

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044255.D
 Acq On : 12 Dec 2024 16:19
 Operator : JC/MD
 Sample : P5261-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20241209

Quant Time: Dec 13 01:45:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95649	50.096	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.200%
35) Dibromofluoromethane	5.385	113	67278	46.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	8.647	98	249191	51.533	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	11.079	95	81173	48.041	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	434	0.270	ug/l #	76
4) Vinyl Chloride	1.605	62	186	0.111	ug/l #	55
5) Bromomethane	1.593	94	342	0.287	ug/l #	43
6) Chloroethane	1.660	64	162	0.155	ug/l #	41
7) Trichlorofluoromethane	1.868	101	25	0.008	ug/l #	18
9) 1,1,2-Trichlorotrifluo...	2.319	101	3955	2.976	ug/l	97
11) Tert butyl alcohol	2.941	59	80	0.297	ug/l #	71
12) 1,1-Dichloroethene	2.307	96	299	0.245	ug/l #	78
13) Acrolein	2.118	56	20	0.051	ug/l #	34
14) Allyl chloride	2.642	41	209	0.103	ug/l #	76
15) Acrylonitrile	2.886	53	37	0.050	ug/l #	17
16) Acetone	2.386	43	1079	1.386	ug/l #	70
17) Carbon Disulfide	2.508	76	86	0.037	ug/l #	75
18) Methyl Acetate	2.715	43	247	0.123	ug/l #	54
20) Methylene Chloride	2.782	84	398	0.272	ug/l #	68
24) 1,1-Dichloroethane	3.605	63	768	0.301	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	510	0.310	ug/l	45
30) Chloroform	5.105	83	830	0.289	ug/l #	32
31) Cyclohexane	5.544	56	3186	1.546	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	10306	5.563	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12658	6.346	ug/l #	17
39) Methylcyclohexane	7.123	83	5764	2.602	ug/l #	1
40) Benzene	6.031	78	106	0.019	ug/l #	51
41) Methacrylonitrile	4.885	41	72	0.059	ug/l #	1
42) 1,2-Dichloroethane	6.074	62	95	0.041	ug/l #	78
43) Isopropyl Acetate	6.324	43	24	0.007	ug/l #	63
44) Trichloroethene	7.117	130	443030	315.824	ug/l	96
45) 1,2-Dichloropropane	7.275	63	23	0.016	ug/l #	44
48) Methyl methacrylate	7.702	41	131	0.075	ug/l #	1
51) 4-Methyl-2-Pentanone	8.641	43	1073	0.466	ug/l #	1
52) Toluene	8.720	92	48	0.014	ug/l #	1
55) 1,1,2-Trichloroethane	9.165	97	253	0.180	ug/l #	32
59) 2-Hexanone	9.482	43	38	0.023	ug/l #	26
60) Dibromochloromethane	9.275	129	1224	2.071	ug/l #	11
64) Tetrachloroethene	9.275	164	1048	0.879	ug/l	94
67) Ethyl Benzene	10.201	91	52	0.008	ug/l #	45

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 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)

