

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044254.D
 Acq On : 12 Dec 2024 15:55
 Operator : JC/MD
 Sample : P5261-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20241209

Quant Time: Dec 13 01:44:05 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	5.543	168	106095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93845	50.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.900%	
35) Dibromofluoromethane	5.379	113	66033	47.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.020%	
50) Toluene-d8	8.647	98	241583	51.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	80955	49.408	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.820%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	218	0.133	ug/l #	44
3) Chloromethane	1.294	50	105	0.067	ug/l #	42
4) Vinyl Chloride	1.575	62	86	0.053	ug/l #	43
5) Bromomethane	1.587	94	263	0.227	ug/l #	48
6) Chloroethane	1.703	64	208	0.204	ug/l #	41
7) Trichlorofluoromethane	1.861	101	290	0.091	ug/l #	55
8) Diethyl Ether	1.959	74	49	0.045	ug/l	53
9) 1,1,2-Trichlorotrifluo...	2.312	101	11441	8.837	ug/l	96
11) Tert butyl alcohol	2.946	59	3955	15.086	ug/l #	71
12) 1,1-Dichloroethene	2.312	96	1697	1.427	ug/l	96
13) Acrolein	1.977	56	20	0.053	ug/l #	28
14) Allyl chloride	2.654	41	103	0.052	ug/l #	74
15) Acrylonitrile	2.934	53	121	0.167	ug/l #	17
16) Acetone	2.373	43	453	0.597	ug/l #	48
17) Carbon Disulfide	2.495	76	153	0.068	ug/l #	75
18) Methyl Acetate	2.696	43	145	0.074	ug/l #	60
19) Methyl tert-butyl Ether	3.117	73	445	0.096	ug/l #	56
20) Methylene Chloride	2.782	84	180	0.126	ug/l #	70
23) Vinyl Acetate	3.434	43	53	0.015	ug/l #	73
24) 1,1-Dichloroethane	3.599	63	631	0.254	ug/l #	82
25) 2-Butanone	4.379	43	22	0.020	ug/l #	50
27) cis-1,2-Dichloroethene	4.501	96	2344	1.460	ug/l	90
28) Bromochloromethane	5.092	49	63	0.052	ug/l #	13
29) Tetrahydrofuran	5.013	42	38	0.055	ug/l #	32
30) Chloroform	5.105	83	1127	0.403	ug/l #	78
31) Cyclohexane	5.543	56	3168	1.578	ug/l #	59
32) 1,1,1-Trichloroethane	5.373	97	94	0.041	ug/l #	24
36) 1,1-Dichloropropene	5.543	75	10267	5.715	ug/l #	50
37) Ethyl Acetate	4.830	43	49	0.022	ug/l #	71
38) Carbon Tetrachloride	5.678	117	435	0.225	ug/l #	60
39) Methylcyclohexane	7.116	83	10893	5.072	ug/l #	1
40) Benzene	6.031	78	212	0.039	ug/l #	51
41) Methacrylonitrile	4.916	41	130	0.110	ug/l #	23
42) 1,2-Dichloroethane	6.098	62	369	0.164	ug/l #	78
43) Isopropyl Acetate	6.367	43	124	0.036	ug/l #	74
44) Trichloroethene	7.122	130	813979	598.378	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

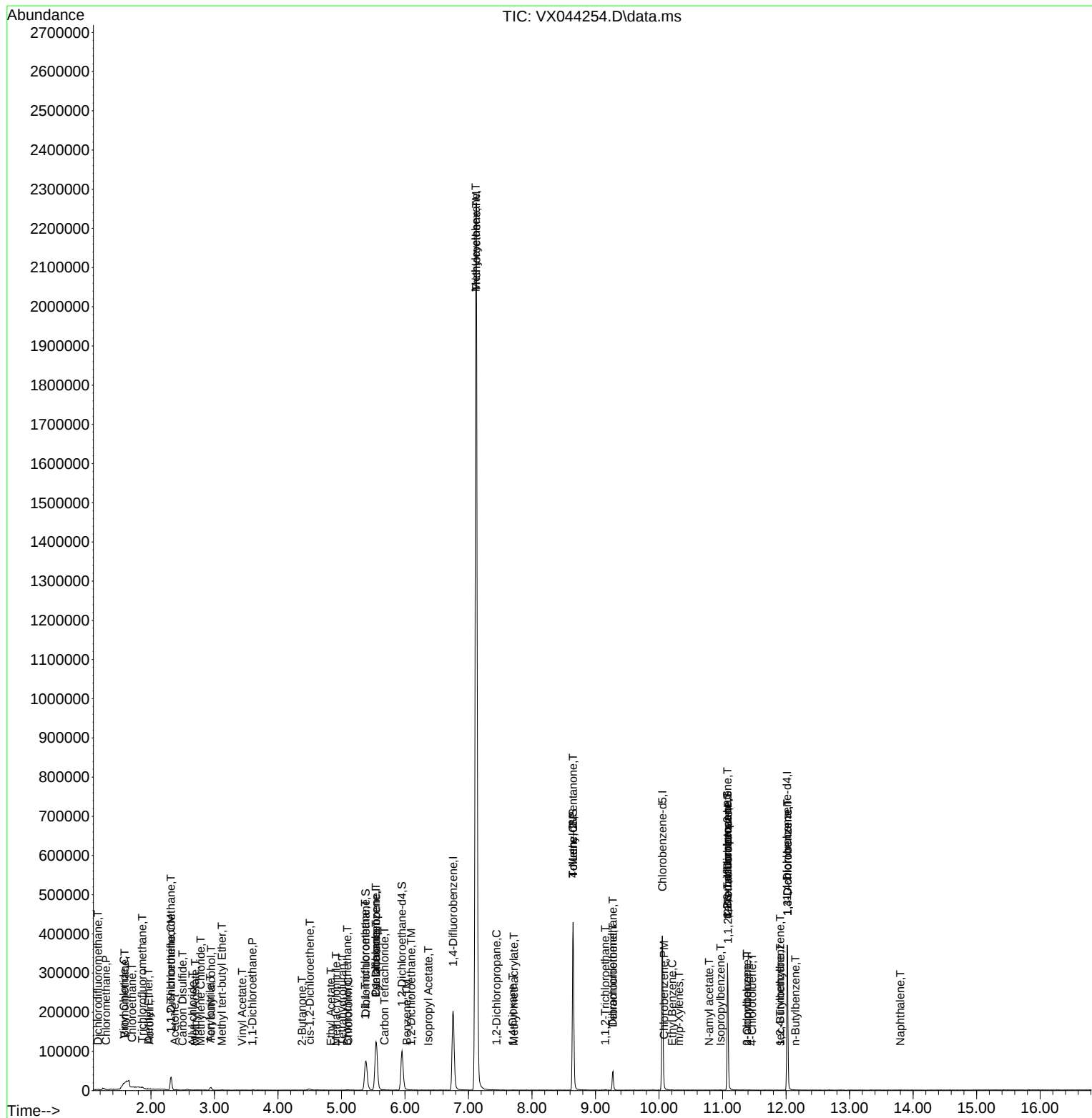
45) 1,2-Dichloropropane	7.439	63	88	0.063	ug/l #	44
48) Methyl methacrylate	7.714	41	39	0.023	ug/l #	13
49) 1,4-Dioxane	7.696	88	543	19.437	ug/l #	65
51) 4-Methyl-2-Pentanone	8.647	43	1426	0.639	ug/l #	1
52) Toluene	8.647	92	27	0.008	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	469	0.345	ug/l #	62
60) Dibromochloromethane	9.275	129	7963	6.839	ug/l #	11
64) Tetrachloroethene	9.275	164	7515	6.508	ug/l	96
65) Chlorobenzene	10.079	112	55	0.015	ug/l #	43
67) Ethyl Benzene	10.207	91	125	0.019	ug/l #	45
68) m/p-Xylenes	10.317	106	68	0.029	ug/l #	21
73) Isopropylbenzene	10.969	105	27	0.005	ug/l #	49
74) N-amyl acetate	10.786	43	36	0.014	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.085	83	50	0.026	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	45520	28.627	ug/l #	36
78) n-propylbenzene	11.384	91	110	0.018	ug/l #	54
79) 2-Chlorotoluene	11.384	91	110	0.028	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	45520	78.457	ug/l #	4
82) 4-Chlorotoluene	11.463	91	20	0.005	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.908	105	20	0.005	ug/l #	32
85) sec-Butylbenzene	11.908	105	20	0.004	ug/l #	57
87) 1,3-Dichlorobenzene	12.024	146	337	0.146	ug/l #	1
88) 1,4-Dichlorobenzene	12.024	146	337	0.142	ug/l #	1
89) n-Butylbenzene	12.146	91	19	0.005	ug/l #	33
95) Naphthalene	13.798	128	150	0.029	ug/l #	69

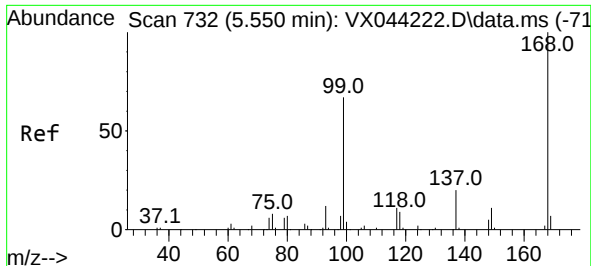
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

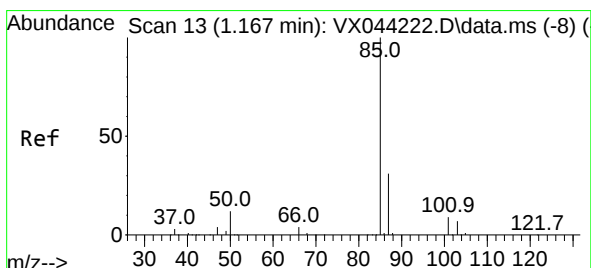
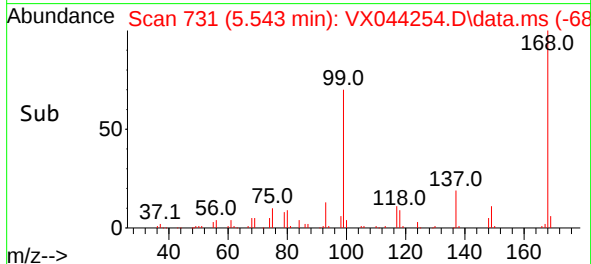
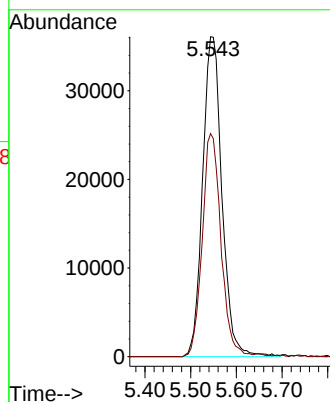
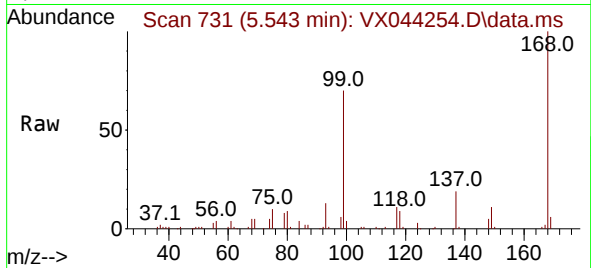




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

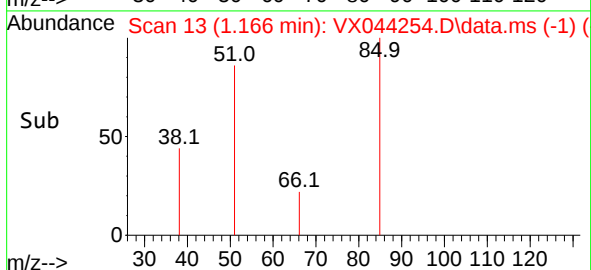
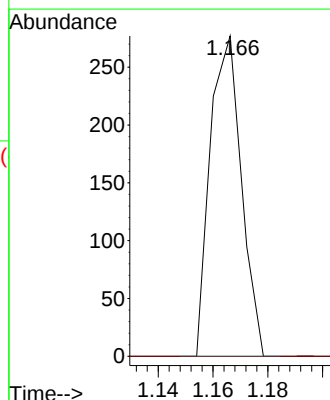
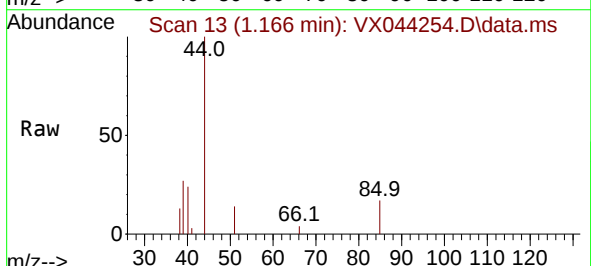
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ClientSampleId :
RE103D1-20241209

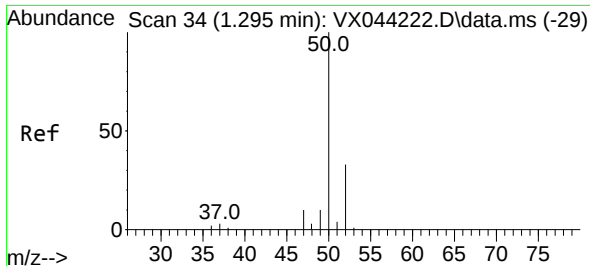
Tgt Ion:168 Resp: 106095
Ion Ratio Lower Upper
168 100
99 69.7 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 0.133 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 85 Resp: 218
Ion Ratio Lower Upper
85 100
87 0.0 15.4 46.4#

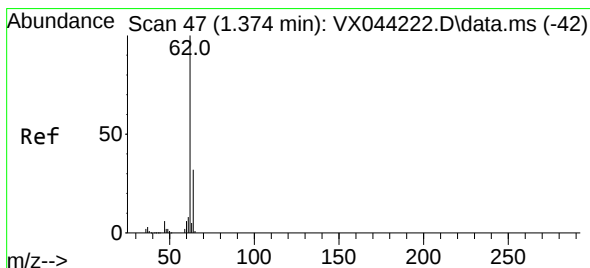
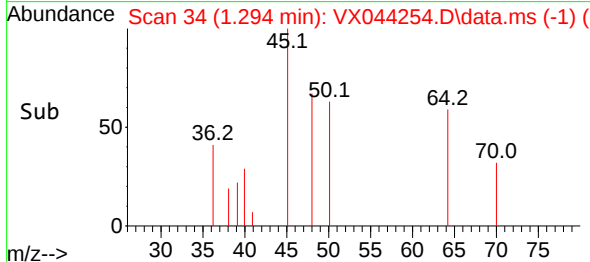
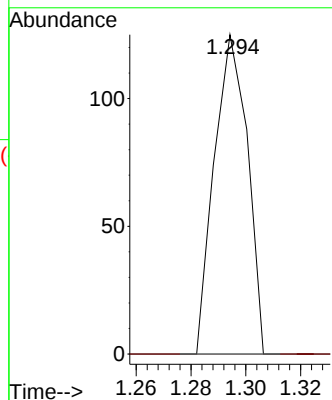
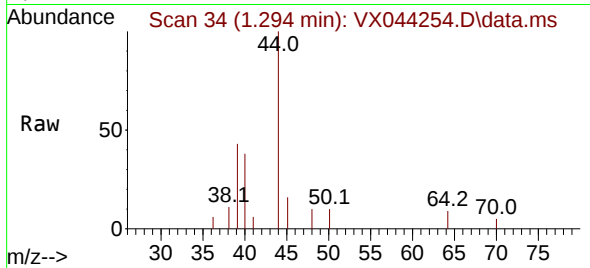




#3
Chloromethane
Concen: 0.067 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

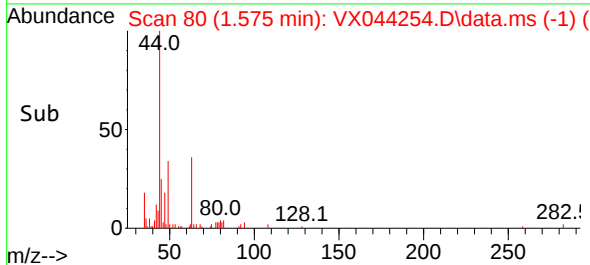
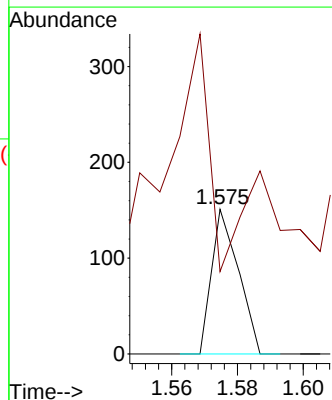
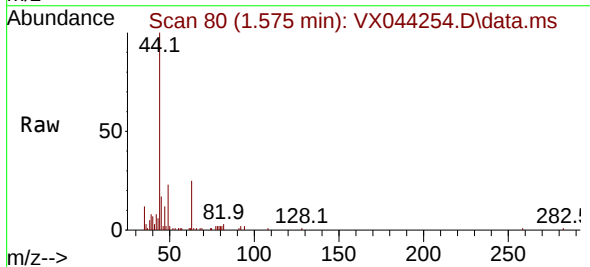
Instrument :
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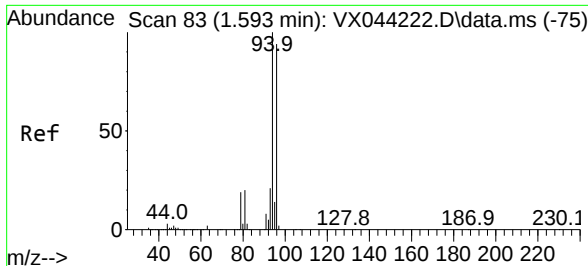
Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.053 ug/l
RT: 1.575 min Scan# 80
Delta R.T. 0.201 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

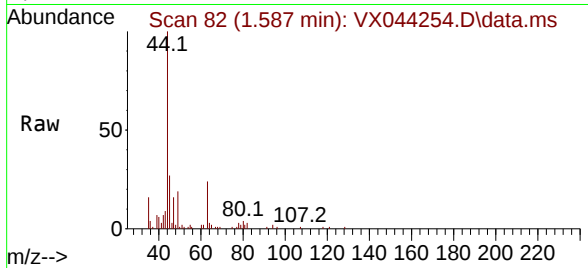
Tgt Ion: 62 Resp: 86
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#



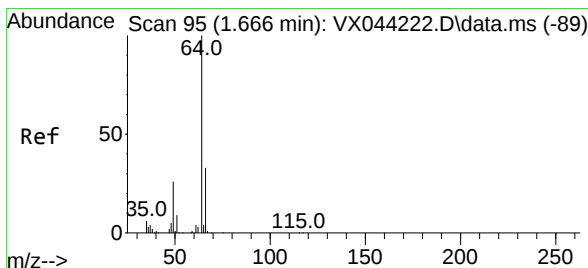
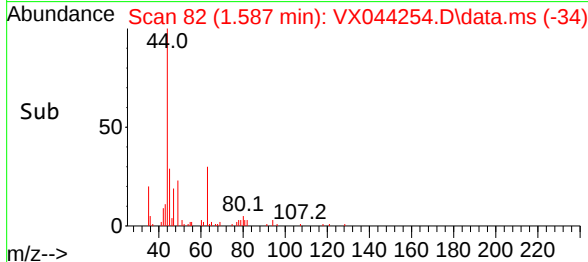
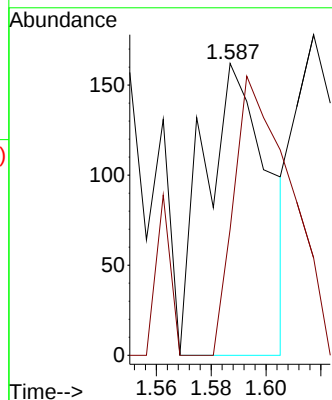


#5
Bromomethane
Concen: 0.227 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

