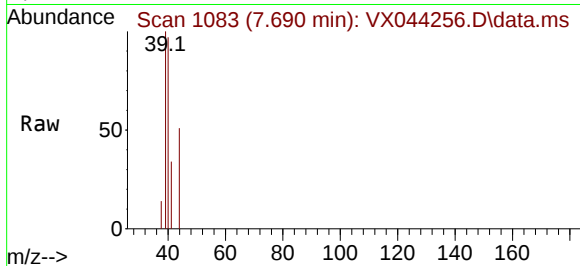




#48
Methyl methacrylate
Concen: 0.135 ug/l
RT: 7.690 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

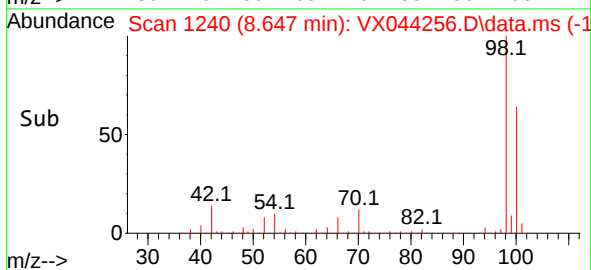
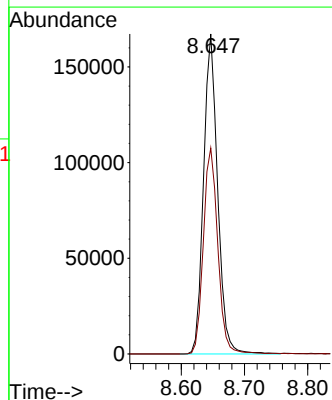
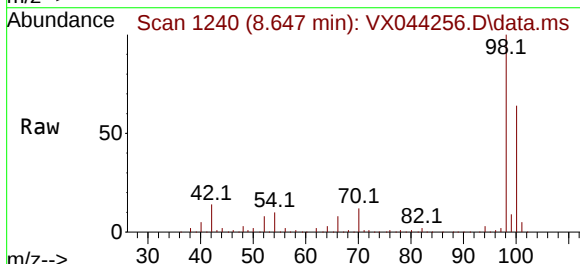
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

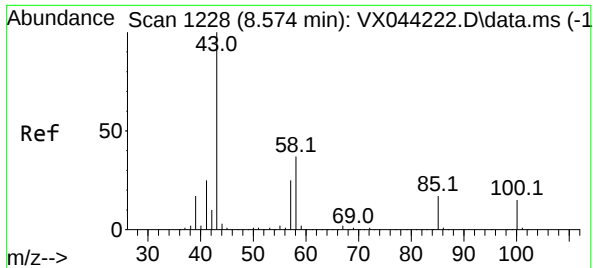
Tgt Ion: 41 Resp: 243
Ion Ratio Lower Upper
41 100
69 0.0 62.4 93.6#
39 86.4 53.3 79.9#



#50
Toluene-d8
Concen: 51.741 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 98 Resp: 259352
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3

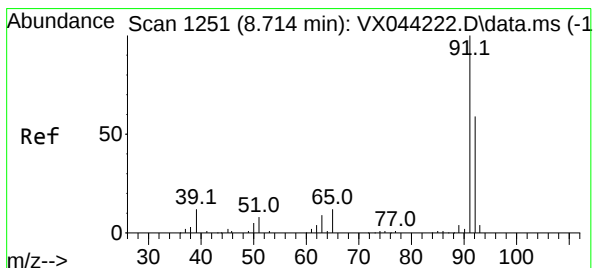
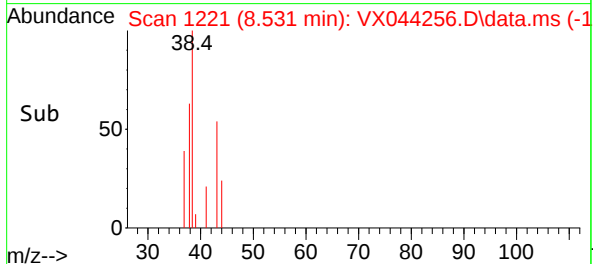
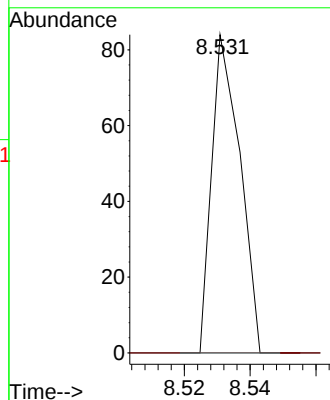
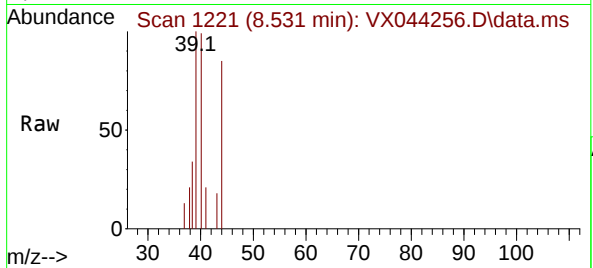




#51
4-Methyl-2-Pentanone
Concen: 0.021 ug/l
RT: 8.531 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

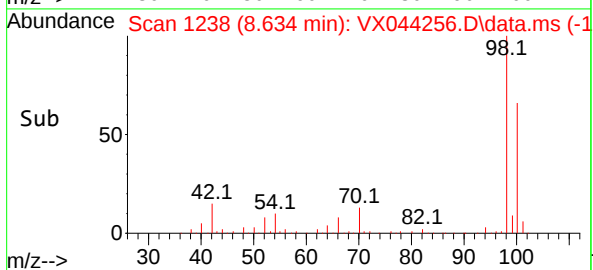
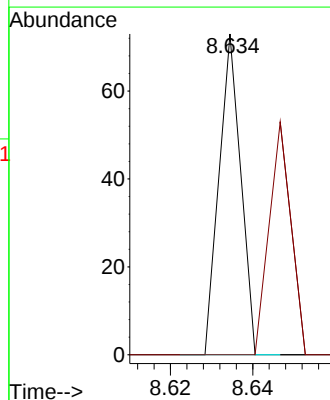
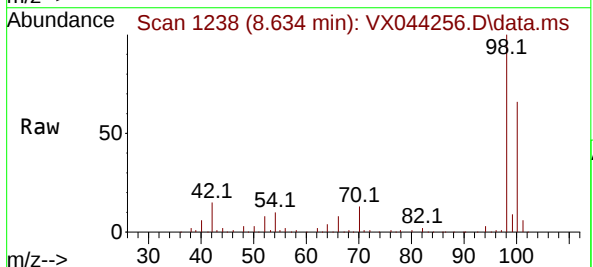
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

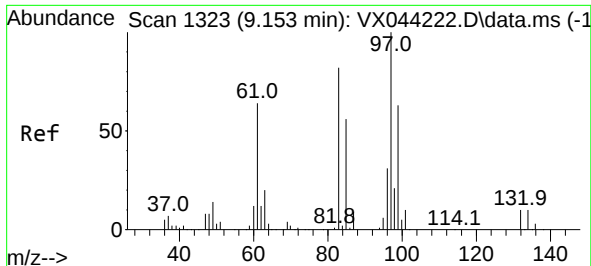
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#



#52
Toluene
Concen: 0.007 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.079 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 92 Resp: 27
Ion Ratio Lower Upper
92 100
91 70.4 137.0 205.6#