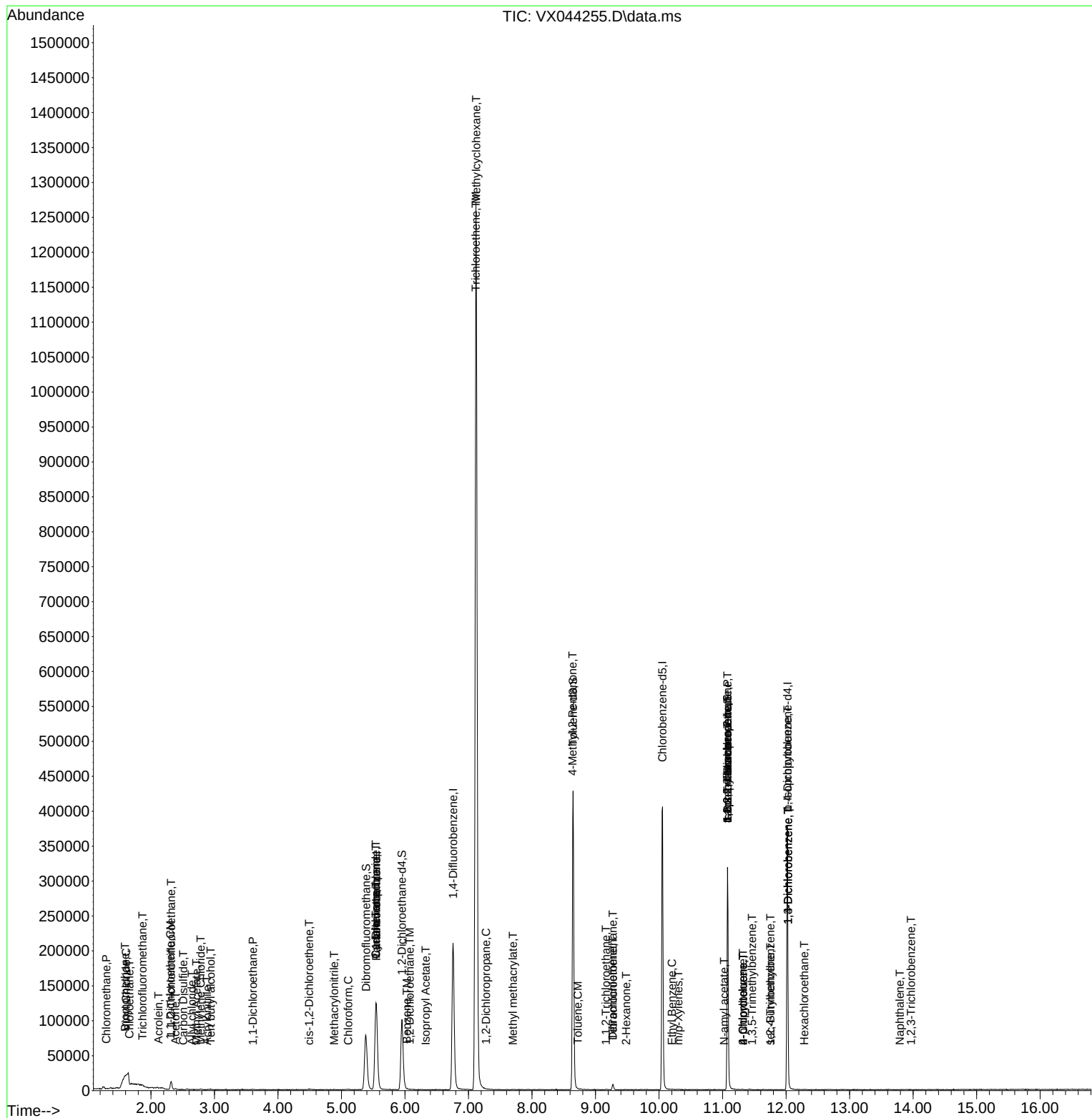
68) m/p-Xylenes	10.305	106	55	0.023	ug/l #	6
73) Isopropylbenzene	11.079	105	115	0.021	ug/l #	49
74) N-amyl acetate	11.024	43	53	0.021	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.079	83	132	0.069	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47423	29.665	ug/l #	36
78) n-propylbenzene	11.323	91	49	0.008	ug/l #	54
79) 2-Chlorotoluene	11.323	91	49	0.013	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.463	105	21	0.005	ug/l #	29
81) trans-1,4-Dichloro-2-b...	11.079	75	47423	81.099	ug/l #	4
82) 4-Chlorotoluene	11.323	91	49	0.011	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.756	105	42	0.009	ug/l #	32
85) sec-Butylbenzene	11.756	105	42	0.008	ug/l #	57
86) p-Isopropyltoluene	12.024	119	22	0.005	ug/l #	1
87) 1,3-Dichlorobenzene	12.030	146	116	0.050	ug/l #	1
88) 1,4-Dichlorobenzene	12.030	146	116	0.049	ug/l #	1
90) Hexachloroethane	12.286	117	19	0.029	ug/l #	19
95) Naphthalene	13.792	128	76	0.015	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	22	0.016	ug/l #	12

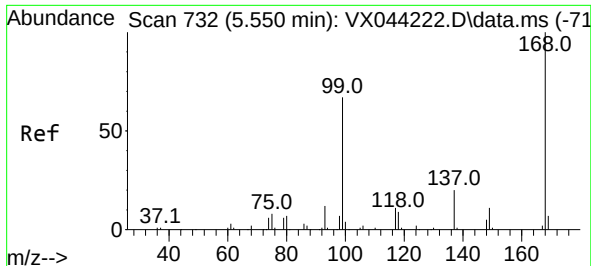
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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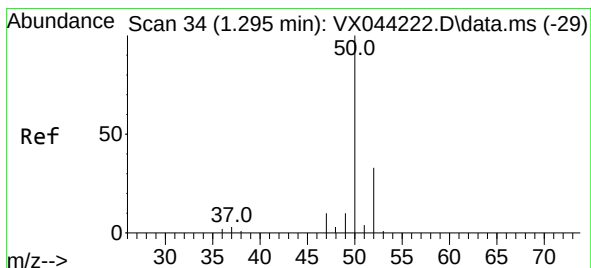
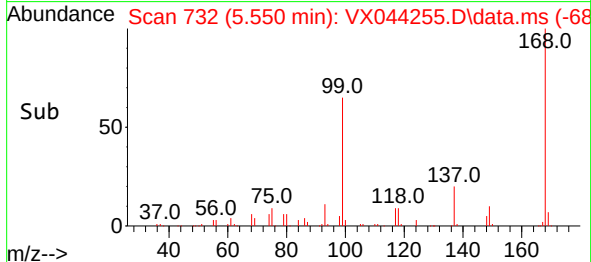
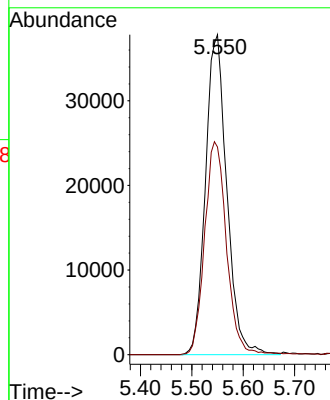
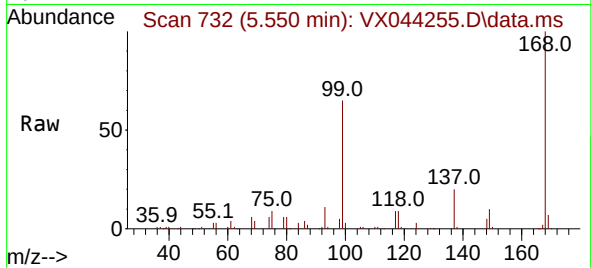