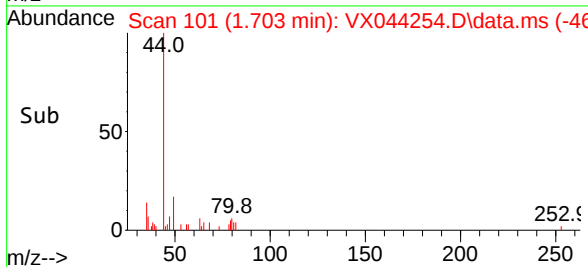
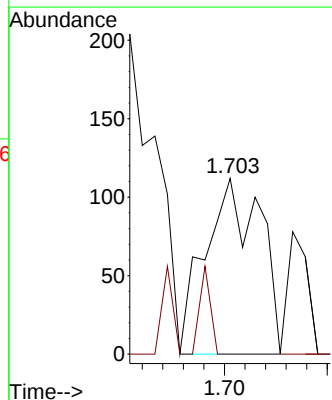
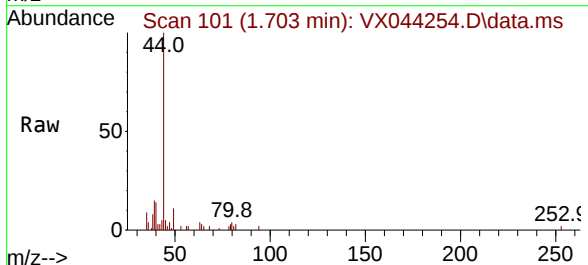


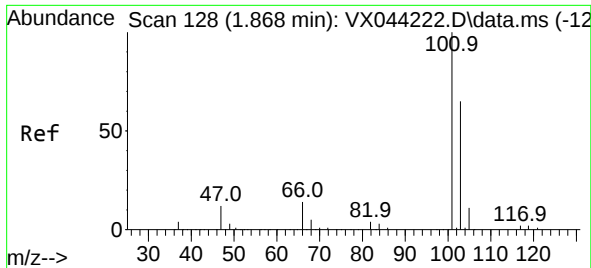
Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 43.2 74.9 112.3#



#6
Chloroethane
Concen: 0.204 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.036 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

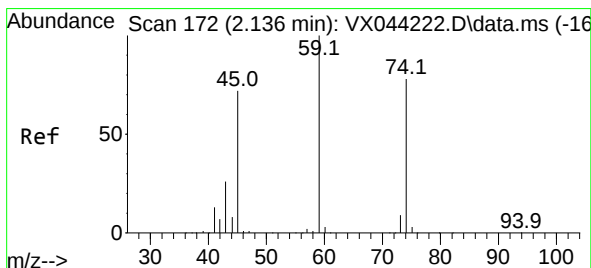
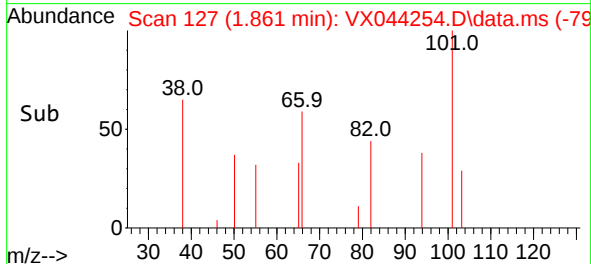
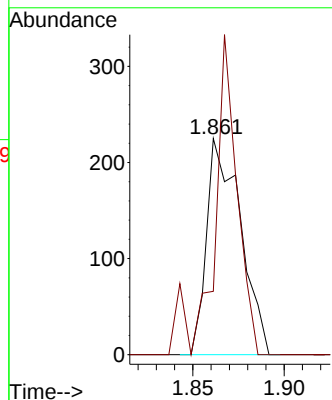
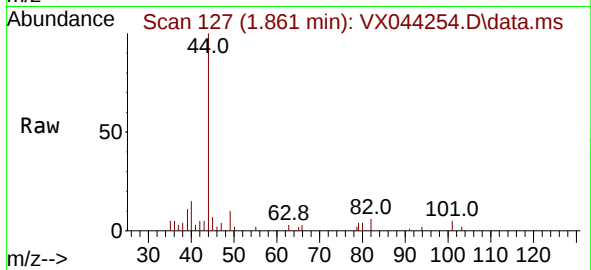




#7
 Trichlorofluoromethane
 Concen: 0.091 ug/l
 RT: 1.861 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX044254.D
 Acq: 12 Dec 2024 15:55

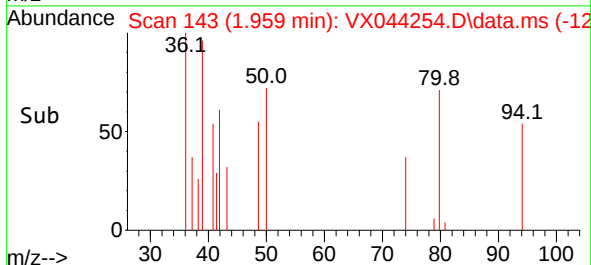
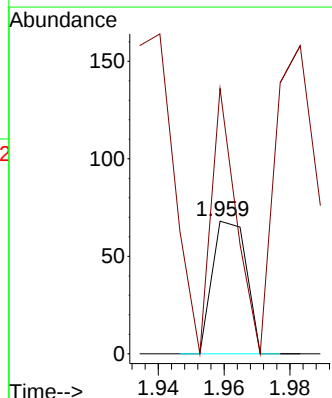
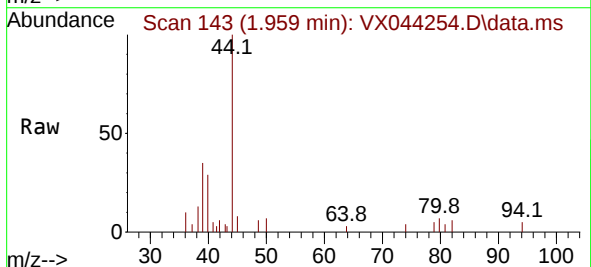
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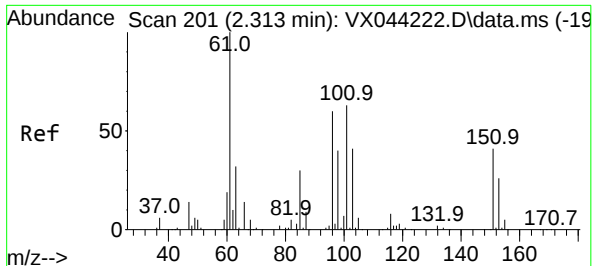
Tgt Ion:101 Resp: 290
 Ion Ratio Lower Upper
 101 100
 103 29.3 51.8 77.8#



#8
 Diethyl Ether
 Concen: 0.045 ug/l
 RT: 1.959 min Scan# 143
 Delta R.T. -0.177 min
 Lab File: VX044254.D
 Acq: 12 Dec 2024 15:55

Tgt Ion: 74 Resp: 49
 Ion Ratio Lower Upper
 74 100
 45 142.9 48.4 145.0

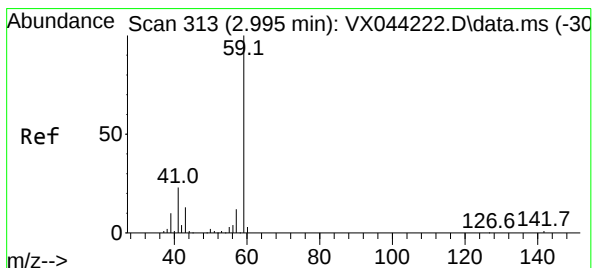
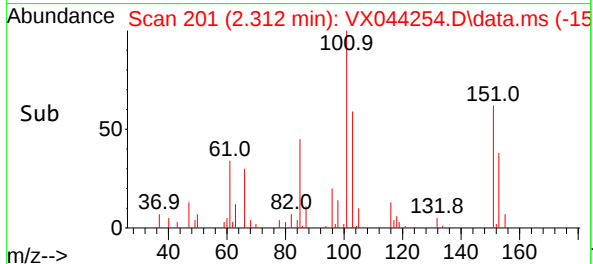
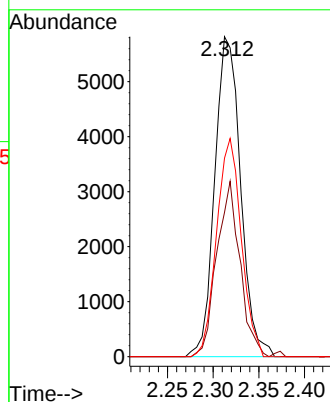
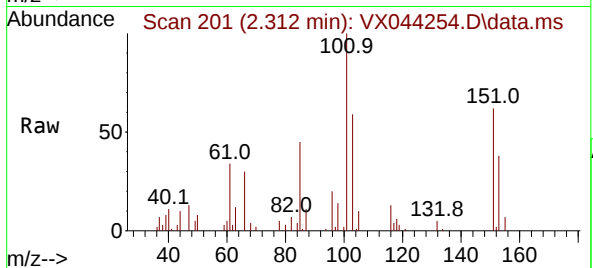




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.837 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

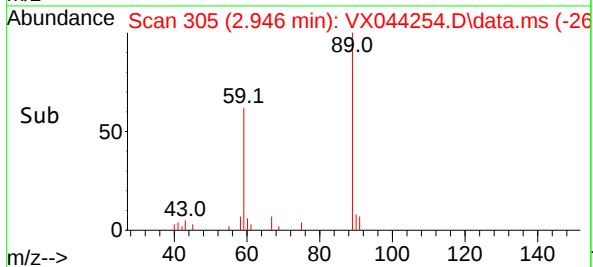
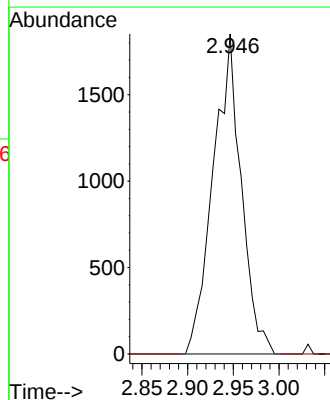
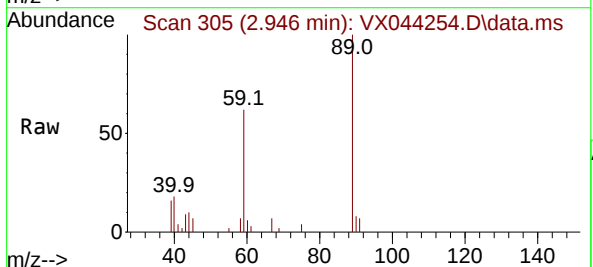
Instrument :
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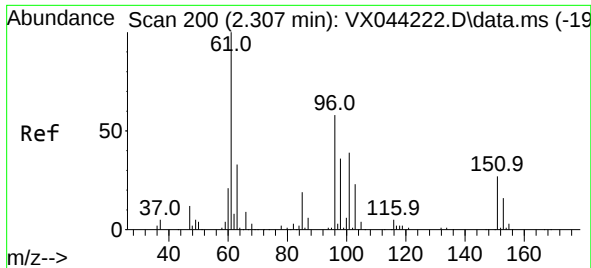
Tgt Ion:101 Resp: 11441
Ion Ratio Lower Upper
101 100
85 49.4 38.5 57.7
151 65.3 55.8 83.6



#11
Tert butyl alcohol
Concen: 15.086 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 59 Resp: 3955
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 1.427 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209

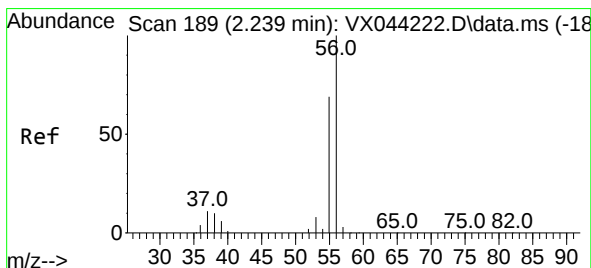
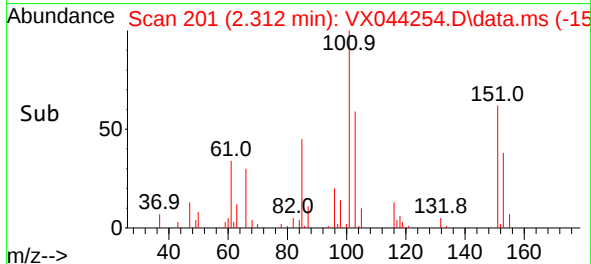
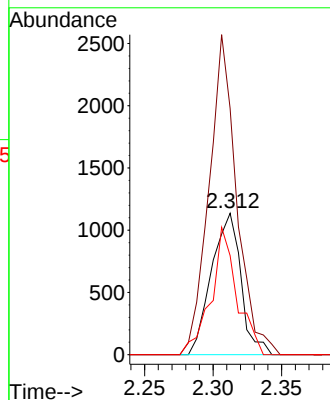
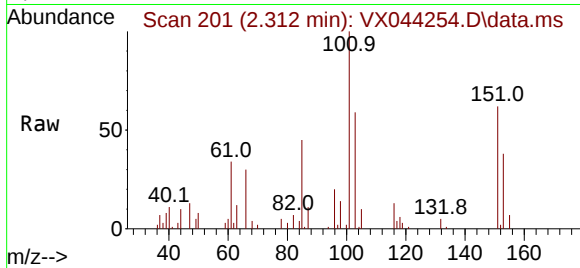
Tgt Ion: 96 Resp: 1697

Ion Ratio Lower Upper

96 100

61 174.2 138.0 207.0

98 70.1 50.0 75.0



#13

Acrolein

Concen: 0.053 ug/l

RT: 1.977 min Scan# 146

Delta R.T. -0.262 min

Lab File: VX044254.D

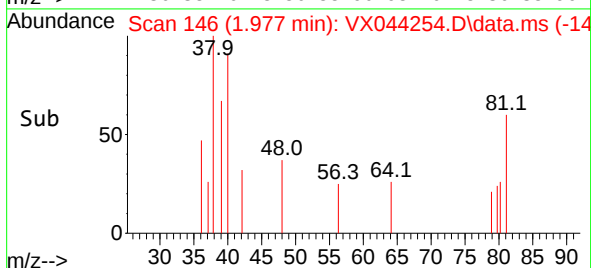
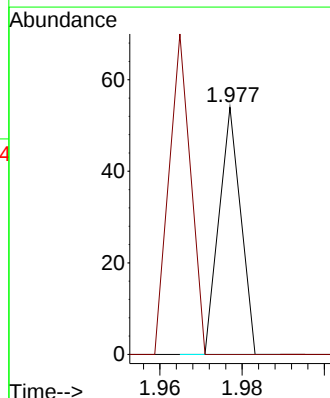
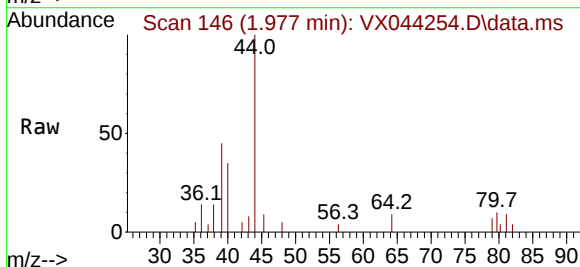
Acq: 12 Dec 2024 15:55

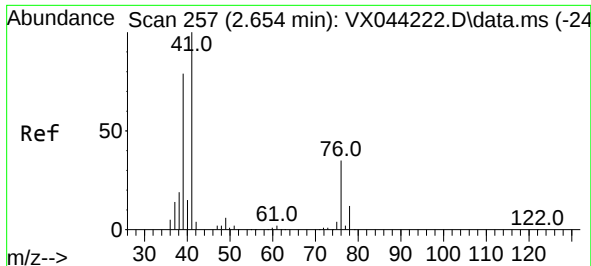
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 130.0 56.6 84.8#

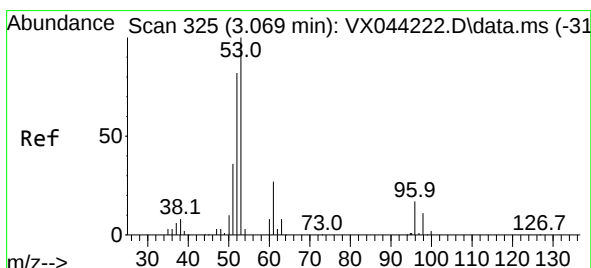
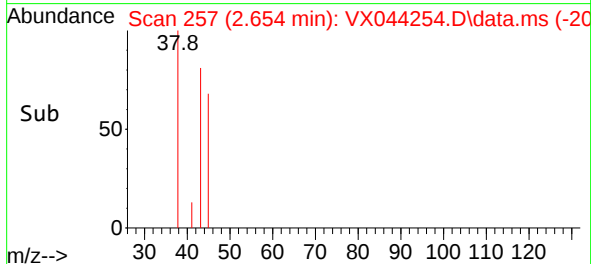
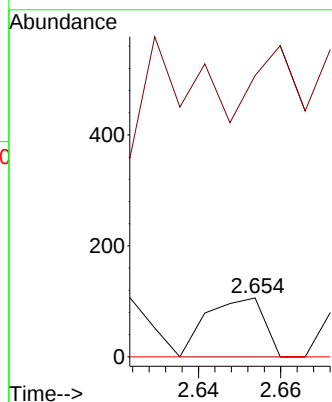
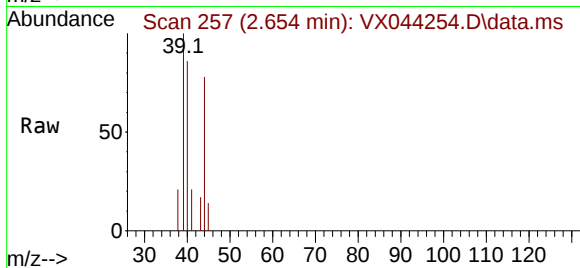




#14
 Allyl chloride
 Concen: 0.052 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX044254.D
 Acq: 12 Dec 2024 15:55

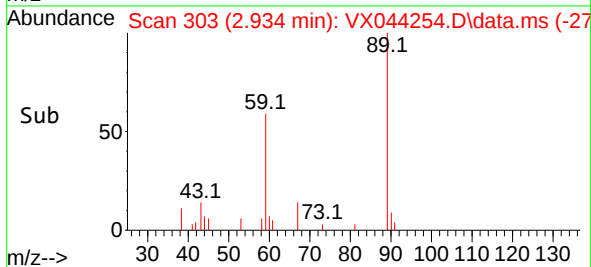
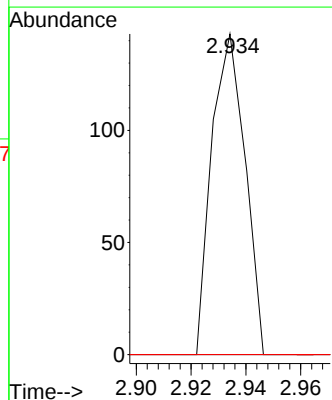
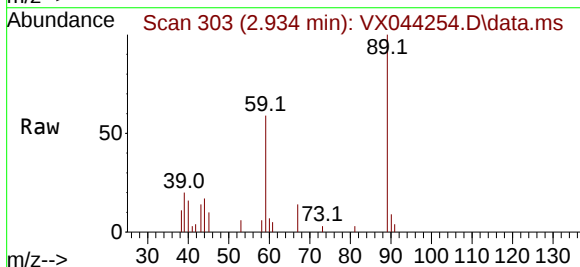
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20241209

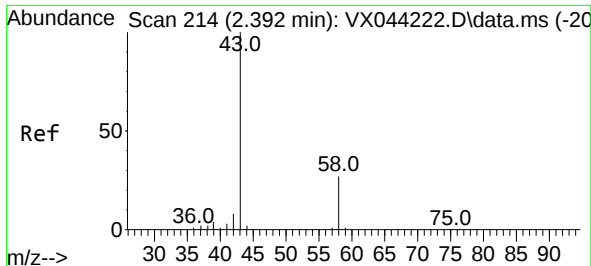
Tgt Ion:	41	Resp:	103
Ion	Ratio	Lower	Upper
41	100		
39	87.4	61.9	92.9
76	0.0	27.4	41.2#



#15
 Acrylonitrile
 Concen: 0.167 ug/l
 RT: 2.934 min Scan# 303
 Delta R.T. -0.134 min
 Lab File: VX044254.D
 Acq: 12 Dec 2024 15:55

Tgt Ion:	53	Resp:	121
Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.4	101.0#
51	0.0	30.3	45.5#

