

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

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20241209

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

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

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

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

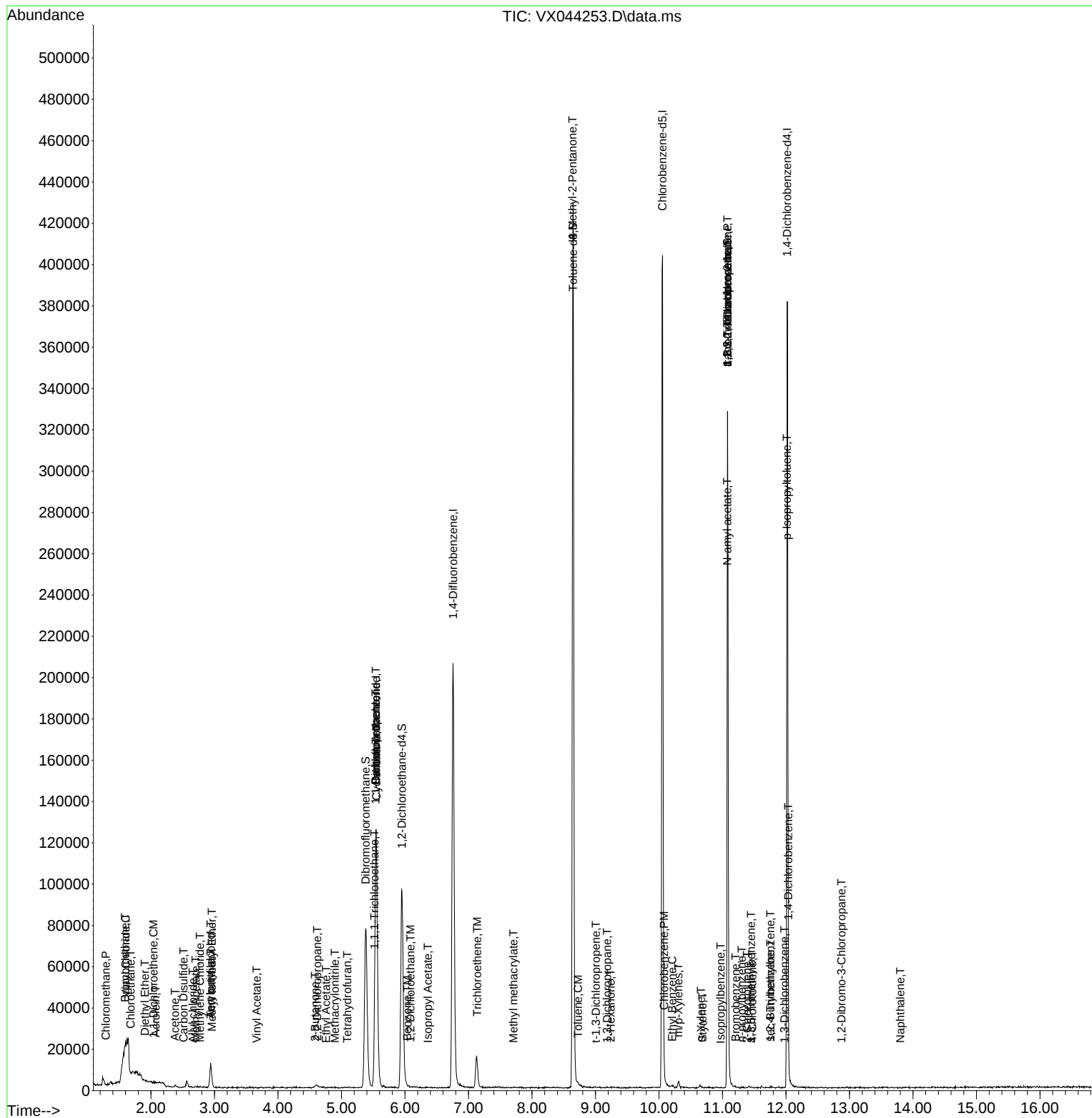
67) Ethyl Benzene	10.208	91	646	0.097	ug/l	93
68) m/p-Xylenes	10.305	106	881	0.362	ug/l	88
69) o-Xylene	10.659	106	376	0.153	ug/l	91
70) Styrene	10.683	104	70	0.018	ug/l #	48
73) Isopropylbenzene	10.970	105	42	0.008	ug/l #	49
74) N-amyl acetate	11.073	43	110	0.043	ug/l #	1
75) 1,1,2,2-Tetrachloroethane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

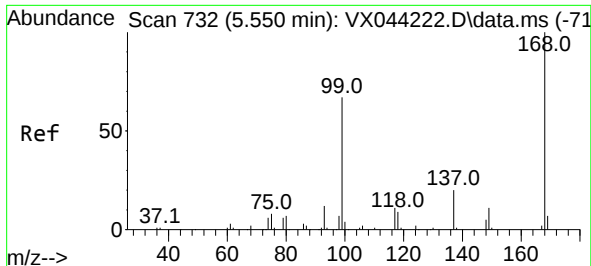
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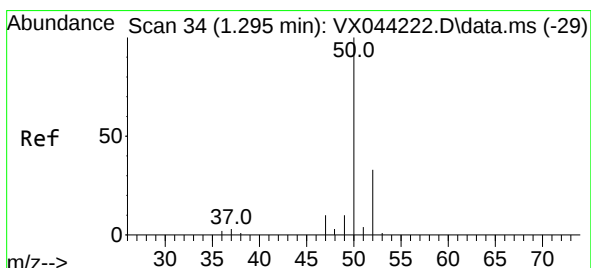
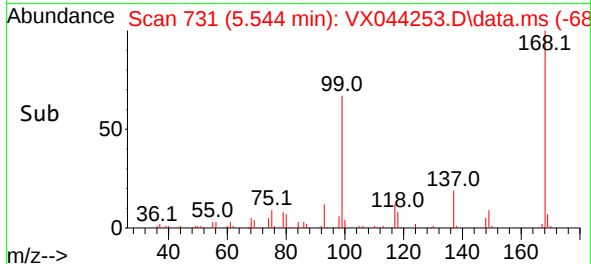
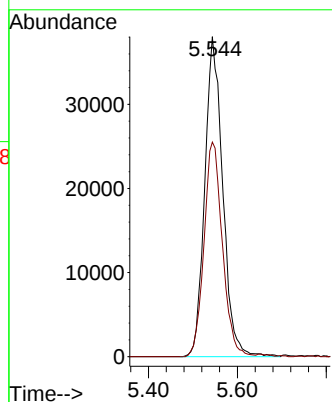
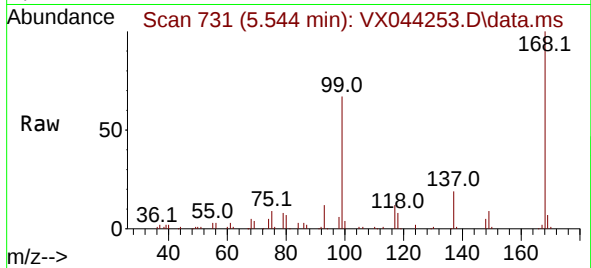




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

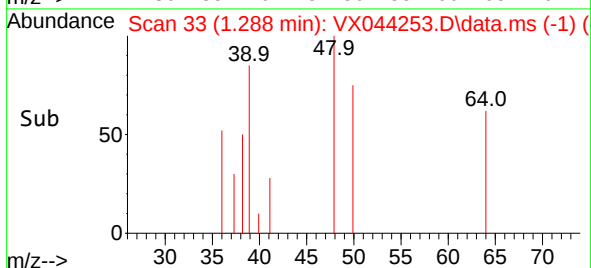
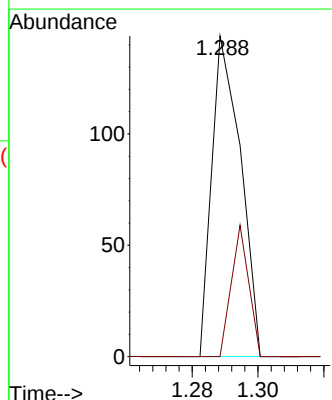
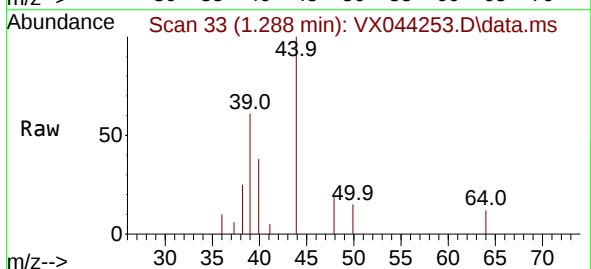
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ClientSampleId :
RE122D3-20241209

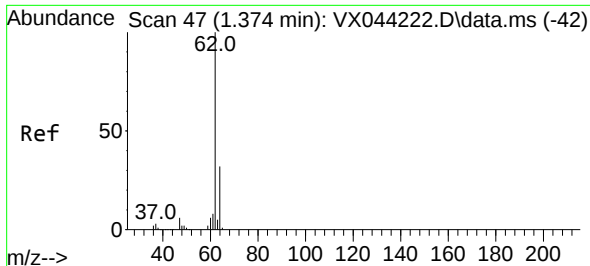
Tgt Ion:168 Resp: 107170
Ion Ratio Lower Upper
168 100
99 67.1 53.4 80.0



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

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

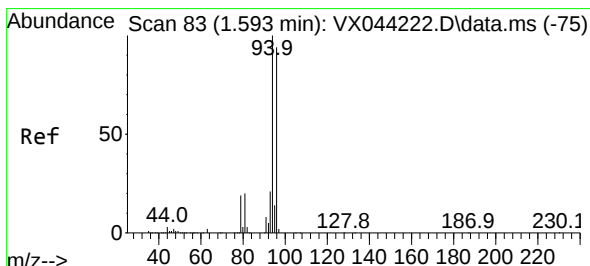
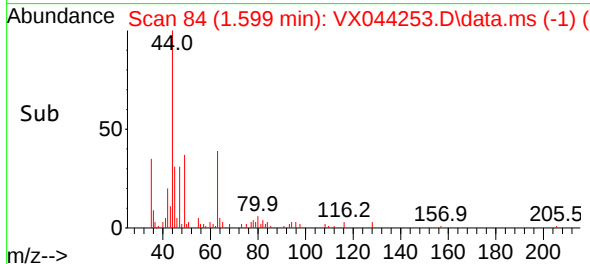
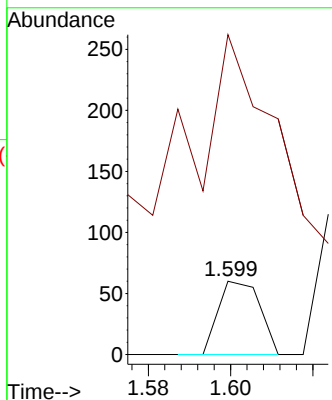
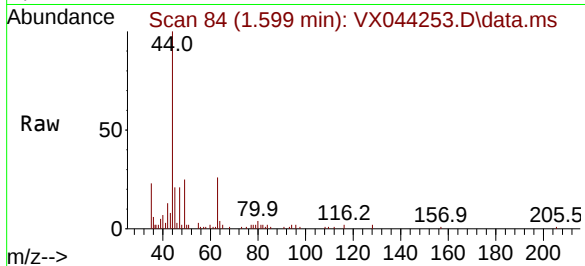




#4
Vinyl Chloride
Concen: 0.025 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.226 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

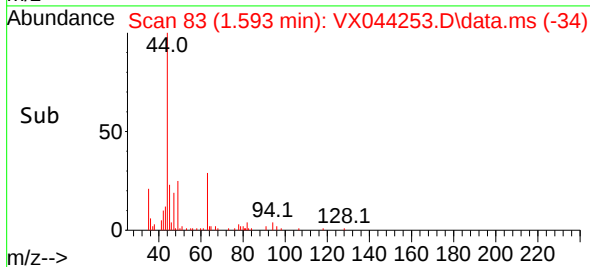
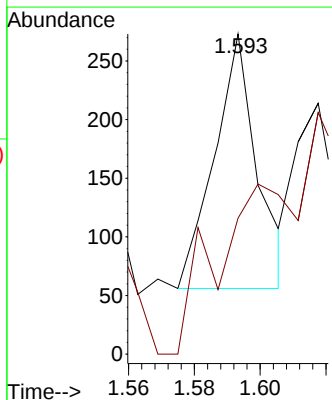
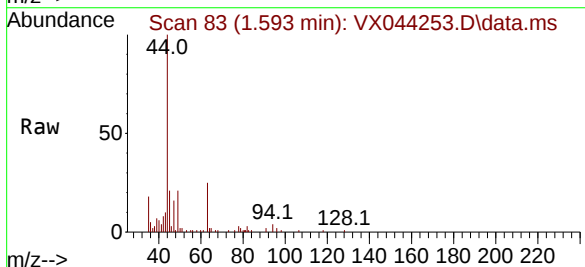
Instrument :
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ClientSampleId :
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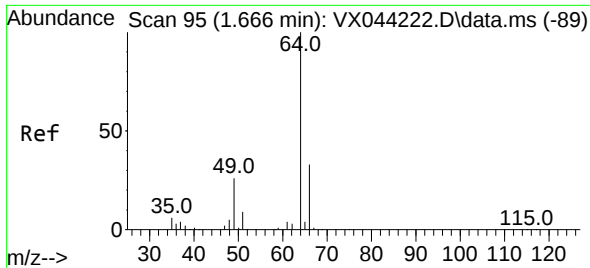
Tgt Ion: 62 Resp: 42
Ion Ratio Lower Upper
62 100
64 115.0 25.7 38.5#



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

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

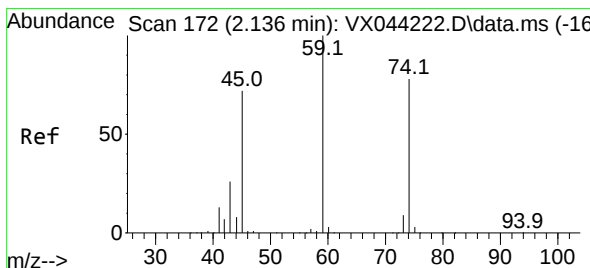
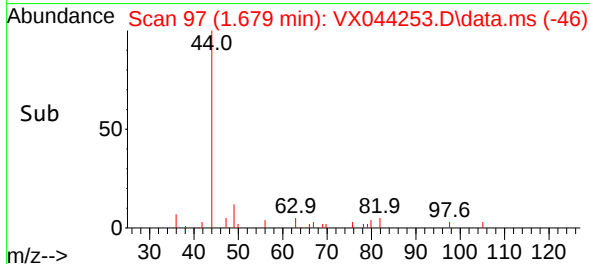
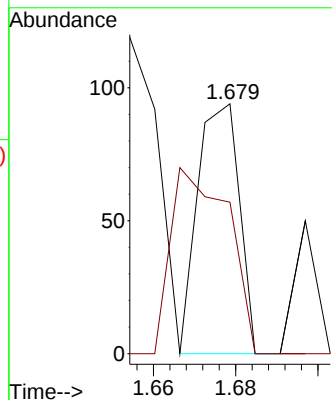
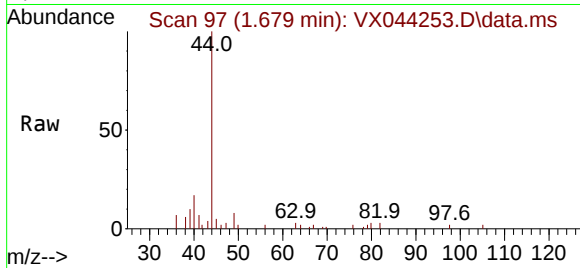




#6
Chloroethane
Concen: 0.064 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

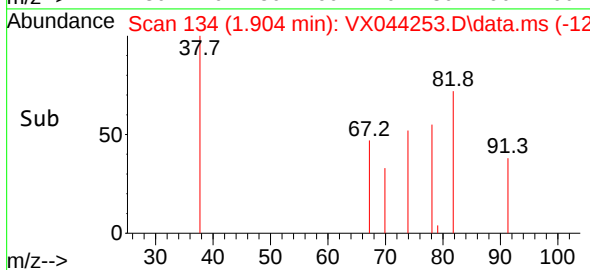
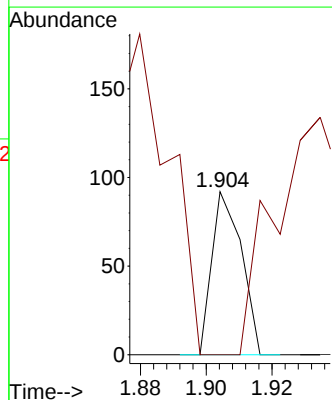
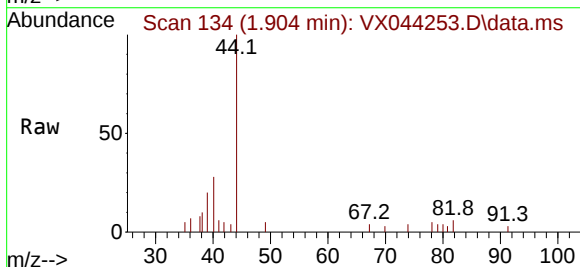
Instrument :
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ClientSampleId :
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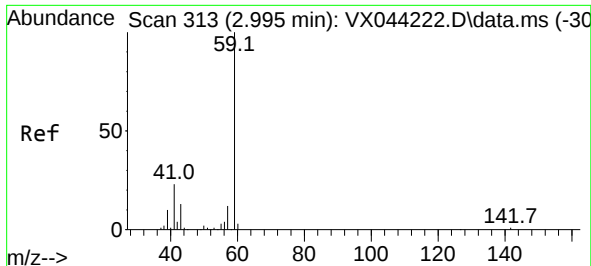
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 60.6 26.6 39.8#