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

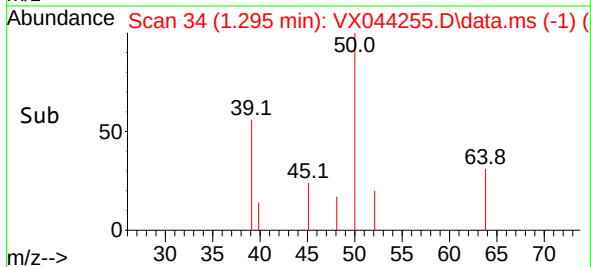
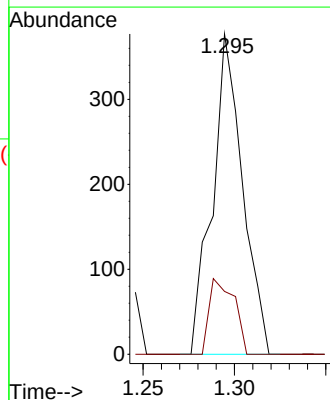
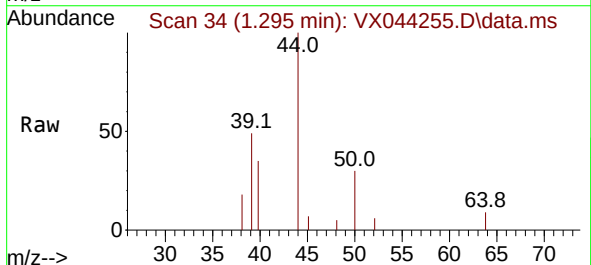
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

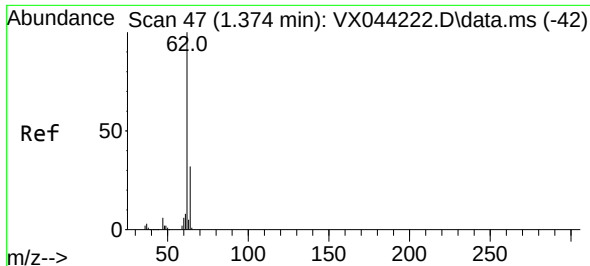
Tgt Ion:168 Resp: 108897
Ion Ratio Lower Upper
168 100
99 64.9 53.4 80.0



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 50 Resp: 434
Ion Ratio Lower Upper
50 100
52 19.6 26.5 39.7#

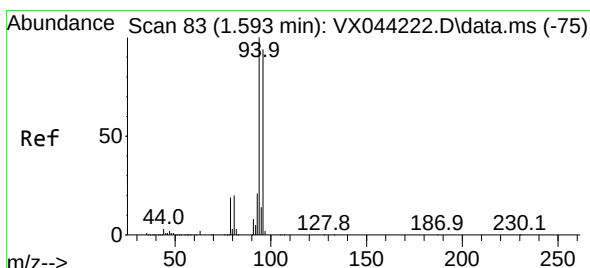
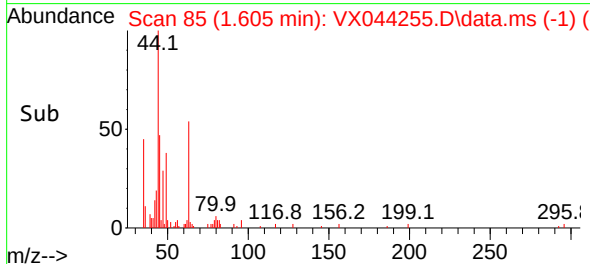
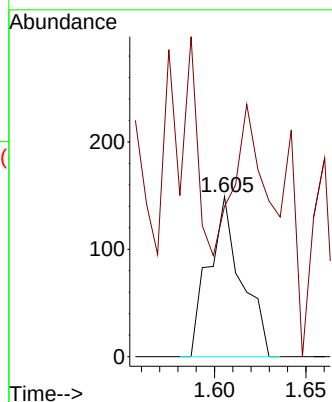
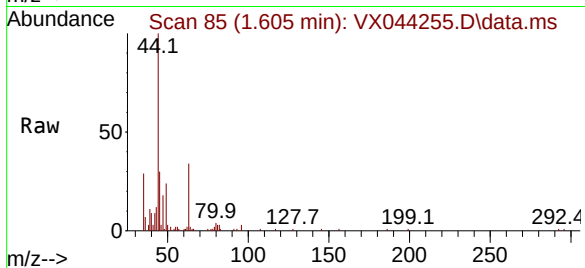