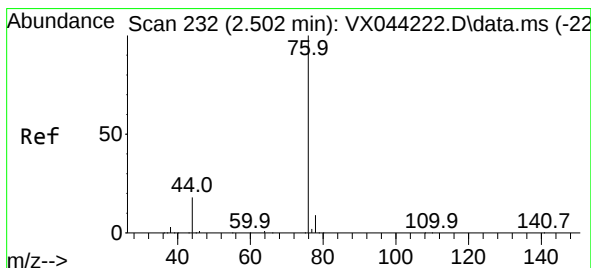
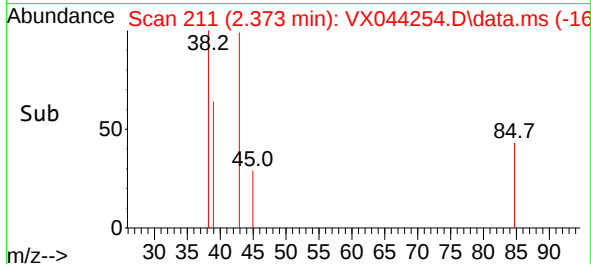
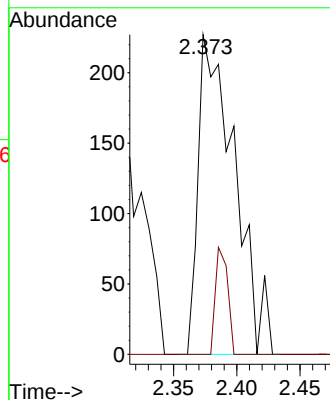
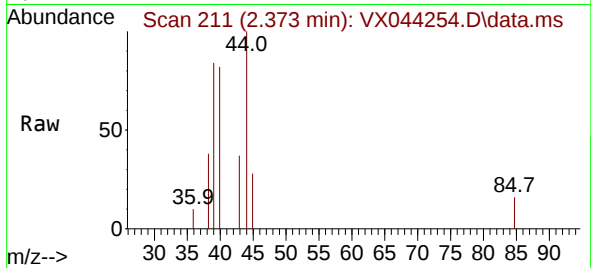




#16
Acetone
Concen: 0.597 ug/l
RT: 2.373 min Scan# 214
Delta R.T. -0.019 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

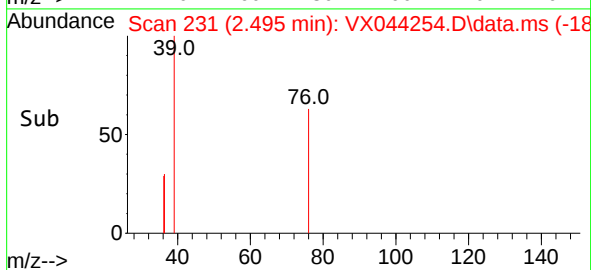
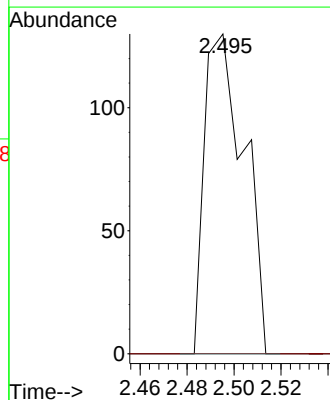
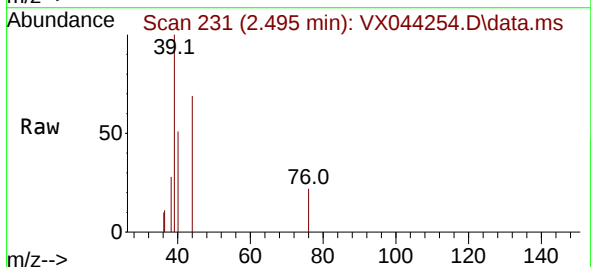
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

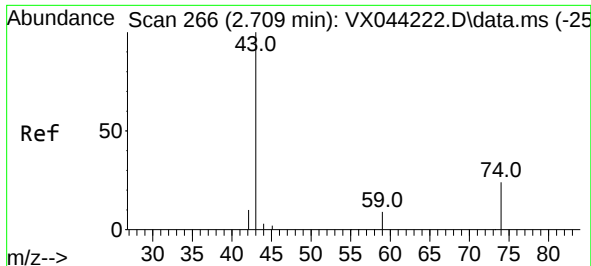
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#17
Carbon Disulfide
Concen: 0.068 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 76 Resp: 153
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 0.074 ug/l

RT: 2.696 min Scan# 2

Delta R.T. -0.013 min

Lab File: VX044254.D

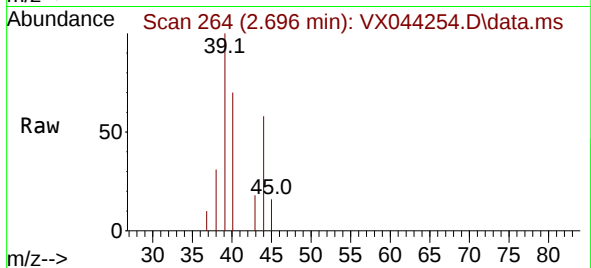
Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209

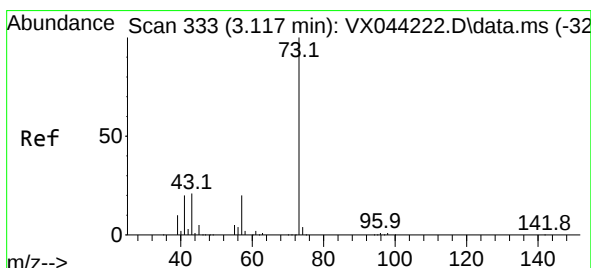
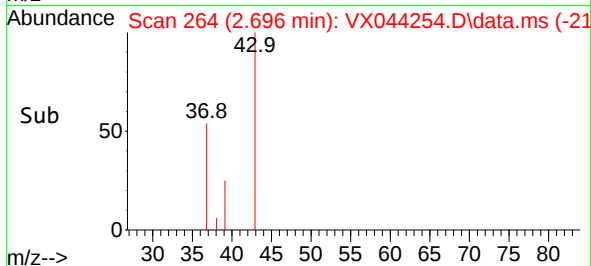
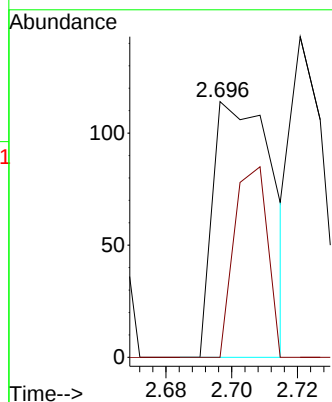


Tgt Ion: 43 Resp: 145

Ion Ratio Lower Upper

43 100

74 41.4 17.7 26.5#



#19

Methyl tert-butyl Ether

Concen: 0.096 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044254.D

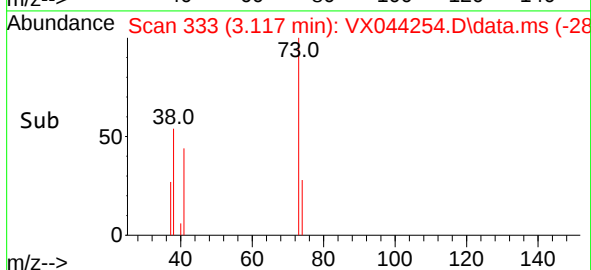
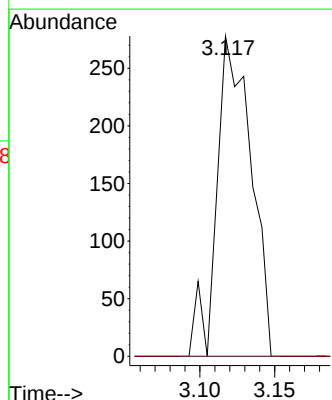
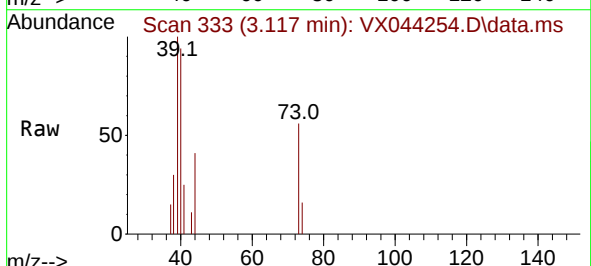
Acq: 12 Dec 2024 15:55

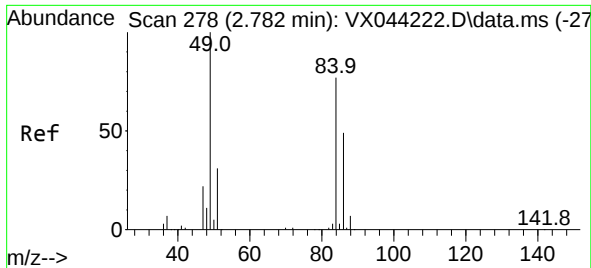
Tgt Ion: 73 Resp: 445

Ion Ratio Lower Upper

73 100

57 0.0 16.2 24.4#

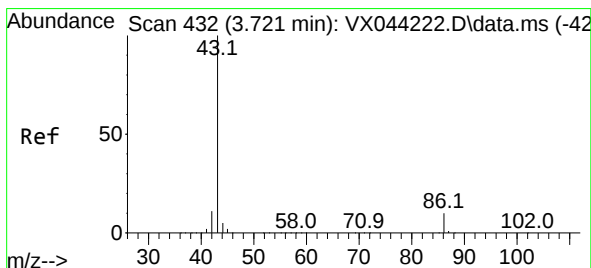
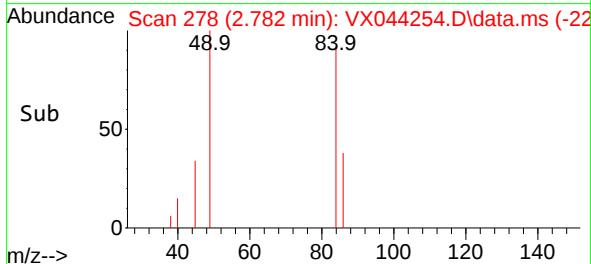
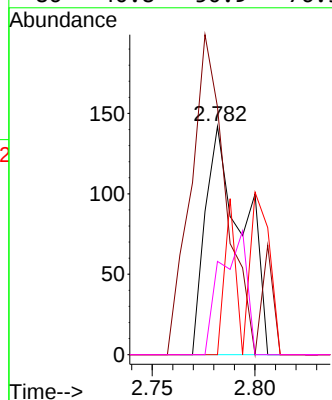
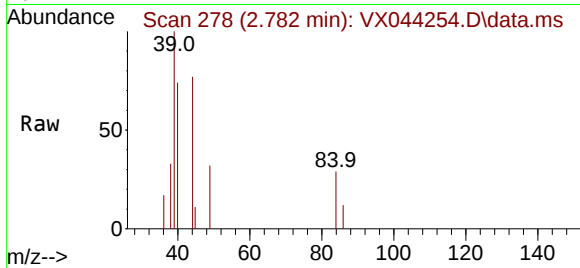




#20
Methylene Chloride
Concen: 0.126 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

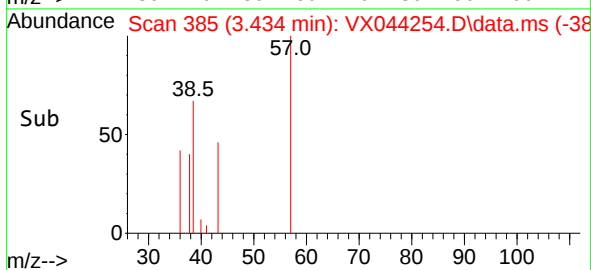
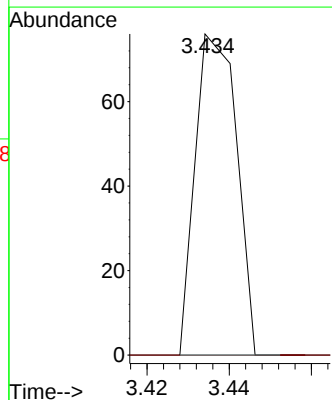
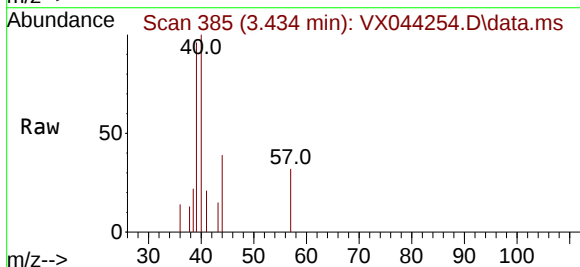
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

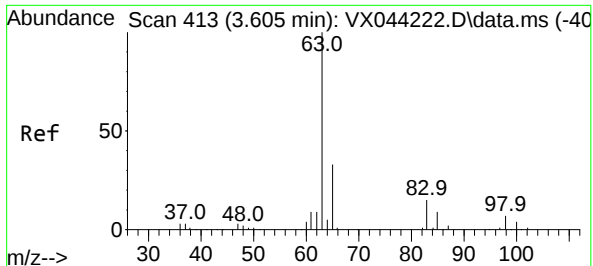
Tgt Ion:	84	Resp:	180
Ion	Ratio	Lower	Upper
84	100		
49	108.5	104.2	156.4
51	0.0	32.2	48.4#
86	40.8	50.9	76.3#



#23
Vinyl Acetate
Concen: 0.015 ug/l
RT: 3.434 min Scan# 385
Delta R.T. -0.287 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion:	43	Resp:	53
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#

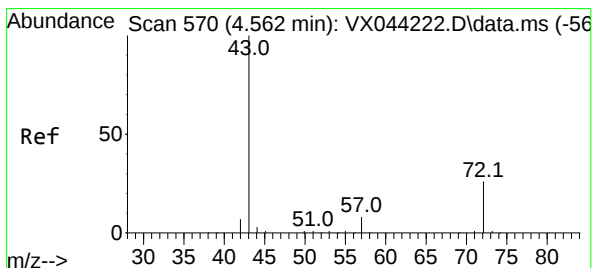
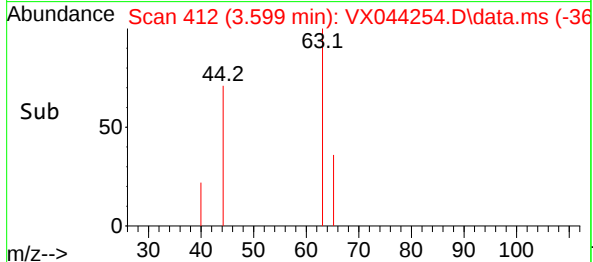
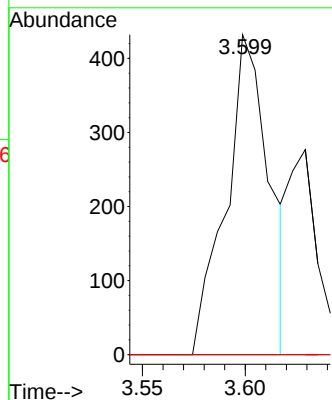
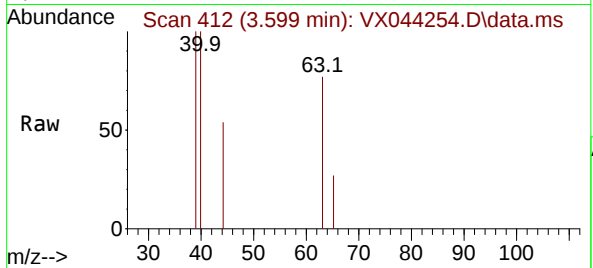




#24
1,1-Dichloroethane
Concen: 0.254 ug/l
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

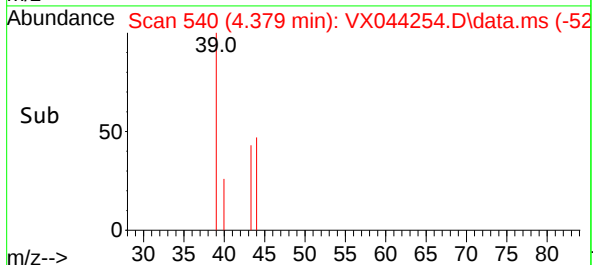
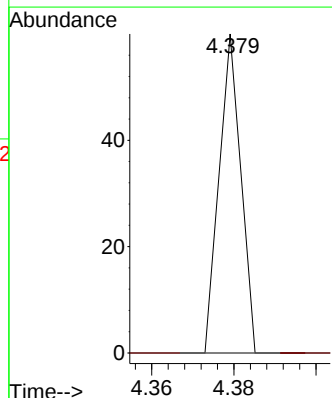
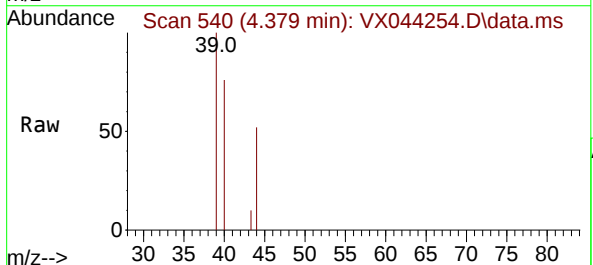
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

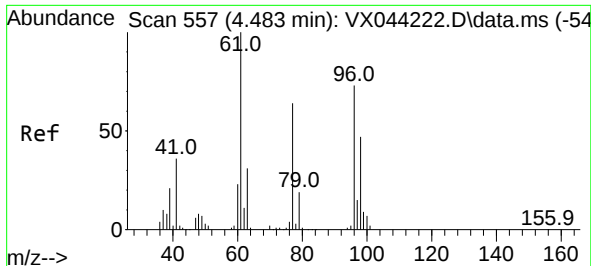
Tgt Ion: 63 Resp: 631
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.1 6.3#



#25
2-Butanone
Concen: 0.020 ug/l
RT: 4.379 min Scan# 540
Delta R.T. -0.183 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#





#27

cis-1,2-Dichloroethene

Concen: 1.460 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209

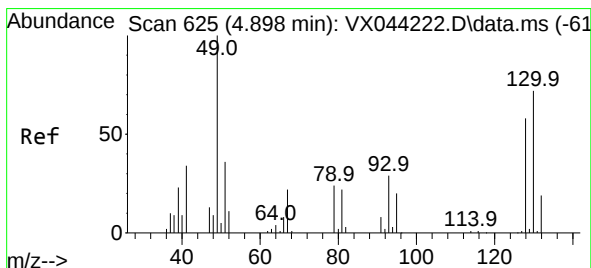
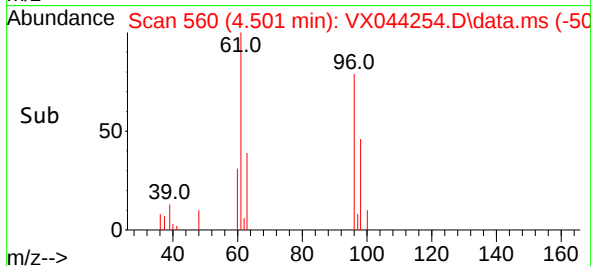
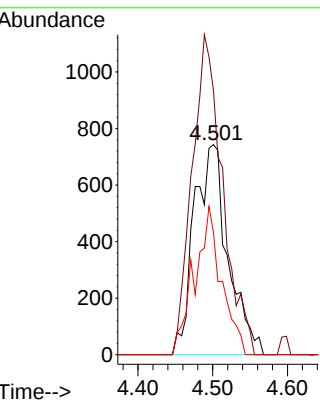
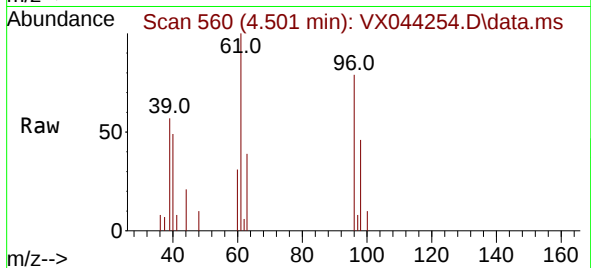
Tgt Ion: 96 Resp: 2344

Ion Ratio Lower Upper

96 100

61 137.0 0.0 299.0

98 55.8 0.0 129.0



#28

Bromochloromethane

Concen: 0.052 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.195 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