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

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

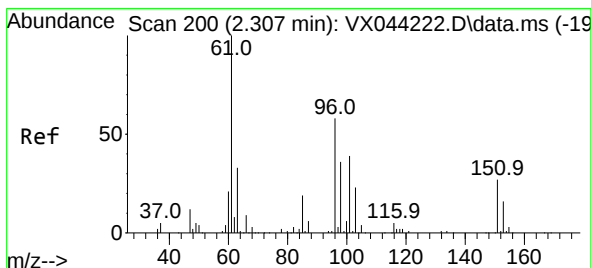
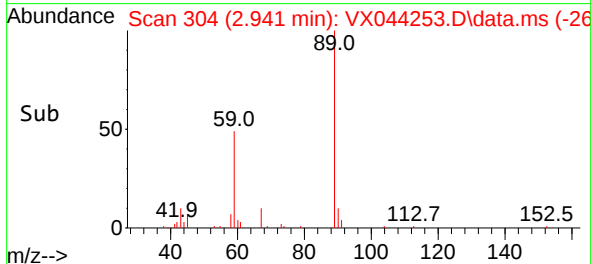
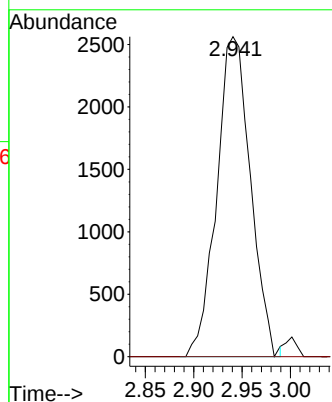
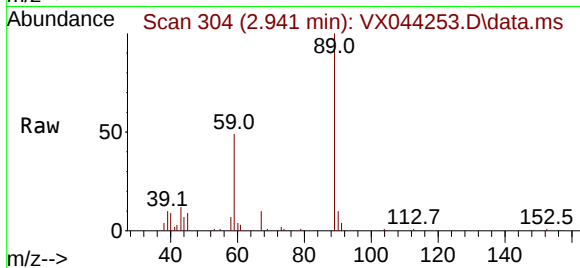




#11
Tert butyl alcohol
Concen: 23.476 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

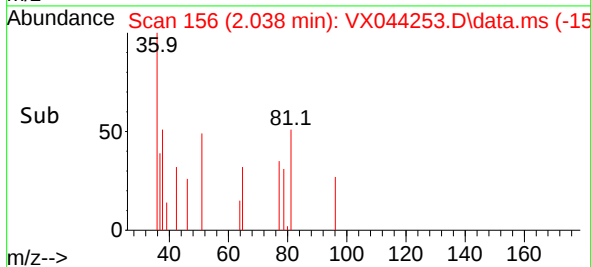
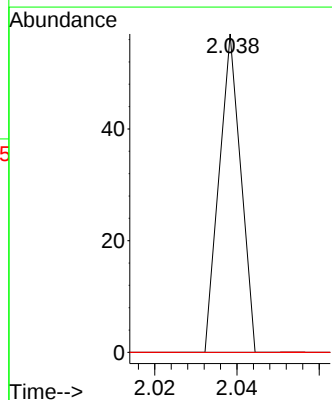
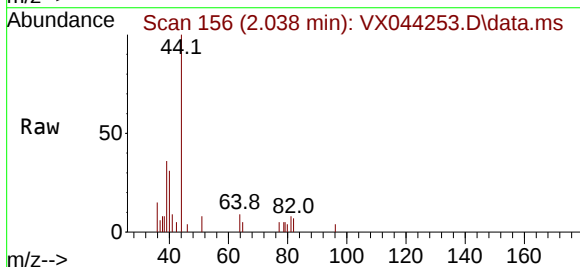
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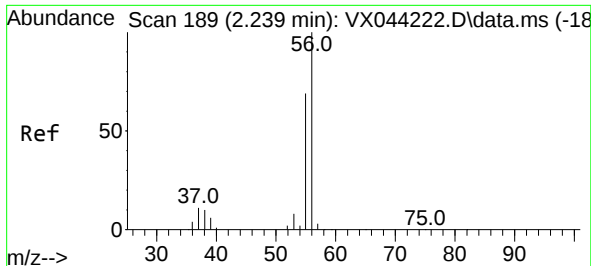
Tgt Ion: 59 Resp: 6217
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



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

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





#13

Acrolein

Concen: 0.110 ug/l

RT: 2.075 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

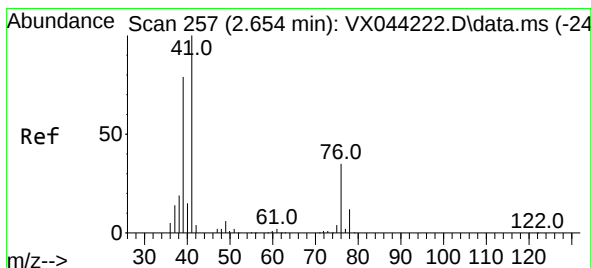
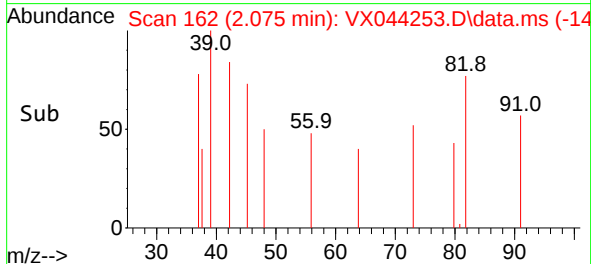
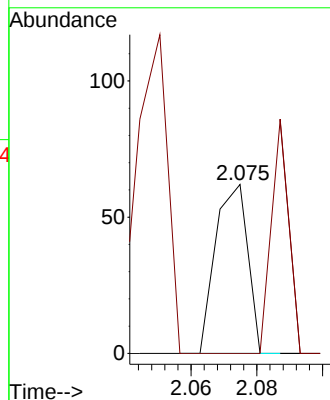
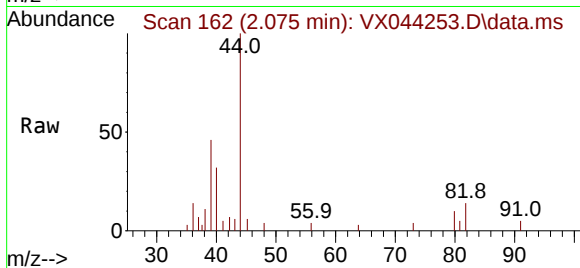
RE122D3-20241209

Tgt Ion: 56 Resp: 42

Ion Ratio Lower Upper

56 100

55 73.8 56.6 84.8



#14

Allyl chloride

Concen: 0.038 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

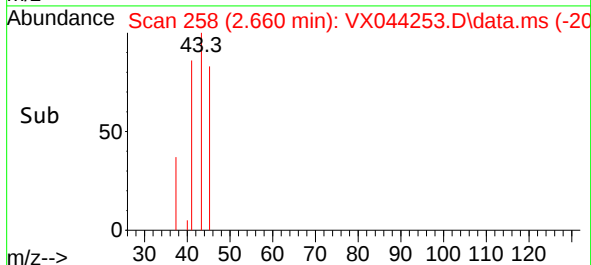
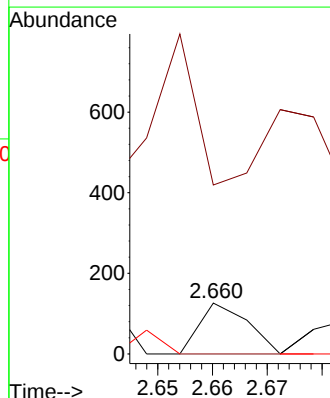
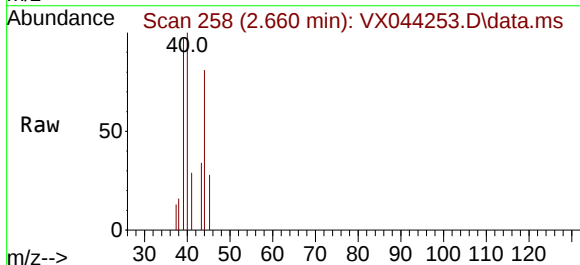
Tgt Ion: 41 Resp: 77

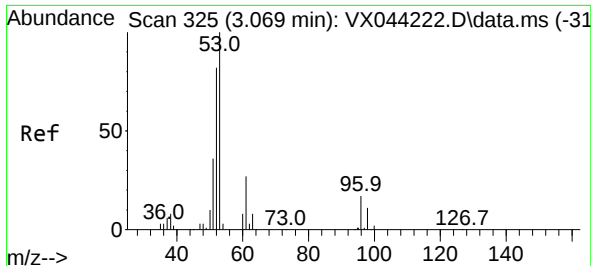
Ion Ratio Lower Upper

41 100

39 210.4 61.9 92.9#

76 28.6 27.4 41.2





#15

Acrylonitrile

Concen: 0.029 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.128 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20241209

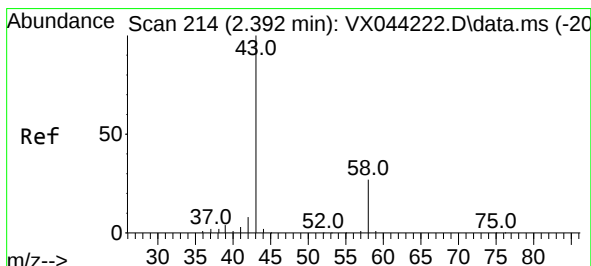
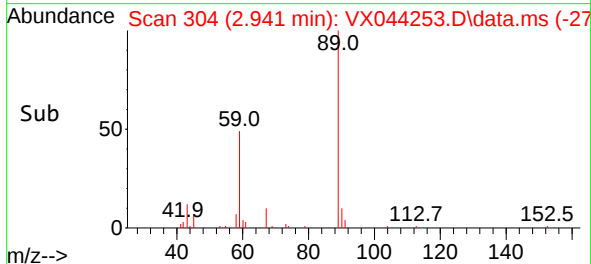
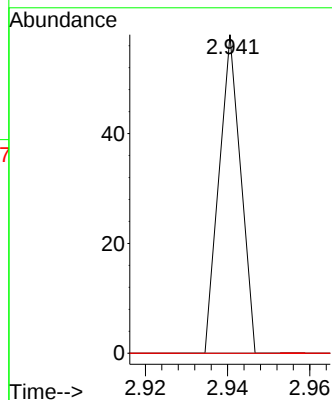
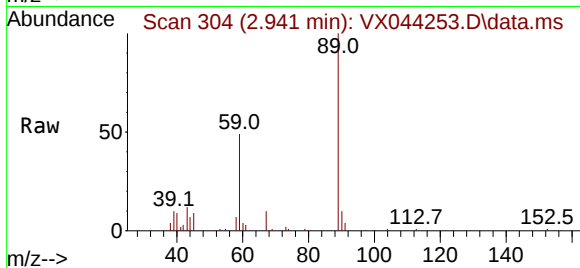
Tgt Ion: 53 Resp: 21

Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

51 0.0 30.3 45.5#



#16

Acetone

Concen: 0.937 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044253.D

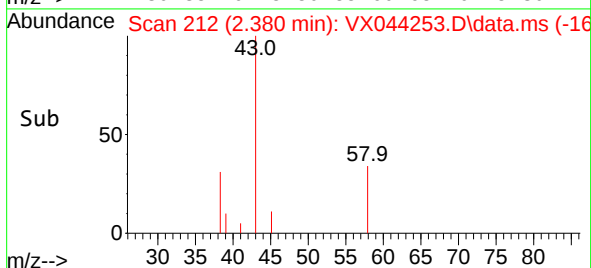
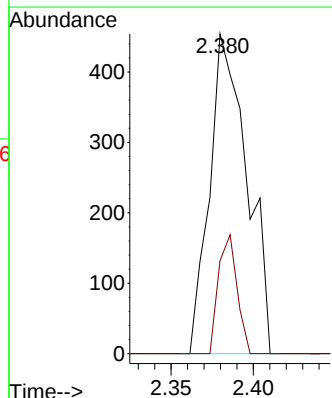
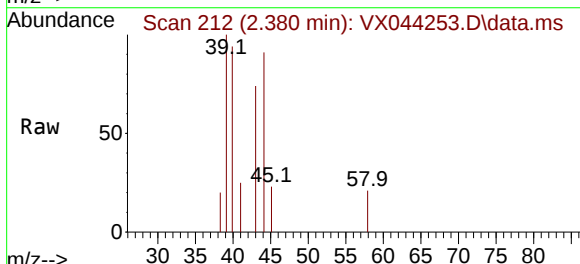
Acq: 12 Dec 2024 15:32

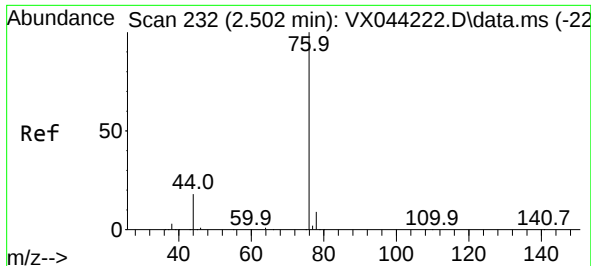
Tgt Ion: 43 Resp: 718

Ion Ratio Lower Upper

43 100

58 29.1 21.6 32.4

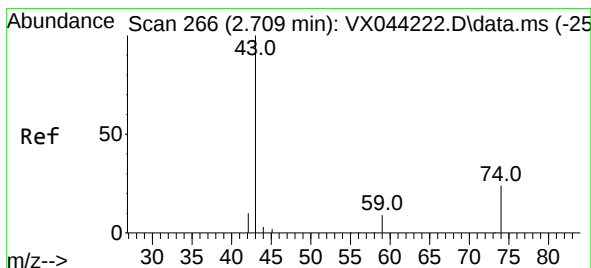
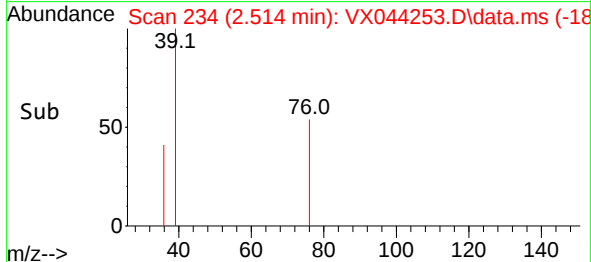
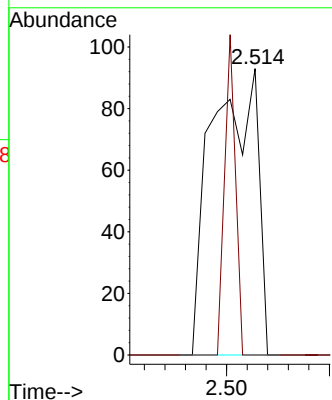
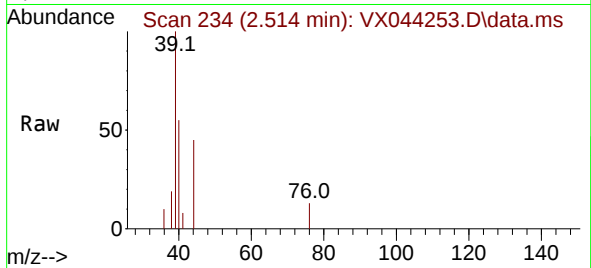




#17
Carbon Disulfide
Concen: 0.063 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

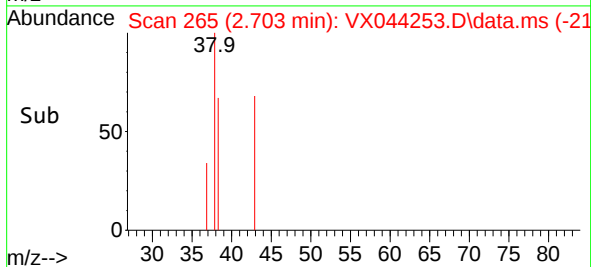
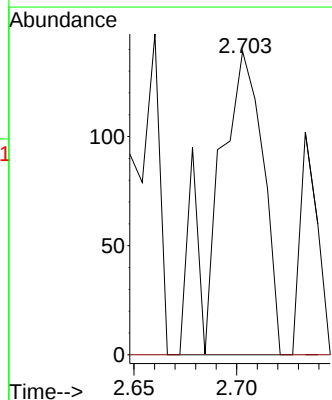
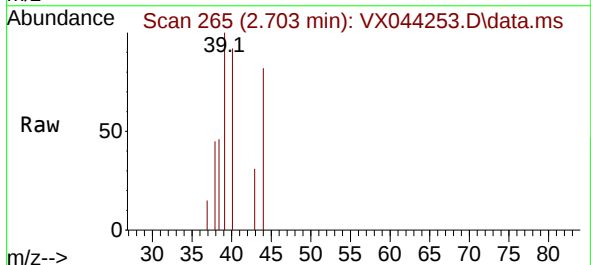
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

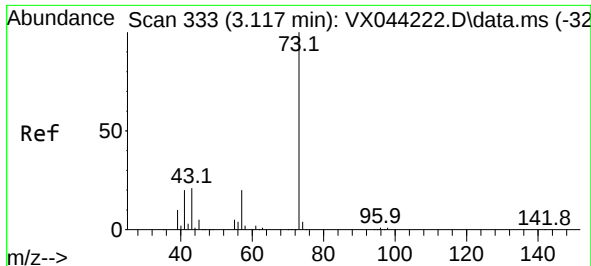
Tgt Ion: 76 Resp: 143
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.114 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#

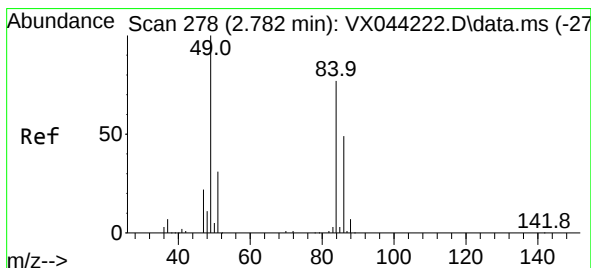
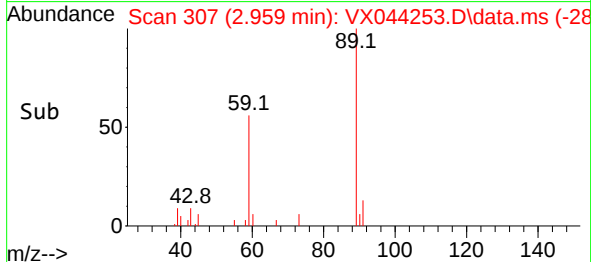
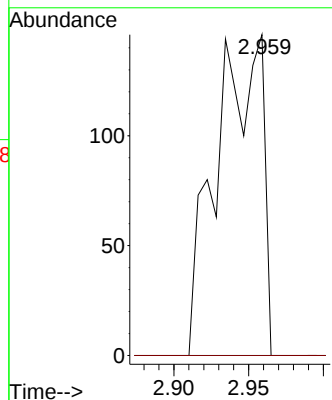
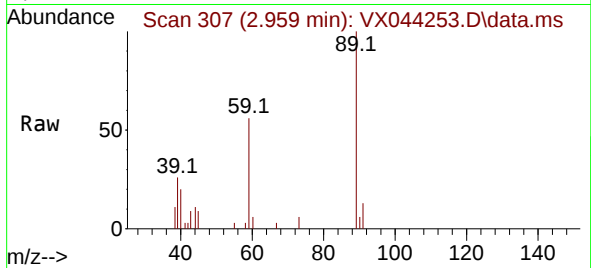