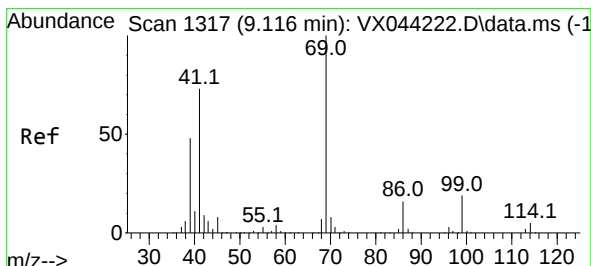
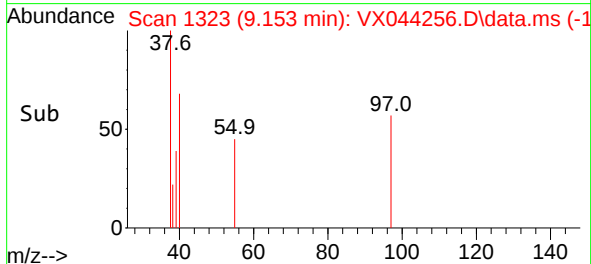
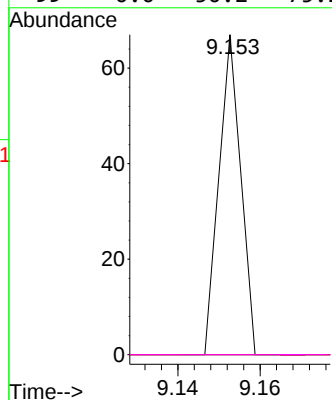
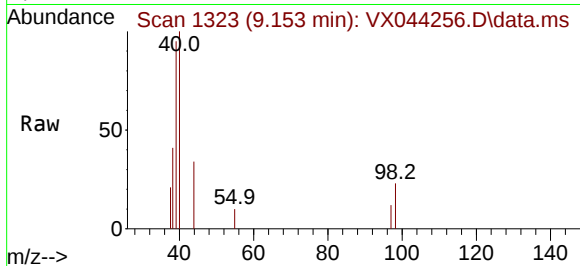




#55
1,1,2-Trichloroethane
Concen: 0.017 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

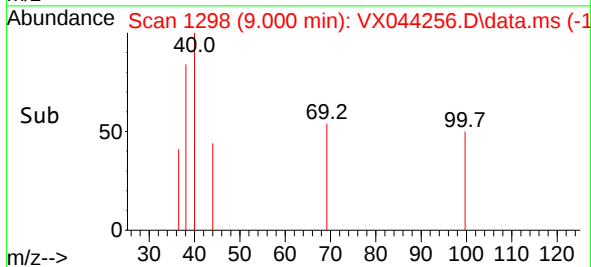
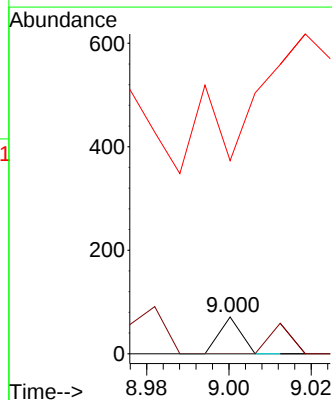
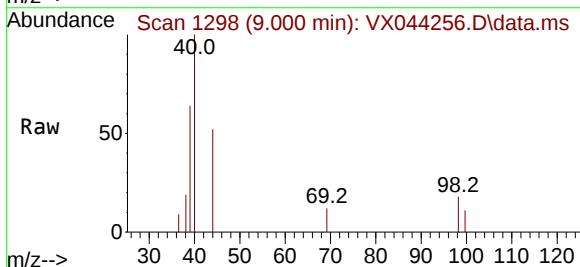
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

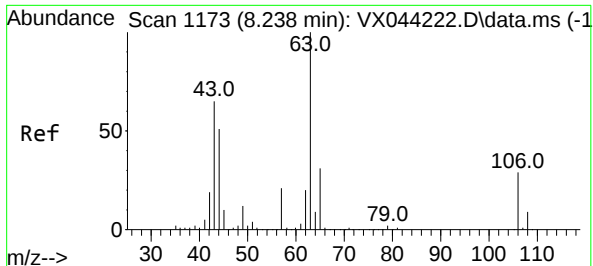
Tgt Ion: 97	Resp: 25
Ion Ratio	Lower Upper
97 100	
83 0.0	65.3 97.9#
85 0.0	44.6 67.0#
99 0.0	50.2 75.2#



#56
Ethyl methacrylate
Concen: 0.011 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. -0.116 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 69	Resp: 26
Ion Ratio	Lower Upper
69 100	
41 84.6	56.6 85.0
39 2700.0	37.4 56.0#

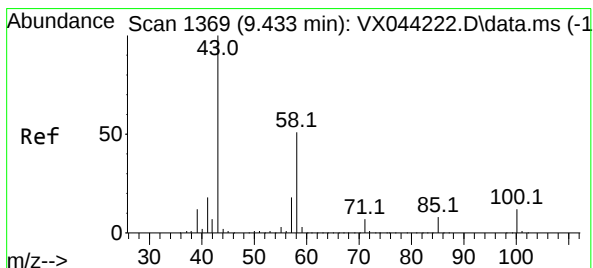
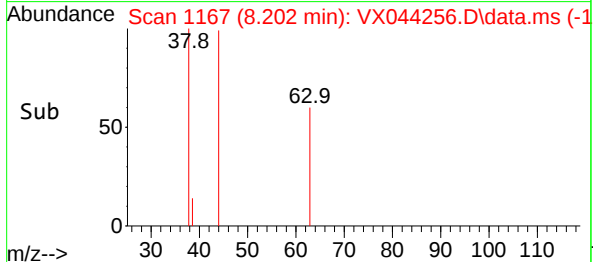
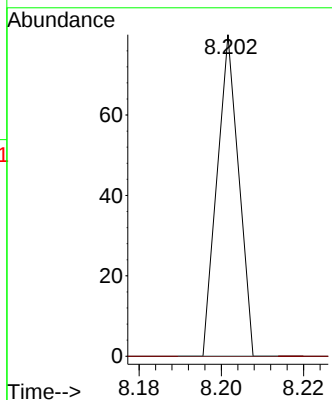
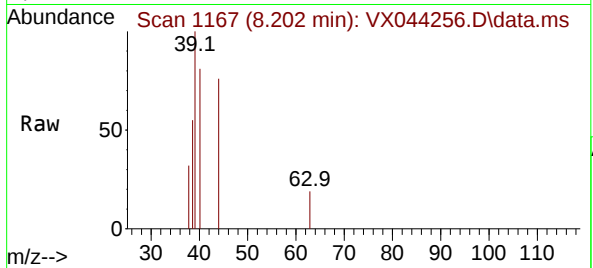




#58
2-Chloroethyl Vinyl ether
Concen: 0.025 ug/l
RT: 8.202 min Scan# 1167
Delta R.T. -0.037 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

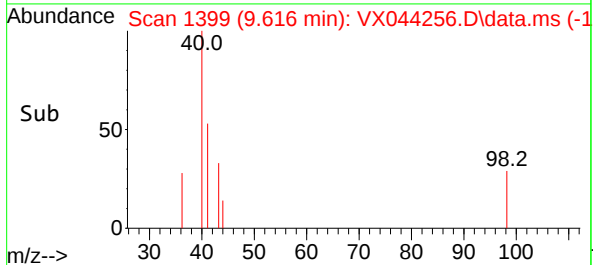
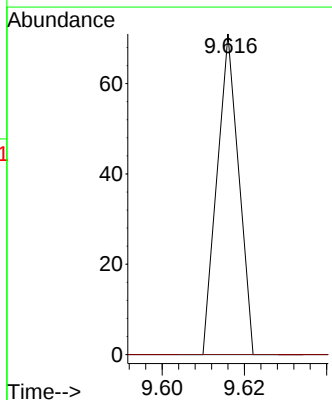
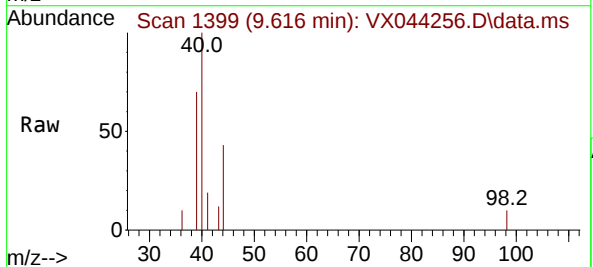
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