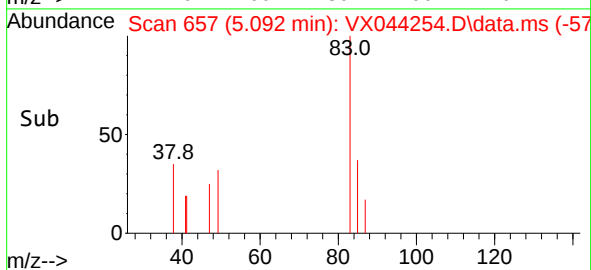
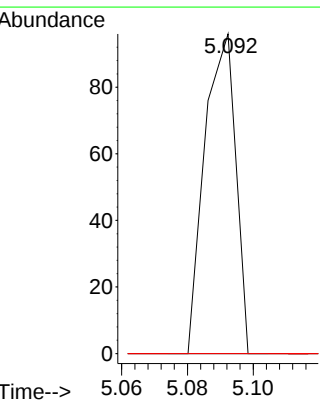
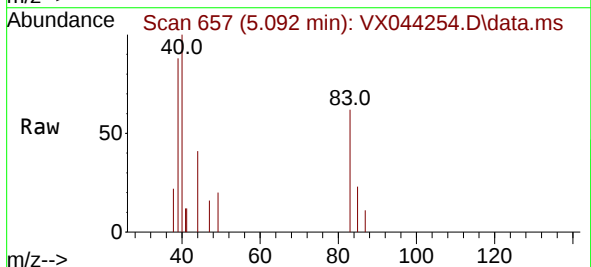
Tgt Ion: 49 Resp: 63

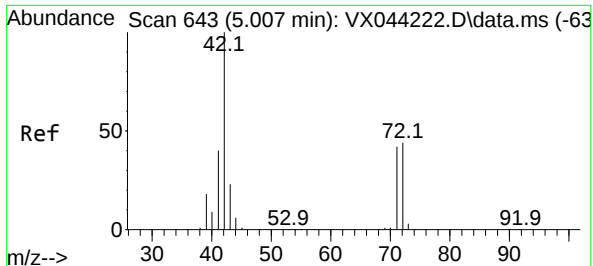
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 62.1 93.1#





#29

Tetrahydrofuran

Concen: 0.055 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209

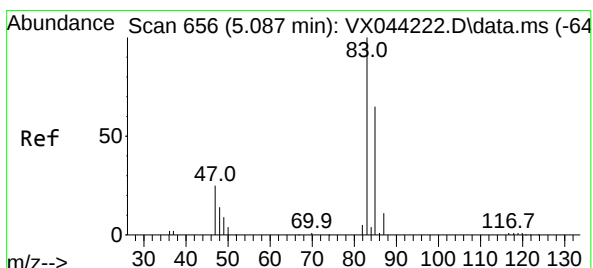
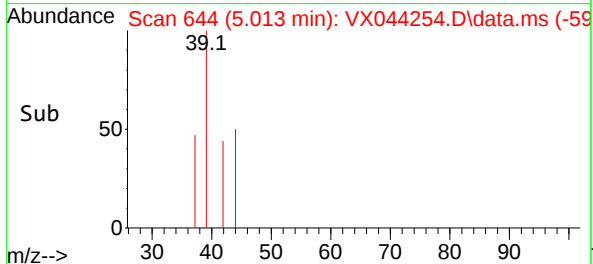
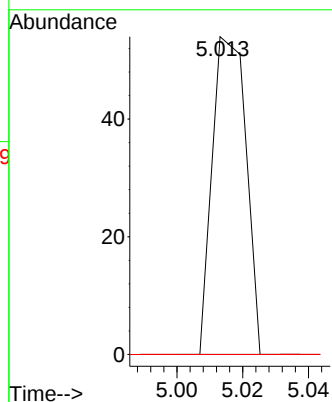
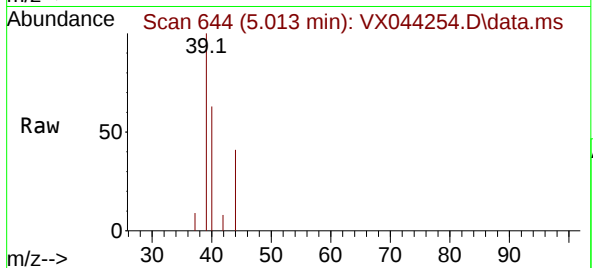
Tgt Ion: 42 Resp: 38

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 33.6 50.4#



#30

Chloroform

Concen: 0.403 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.018 min

Lab File: VX044254.D

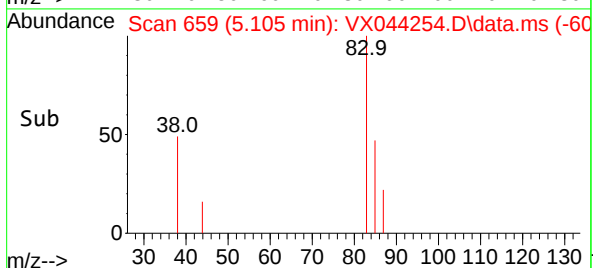
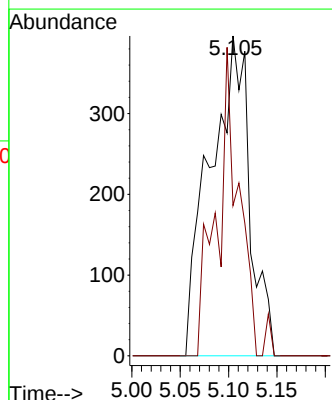
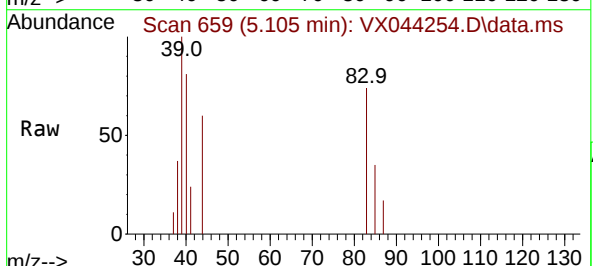
Acq: 12 Dec 2024 15:55

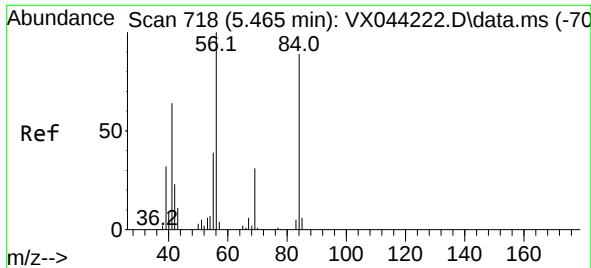
Tgt Ion: 83 Resp: 1127

Ion Ratio Lower Upper

83 100

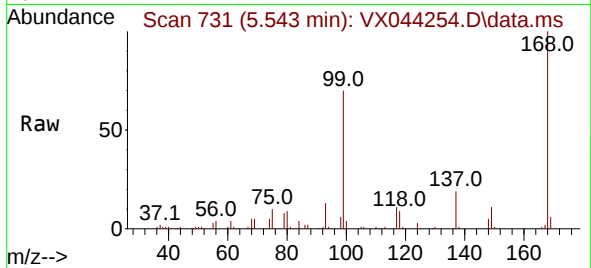
85 47.0 51.6 77.4#



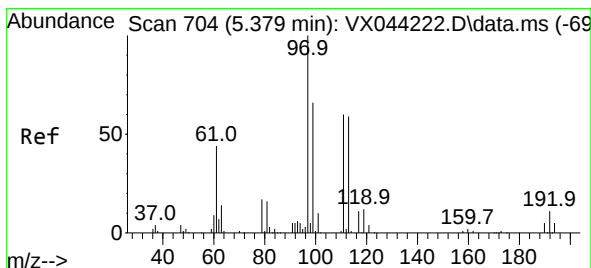
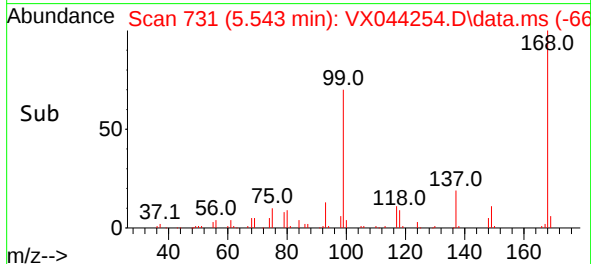
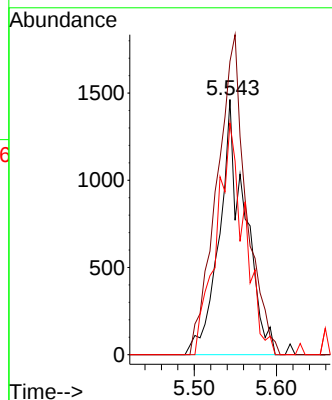


#31
Cyclohexane
Concen: 1.578 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

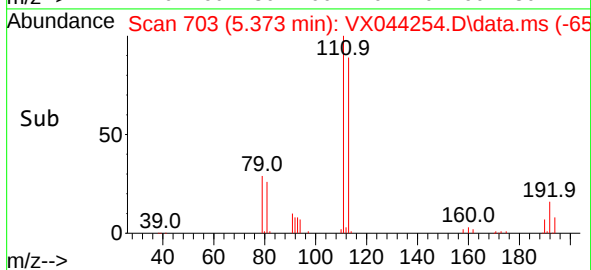
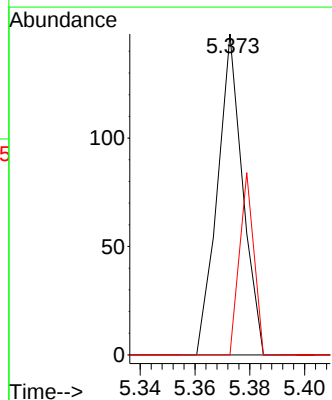
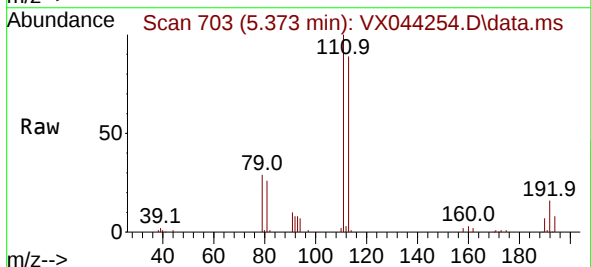


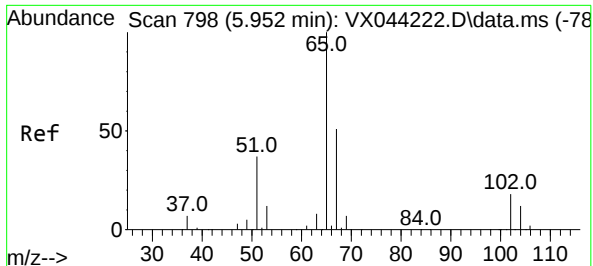
Tgt Ion: 56 Resp: 3168
Ion Ratio Lower Upper
56 100
69 115.0 24.7 37.1#
84 90.8 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 0.041 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 97 Resp: 94
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: 50.449 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

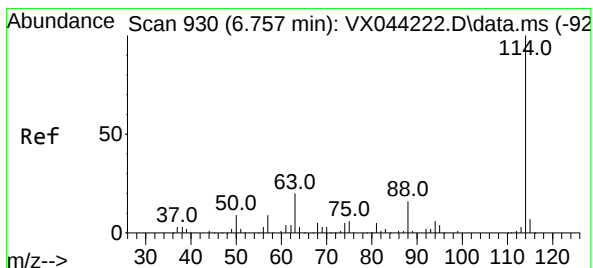
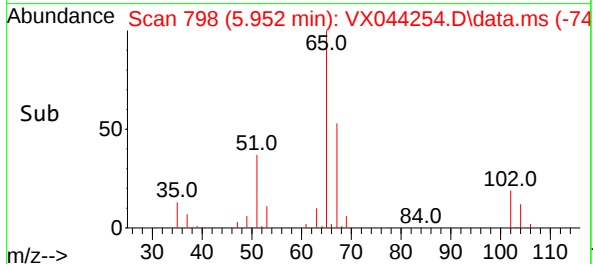
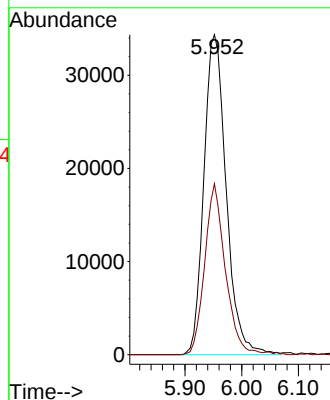
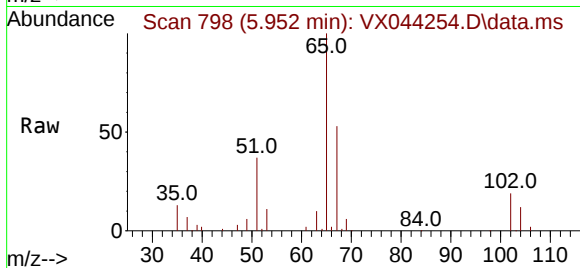
RE103D1-20241209

Tgt Ion: 65 Resp: 93845

Ion Ratio Lower Upper

65 100

67 49.7 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: VX044254.D

Acq: 12 Dec 2024 15:55

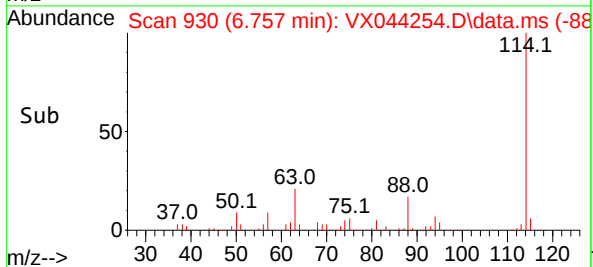
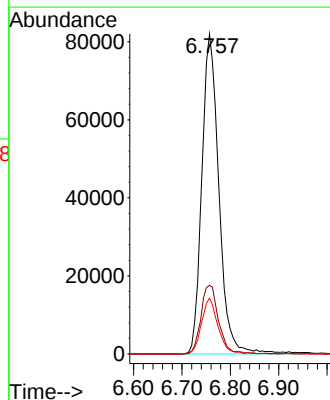
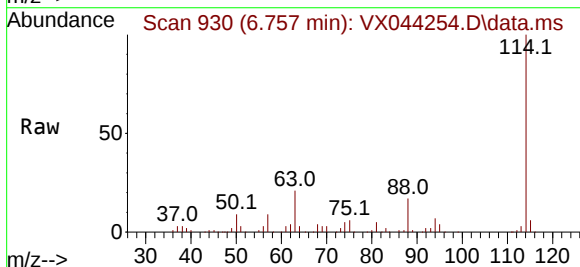
Tgt Ion: 114 Resp: 200682

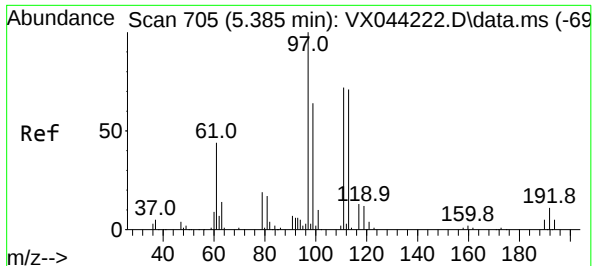
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

88 17.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.509 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX044254.D

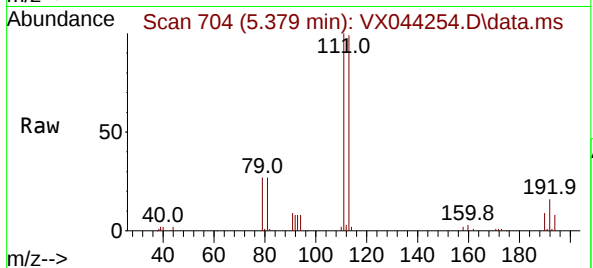
Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209



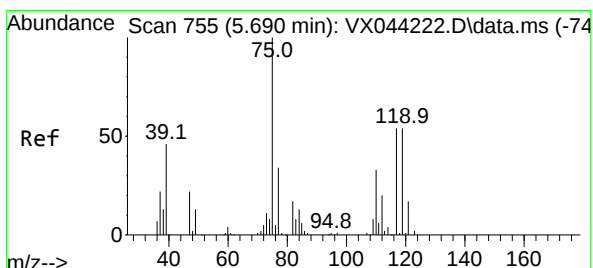
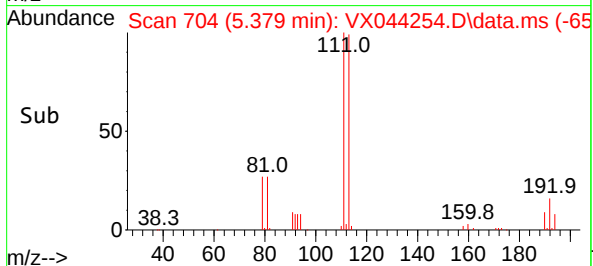
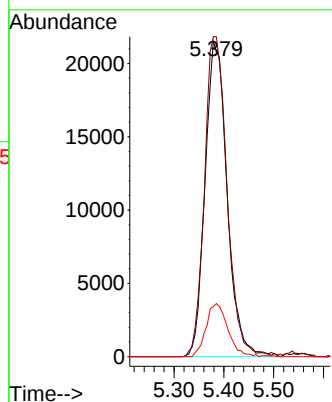
Tgt Ion:113 Resp: 66033

Ion Ratio Lower Upper

113 100

111 103.6 80.4 120.6

192 16.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.715 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.147 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

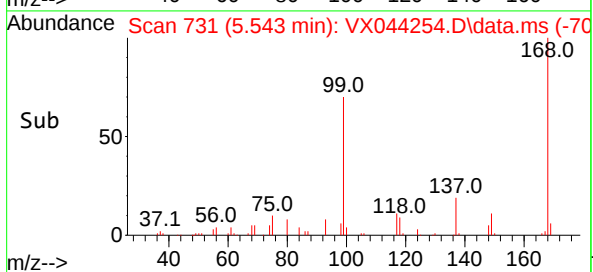
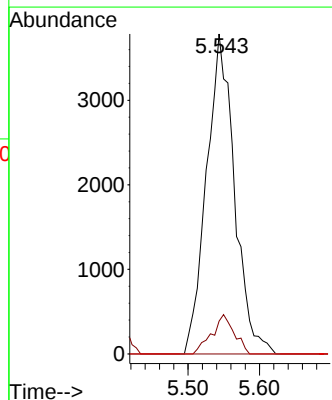
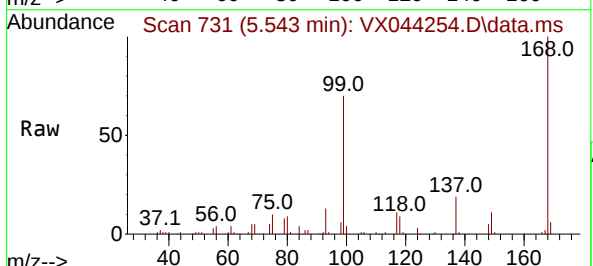
Tgt Ion: 75 Resp: 10267