#19
Methyl tert-butyl Ether
Concen: 0.067 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.158 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

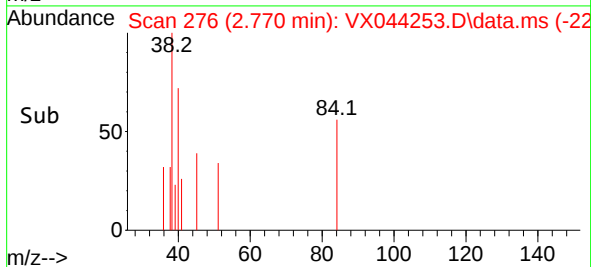
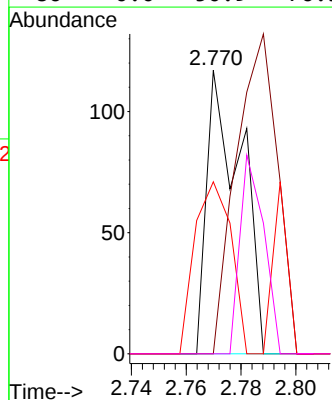
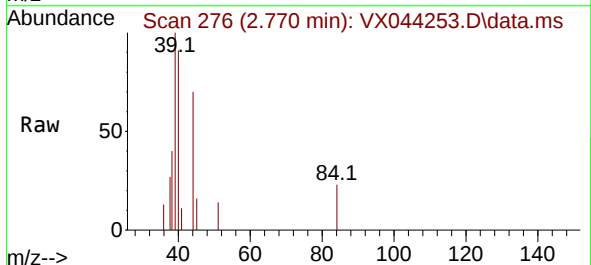
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

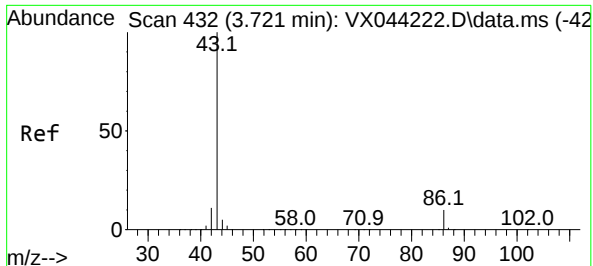
Tgt Ion: 73 Resp: 315
Ion Ratio Lower Upper
73 100
57 0.0 16.2 24.4#



#20
Methylene Chloride
Concen: 0.071 ug/l
RT: 2.770 min Scan# 276
Delta R.T. -0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion: 84 Resp: 102
Ion Ratio Lower Upper
84 100
49 0.0 104.2 156.4#
51 60.7 32.2 48.4#
86 0.0 50.9 76.3#

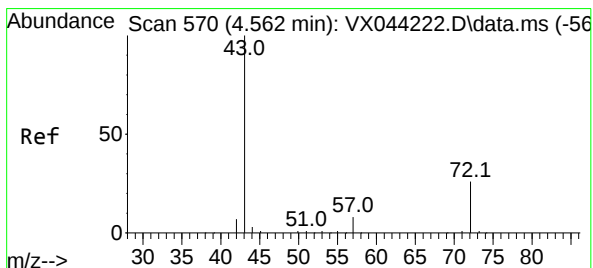
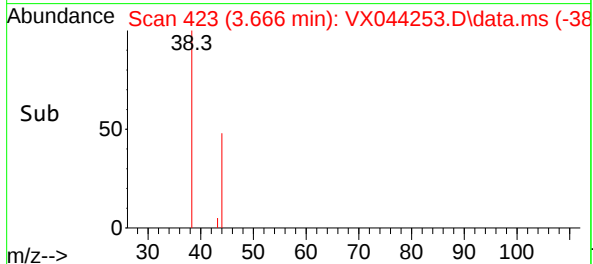
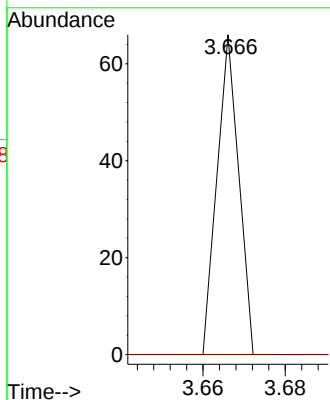
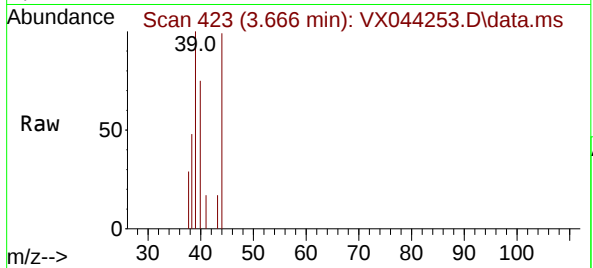




#23
 Vinyl Acetate
 Concen: 0.007 ug/l
 RT: 3.666 min Scan# 41
 Delta R.T. -0.055 min
 Lab File: VX044253.D
 Acq: 12 Dec 2024 15:32

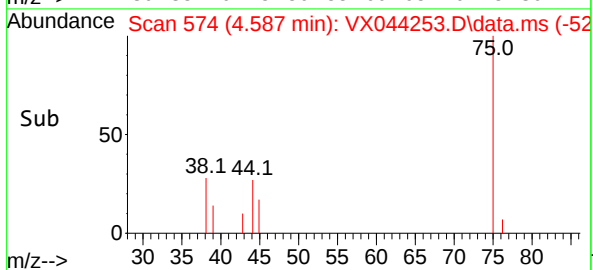
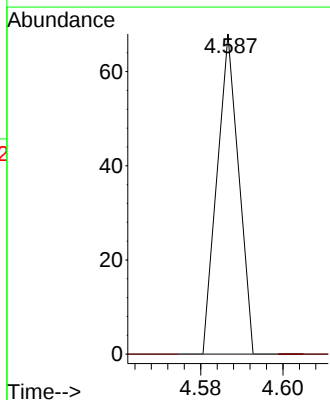
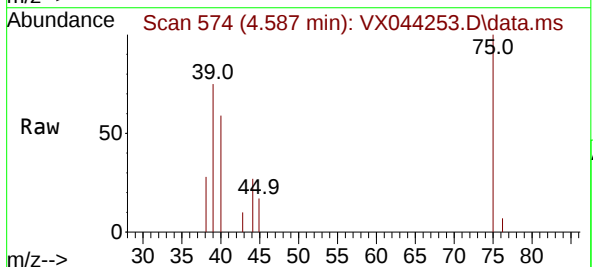
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20241209

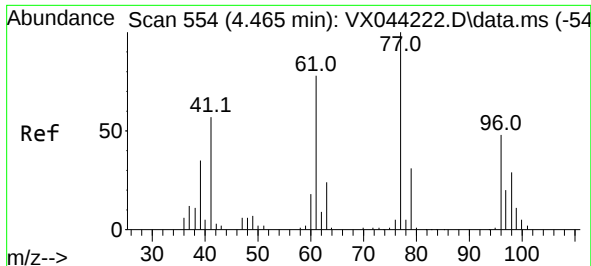
Tgt Ion: 43 Resp: 24
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



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

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





#26

2,2-Dichloropropane

Concen: 0.016 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.152 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

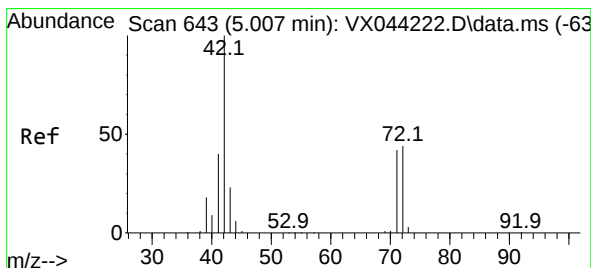
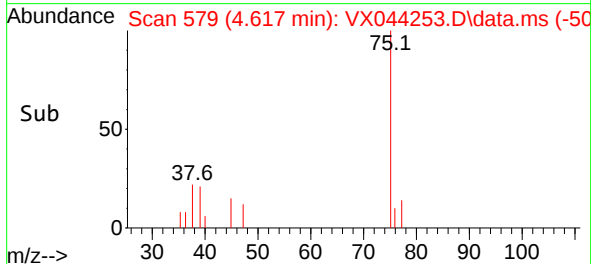
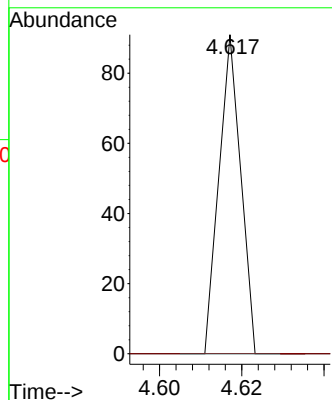
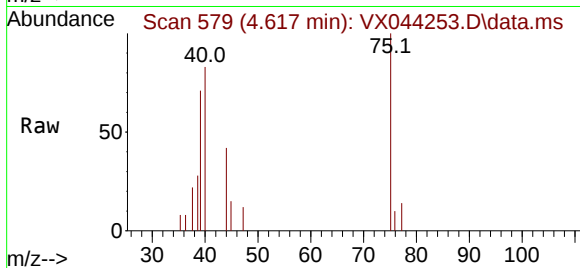
RE122D3-20241209

Tgt Ion: 77 Resp: 33

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#



#29

Tetrahydrofuran

Concen: 0.082 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.085 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

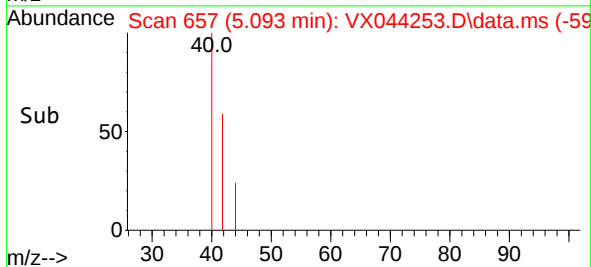
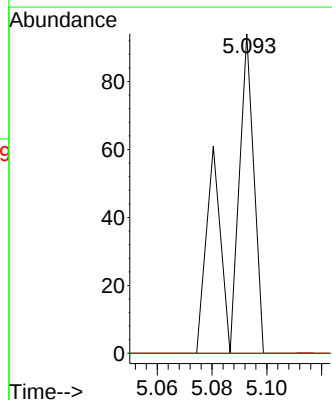
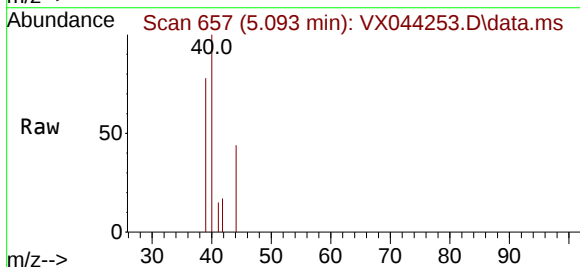
Tgt Ion: 42 Resp: 57

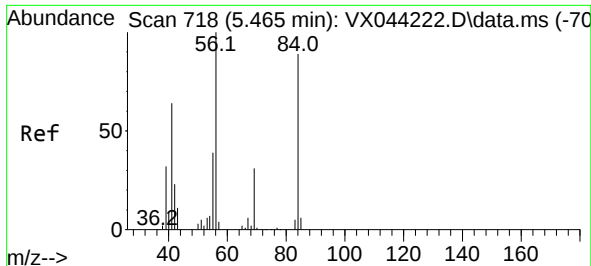
Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 33.6 50.4#

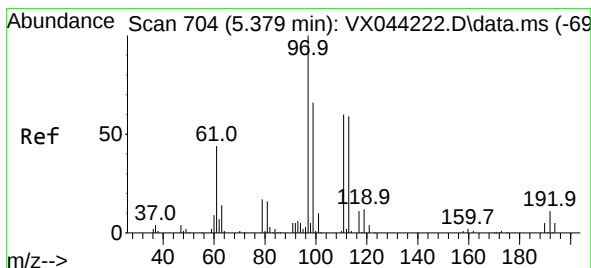
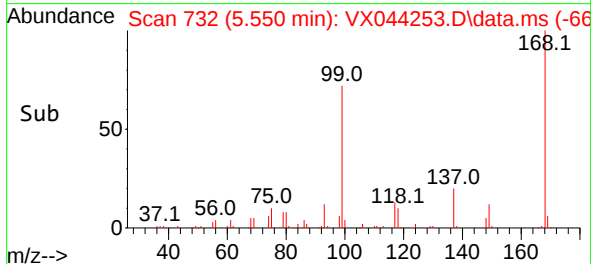
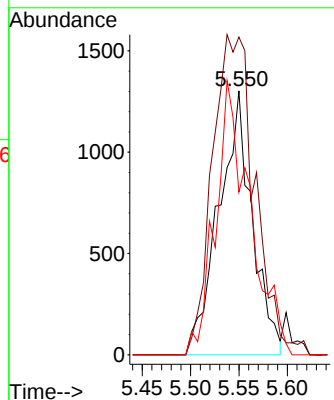
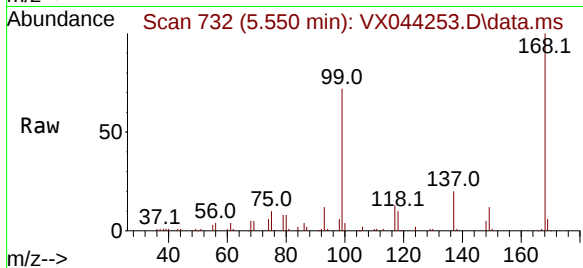




#31
Cyclohexane
Concen: 1.534 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

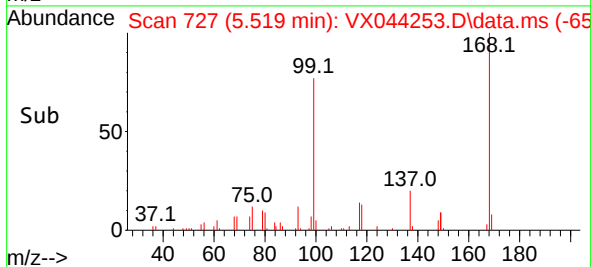
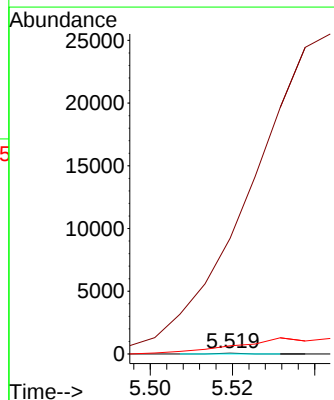
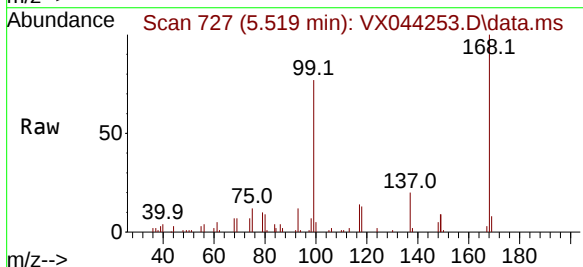
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

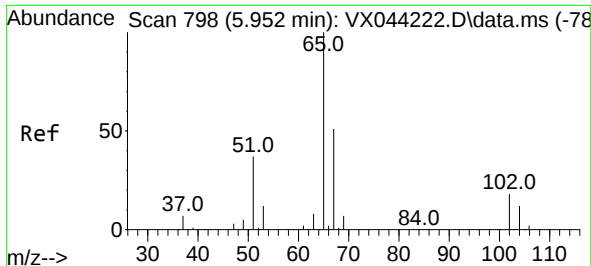
Tgt Ion: 56 Resp: 3112
Ion Ratio Lower Upper
56 100
69 120.3 24.7 37.1#
84 61.6 71.0 106.6#



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

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





#33

1,2-Dichloroethane-d4

Concen: 50.609 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

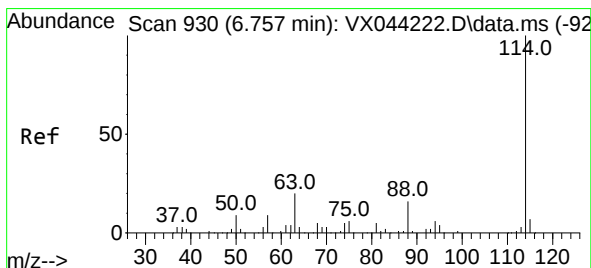
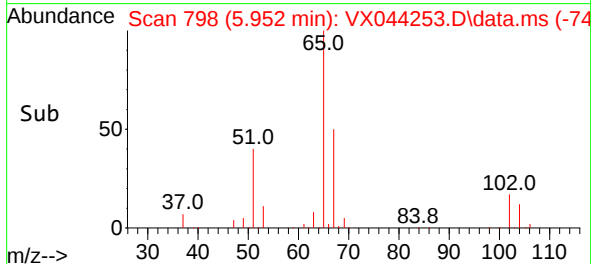
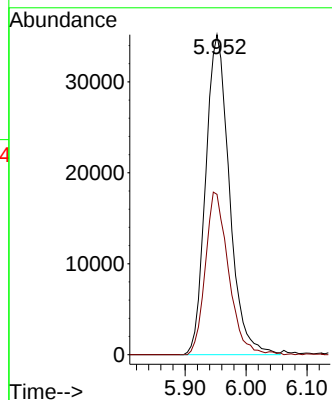
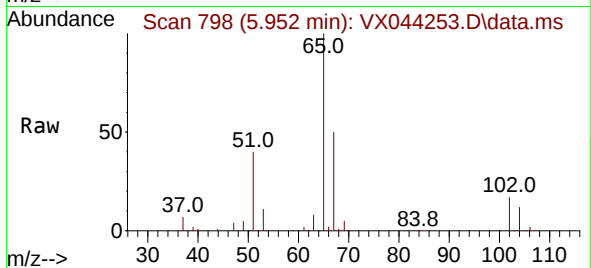
RE122D3-20241209