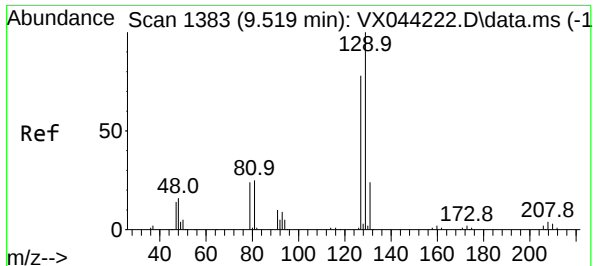
Tgt Ion: 63 Resp: 29
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#



#59
2-Hexanone
Concen: 0.015 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.183 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
58 0.0 25.7 77.0#





#60

Dibromochloromethane

Concen: 1.250 ug/l

RT: 9.336 min Scan# 11

Delta R.T. -0.183 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

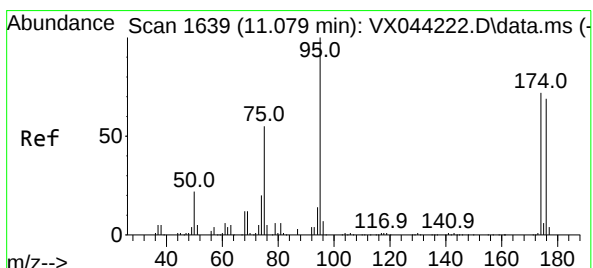
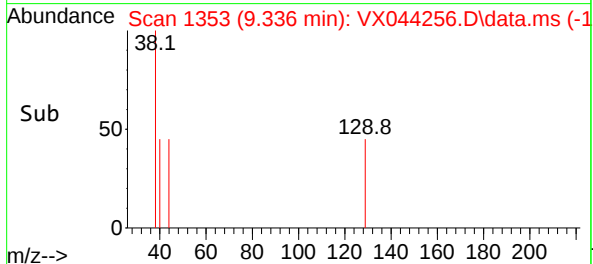
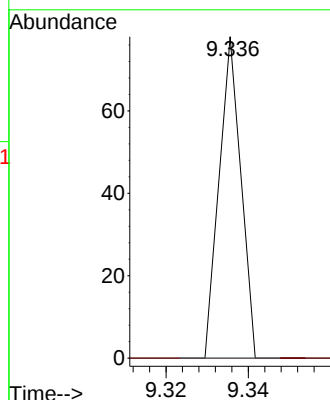
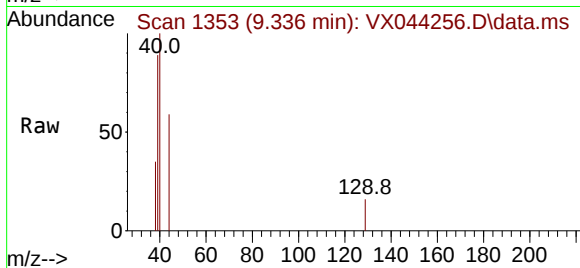
RE103D3-20241209

Tgt Ion:129 Resp: 29

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



#62

4-Bromofluorobenzene

Concen: 51.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

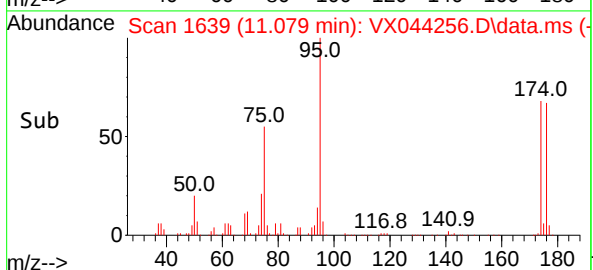
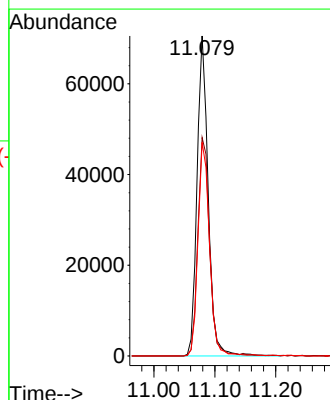
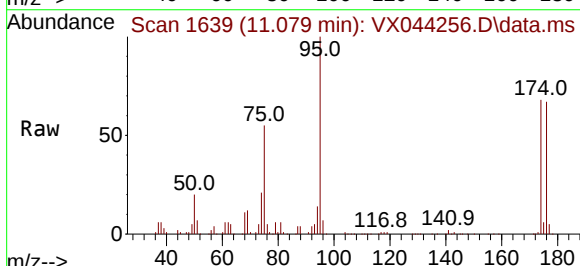
Tgt Ion: 95 Resp: 89420

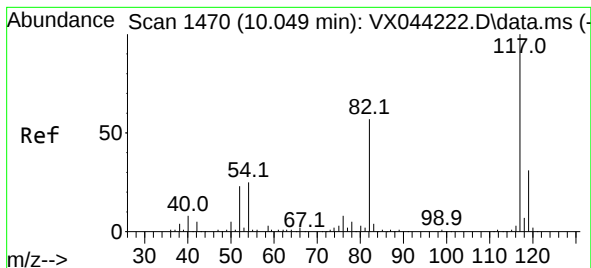
Ion Ratio Lower Upper

95 100

174 71.5 0.0 145.8

176 68.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209

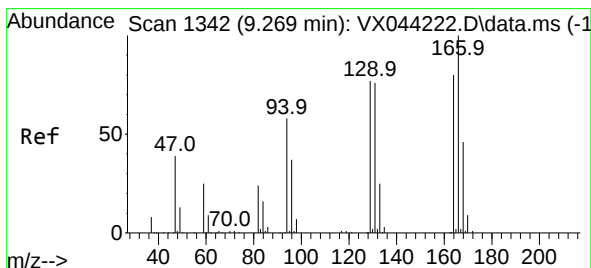
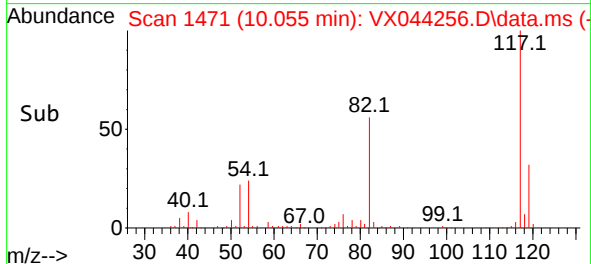
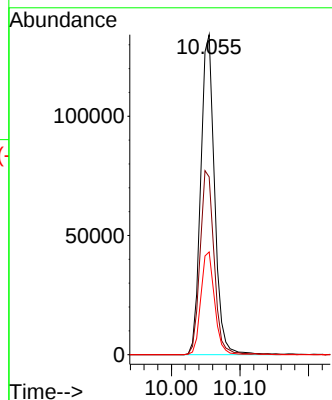
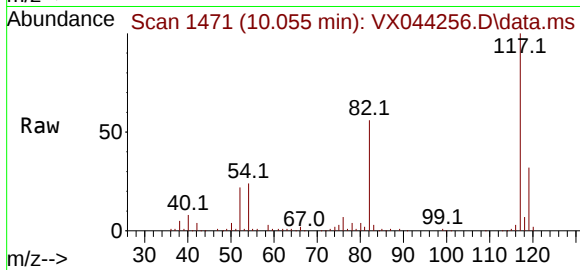
Tgt Ion:117 Resp: 189334

Ion Ratio Lower Upper

117 100

82 55.6 45.8 68.8

119 32.1 25.0 37.4



#64

Tetrachloroethene

Concen: 0.363 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Tgt Ion:164 Resp: 456