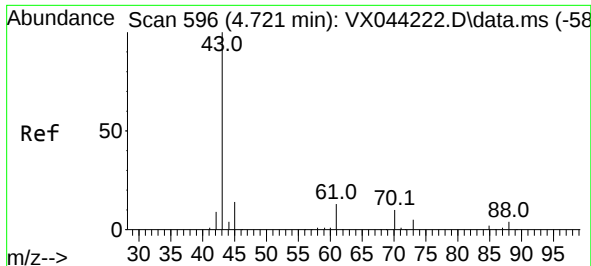
Ion Ratio Lower Upper

75 100

110 9.8 17.3 51.7#

77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 0.022 ug/l

RT: 4.830 min Scan# 61

Delta R.T. 0.109 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209

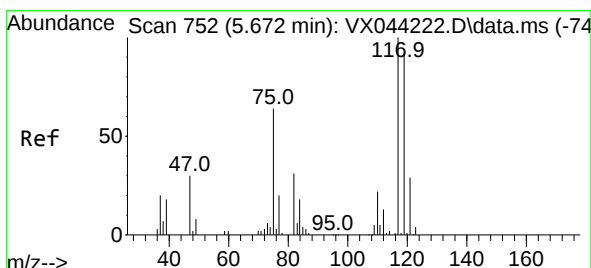
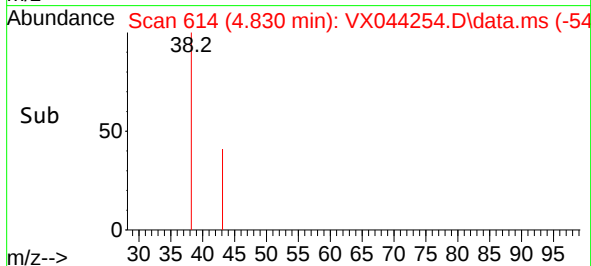
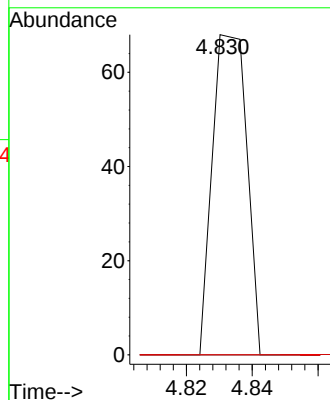
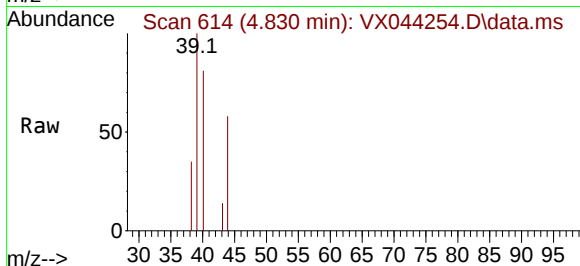
Tgt Ion: 43 Resp: 49

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 7.7 11.5#



#38

Carbon Tetrachloride

Concen: 0.225 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

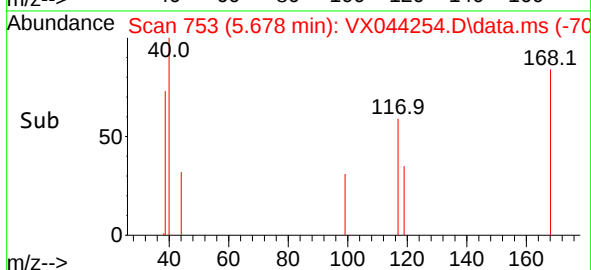
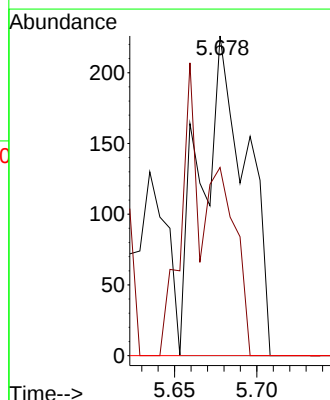
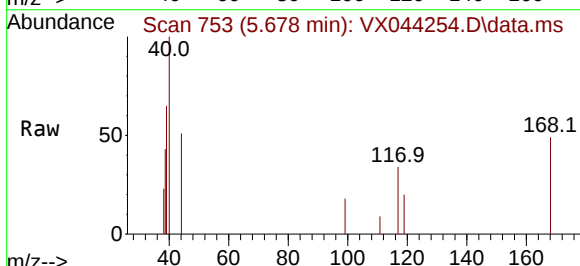
Tgt Ion: 117 Resp: 435

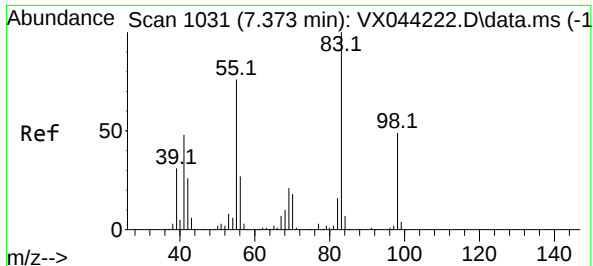
Ion Ratio Lower Upper

117 100

119 58.8 74.2 111.4#

121 0.0 23.0 34.6#





#39

Methylcyclohexane

Concen: 5.072 ug/l

RT: 7.116 min Scan# 91

Delta R.T. -0.256 min

Lab File: VX044254.D

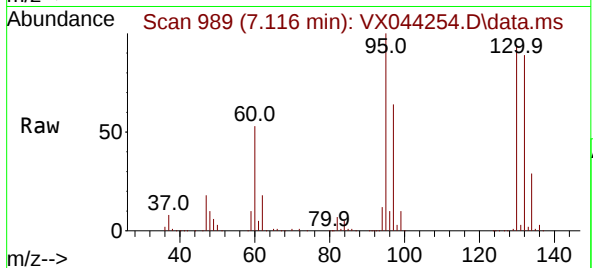
Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209



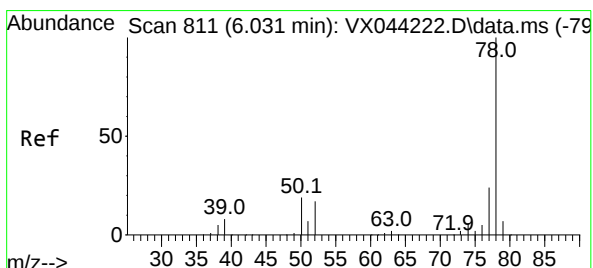
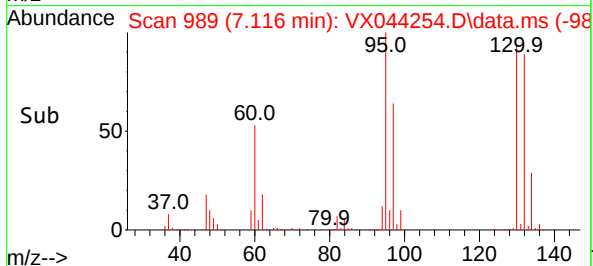
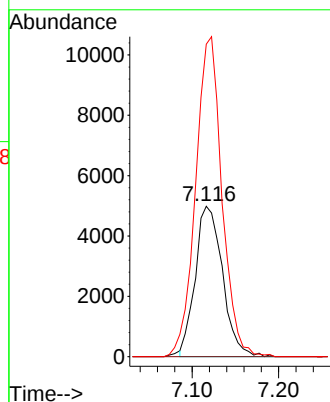
Tgt Ion: 83 Resp: 10893

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 204.0 38.9 58.3#



#40

Benzene

Concen: 0.039 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX044254.D

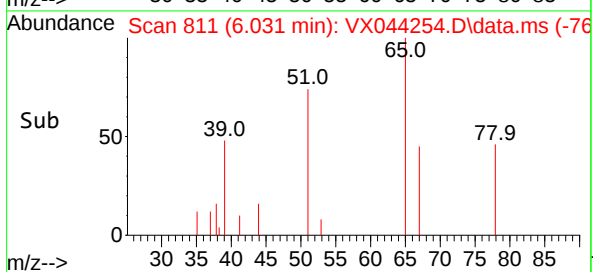
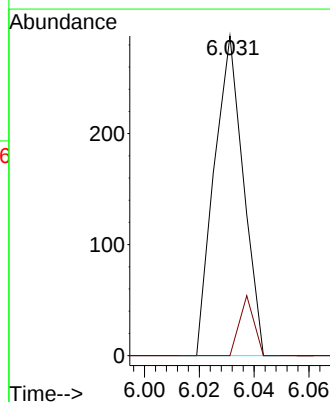
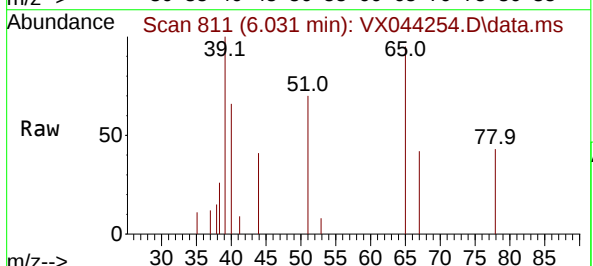
Acq: 12 Dec 2024 15:55

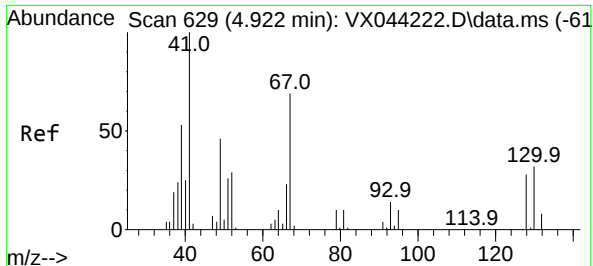
Tgt Ion: 78 Resp: 212

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#

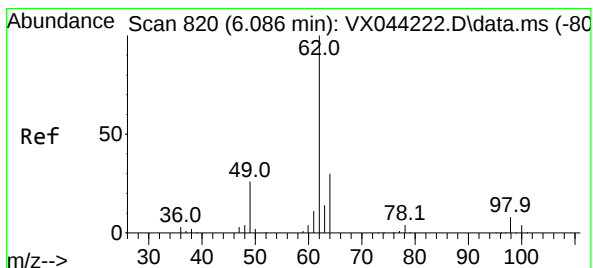
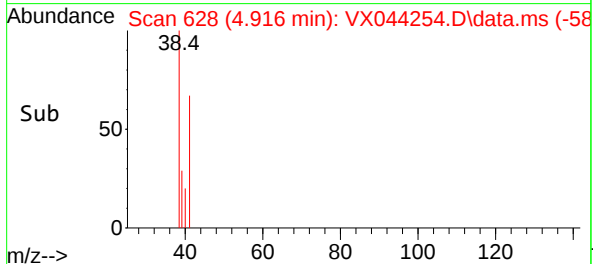
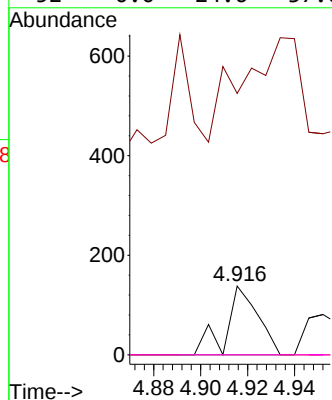
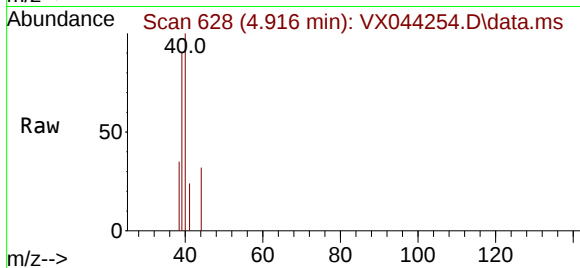




#41
Methacrylonitrile
Concen: 0.110 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

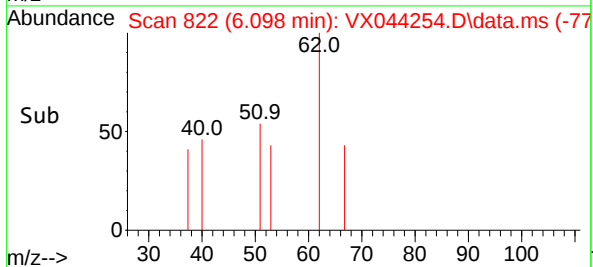
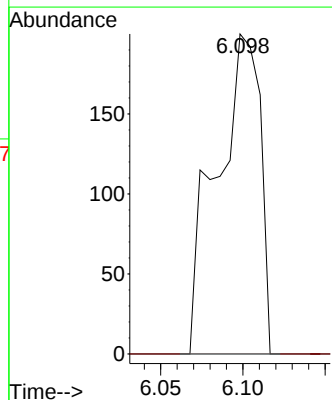
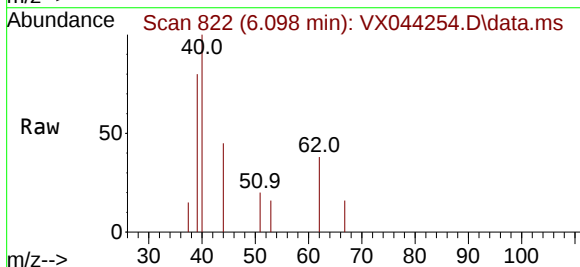
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

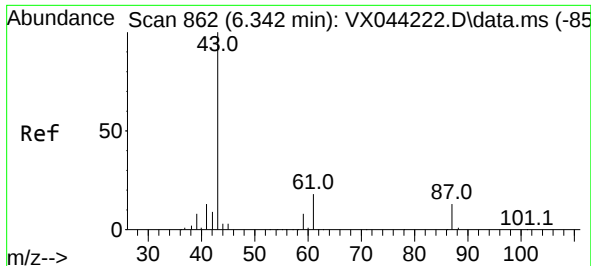
Tgt Ion: 41	Resp:	130
Ion	Ratio	Lower Upper
41	100	
39	0.0	44.2 66.4#
67	0.0	57.2 85.8#
52	0.0	24.6 37.0#



#42
1,2-Dichloroethane
Concen: 0.164 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 62	Resp:	369
Ion	Ratio	Lower Upper
62	100	
98	0.0	0.0 15.8

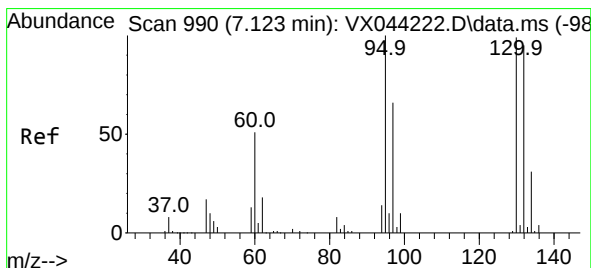
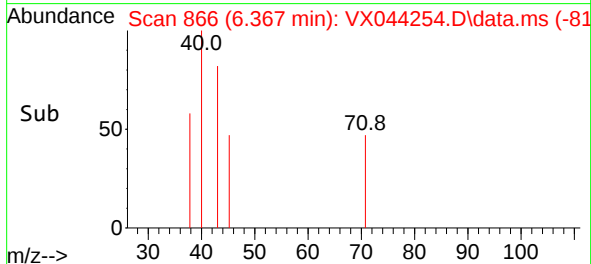
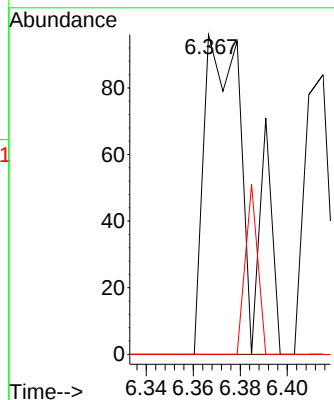
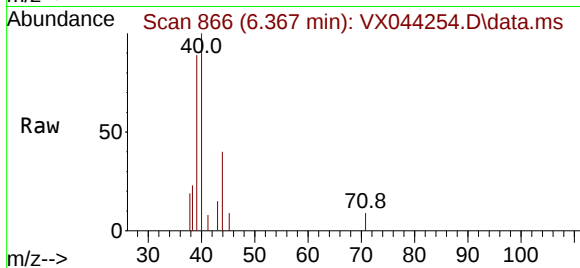




#43
Isopropyl Acetate
Concen: 0.036 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.024 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

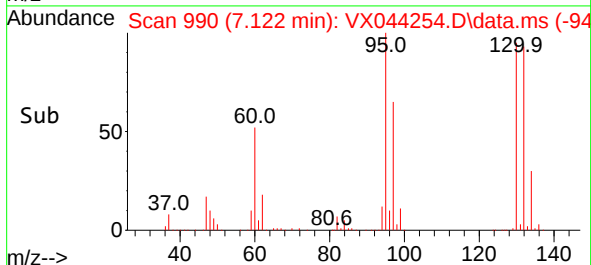
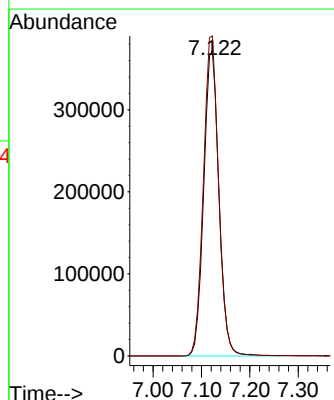
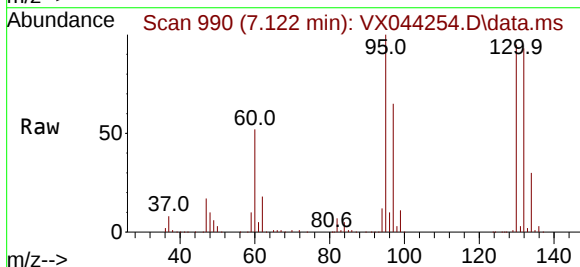
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

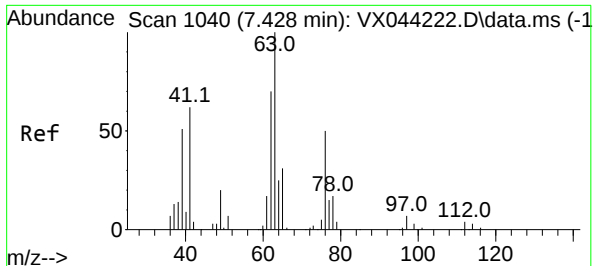
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.2#
87 15.3 10.2 15.2#



#44
Trichloroethene
Concen: 598.378 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion:130 Resp: 813979
Ion Ratio Lower Upper
130 100
95 104.8 0.0 201.4





#45

1,2-Dichloropropane

Concen: 0.063 ug/l

RT: 7.439 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

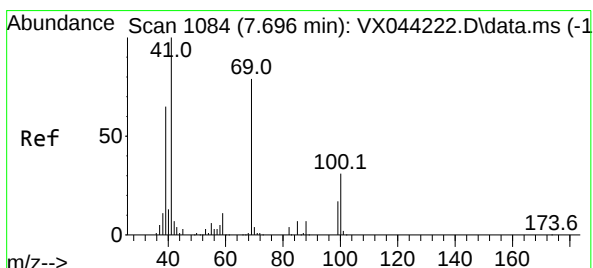
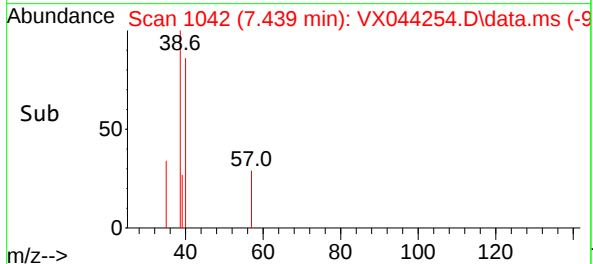
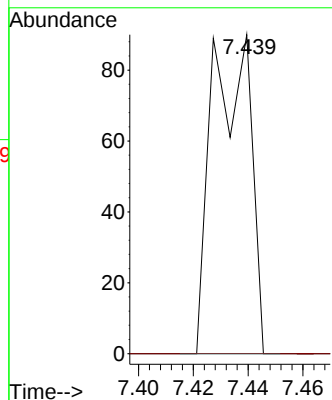
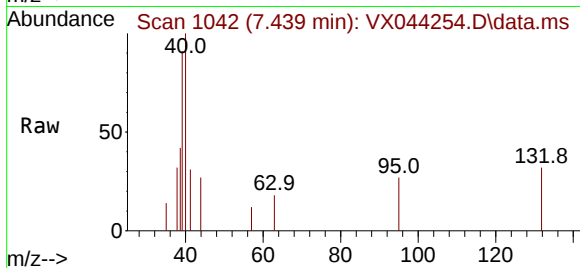
RE103D1-20241209

Tgt Ion: 63 Resp: 88

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 0.023 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.018 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