#4
Vinyl Chloride
Concen: 0.111 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.232 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

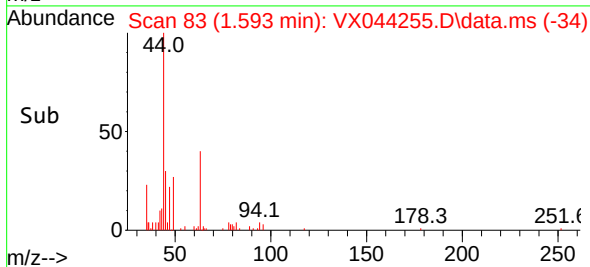
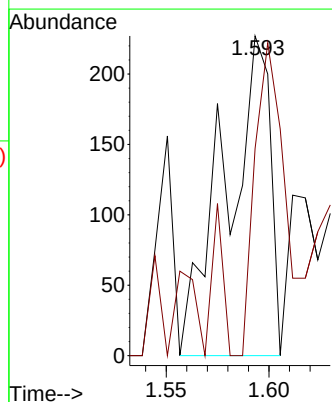
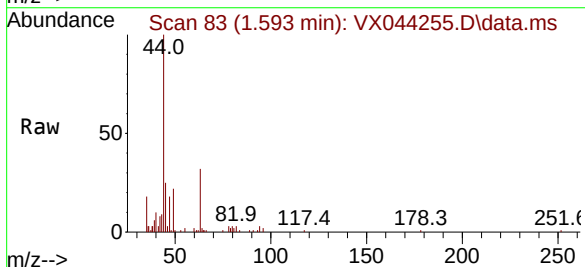
Instrument :
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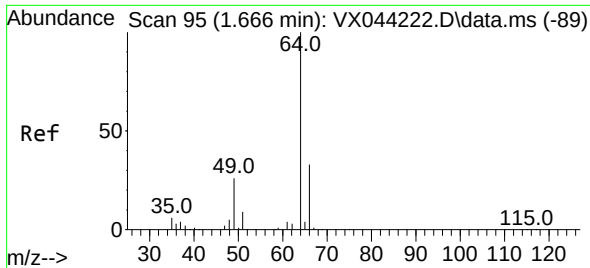
Tgt Ion: 62 Resp: 186
Ion Ratio Lower Upper
62 100
64 6.7 25.7 38.5#



#5
Bromomethane
Concen: 0.287 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 38.3 74.9 112.3#

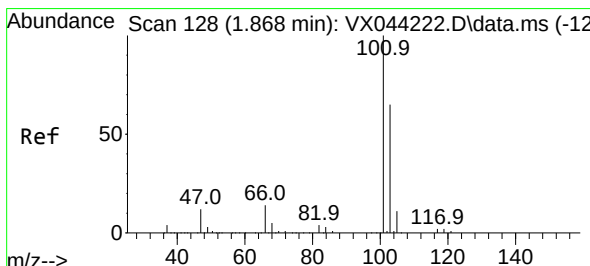
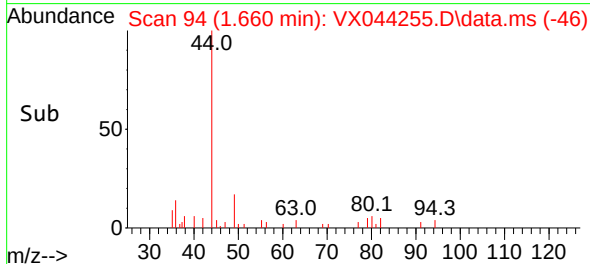
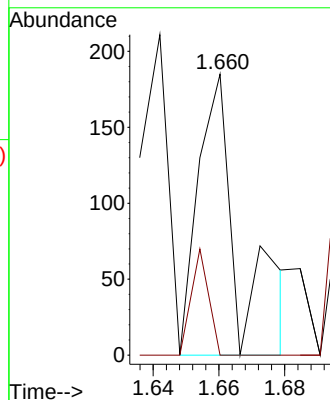
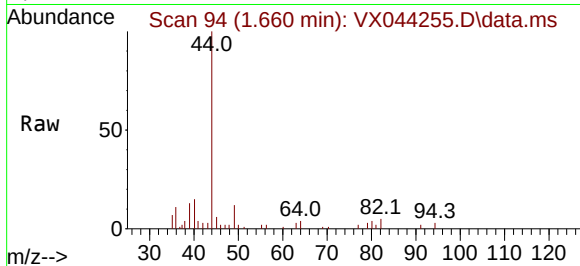




#6
Chloroethane
Concen: 0.155 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