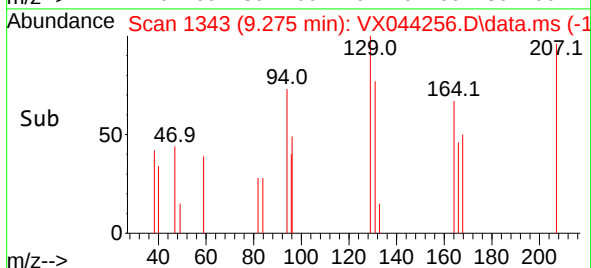
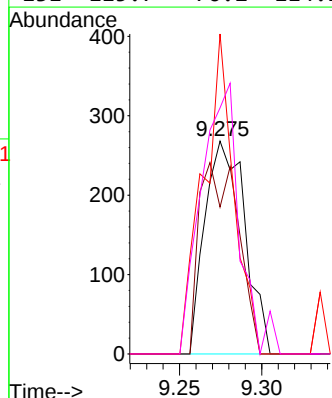
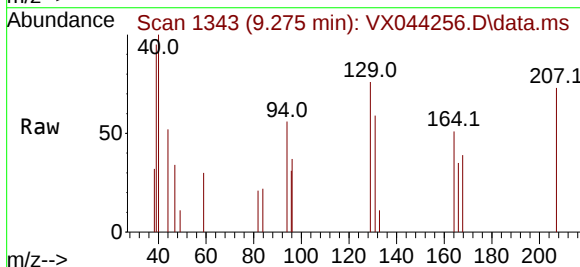
Ion Ratio Lower Upper

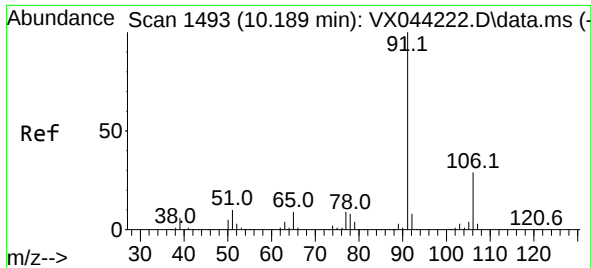
164 100

166 69.0 100.4 150.6#

129 150.4 77.2 115.8#

131 115.7 76.2 114.2#





#67

Ethyl Benzene

Concen: 0.011 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.012 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

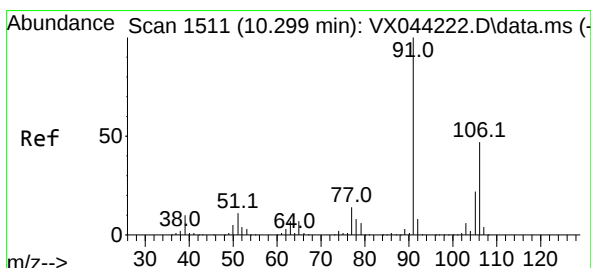
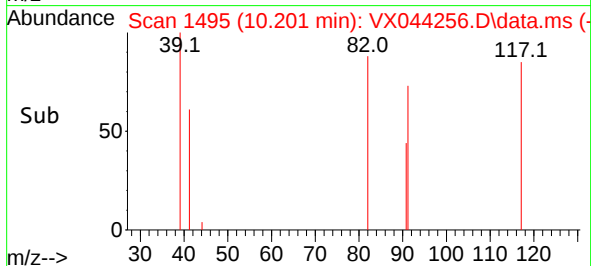
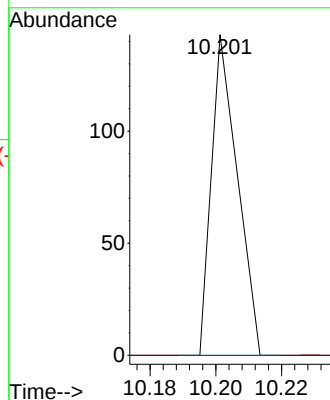
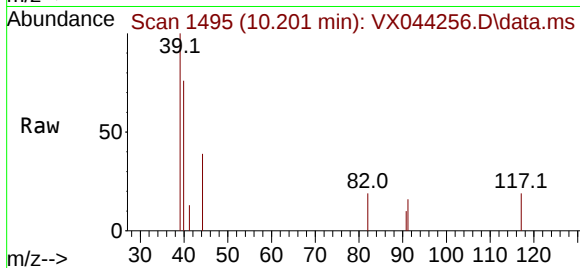
RE103D3-20241209

Tgt Ion: 91 Resp: 78

Ion Ratio Lower Upper

91 100

106 0.0 23.5 35.3#



#68

m/p-Xylenes

Concen: 0.009 ug/l

RT: 10.329 min Scan# 1516

Delta R.T. 0.030 min

Lab File: VX044256.D

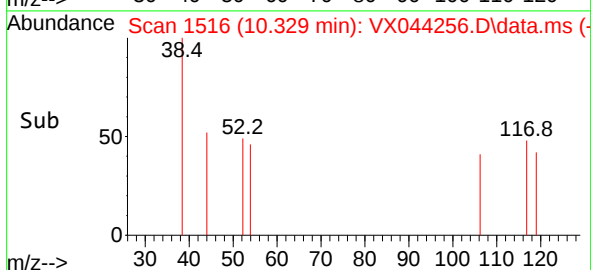
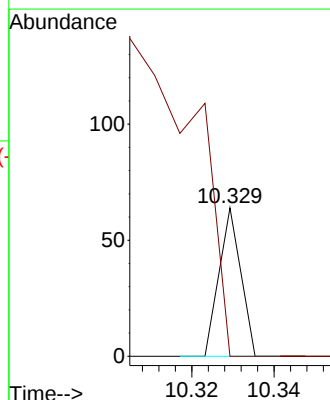
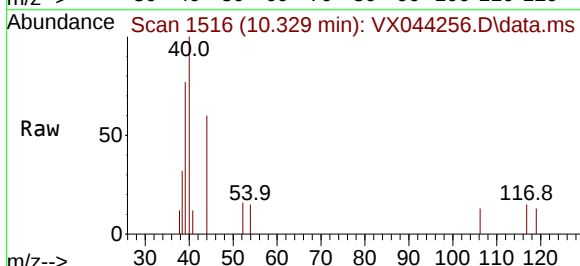
Acq: 12 Dec 2024 16:42

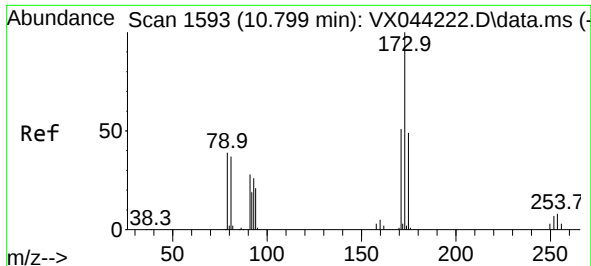
Tgt Ion:106 Resp: 23

Ion Ratio Lower Upper

106 100

91 0.0 170.2 255.2#

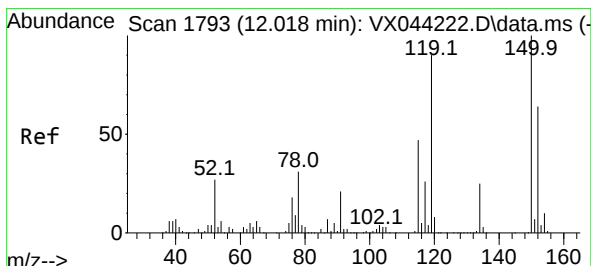
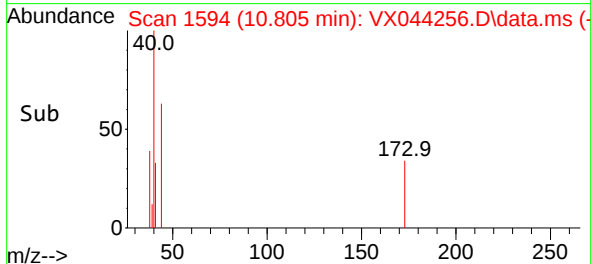
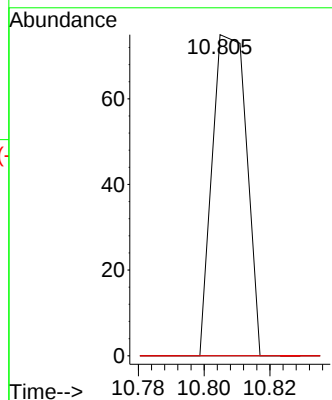
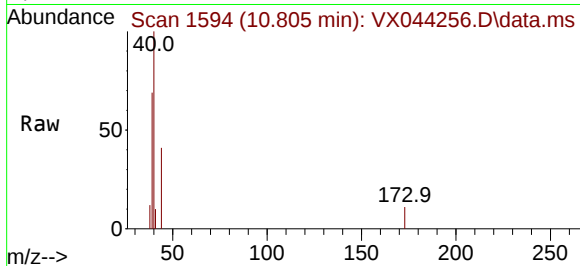