Tgt Ion: 65 Resp: 95097

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

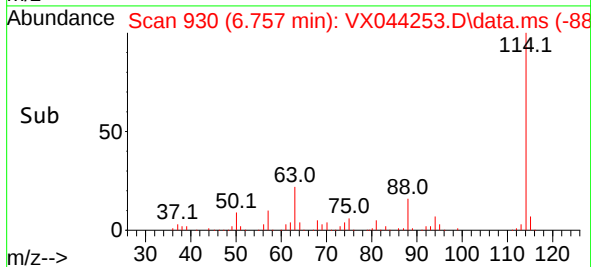
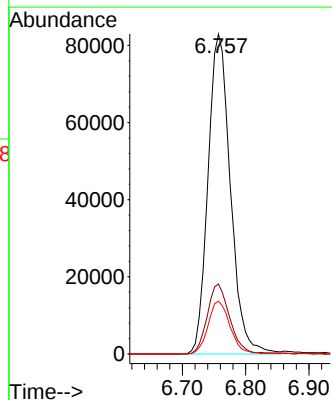
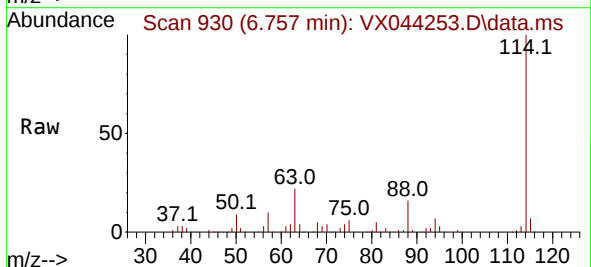
Tgt Ion: 114 Resp: 204445

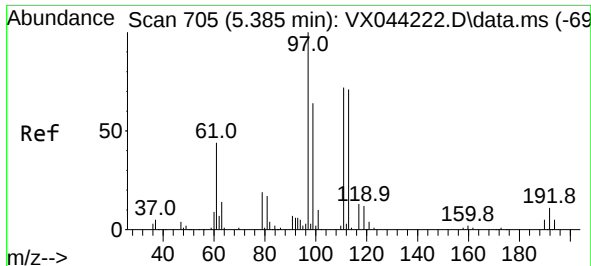
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.6

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.363 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044253.D

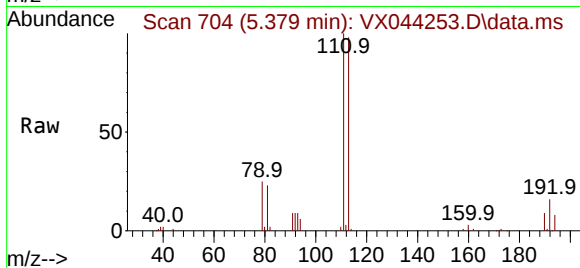
Acq: 12 Dec 2024 15:32

Instrument :

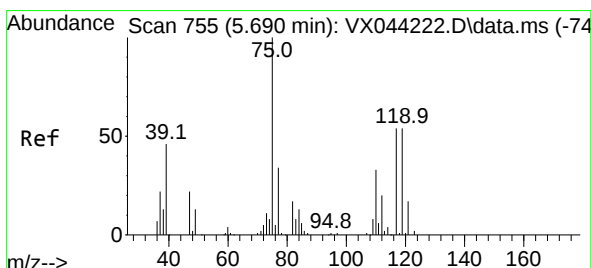
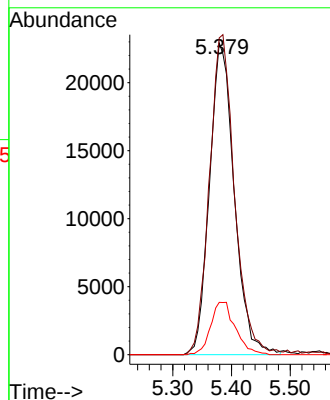
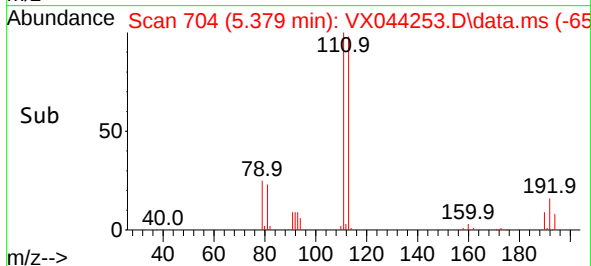
MSVOA_X

ClientSampleId :

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Tgt Ion:	113	Resp:	67064
Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.4	120.6
192	16.8	13.3	19.9



#36

1,1-Dichloropropene

Concen: 5.558 ug/l

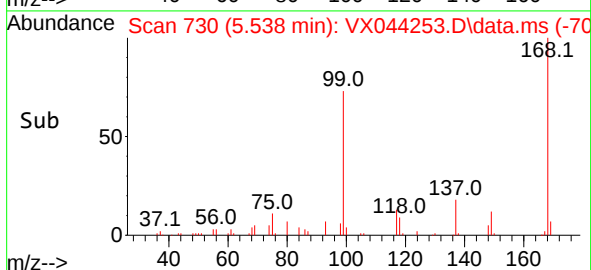
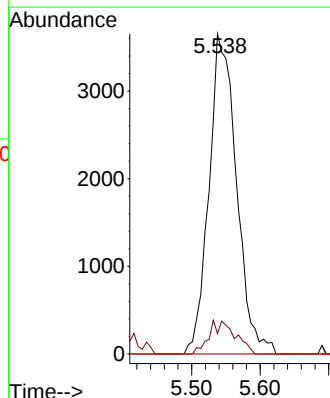
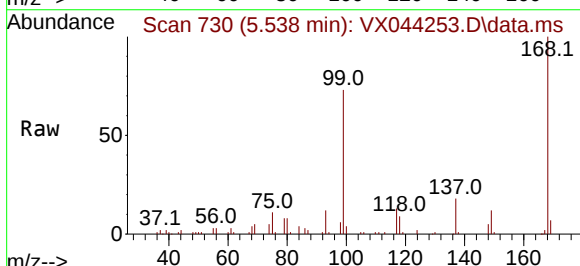
RT: 5.538 min Scan# 730

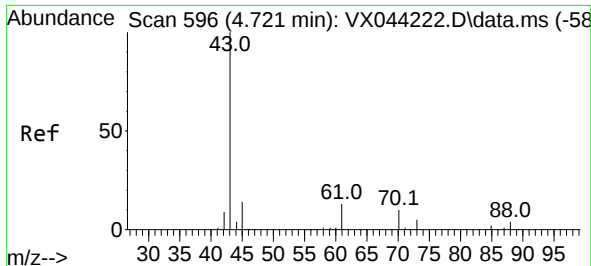
Delta R.T. -0.152 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Tgt Ion:	75	Resp:	10173
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.3	51.7#
77	0.0	25.4	38.0#





#37

Ethyl Acetate

Concen: 0.009 ug/l

RT: 4.757 min Scan# 602

Delta R.T. 0.037 min

Lab File: VX044253.D

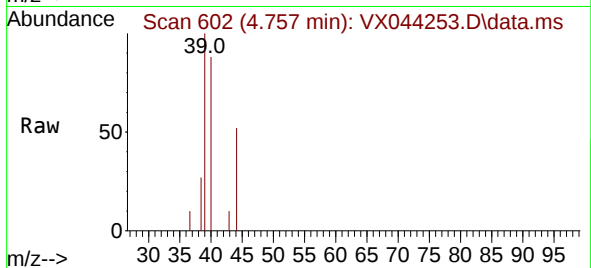
Acq: 12 Dec 2024 15:32

Instrument :

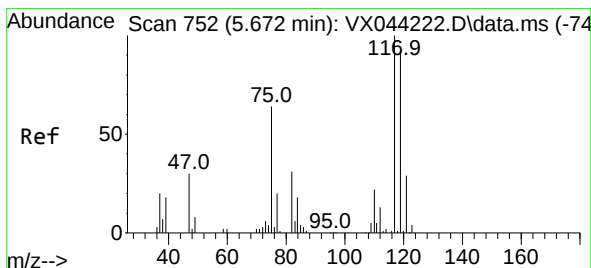
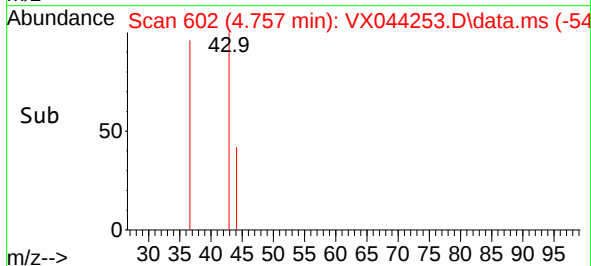
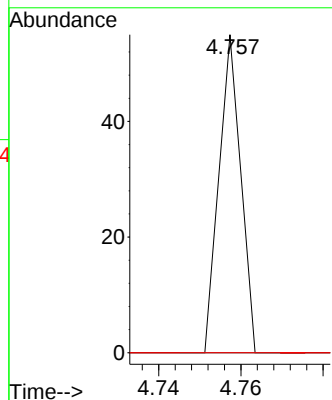
MSVOA_X

ClientSampleId :

RE122D3-20241209



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



#38

Carbon Tetrachloride

Concen: 6.462 ug/l

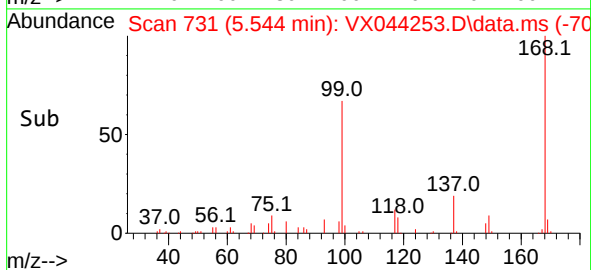
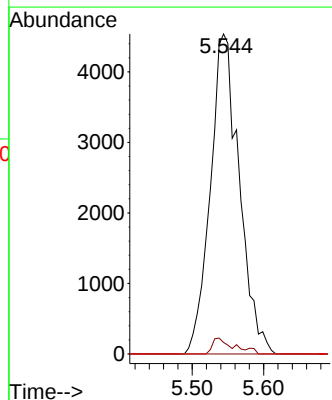
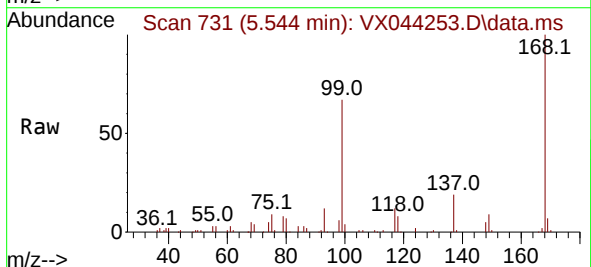
RT: 5.544 min Scan# 731

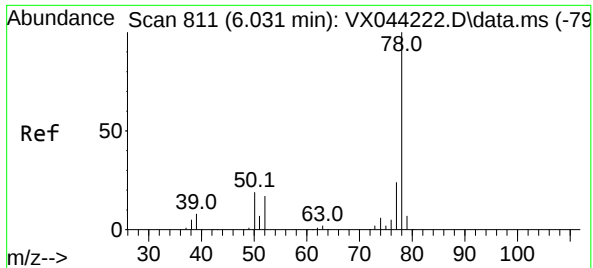
Delta R.T. -0.128 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

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





#40

Benzene

Concen: 0.009 ug/l

RT: 6.038 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

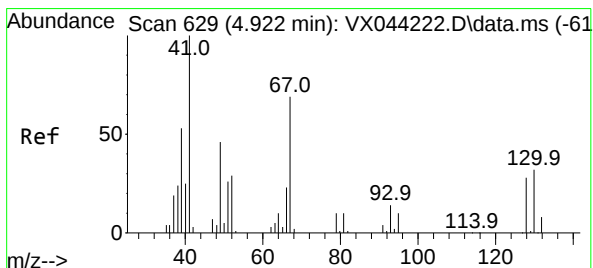
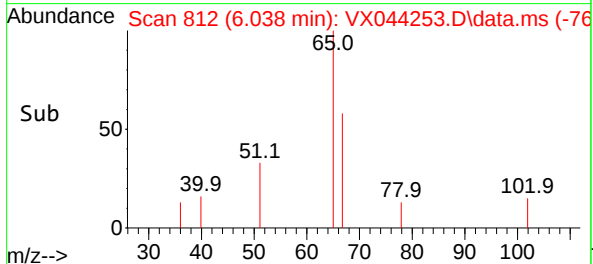
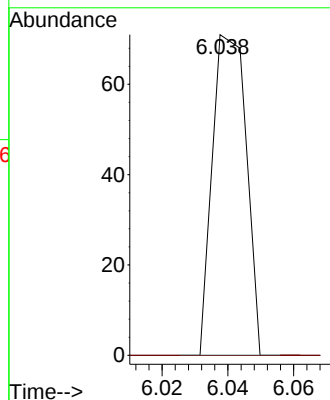
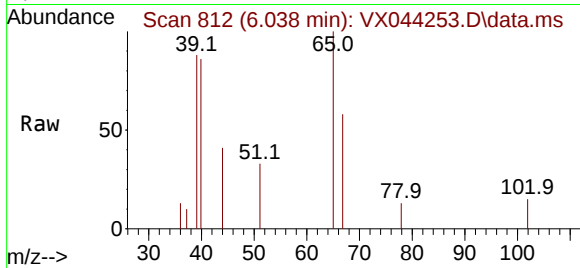
RE122D3-20241209

Tgt Ion: 78 Resp: 51

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.131 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.024 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Tgt Ion: 41 Resp: 157

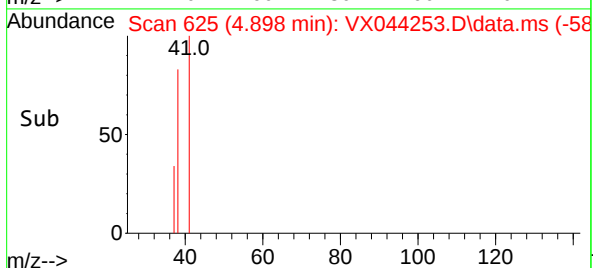
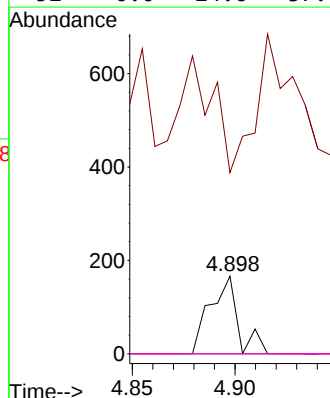
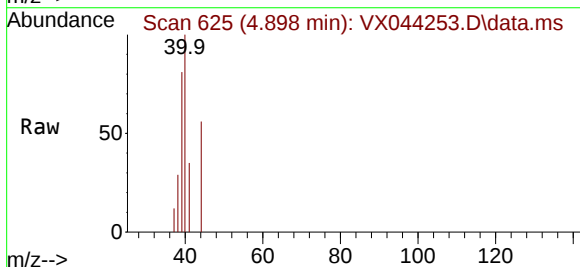
Ion Ratio Lower Upper

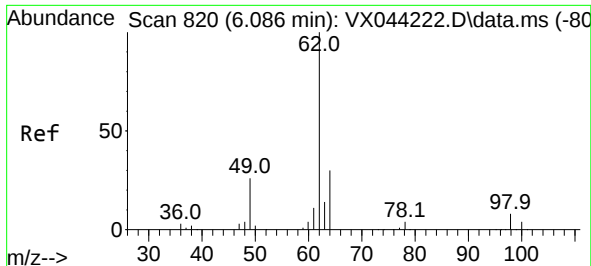
41 100

39 165.6 44.2 66.4#

67 0.0 57.2 85.8#

52 0.0 24.6 37.0#





#42

1,2-Dichloroethane

Concen: 0.009 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

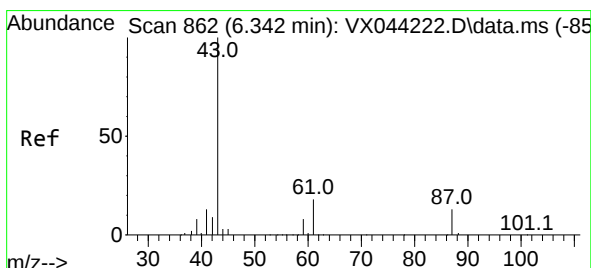
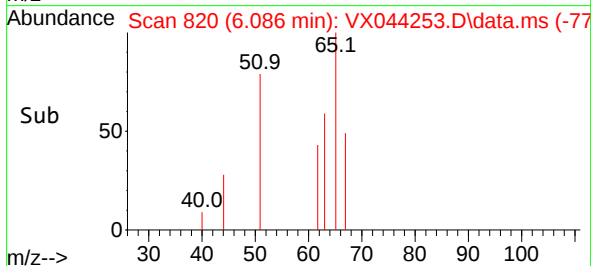
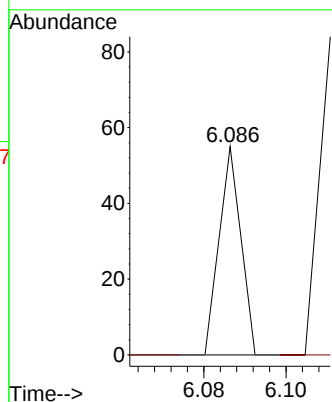
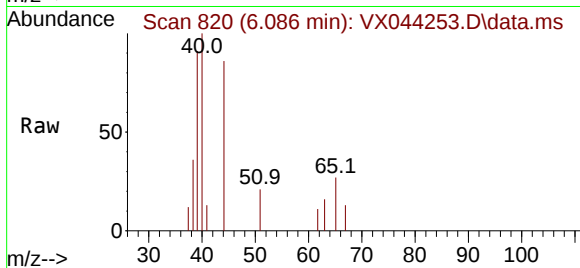
RE122D3-20241209

Tgt Ion: 62 Resp: 20

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 0.006 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.018 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