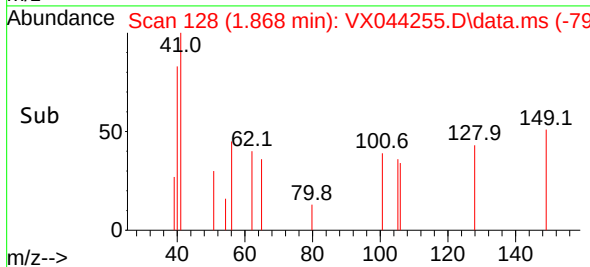
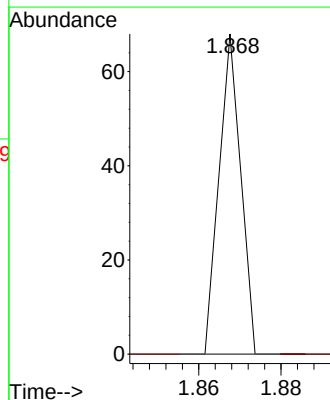
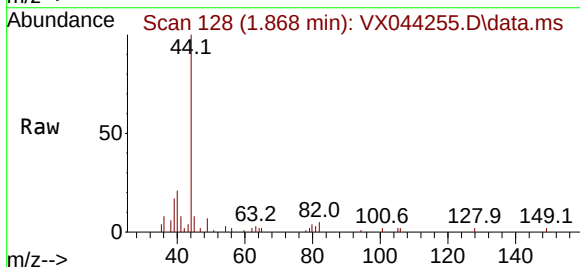
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

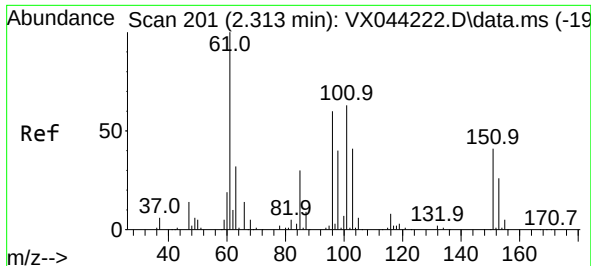
Tgt Ion: 64 Resp: 162
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#7
Trichlorofluoromethane
Concen: 0.008 ug/l
RT: 1.868 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion:101 Resp: 25
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.8#

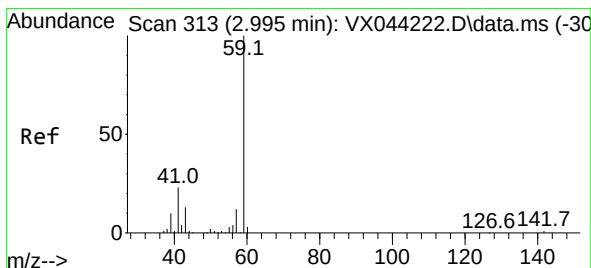
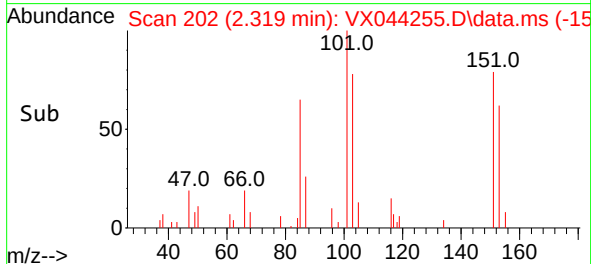
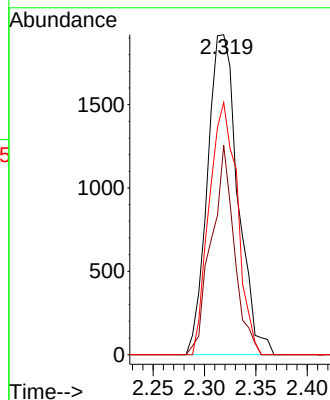
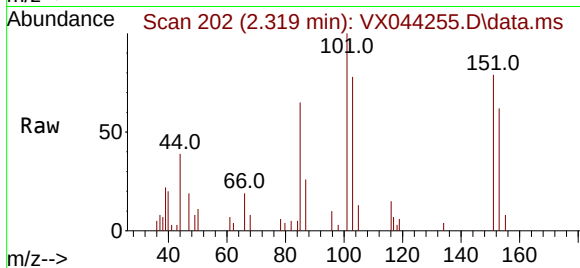




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.976 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