#71
Bromoform
Concen: 1.294 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

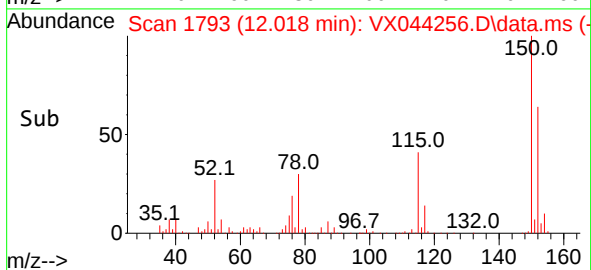
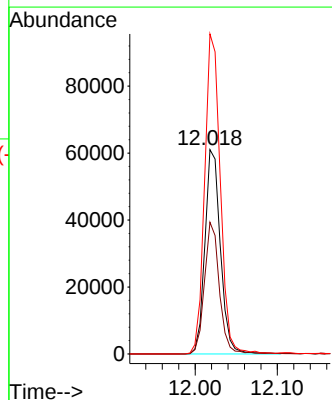
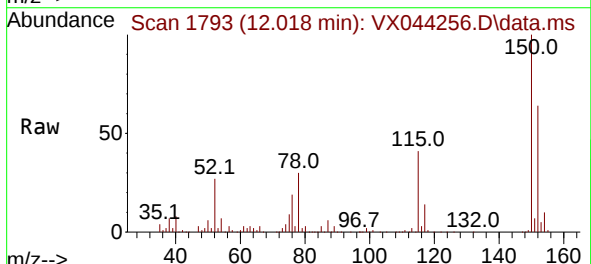
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

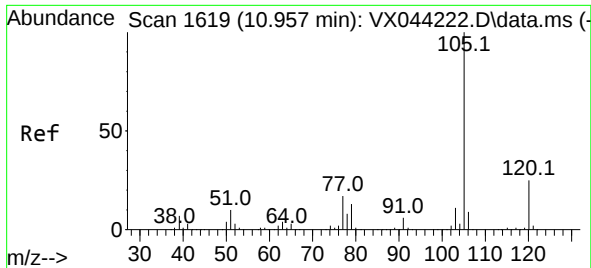
Tgt Ion:173 Resp: 54
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion:152 Resp: 80057
Ion Ratio Lower Upper
152 100
115 61.8 44.5 133.3
150 157.9 0.0 353.8

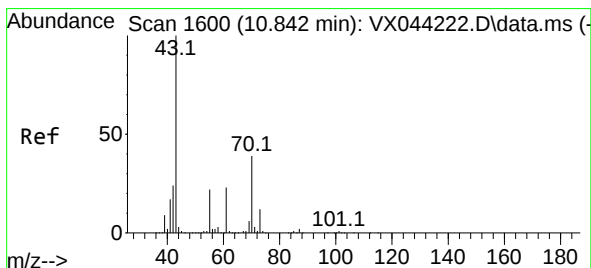
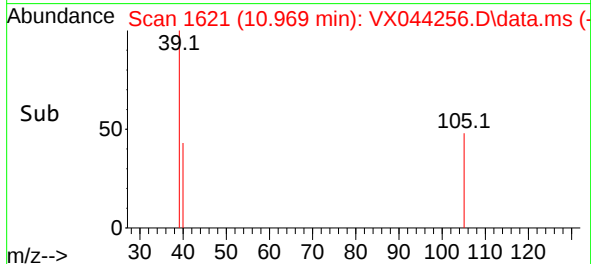
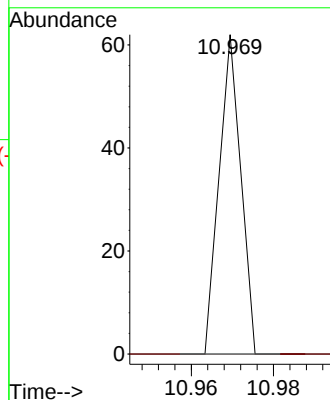
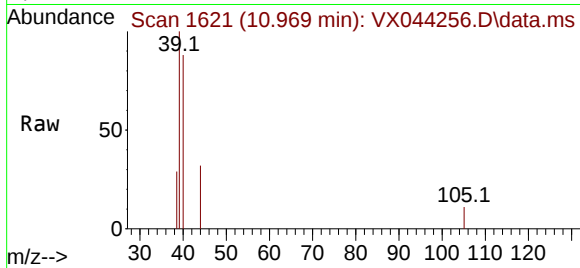




#73
Isopropylbenzene
Concen: 0.004 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.012 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

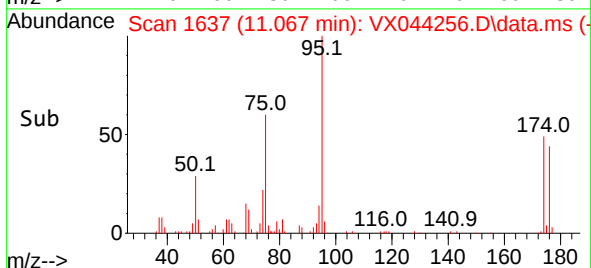
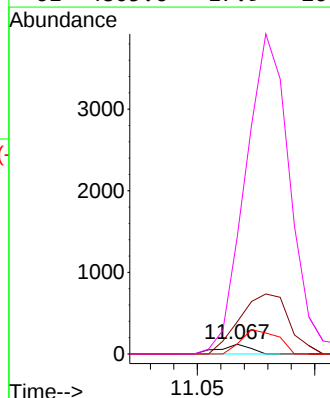
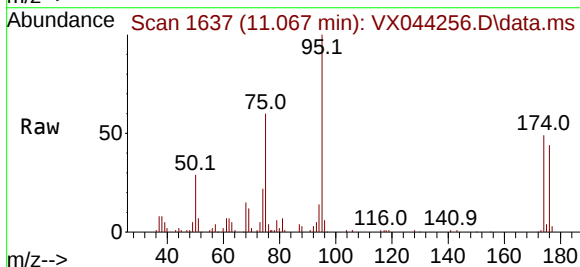
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209

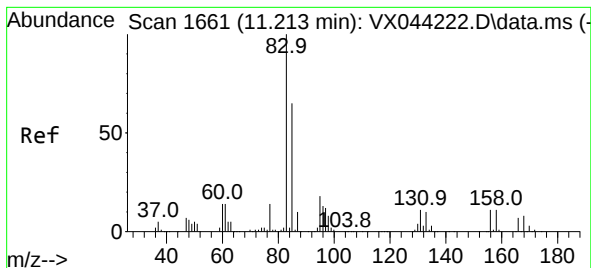
Tgt Ion:105 Resp: 23
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.3#



#74
N-ethyl acetate
Concen: 0.038 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.225 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
70 1000.9 31.9 47.9#
55 298.1 17.9 26.9#
61 4805.6 17.9 26.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.049 ug/l