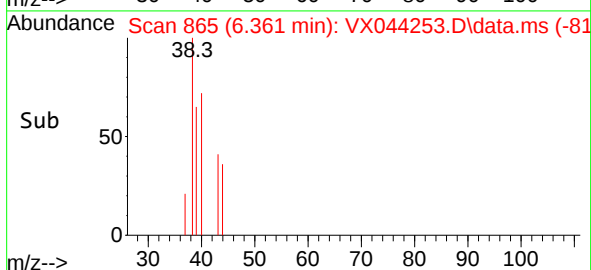
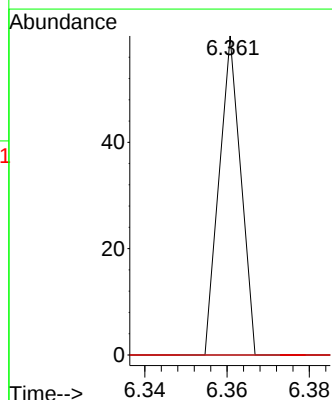
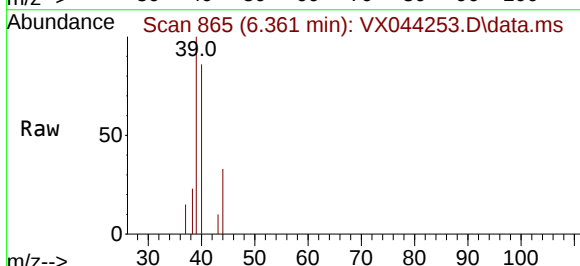
Tgt Ion: 43 Resp: 22

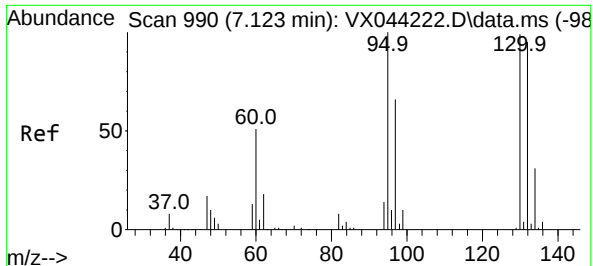
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 10.2 15.2#

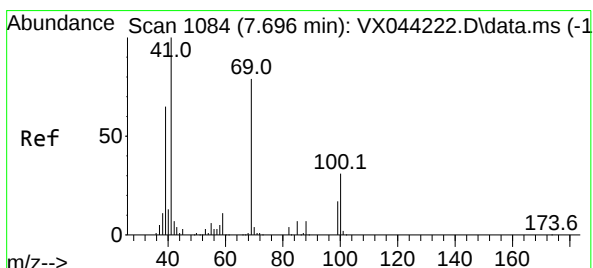
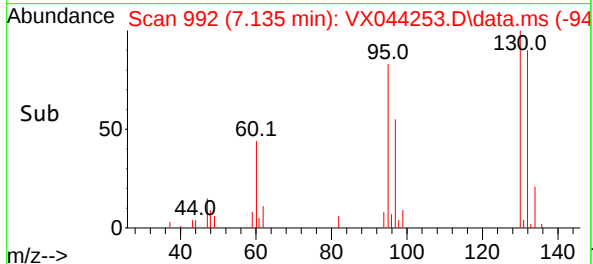
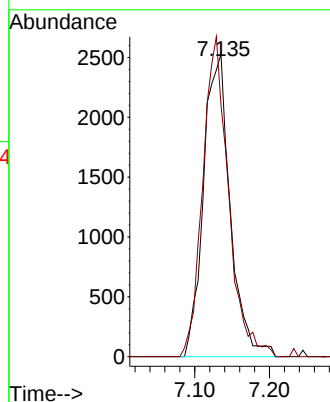
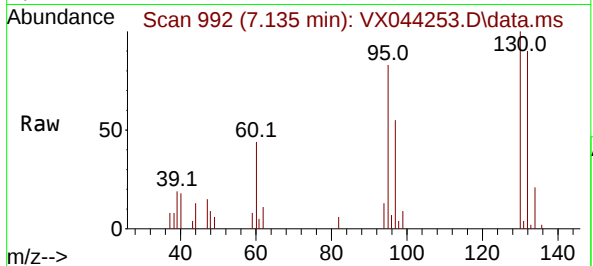




#44
Trichloroethene
Concen: 4.526 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

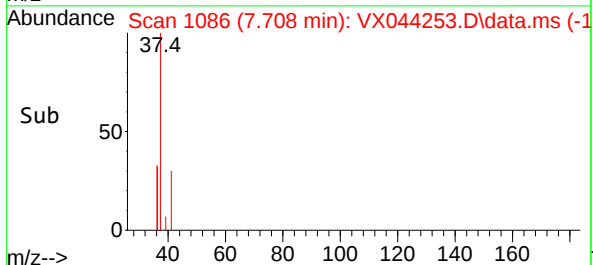
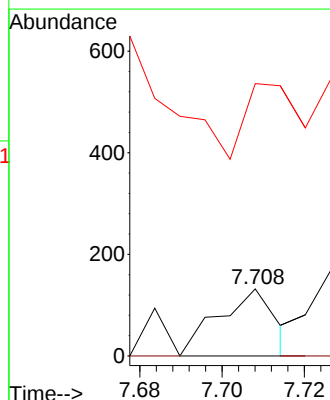
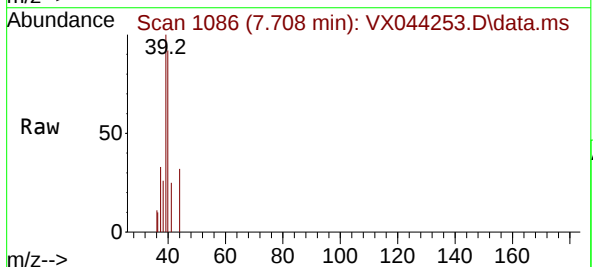
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

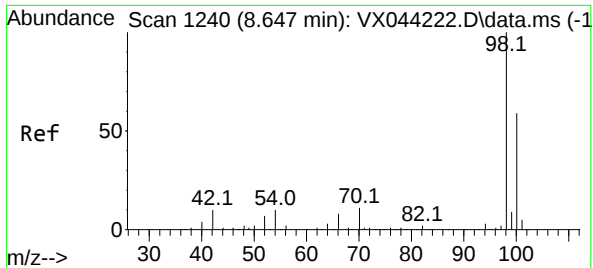
Tgt Ion:130 Resp: 6272
Ion Ratio Lower Upper
130 100
95 83.1 0.0 201.4



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

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

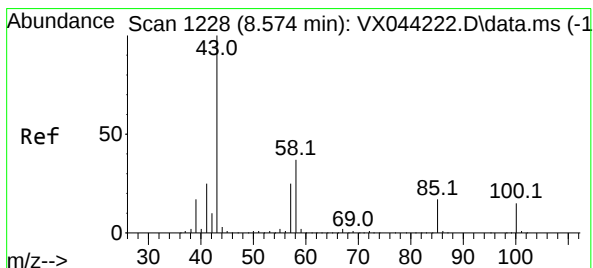
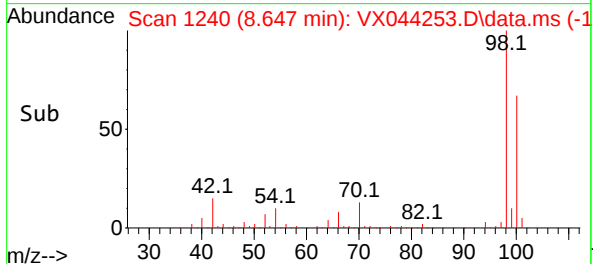
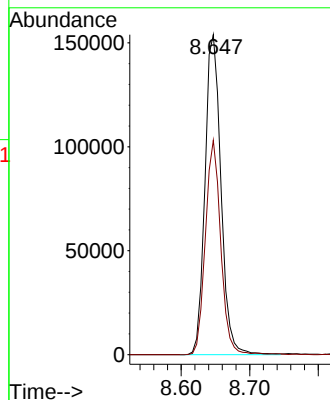
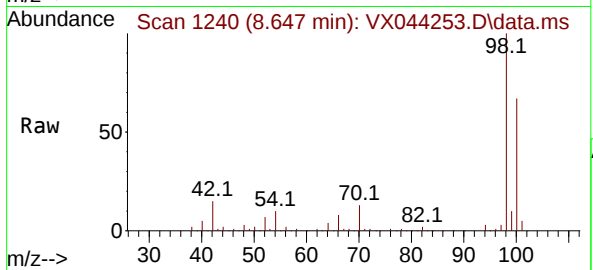




#50
Toluene-d8
Concen: 52.369 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

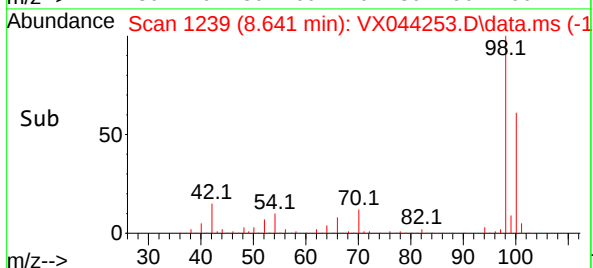
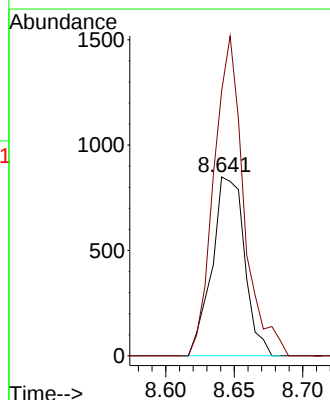
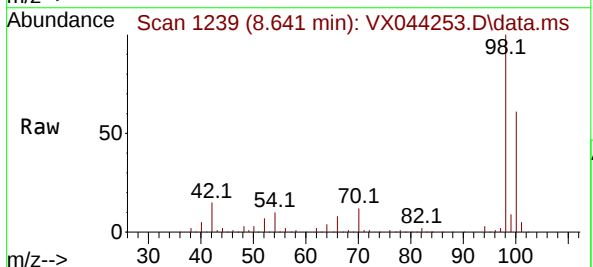
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

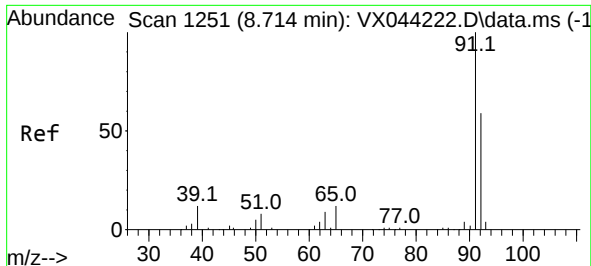
Tgt Ion: 98 Resp: 250169
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



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

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





#52

Toluene

Concen: 0.169 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

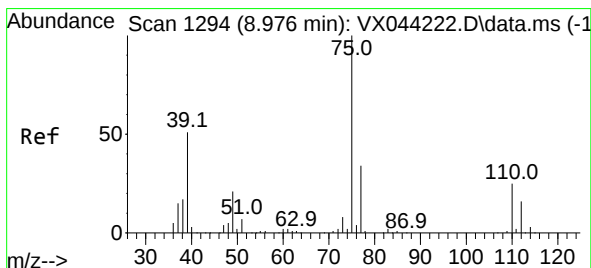
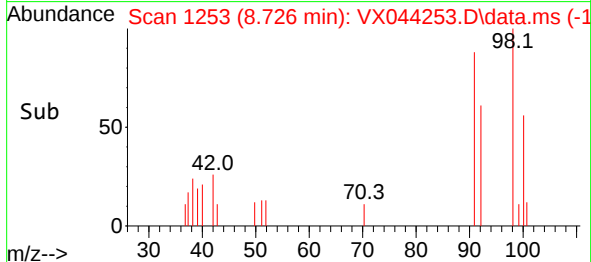
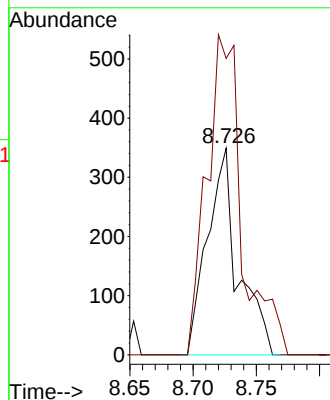
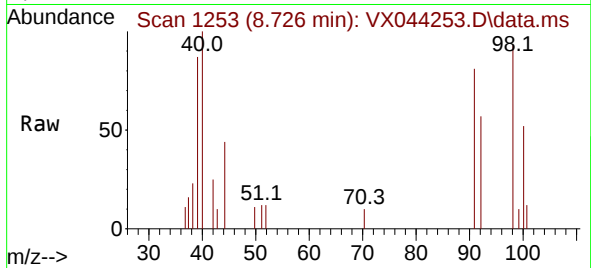
RE122D3-20241209

Tgt Ion: 92 Resp: 590

Ion Ratio Lower Upper

92 100

91 177.1 137.0 205.6



#53

t-1,3-Dichloropropene

Concen: 1.021 ug/l

RT: 9.007 min Scan# 1299

Delta R.T. 0.030 min

Lab File: VX044253.D

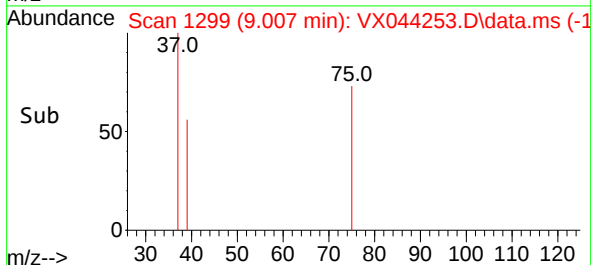
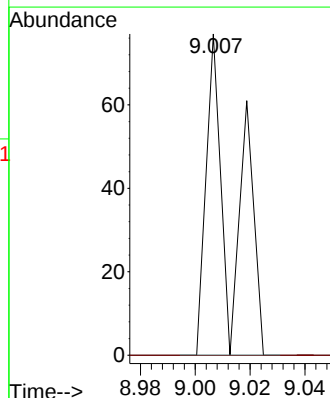
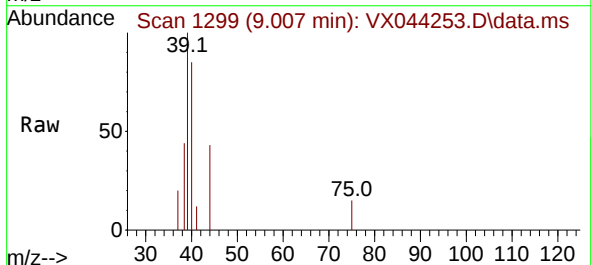
Acq: 12 Dec 2024 15:32

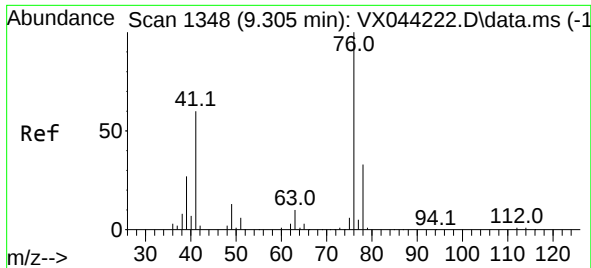
Tgt Ion: 75 Resp: 50

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#





#57

1,3-Dichloropropane

Concen: 0.021 ug/l

RT: 9.183 min Scan# 11

Delta R.T. -0.122 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

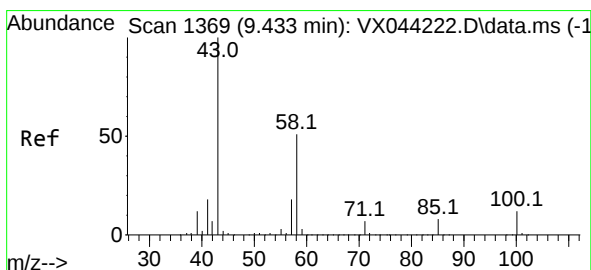
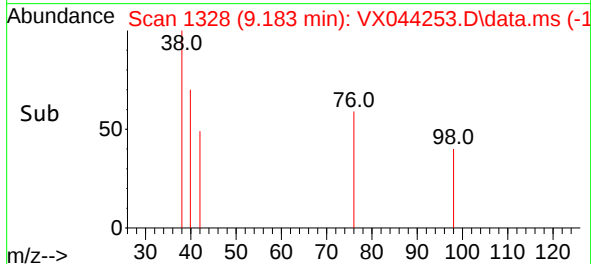
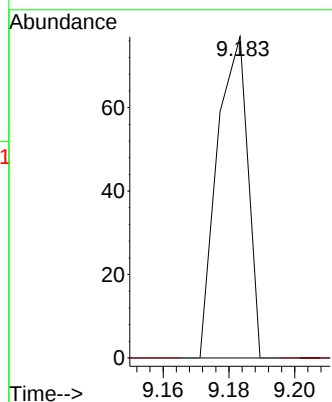
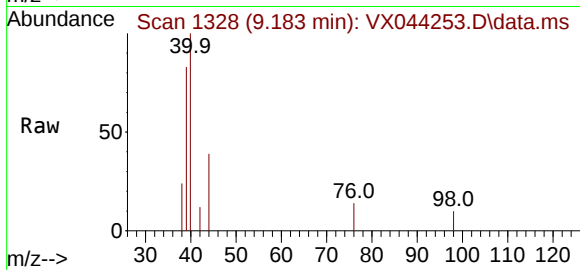
RE122D3-20241209

Tgt Ion: 76 Resp: 50

Ion Ratio Lower Upper

76 100

78 0.0 26.5 39.7#



#59

2-Hexanone

Concen: 0.029 ug/l

RT: 9.238 min Scan# 1337

Delta R.T. -0.195 min

Lab File: VX044253.D

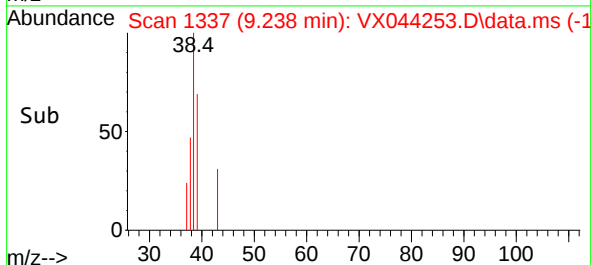
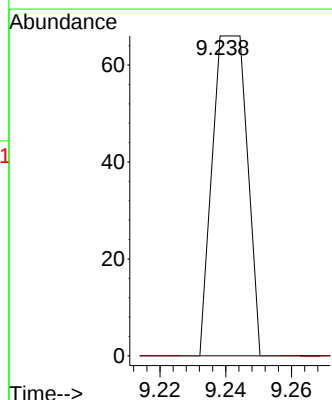
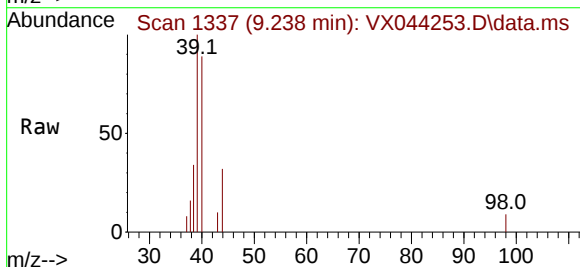
Acq: 12 Dec 2024 15:32