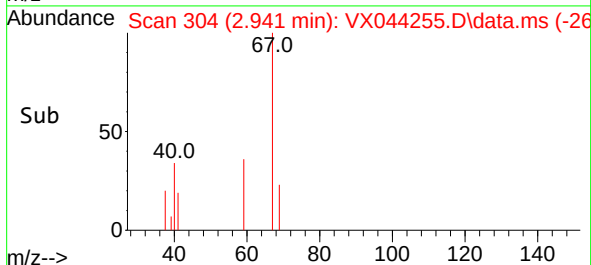
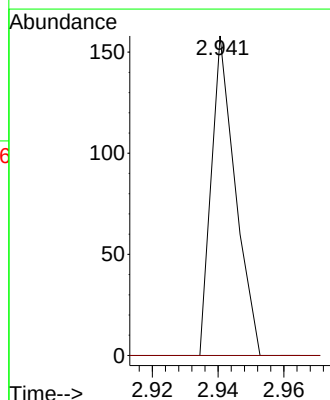
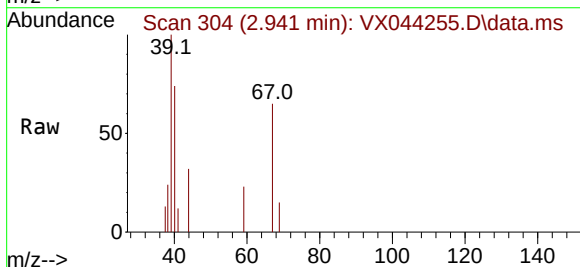
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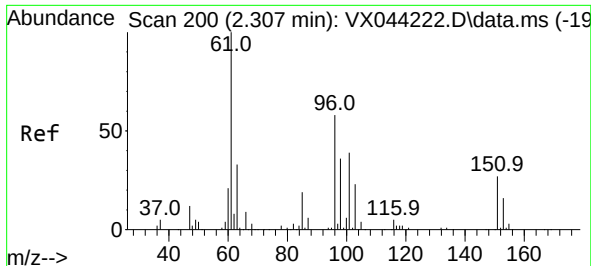
Tgt Ion:101 Resp: 3955
Ion Ratio Lower Upper
101 100
85 49.4 38.5 57.7
151 72.7 55.8 83.6



#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

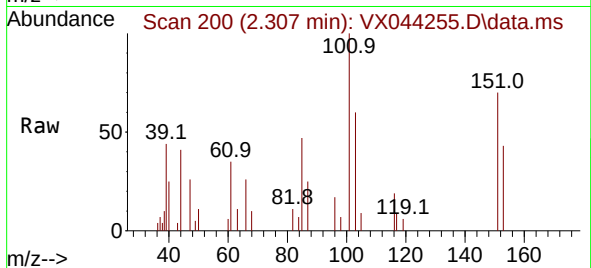
Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



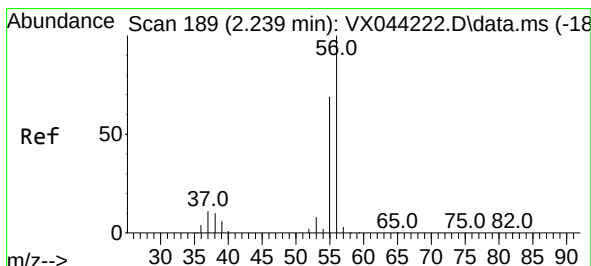
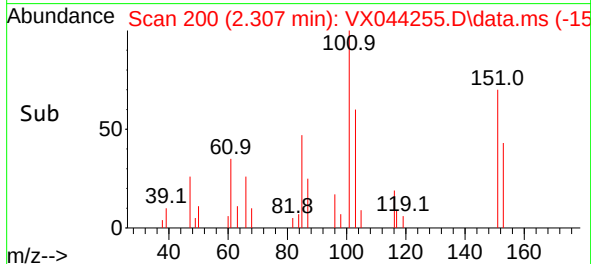
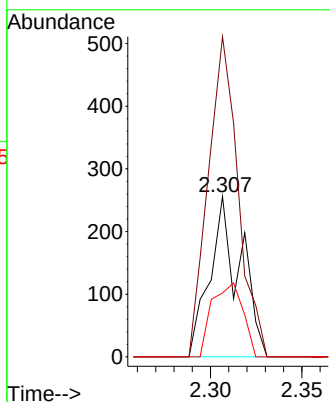


#12
1,1-Dichloroethene
Concen: 0.245 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.000 min
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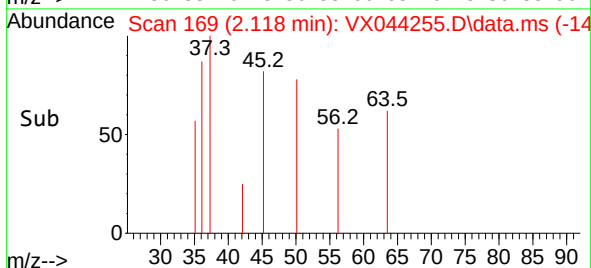
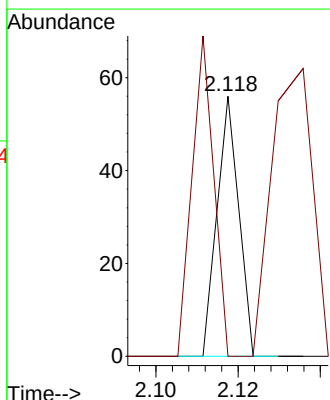
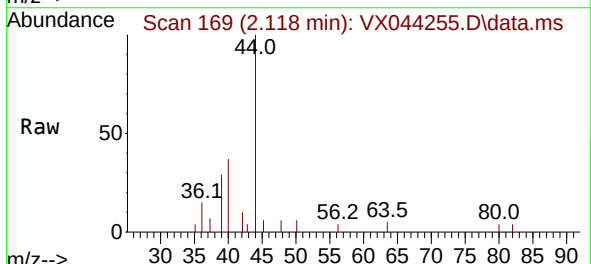