RT: 11.073 min Scan# 1

Delta R.T. -0.140 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209

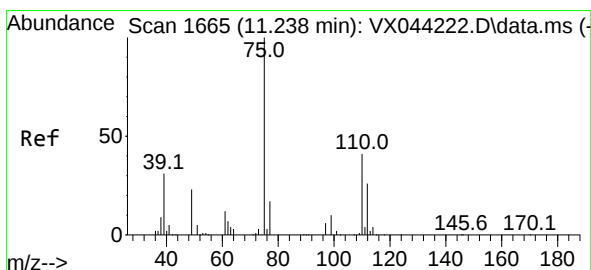
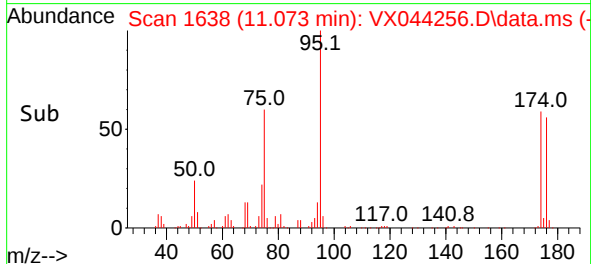
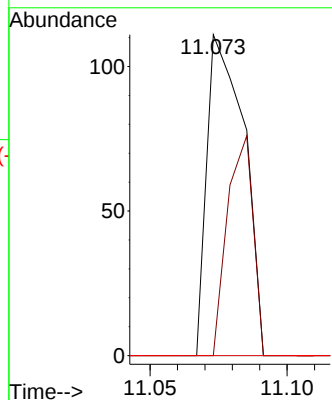
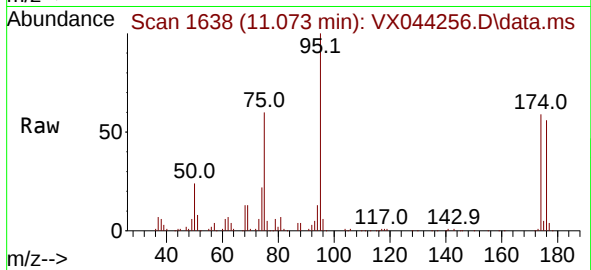
Tgt Ion: 83 Resp: 104

Ion Ratio Lower Upper

83 100

131 47.1 5.1 15.4#

85 0.0 32.5 97.4#



#76

1,2,3-Trichloropropane

Concen: 28.239 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044256.D

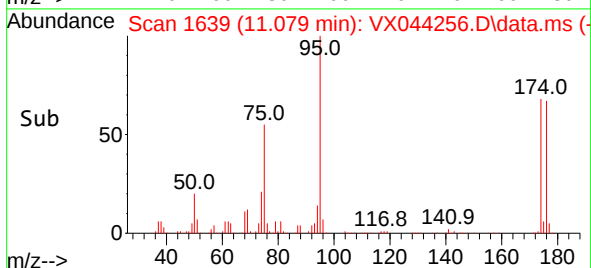
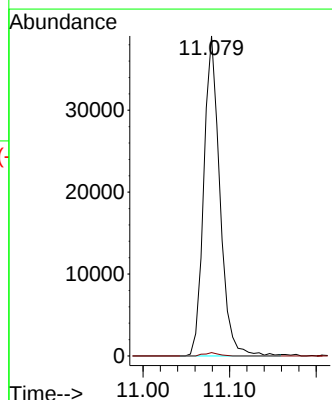
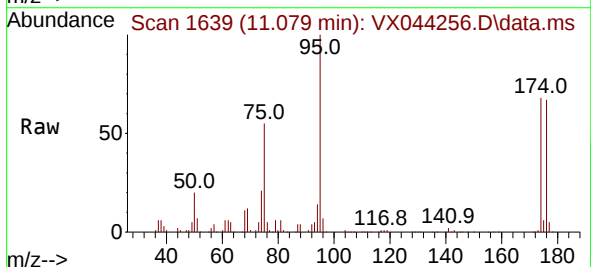
Acq: 12 Dec 2024 16:42

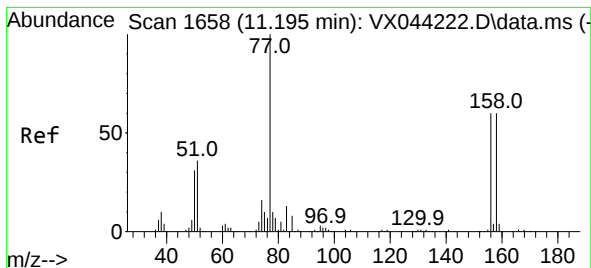
Tgt Ion: 75 Resp: 50477

Ion Ratio Lower Upper

75 100

77 0.9 20.9 62.7#





#77

Bromobenzene

Concen: 0.014 ug/l

RT: 11.085 min Scan# 1639

Delta R.T. -0.110 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20241209

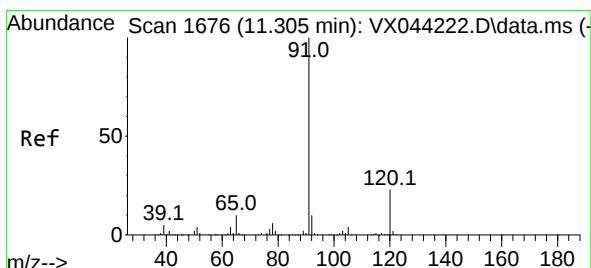
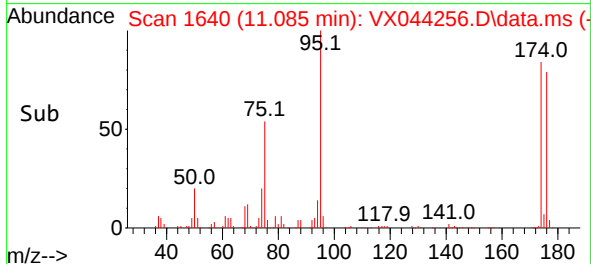
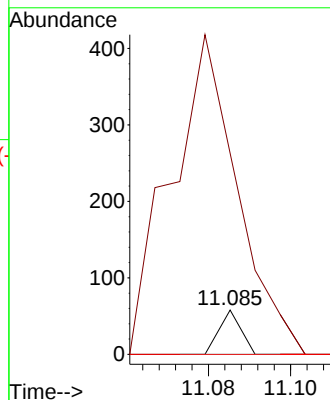
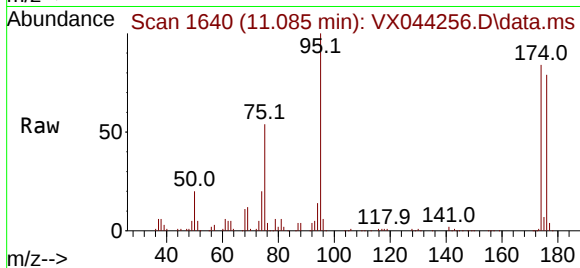
Tgt Ion:156 Resp: 21

Ion Ratio Lower Upper

156 100

77 2242.9 82.6 247.8#

158 0.0 48.8 146.4#



#78

n-propylbenzene

Concen: 0.078 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.226 min

Lab File: VX044256.D

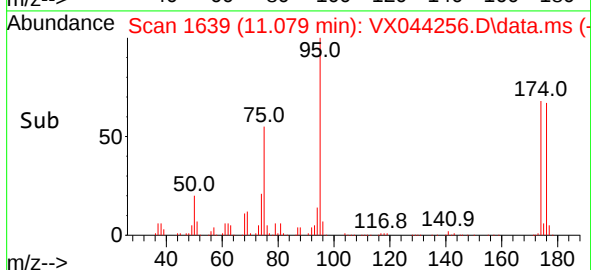
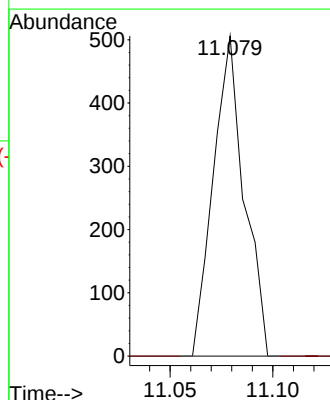
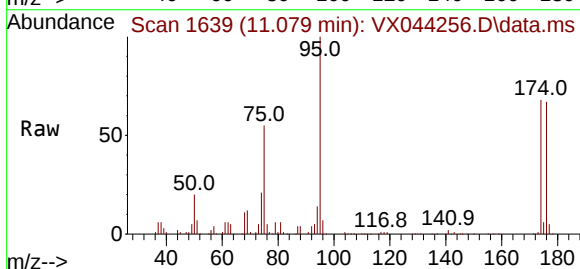
Acq: 12 Dec 2024 16:42