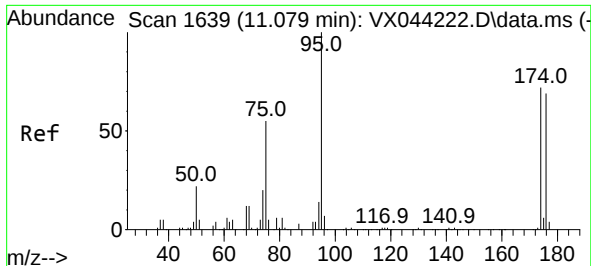
Tgt Ion: 43 Resp: 48

Ion Ratio Lower Upper

43 100

58 0.0 25.7 77.0#





#62

4-Bromofluorobenzene

Concen: 50.254 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20241209

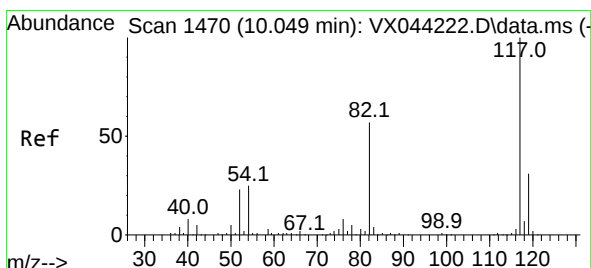
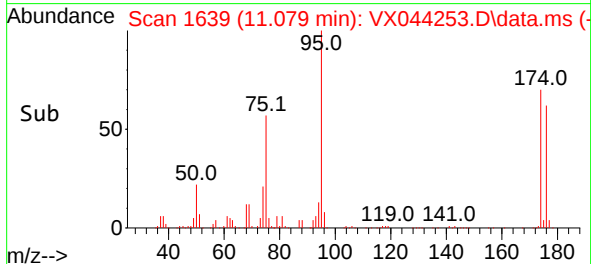
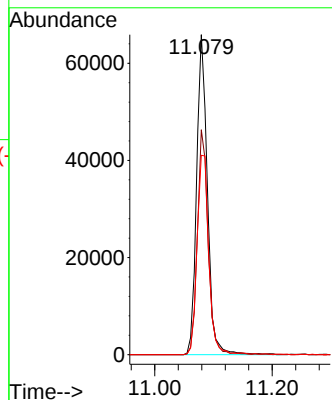
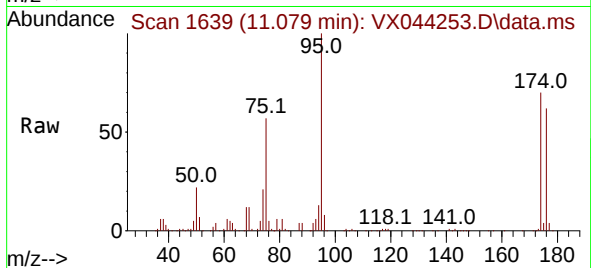
Tgt Ion: 95 Resp: 83885

Ion Ratio Lower Upper

95 100

174 69.7 0.0 145.8

176 67.8 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

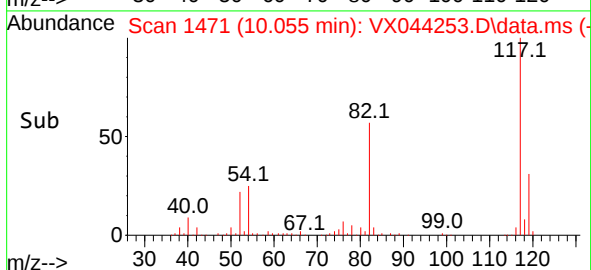
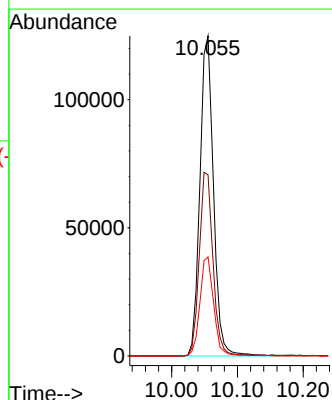
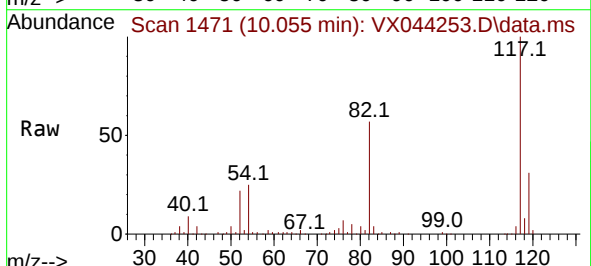
Tgt Ion: 117 Resp: 179345

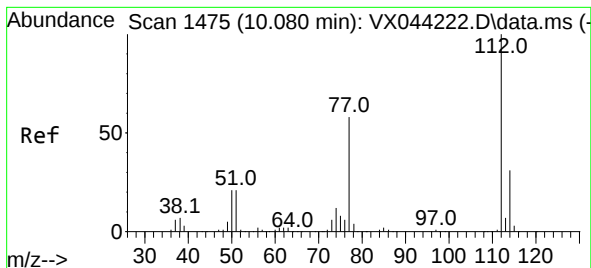
Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.8

119 30.9 25.0 37.4

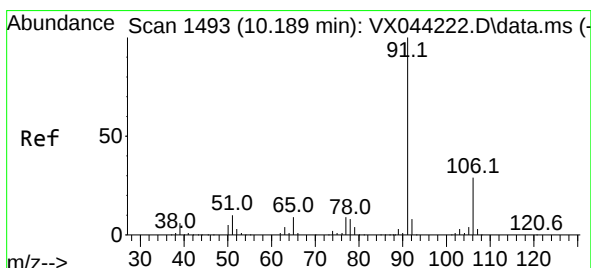
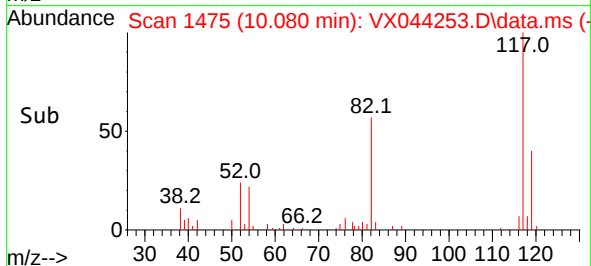
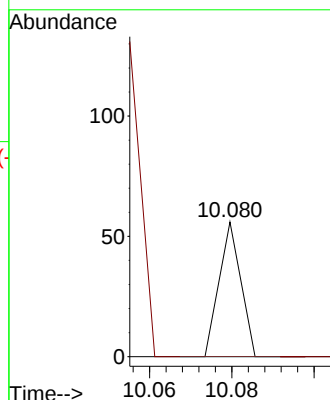
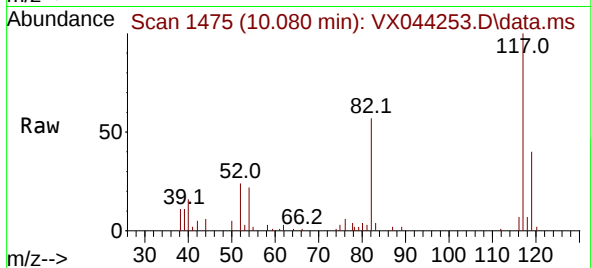




#65
Chlorobenzene
Concen: 0.005 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

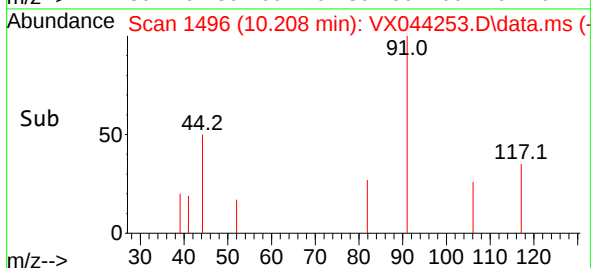
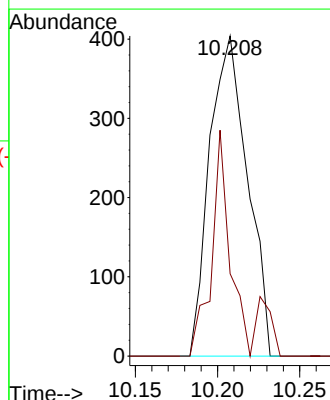
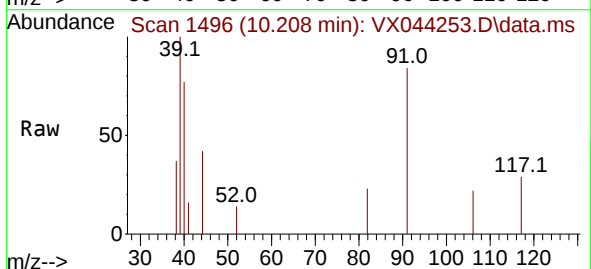
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

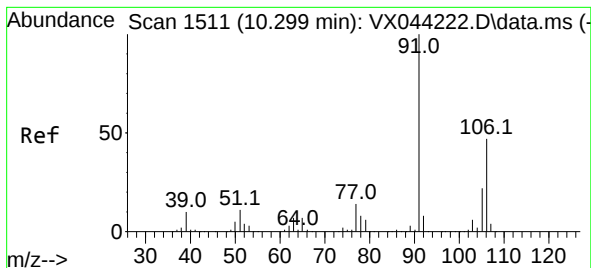
Tgt Ion:112 Resp: 20
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.6#



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

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





#68

m/p-Xylenes

Concen: 0.362 ug/l

RT: 10.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

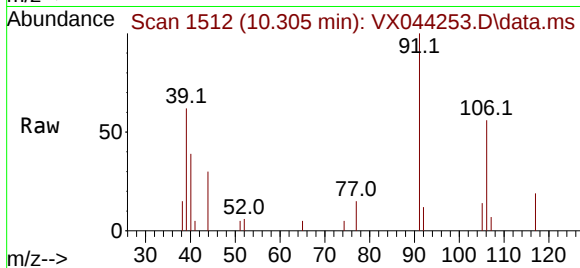
RE122D3-20241209

Tgt Ion:106 Resp: 881

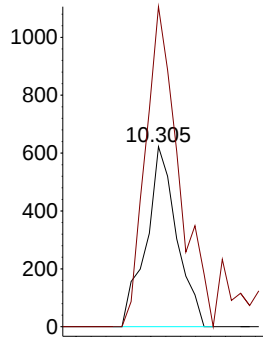
Ion Ratio Lower Upper

106 100

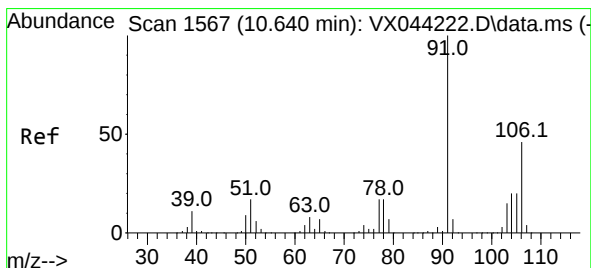
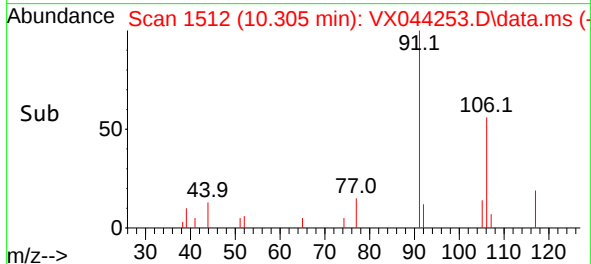
91 193.6 170.2 255.2



Abundance



Time-->



#69

o-Xylene

Concen: 0.153 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.018 min

Lab File: VX044253.D

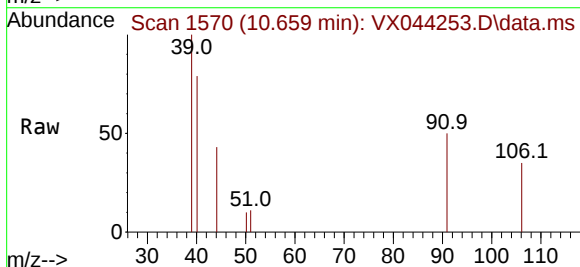
Acq: 12 Dec 2024 15:32

Tgt Ion:106 Resp: 376

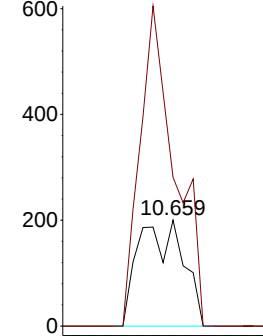
Ion Ratio Lower Upper

106 100

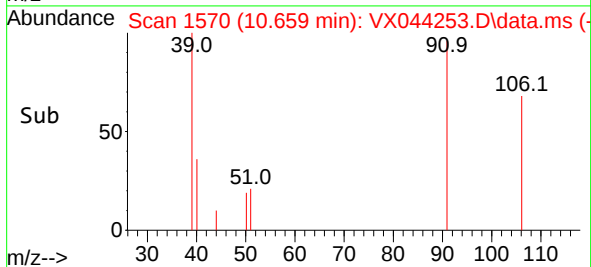
91 238.8 112.3 337.0

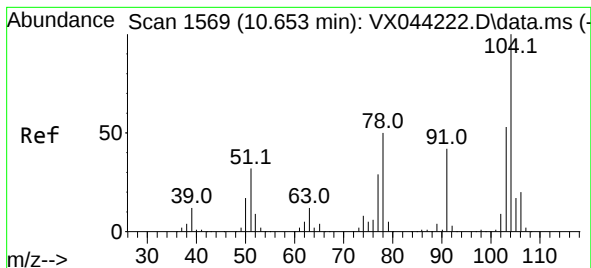


Abundance



Time-->





#70

Styrene

Concen: 0.018 ug/l

RT: 10.683 min Scan# 1

Delta R.T. 0.030 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20241209

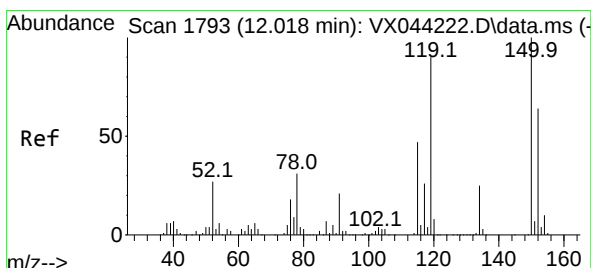
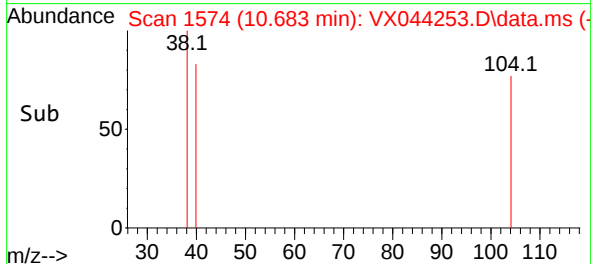
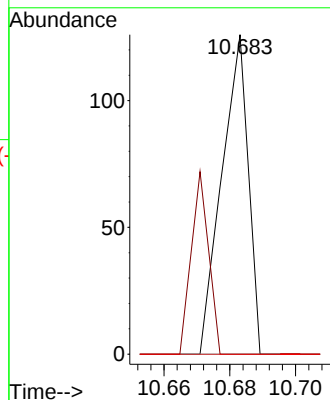
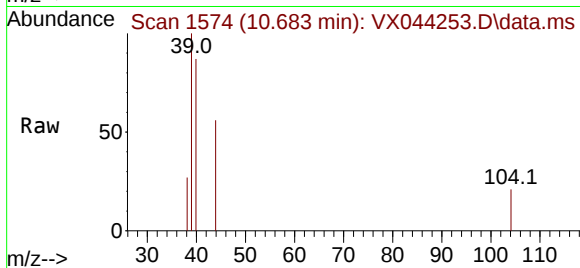
Tgt Ion:104 Resp: 70

Ion Ratio Lower Upper

104 100

78 37.1 44.6 67.0#

103 0.0 45.4 68.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

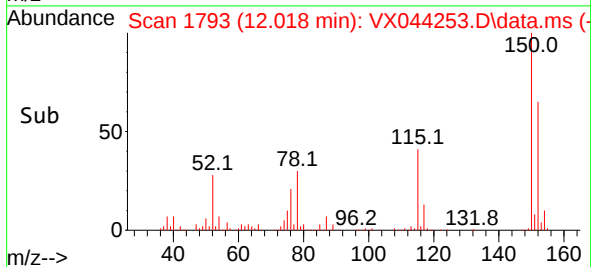
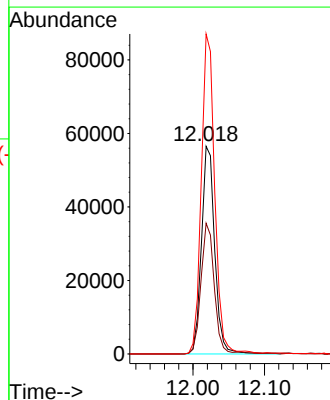
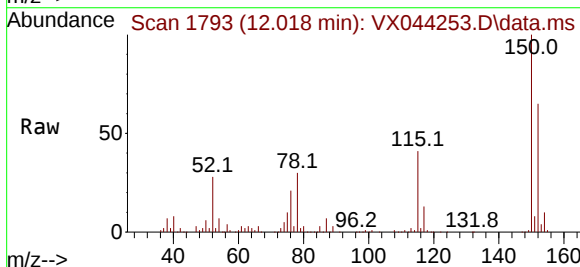
Tgt Ion:152 Resp: 73041