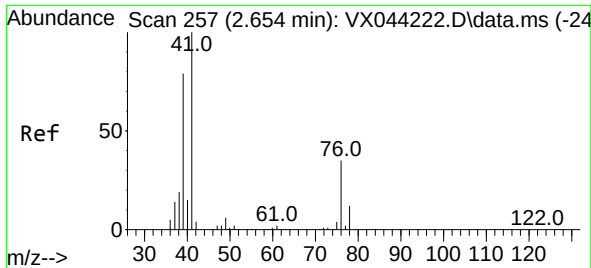
Tgt Ion: 96 Resp: 299
Ion Ratio Lower Upper
96 100
61 199.6 138.0 207.0
98 39.8 50.0 75.0#



#13
Acrolein
Concen: 0.051 ug/l
RT: 2.118 min Scan# 169
Delta R.T. -0.122 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 125.0 56.6 84.8#

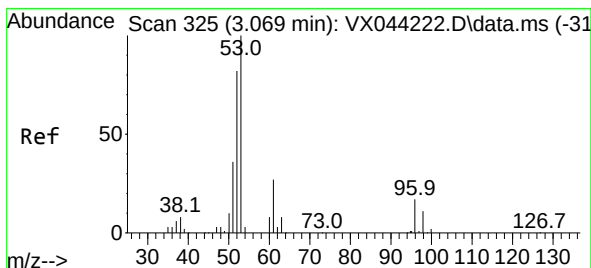
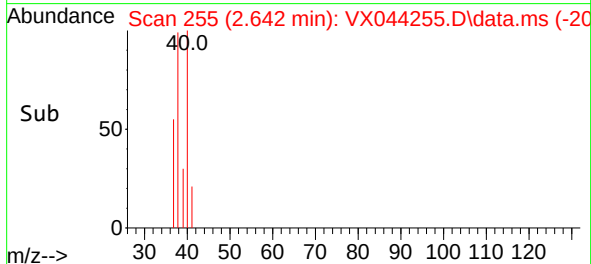
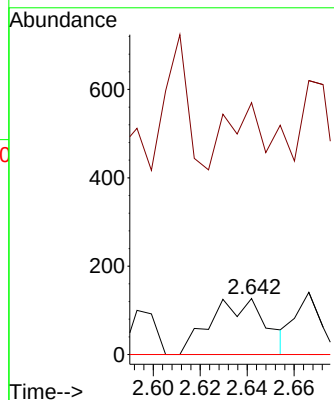
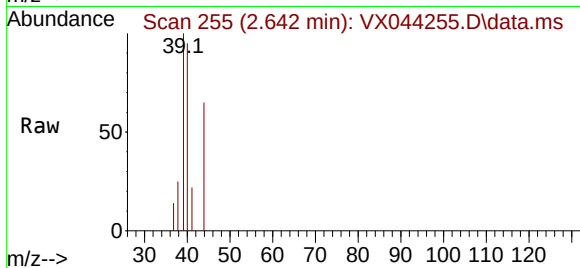




#14
 Allyl chloride
 Concen: 0.103 ug/l
 RT: 2.642 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VX044255.D
 Acq: 12 Dec 2024 16:19

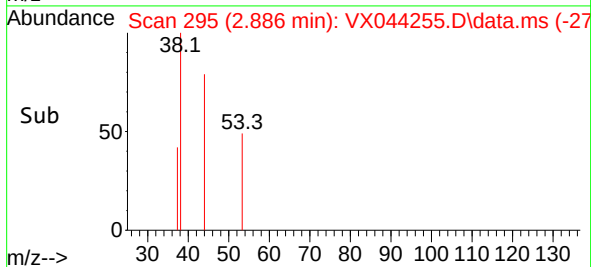
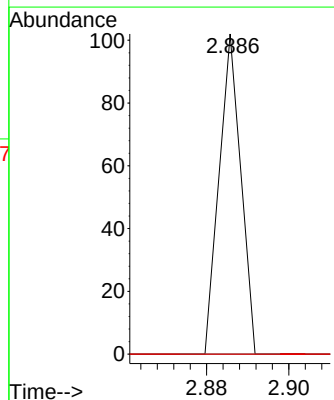
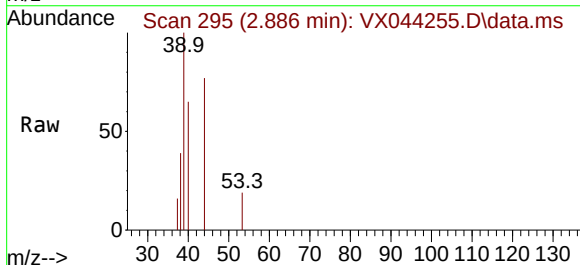
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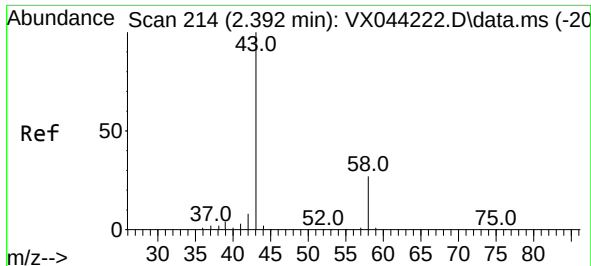
Tgt Ion:	41	Resp:	209
Ion	Ratio	Lower	Upper
41	100		
39	69.9	61.9	92.9
76	0.0	27.4	41.2#