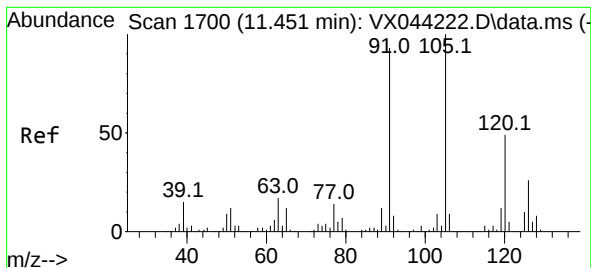
Tgt Ion: 91 Resp: 528

Ion Ratio Lower Upper

91 100

120 0.0 11.0 33.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.006 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

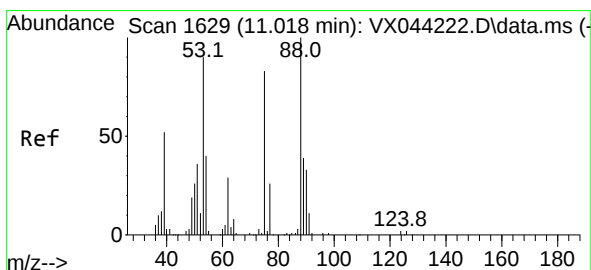
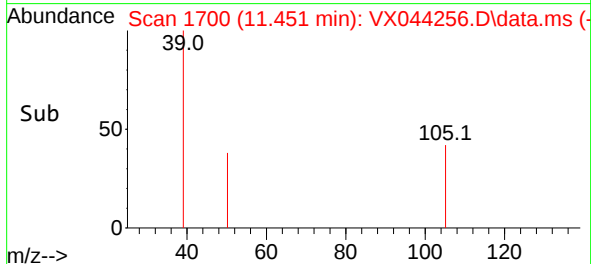
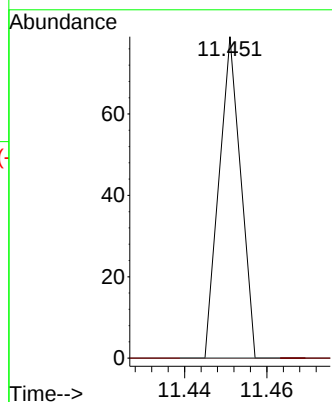
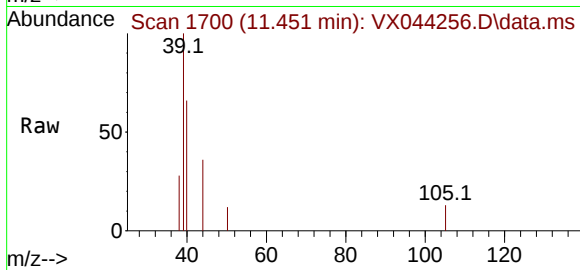
RE103D3-20241209

Tgt Ion:105 Resp: 29

Ion Ratio Lower Upper

105 100

120 0.0 23.8 71.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.470 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

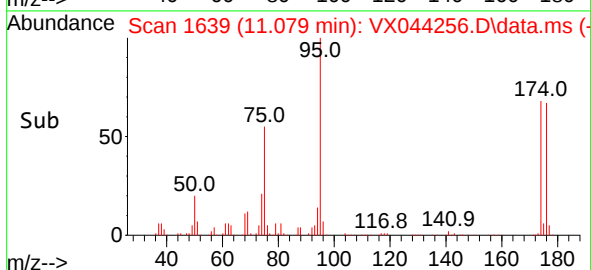
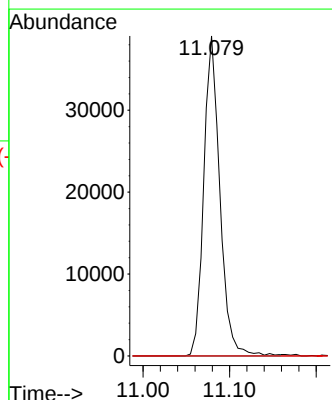
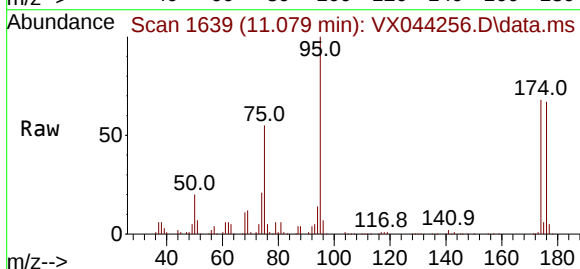
Tgt Ion: 75 Resp: 50477

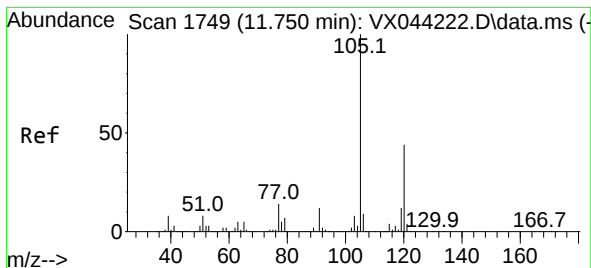
Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.0 37.3 55.9#





#84

1,2,4-Trimethylbenzene

Concen: 0.005 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.140 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

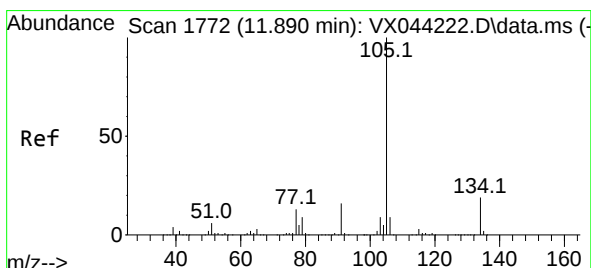
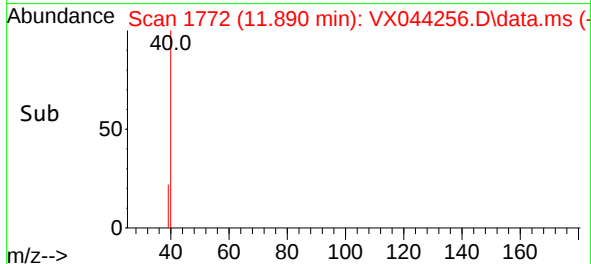
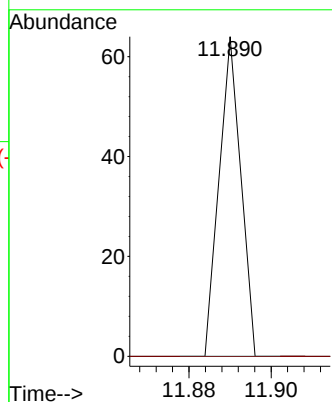
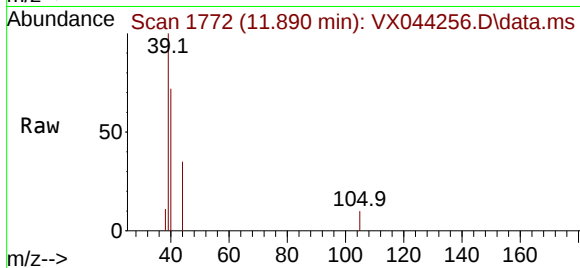
RE103D3-20241209