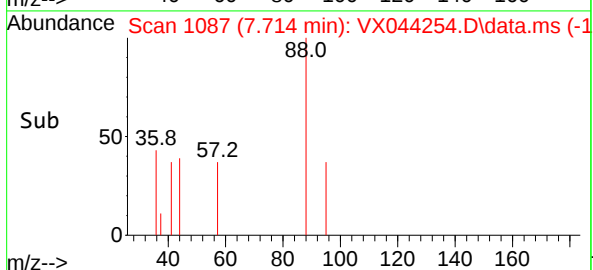
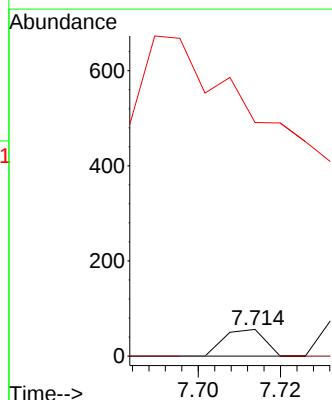
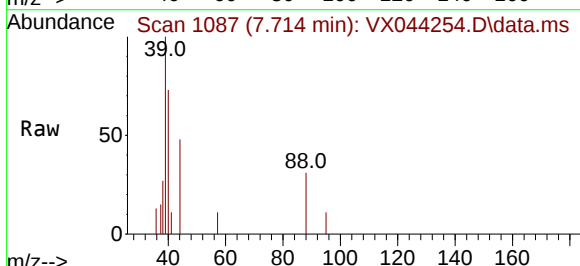
Tgt Ion: 41 Resp: 39

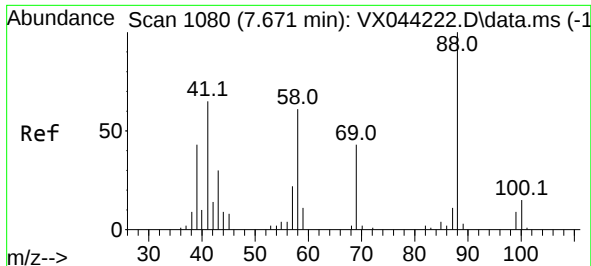
Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 0.0 53.3 79.9#





#49

1,4-Dioxane

Concen: 19.437 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.024 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209

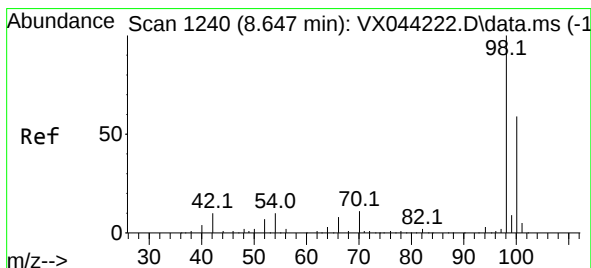
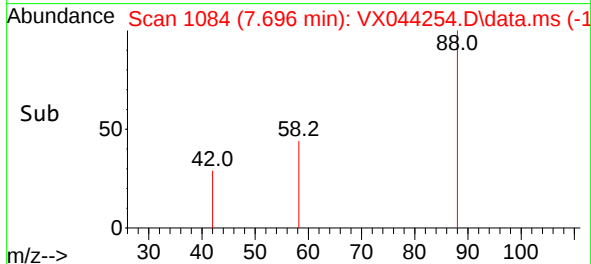
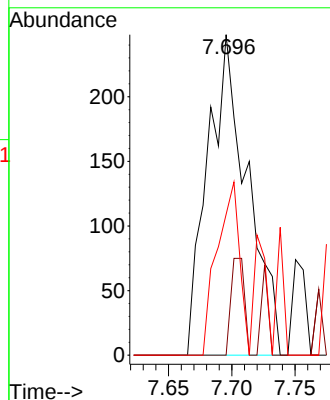
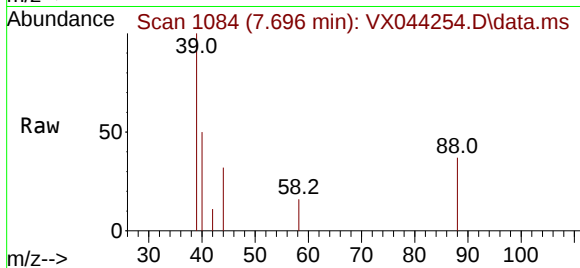
Tgt Ion: 88 Resp: 543

Ion Ratio Lower Upper

88 100

43 10.1 27.1 40.7#

58 30.4 41.0 61.4#



#50

Toluene-d8

Concen: 51.520 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044254.D

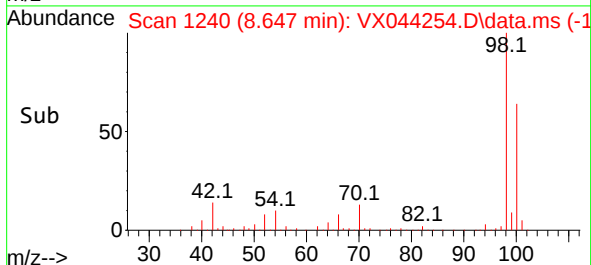
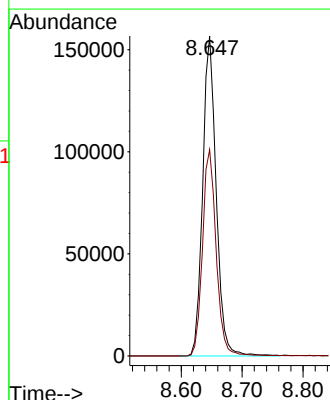
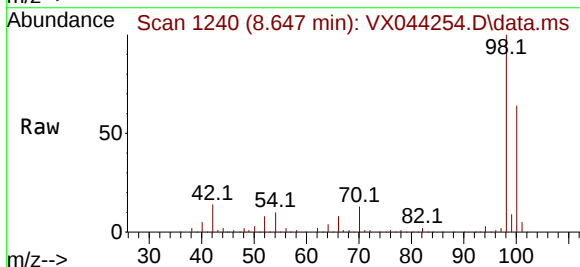
Acq: 12 Dec 2024 15:55

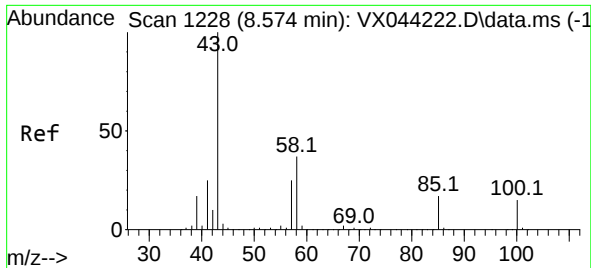
Tgt Ion: 98 Resp: 241583

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3

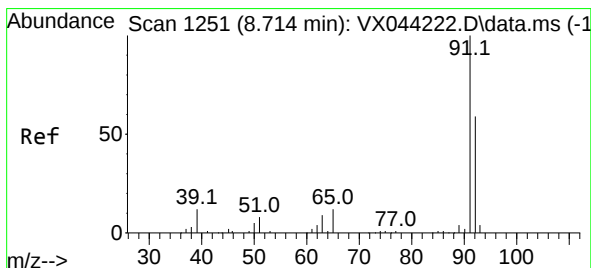
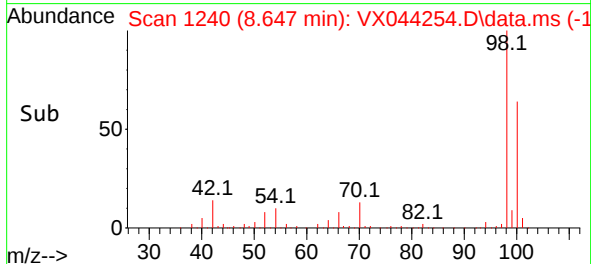
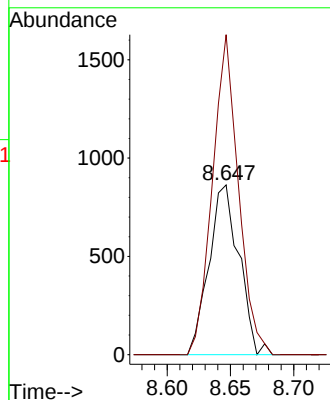
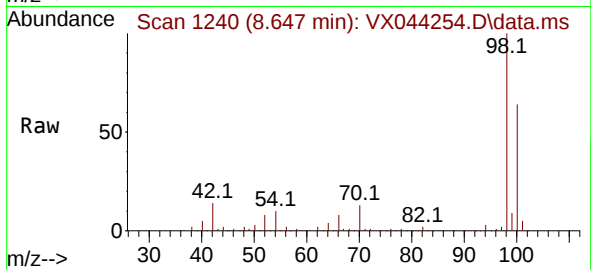




#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

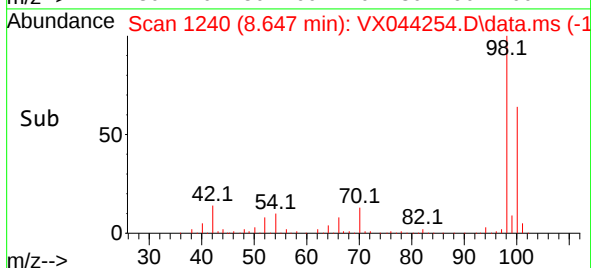
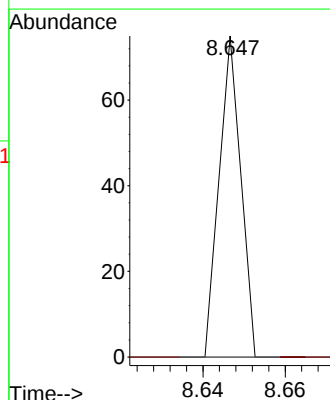
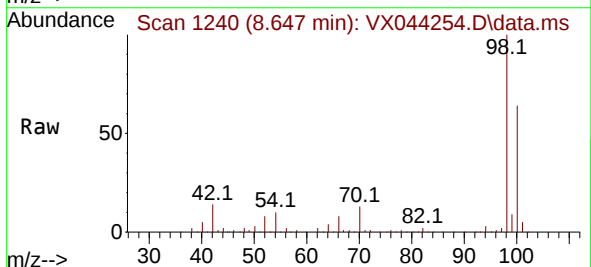
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

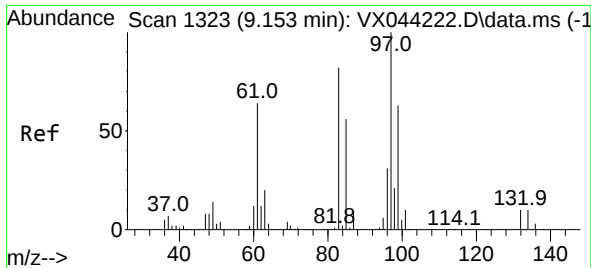
Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 163.4 29.4 44.0#



#52
Toluene
Concen: 0.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.067 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 92 Resp: 27
Ion Ratio Lower Upper
92 100
91 0.0 137.0 205.6#

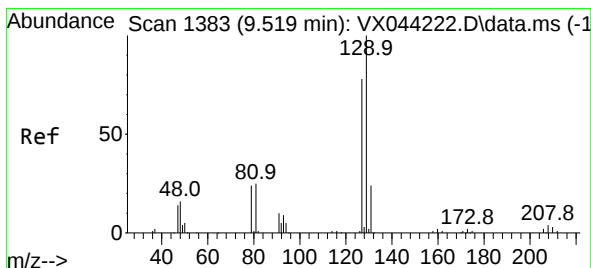
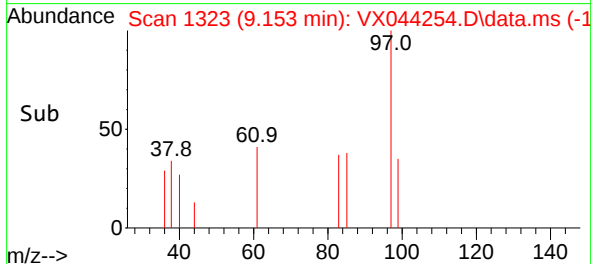
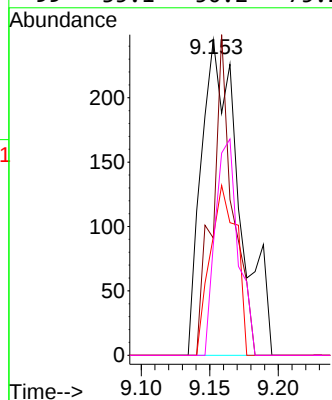
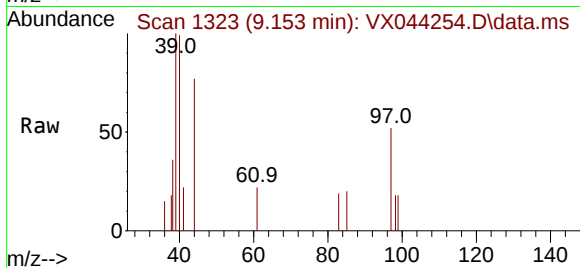




#55
 1,1,2-Trichloroethane
 Concen: 0.345 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044254.D
 Acq: 12 Dec 2024 15:55

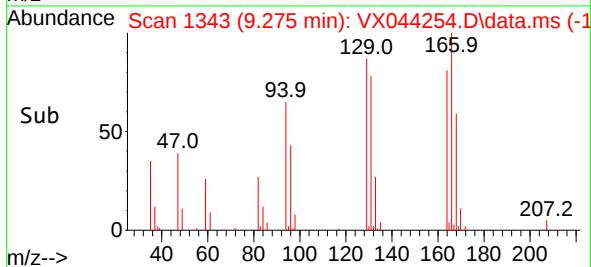
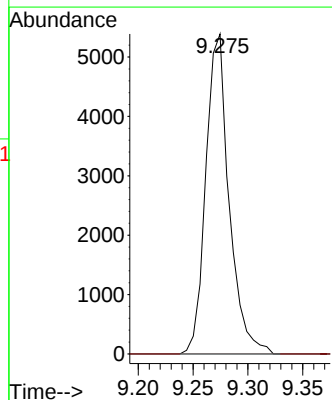
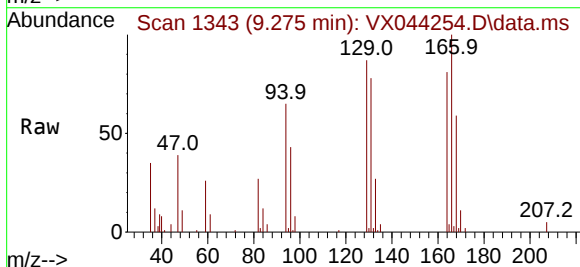
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20241209

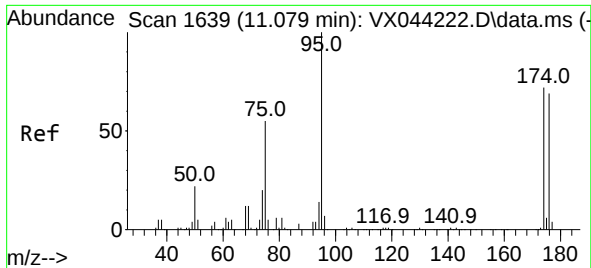
Tgt Ion: 97	Resp: 469
Ion Ratio	Lower Upper
97 100	
83 37.1	65.3 97.9#
85 37.6	44.6 67.0#
99 35.1	50.2 75.2#



#60
 Dibromochloromethane
 Concen: 6.839 ug/l
 RT: 9.275 min Scan# 1343
 Delta R.T. -0.244 min
 Lab File: VX044254.D
 Acq: 12 Dec 2024 15:55

Tgt Ion:129	Resp:	7963	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

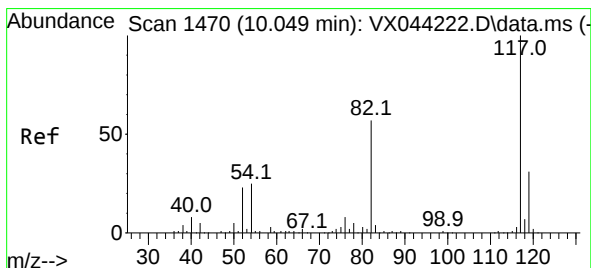
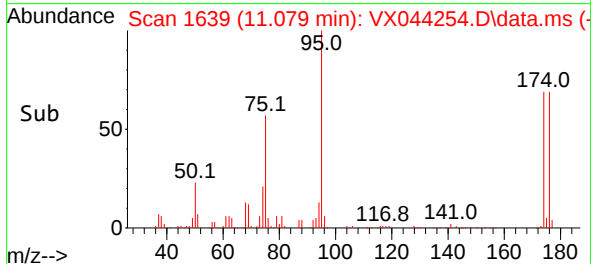
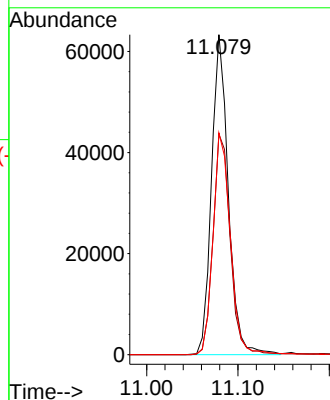
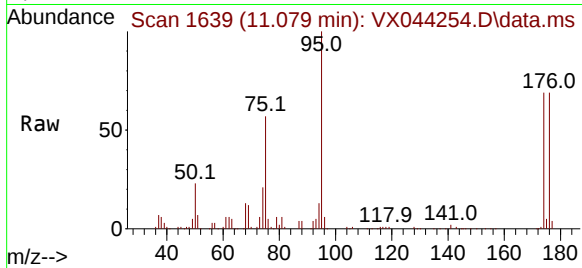




#62
4-Bromofluorobenzene
Concen: 49.408 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

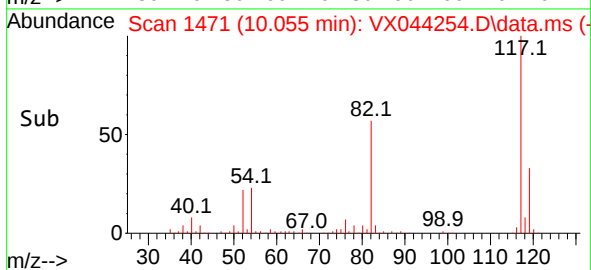
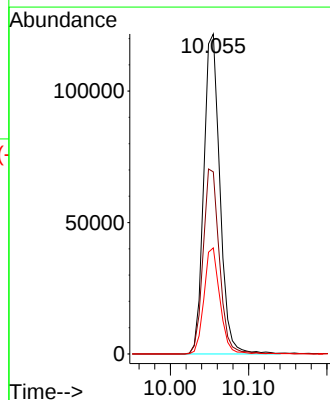
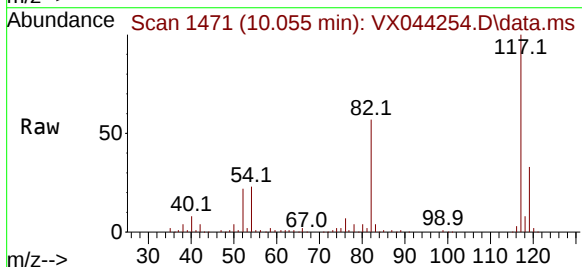
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

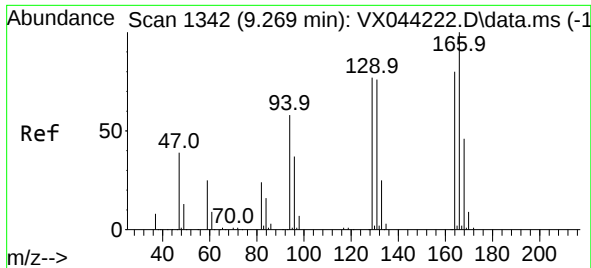
Tgt Ion: 95 Resp: 80955
Ion Ratio Lower Upper
95 100
174 70.9 0.0 145.8
176 71.7 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 117 Resp: 173984
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.8
119 33.1 25.0 37.4





#64

Tetrachloroethene

Concen: 6.508 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044254.D

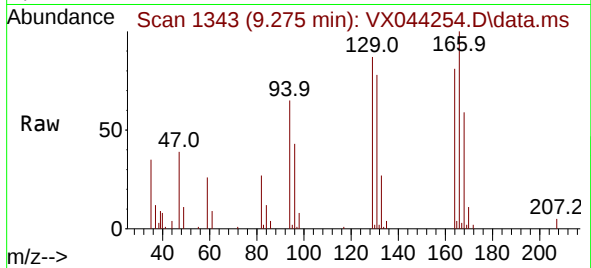
Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209