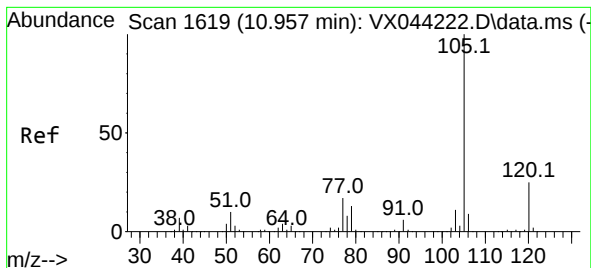
Ion Ratio Lower Upper

152 100

115 63.2 44.5 133.3

150 155.5 0.0 353.8





#73

Isopropylbenzene

Concen: 0.008 ug/l

RT: 10.970 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

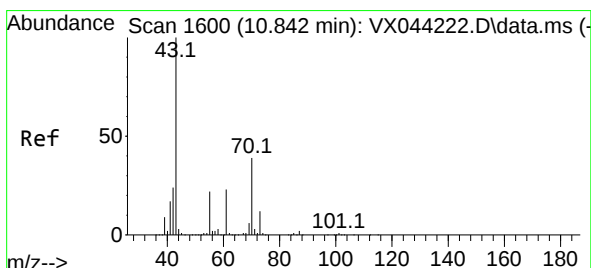
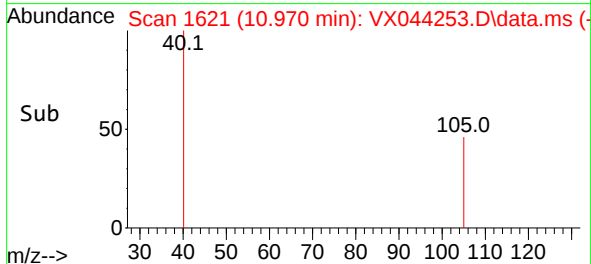
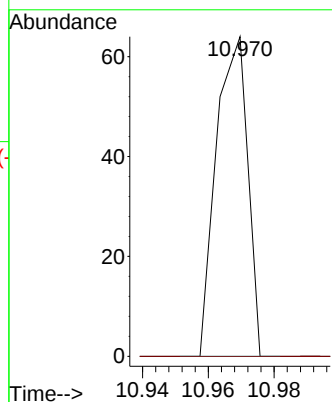
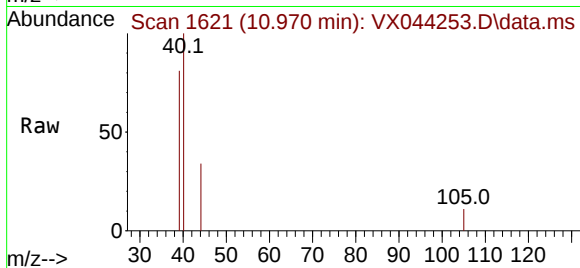
RE122D3-20241209

Tgt Ion:105 Resp: 42

Ion Ratio Lower Upper

105 100

120 0.0 13.1 39.3#



#74

N-ethyl acetate

Concen: 0.043 ug/l

RT: 11.073 min Scan# 1638

Delta R.T. 0.232 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Tgt Ion: 43 Resp: 110

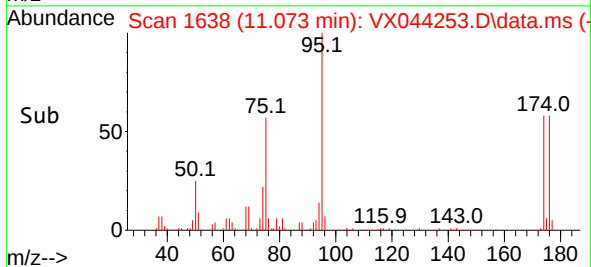
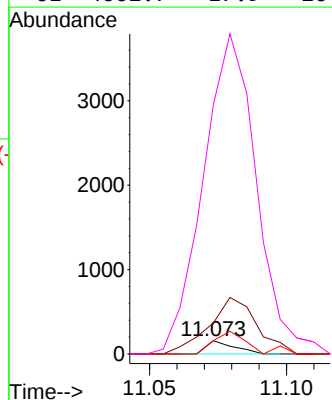
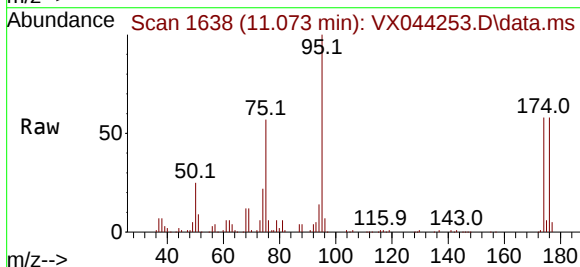
Ion Ratio Lower Upper

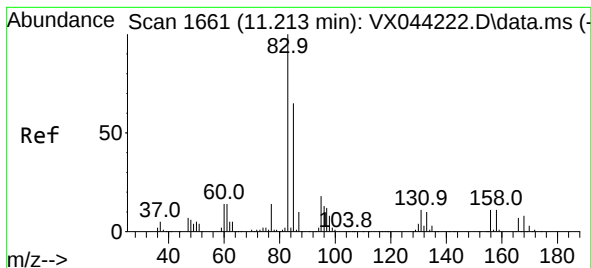
43 100

70 739.1 31.9 47.9#

55 220.9 17.9 26.9#

61 4662.7 17.9 26.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.014 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.134 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20241209

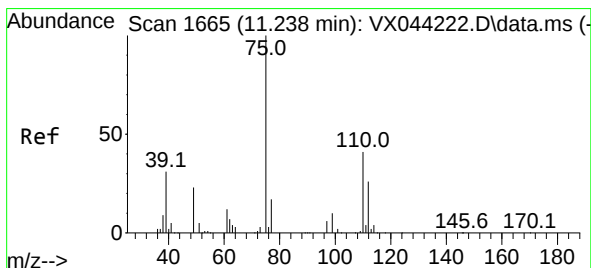
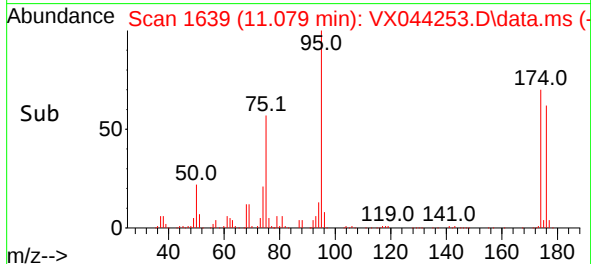
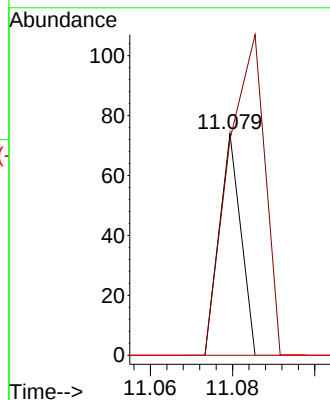
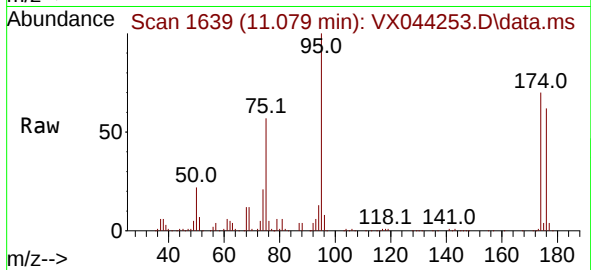
Tgt Ion: 83 Resp: 27

Ion Ratio Lower Upper

83 100

131 240.7 5.1 15.4#

85 0.0 32.5 97.4#



#76

1,2,3-Trichloropropane

Concen: 29.061 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044253.D

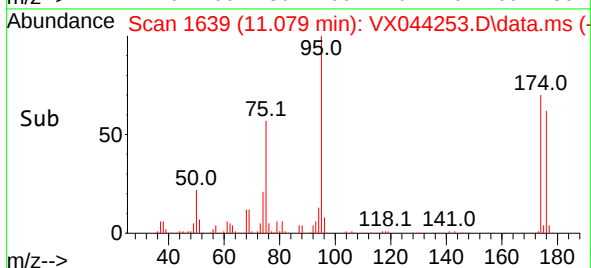
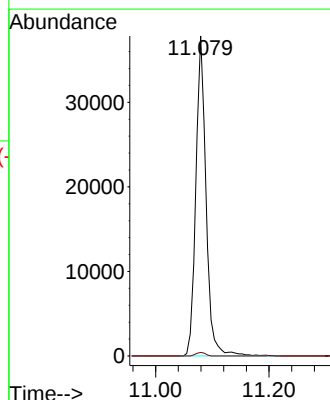
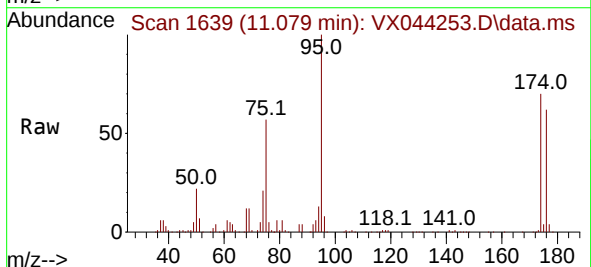
Acq: 12 Dec 2024 15:32

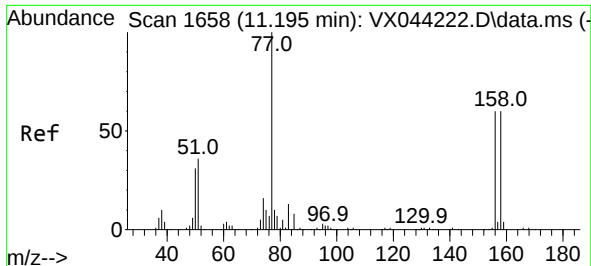
Tgt Ion: 75 Resp: 47394

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#

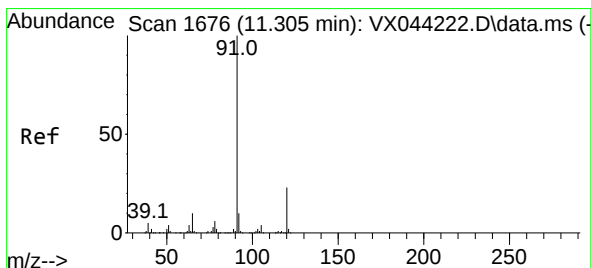
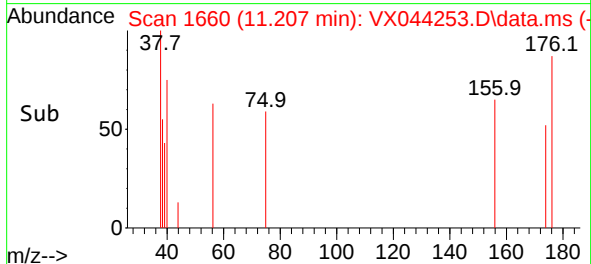
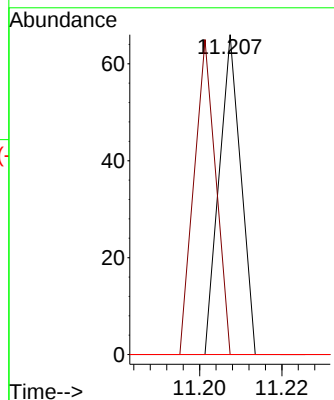
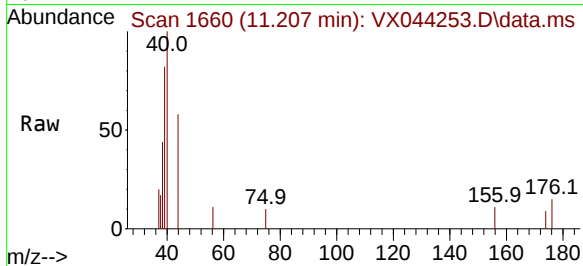




#77
Bromobenzene
Concen: 0.018 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

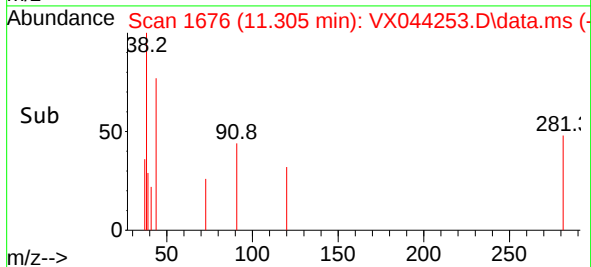
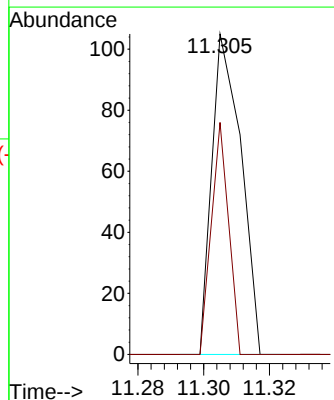
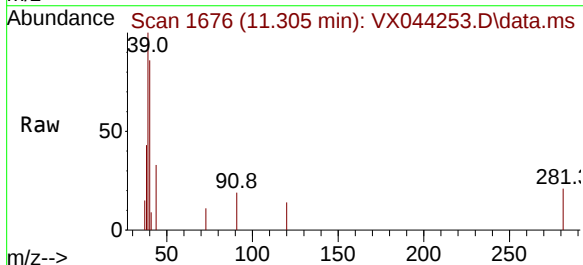
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

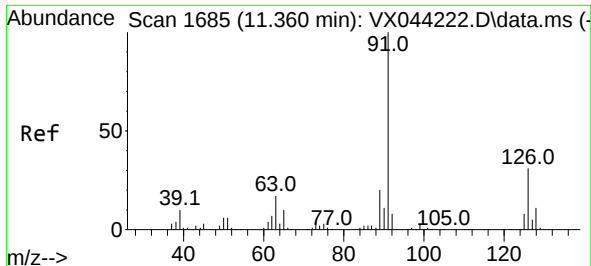
Tgt Ion:156 Resp: 24
Ion Ratio Lower Upper
156 100
77 100.0 82.6 247.8
158 0.0 48.8 146.4#



#78
n-propylbenzene
Concen: 0.011 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

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





#79

2-Chlorotoluene

Concen: 0.016 ug/l

RT: 11.384 min Scan# 1689

Delta R.T. 0.024 min

Lab File: VX044253.D

Acq: 12 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

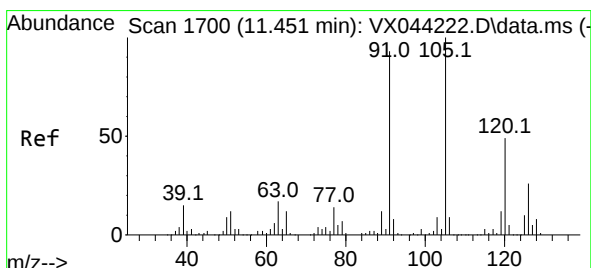
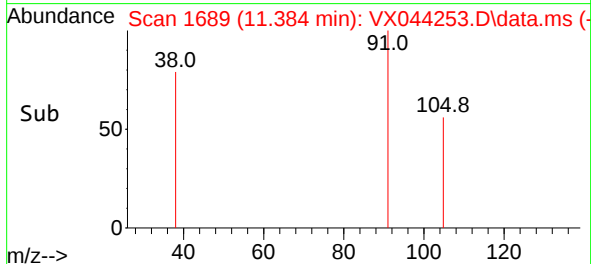
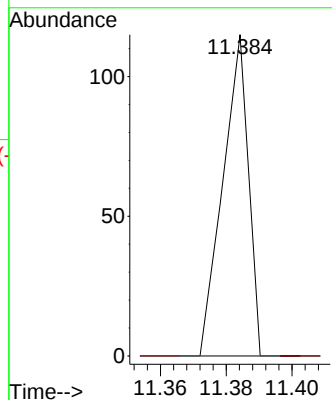
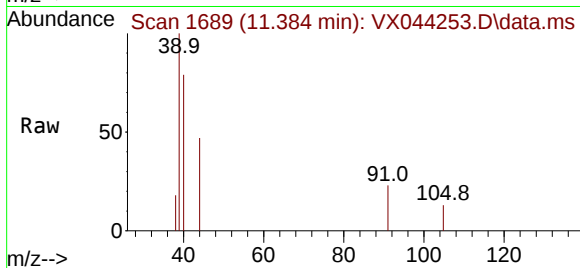
RE122D3-20241209

Tgt Ion: 91 Resp: 62

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



#80

1,3,5-Trimethylbenzene

Concen: 0.042 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044253.D

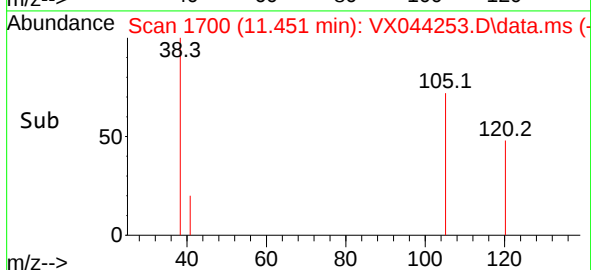
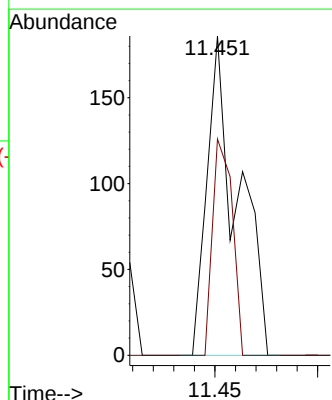
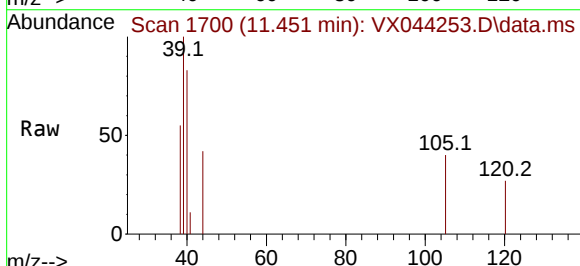
Acq: 12 Dec 2024 15:32