Tgt Ion:105 Resp: 23

Ion Ratio Lower Upper

105 100

120 0.0 21.7 65.1#



#85

sec-Butylbenzene

Concen: 0.016 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.134 min

Lab File: VX044256.D

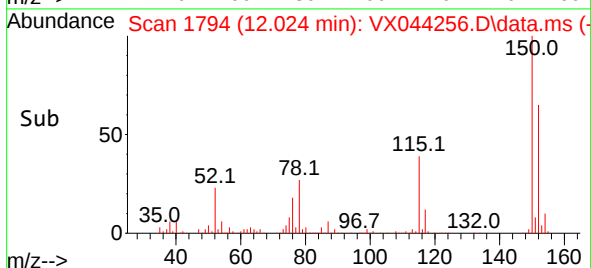
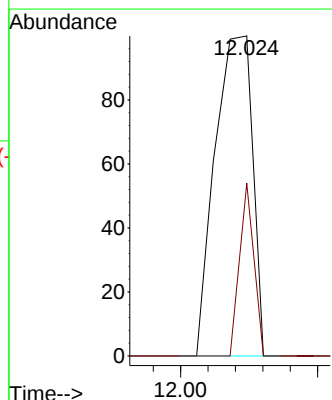
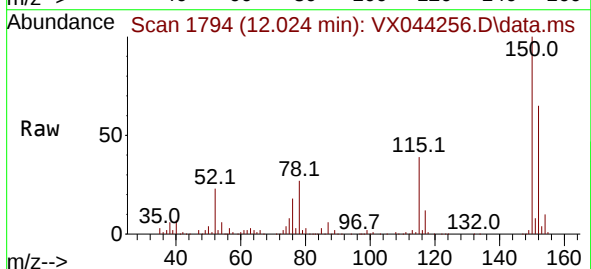
Acq: 12 Dec 2024 16:42

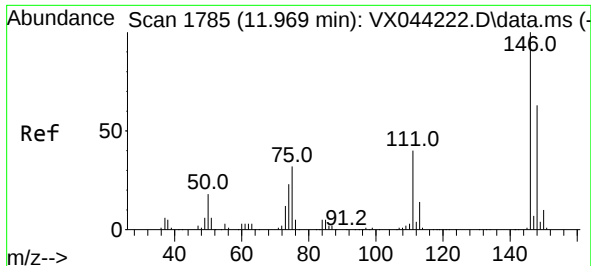
Tgt Ion:105 Resp: 95

Ion Ratio Lower Upper

105 100

134 21.1 9.8 29.4





#87

1,3-Dichlorobenzene

Concen: 0.015 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. 0.012 min

Lab File: VX044256.D

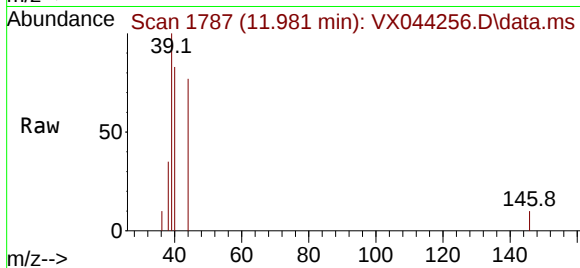
Acq: 12 Dec 2024 16:42

Instrument :

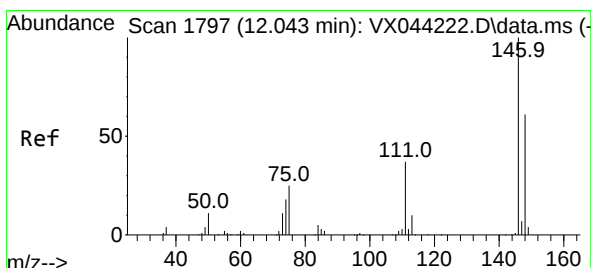
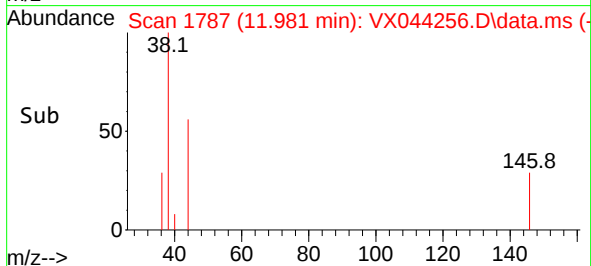
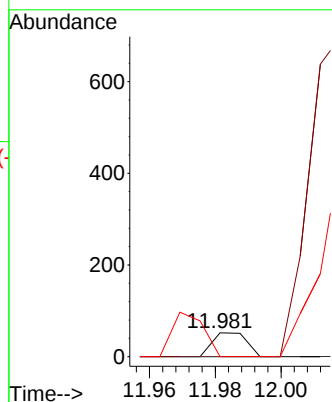
MSVOA_X

ClientSampleId :

RE103D3-20241209



Tgt Ion:146	Resp:	38
Ion	Ratio	Lower Upper
146	100	
111	0.0	21.4 64.2#
148	168.4	31.7 95.1#



#88

1,4-Dichlorobenzene

Concen: 0.046 ug/l

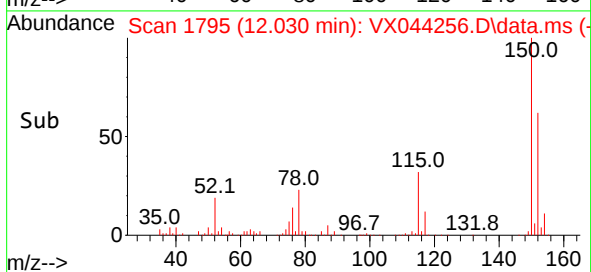
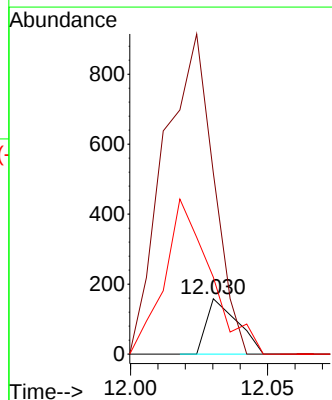
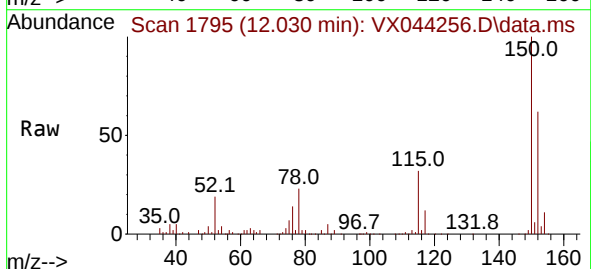
RT: 12.030 min Scan# 1795

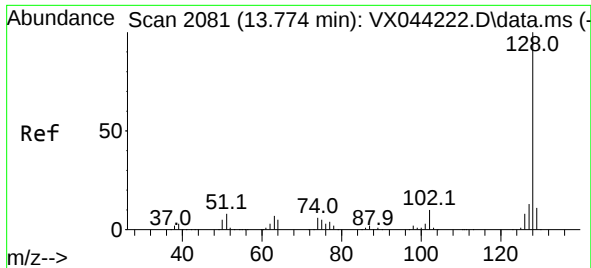
Delta R.T. -0.012 min

Lab File: VX044256.D

Acq: 12 Dec 2024 16:42

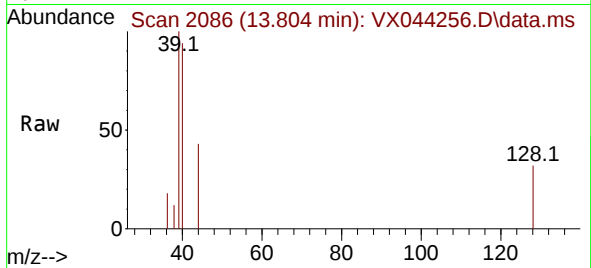
Tgt Ion:146	Resp:	123
Ion	Ratio	Lower Upper
146	100	
111	935.8	21.0 63.0#
148	422.8	32.3 96.8#





#95
Naphthalene
Concen: 0.035 ug/l
RT: 13.804 min Scan# 2086
Delta R.T. 0.030 min
Lab File: VX044256.D
Acq: 12 Dec 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20241209



Tgt Ion:128 Resp: 204
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.0 13.4#