Tgt Ion:164 Resp: 7515

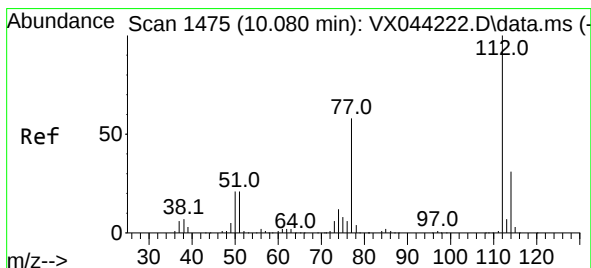
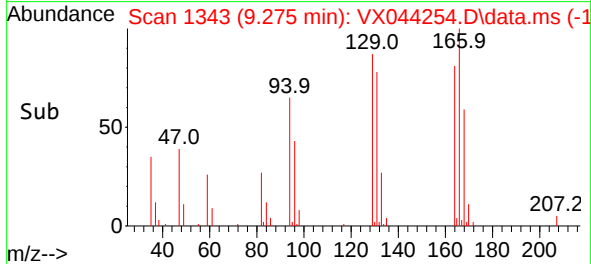
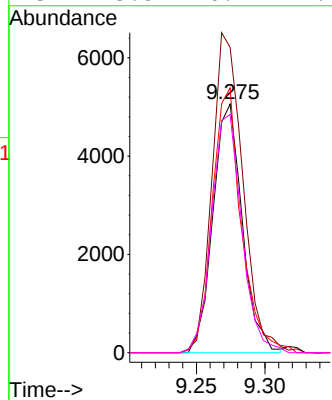
Ion Ratio Lower Upper

164 100

166 122.8 100.4 150.6

129 106.5 77.2 115.8

131 95.8 76.2 114.2



#65

Chlorobenzene

Concen: 0.015 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044254.D

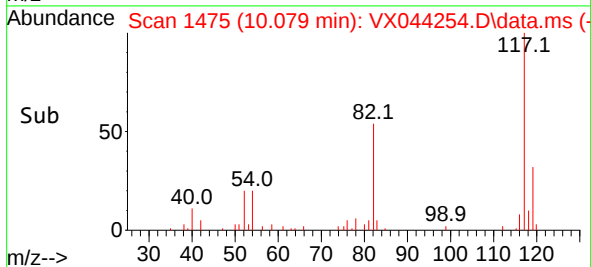
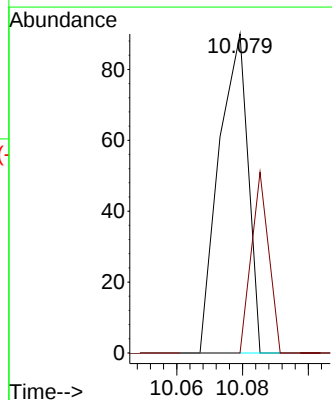
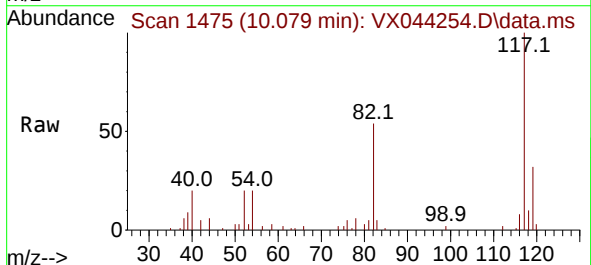
Acq: 12 Dec 2024 15:55

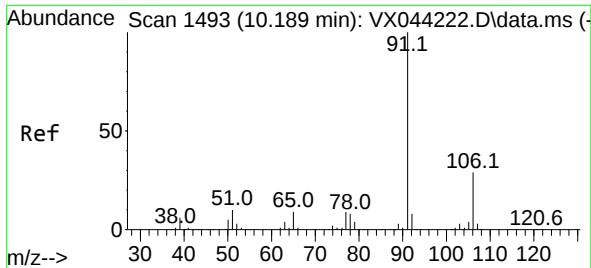
Tgt Ion:112 Resp: 55

Ion Ratio Lower Upper

112 100

114 0.0 25.0 37.6#

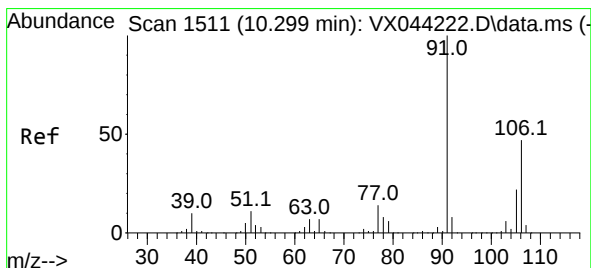
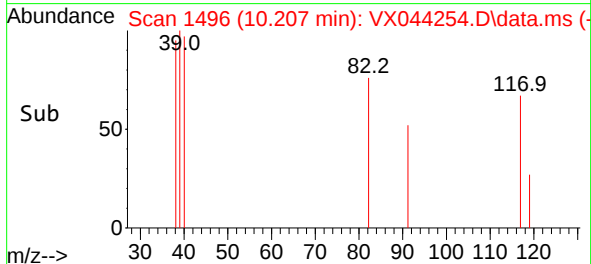
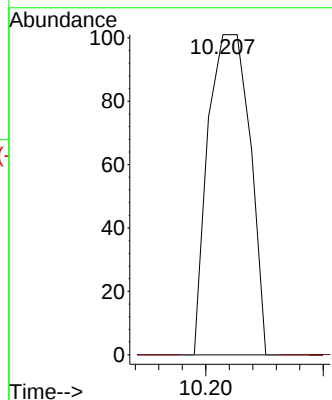
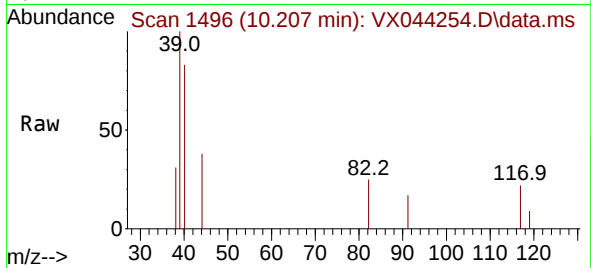




#67
Ethyl Benzene
Concen: 0.019 ug/l
RT: 10.207 min Scan# 1493
Delta R.T. 0.018 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

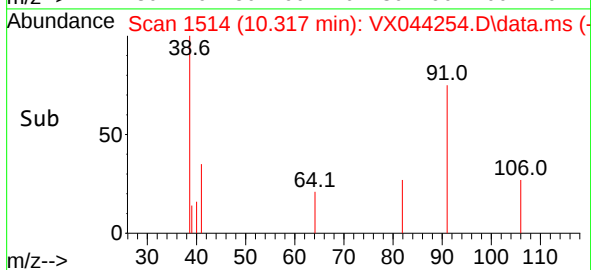
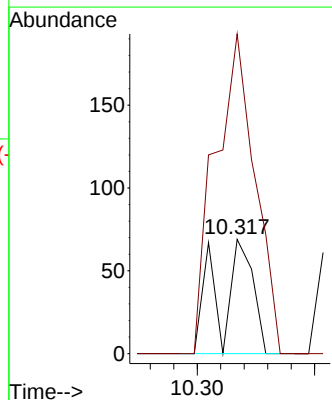
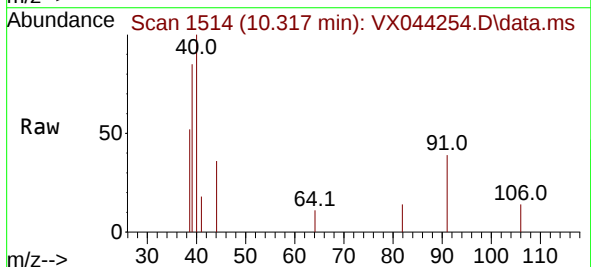
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

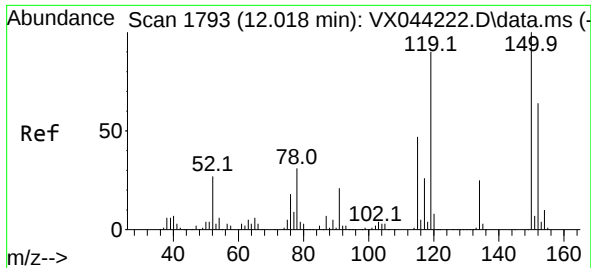
Tgt Ion: 91 Resp: 125
Ion Ratio Lower Upper
91 100
106 0.0 23.5 35.3#



#68
m/p-Xylenes
Concen: 0.029 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.018 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion:106 Resp: 68
Ion Ratio Lower Upper
106 100
91 336.8 170.2 255.2#

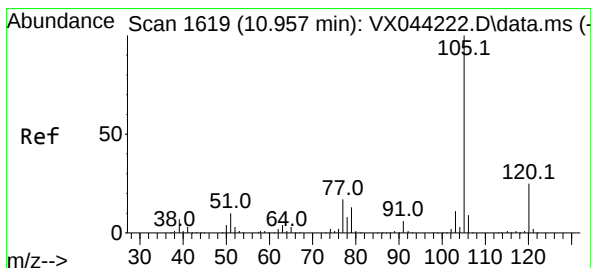
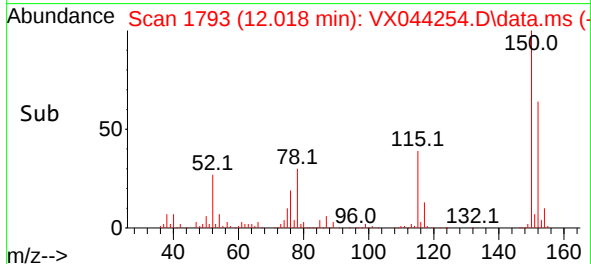
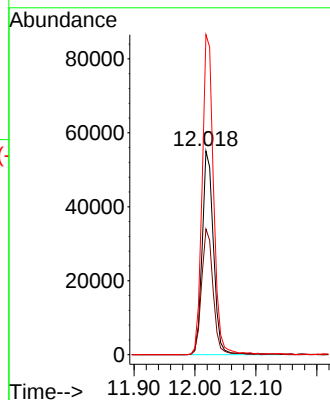
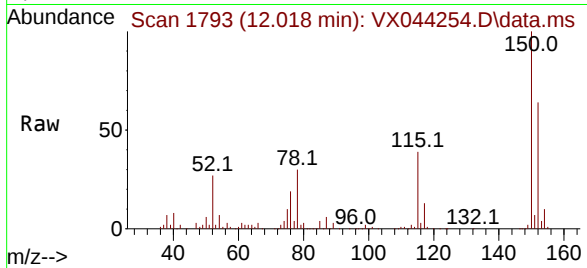




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044254.D
 Acq: 12 Dec 2024 15:55

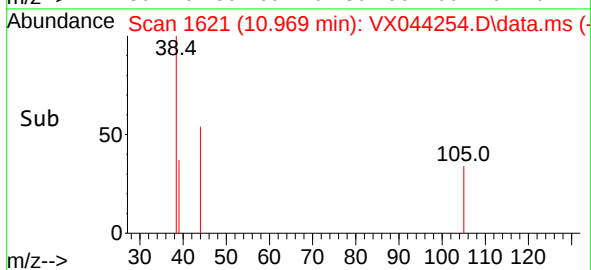
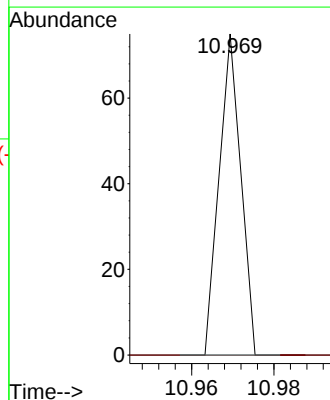
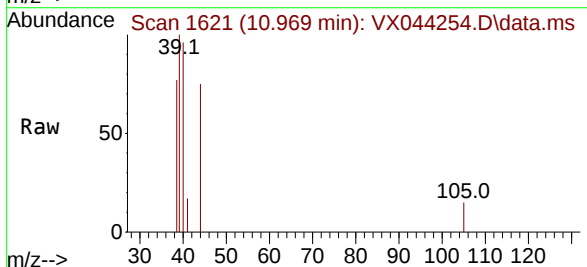
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20241209

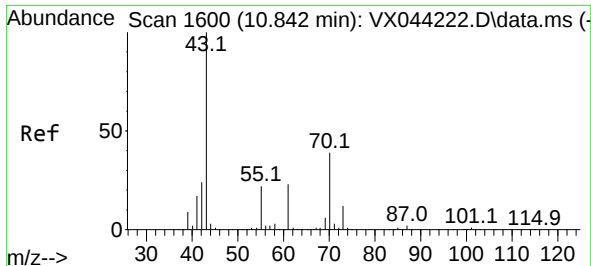
Tgt Ion:152 Resp: 71217
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.5 133.3
 150 158.2 0.0 353.8



#73
 Isopropylbenzene
 Concen: 0.005 ug/l
 RT: 10.969 min Scan# 1621
 Delta R.T. 0.012 min
 Lab File: VX044254.D
 Acq: 12 Dec 2024 15:55

Tgt Ion:105 Resp: 27
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.1 39.3#

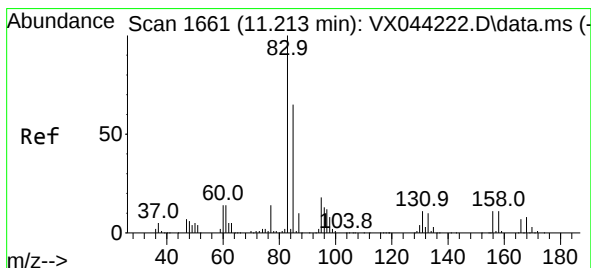
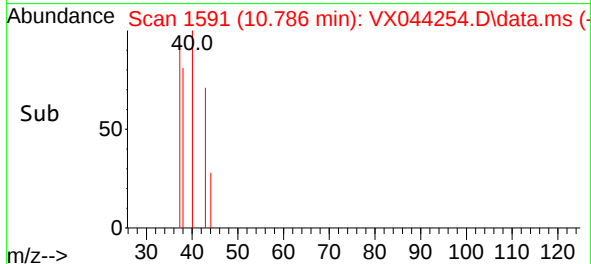
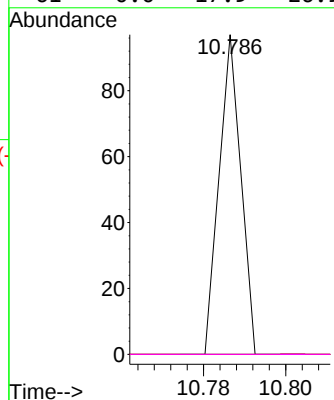
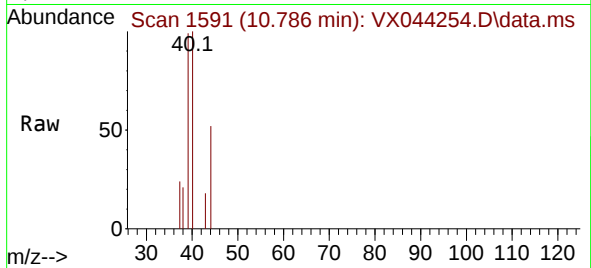




#74
N-amy1 acetate
Concen: 0.014 ug/l
RT: 10.786 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

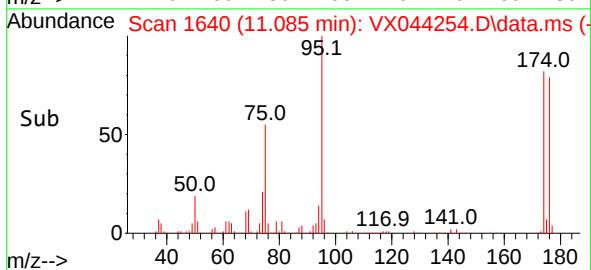
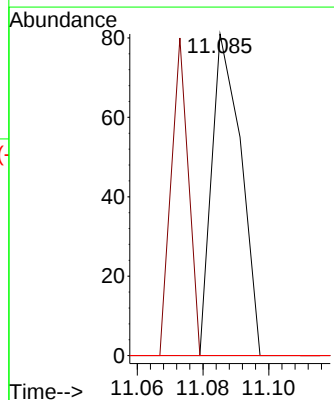
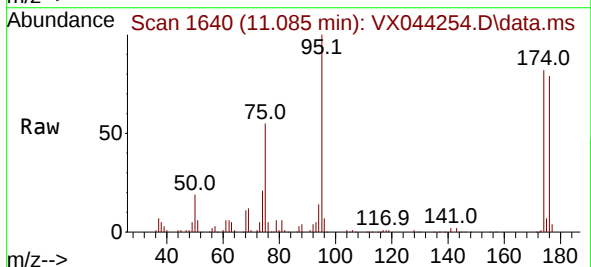
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

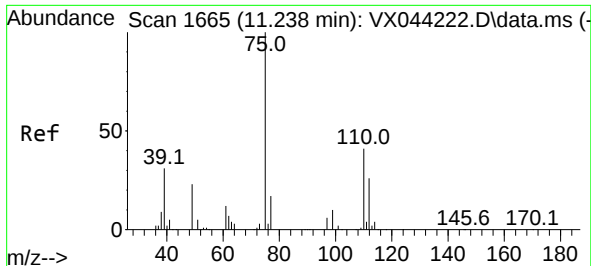
Tgt Ion:	43	Resp:	36
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.9	47.9#
55	0.0	17.9	26.9#
61	0.0	17.9	26.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.026 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion:	83	Resp:	50
Ion	Ratio	Lower	Upper
83	100		
131	58.0	5.1	15.4#
85	0.0	32.5	97.4#

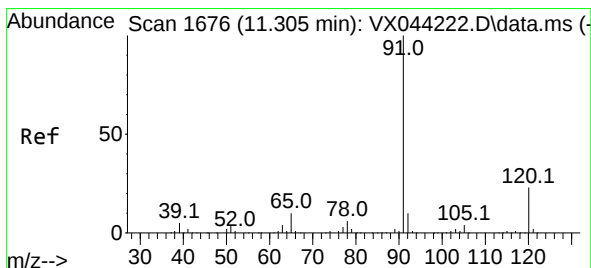
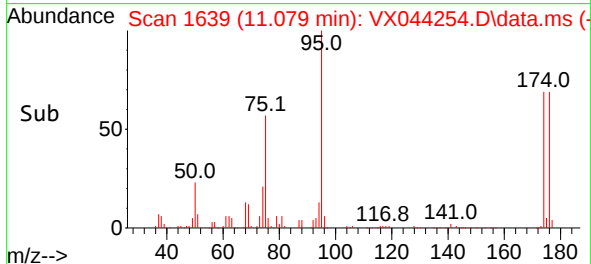
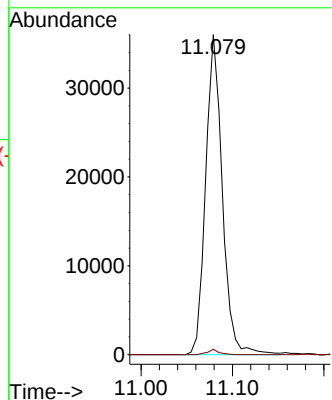
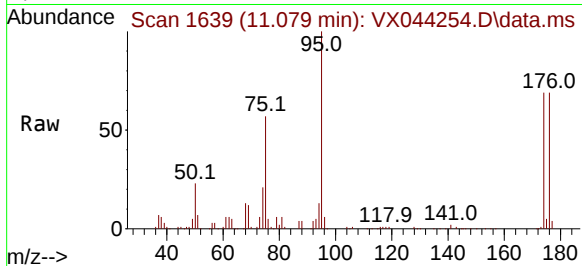




#76
1,2,3-Trichloropropane
Concen: 28.627 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

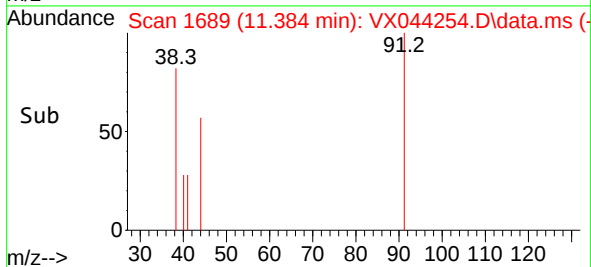
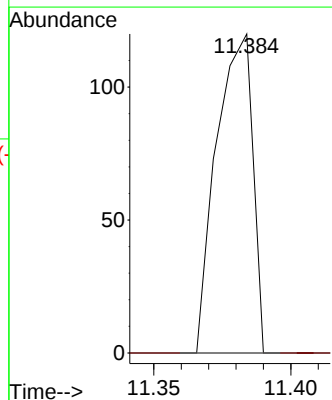
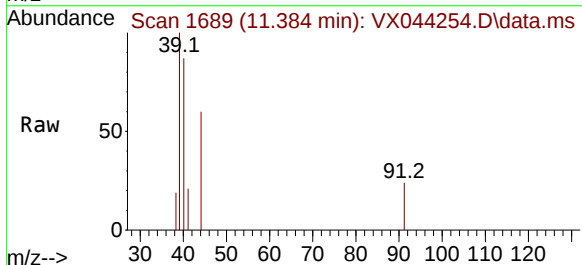
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