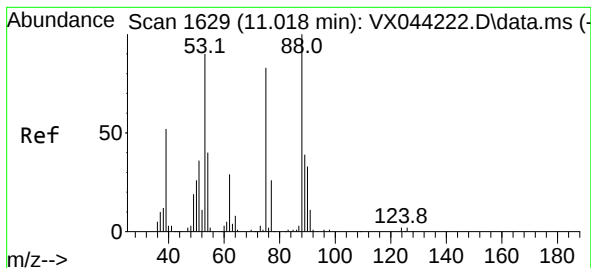
Tgt Ion: 105 Resp: 194

Ion Ratio Lower Upper

105 100

120 43.3 23.8 71.4

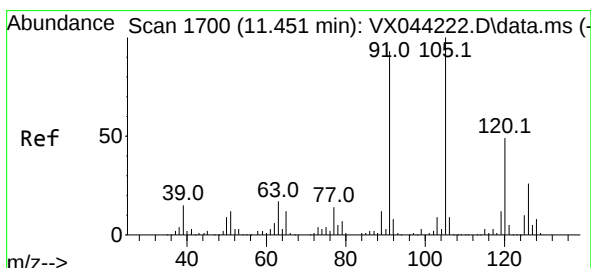
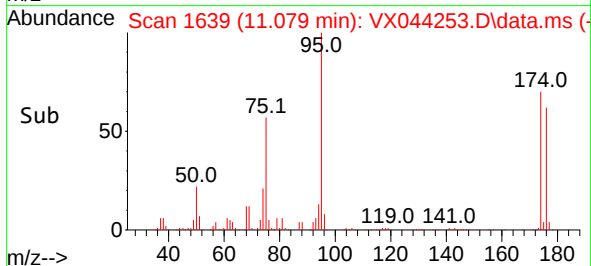
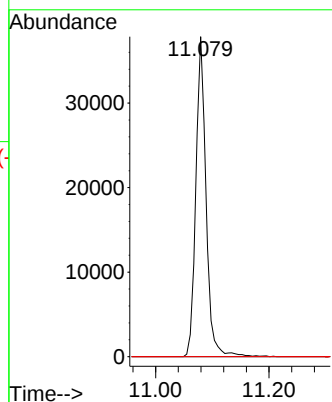
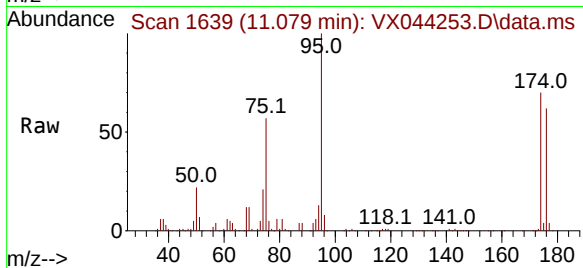




#81
trans-1,4-Dichloro-2-butene
Concen: 79.563 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

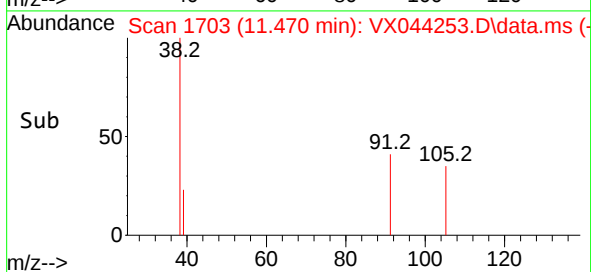
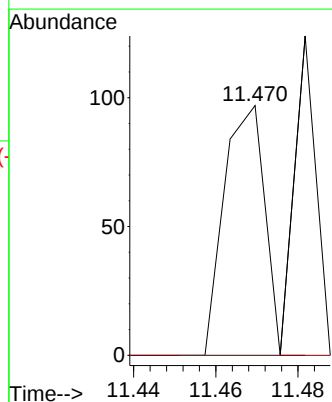
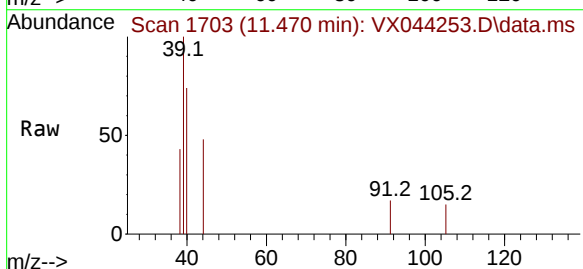
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

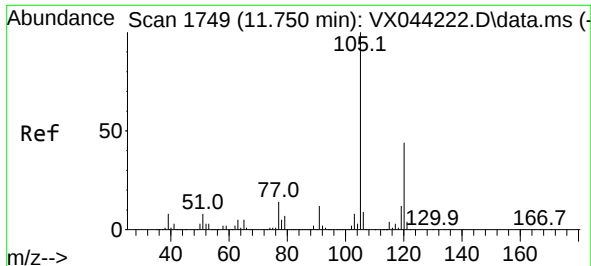
Tgt Ion: 75 Resp: 47394
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



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

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

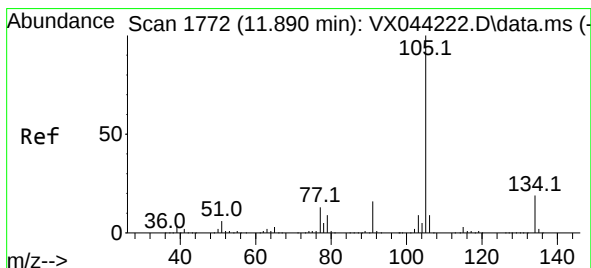
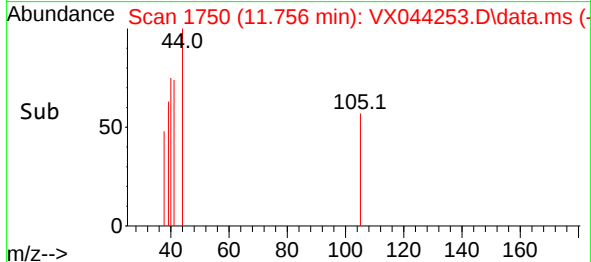
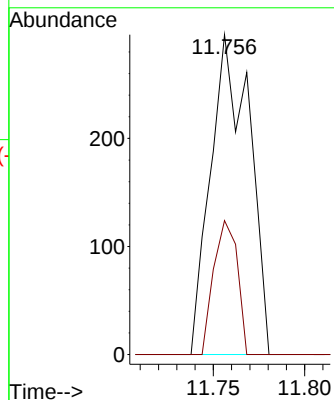
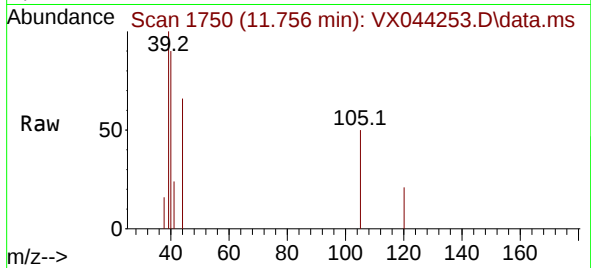




#84
1,2,4-Trimethylbenzene
Concen: 0.096 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

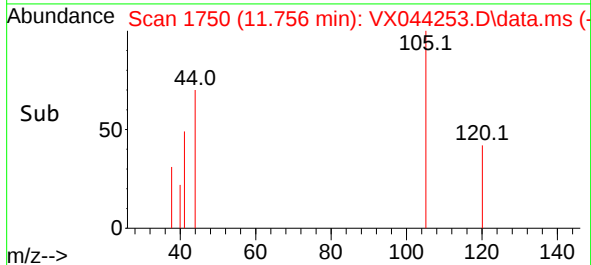
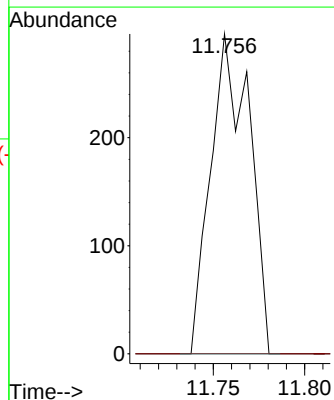
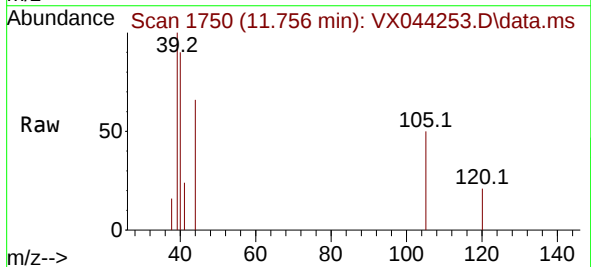
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

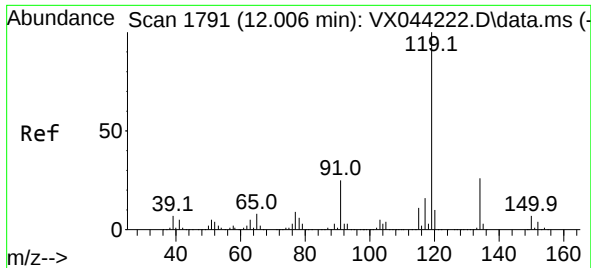
Tgt Ion:105 Resp: 437
Ion Ratio Lower Upper
105 100
120 25.6 21.7 65.1



#85
sec-Butylbenzene
Concen: 0.079 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion:105 Resp: 437
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

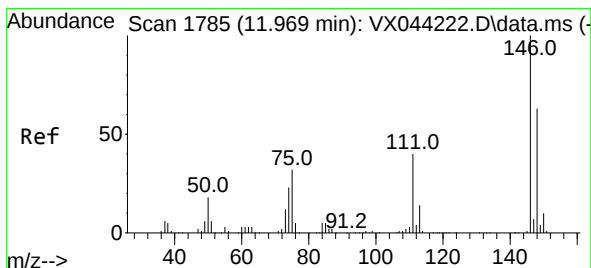
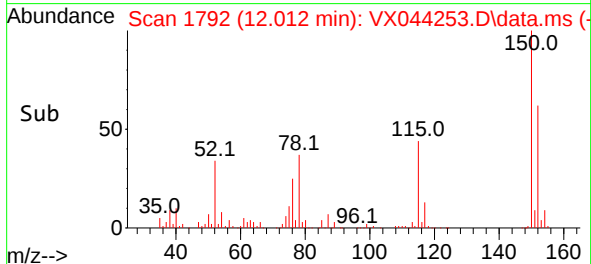
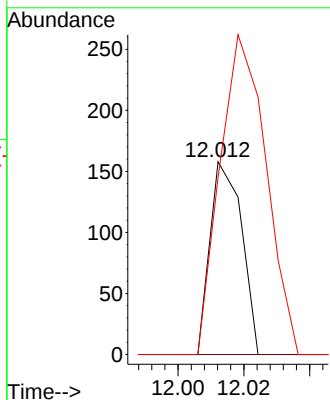
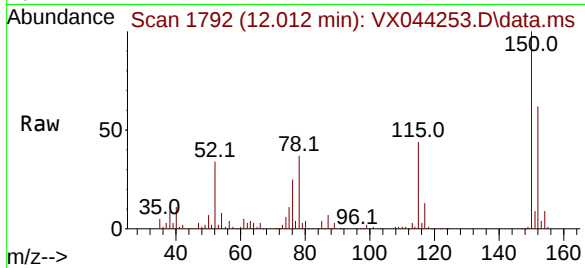




#86
p-Isopropyltoluene
Concen: 0.023 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

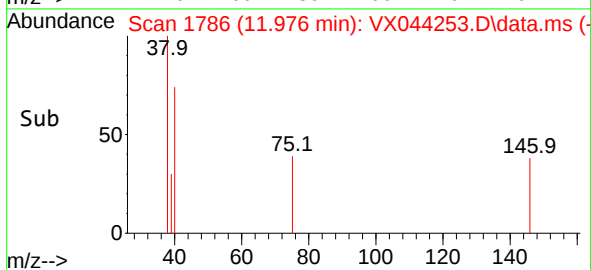
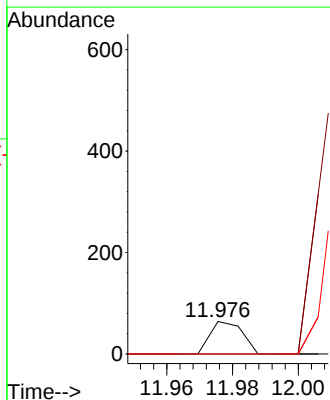
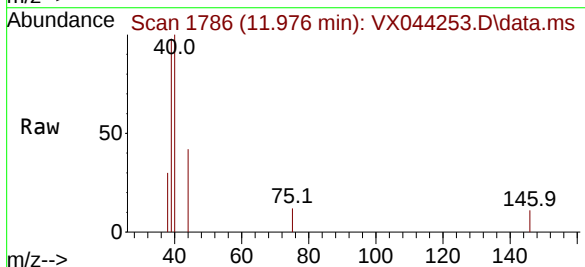
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

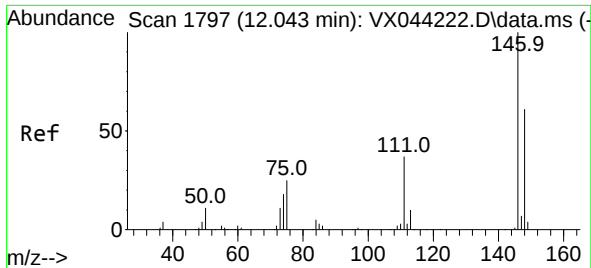
Tgt Ion:119 Resp: 105
Ion Ratio Lower Upper
119 100
134 0.0 12.8 38.4#
91 241.9 13.0 39.0#



#87
1,3-Dichlorobenzene
Concen: 0.019 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Tgt Ion:146 Resp: 44
Ion Ratio Lower Upper
146 100
111 0.0 21.4 64.2#
148 0.0 31.7 95.1#

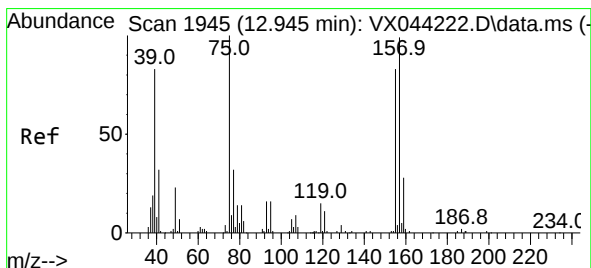
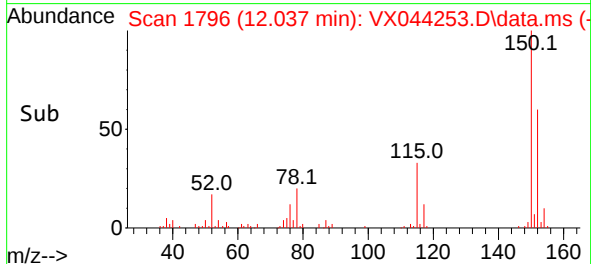
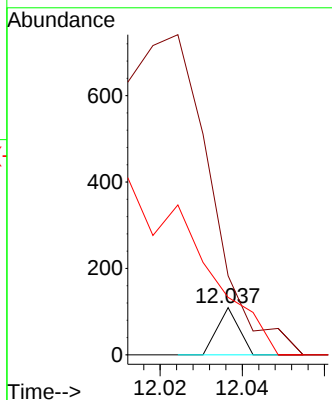
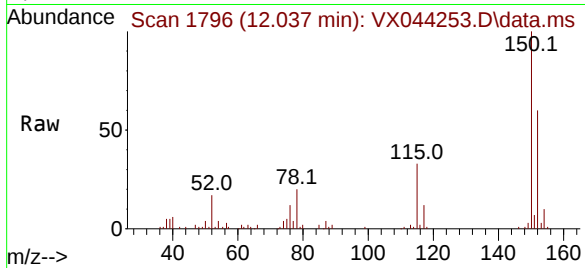




#88
1,4-Dichlorobenzene
Concen: 0.016 ug/l
RT: 12.037 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

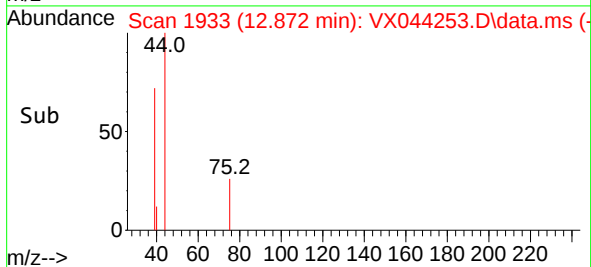
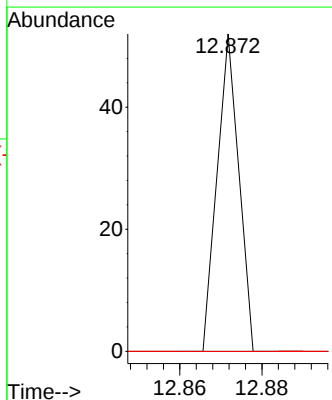
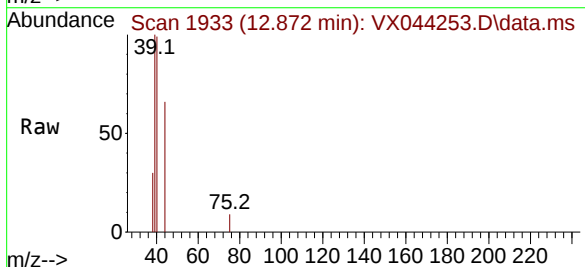
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209

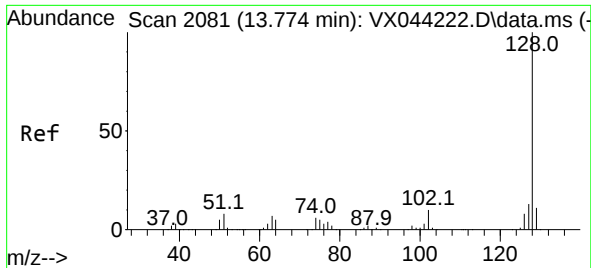
Tgt Ion:146 Resp: 40
Ion Ratio Lower Upper
146 100
111 0.0 21.0 63.0#
148 0.0 32.3 96.8#



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

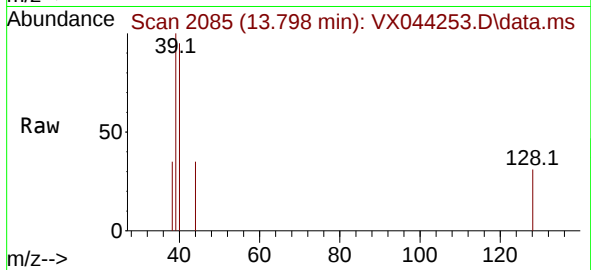
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.3#
157 0.0 47.2 141.6#





#95
Naphthalene
Concen: 0.038 ug/l
RT: 13.798 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX044253.D
Acq: 12 Dec 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20241209



Tgt Ion:	128	Resp:	201
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	0.0	9.0	13.4#