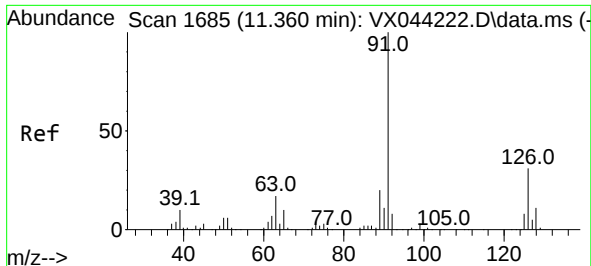
Tgt Ion: 75 Resp: 45520
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#78
n-propylbenzene
Concen: 0.018 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.079 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 91 Resp: 110
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#

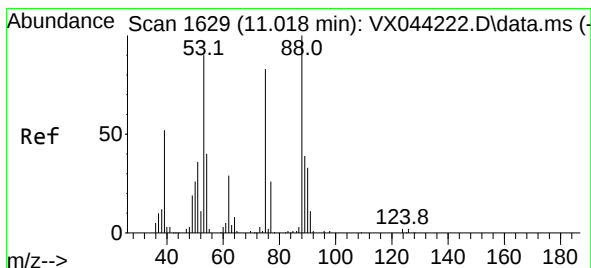
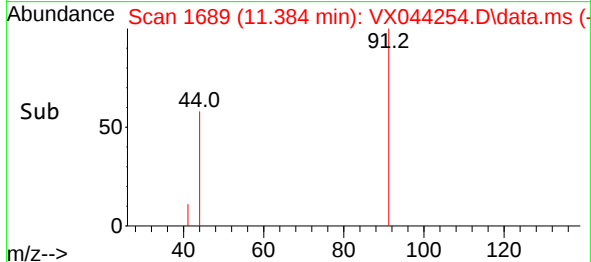
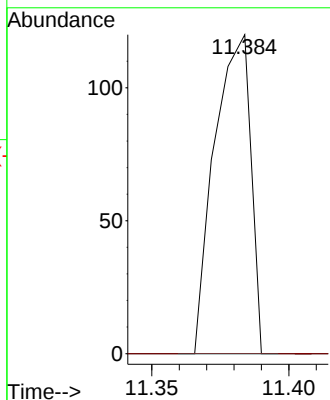
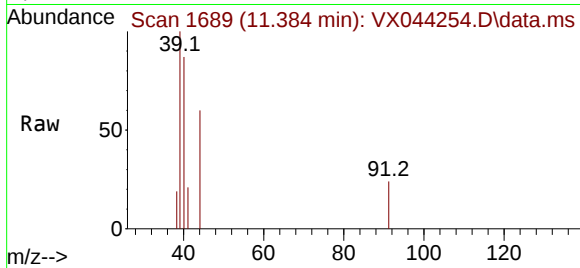




#79
2-Chlorotoluene
Concen: 0.028 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.024 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

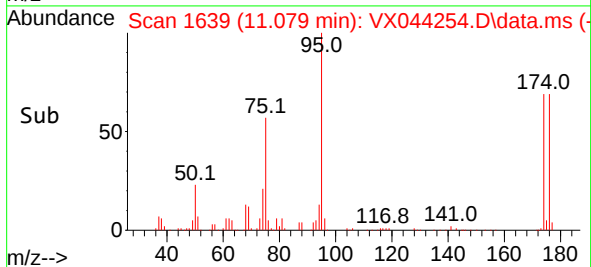
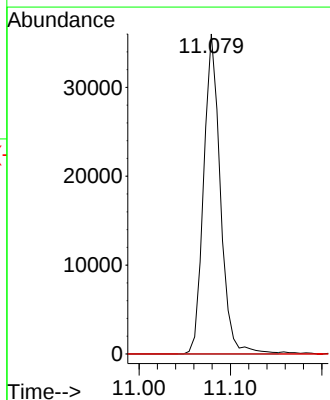
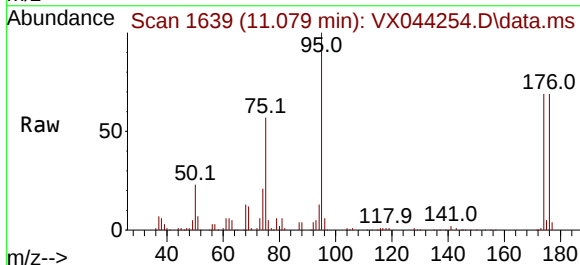
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

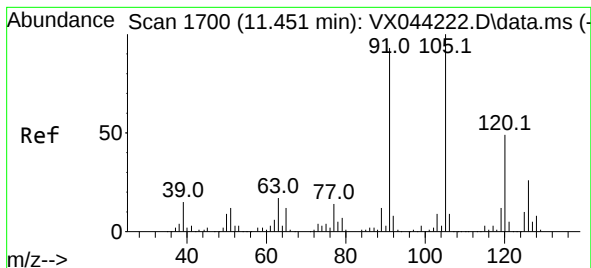
Tgt Ion: 91 Resp: 110
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.457 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion: 75 Resp: 45520
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#





#82

4-Chlorotoluene

Concen: 0.005 ug/l

RT: 11.463 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

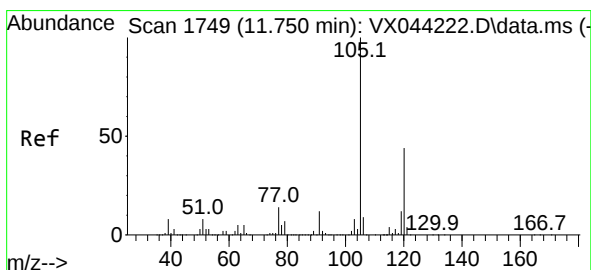
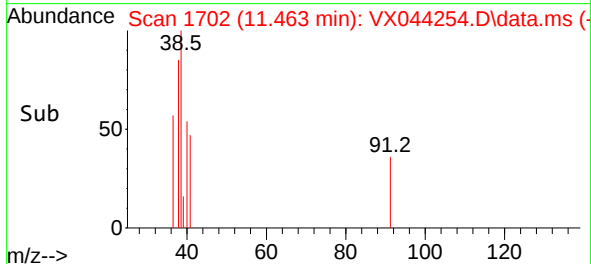
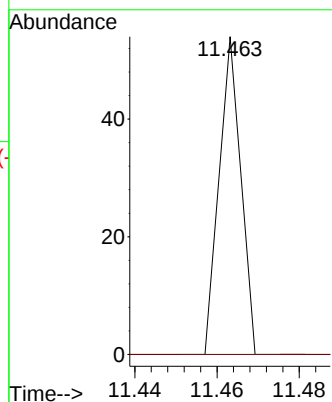
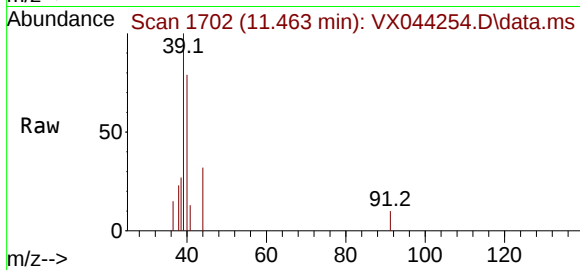
RE103D1-20241209

Tgt Ion: 91 Resp: 20

Ion Ratio Lower Upper

91 100

126 0.0 14.5 43.5#



#84

1,2,4-Trimethylbenzene

Concen: 0.005 ug/l

RT: 11.908 min Scan# 1775

Delta R.T. 0.158 min

Lab File: VX044254.D

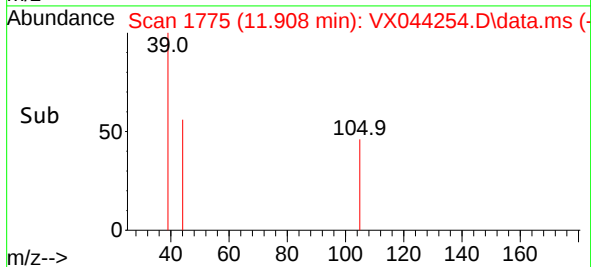
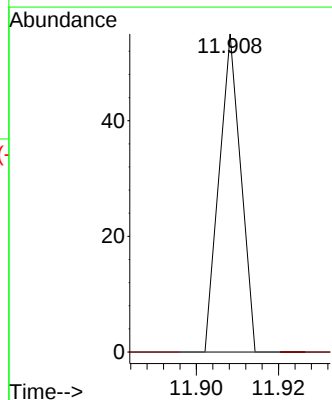
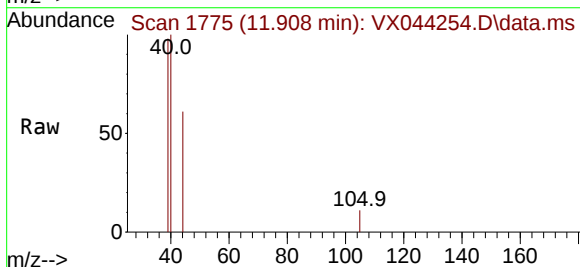
Acq: 12 Dec 2024 15:55

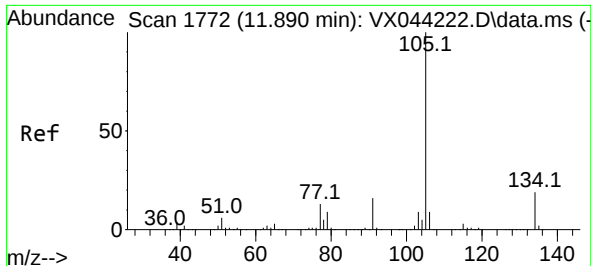
Tgt Ion: 105 Resp: 20

Ion Ratio Lower Upper

105 100

120 0.0 21.7 65.1#

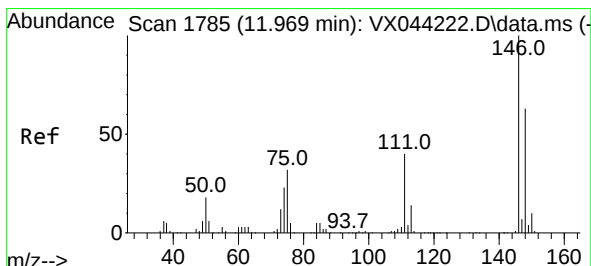
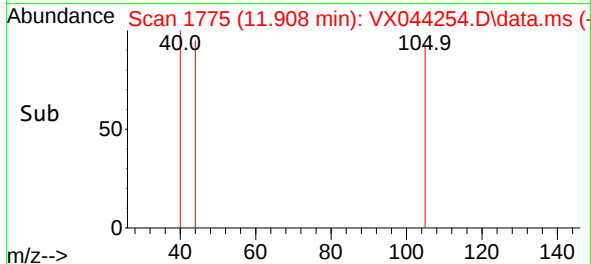
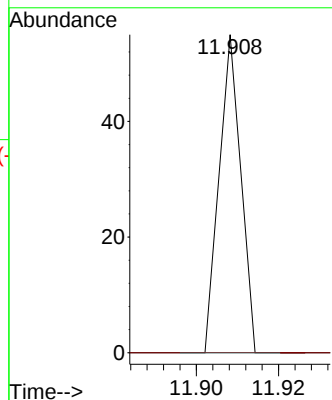
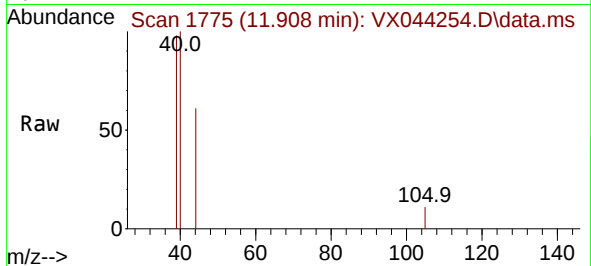




#85
sec-Butylbenzene
Concen: 0.004 ug/l
RT: 11.908 min Scan# 1775
Delta R.T. 0.018 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

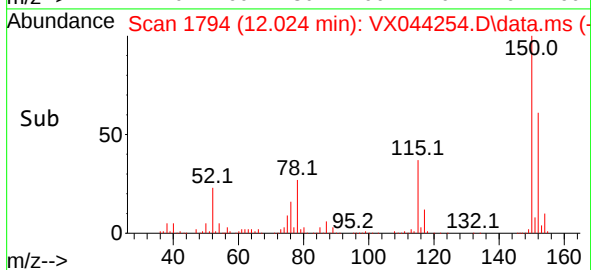
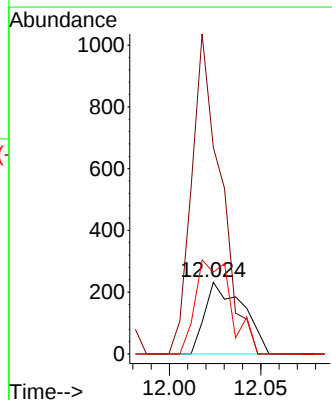
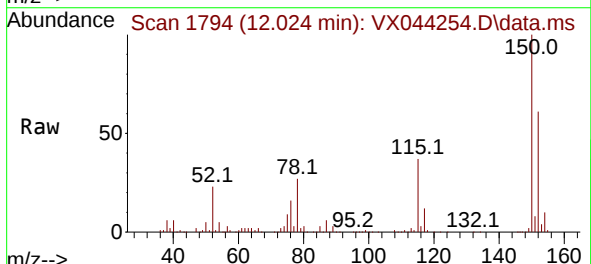
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209

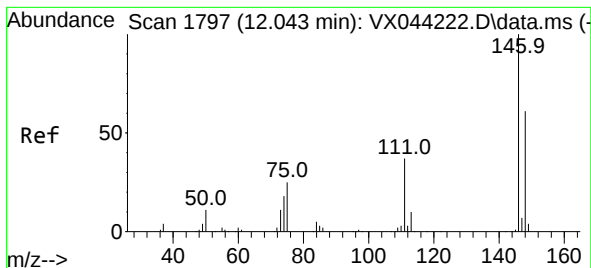
Tgt Ion:105 Resp: 20
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#87
1,3-Dichlorobenzene
Concen: 0.146 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.055 min
Lab File: VX044254.D
Acq: 12 Dec 2024 15:55

Tgt Ion:146 Resp: 337
Ion Ratio Lower Upper
146 100
111 339.8 21.4 64.2#
148 122.8 31.7 95.1#





#88

1,4-Dichlorobenzene

Concen: 0.142 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.019 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209

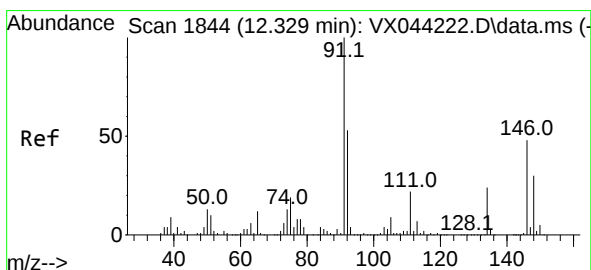
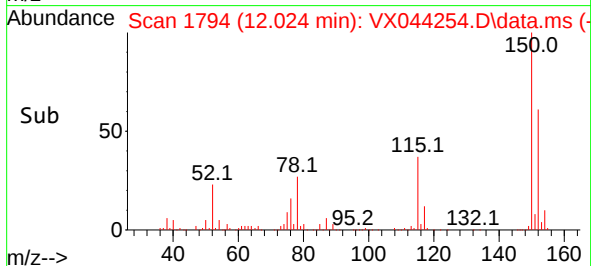
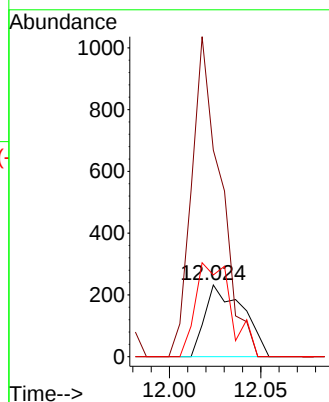
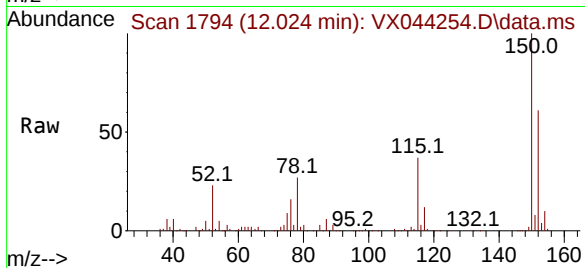
Tgt Ion:146 Resp: 337

Ion Ratio Lower Upper

146 100

111 339.8 21.0 63.0#

148 122.8 32.3 96.8#



#89

n-Butylbenzene

Concen: 0.005 ug/l

RT: 12.146 min Scan# 1814

Delta R.T. -0.183 min

Lab File: VX044254.D

Acq: 12 Dec 2024 15:55

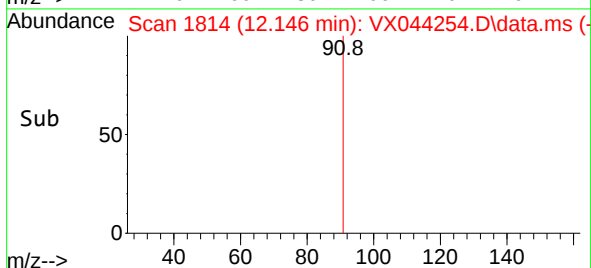
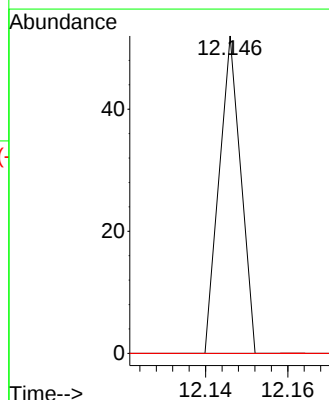
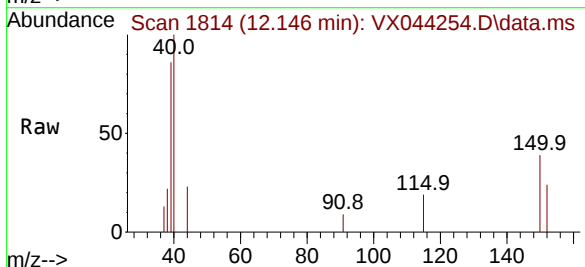
Tgt Ion: 91 Resp: 19

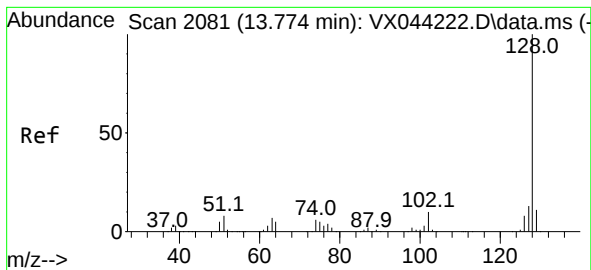
Ion Ratio Lower Upper

91 100

92 0.0 26.6 79.7#

134 0.0 12.6 37.8#





#95

Naphthalene

Concen: 0.029 ug/l

RT: 13.798 min Scan# 20

Delta R.T. 0.024 min

Lab File: VX044254.D

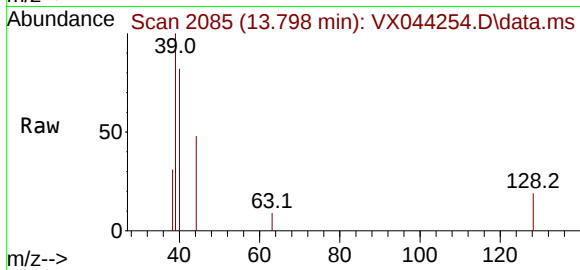
Acq: 12 Dec 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209



Tgt Ion:	128	Resp:	150
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	9.0	13.4#