#15
 Acrylonitrile
 Concen: 0.050 ug/l
 RT: 2.886 min Scan# 295
 Delta R.T. -0.183 min
 Lab File: VX044255.D
 Acq: 12 Dec 2024 16:19

Tgt Ion:	53	Resp:	37
Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.4	101.0#
51	0.0	30.3	45.5#

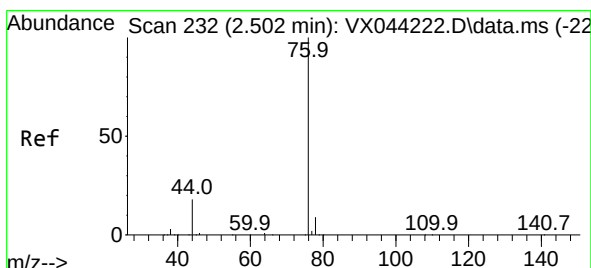
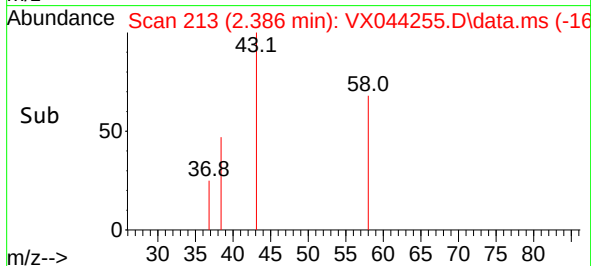
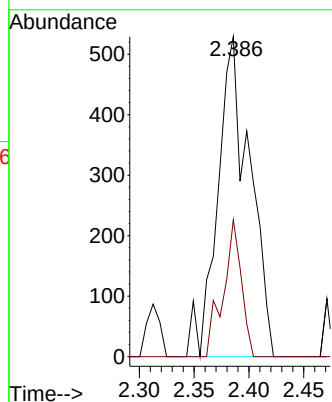
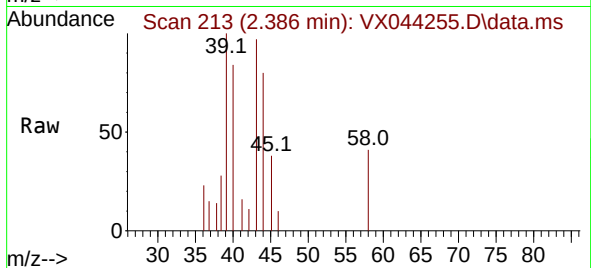




#16
Acetone
Concen: 1.386 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

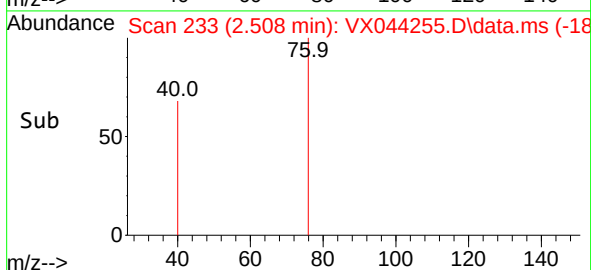
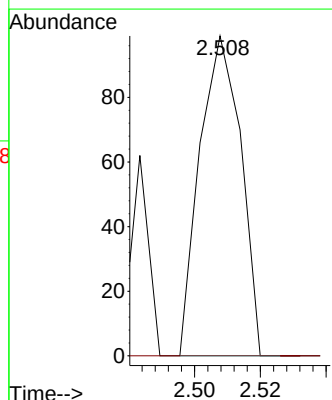
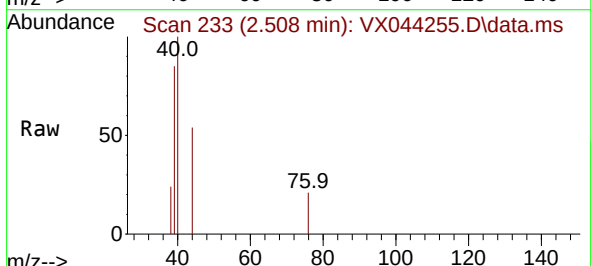
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

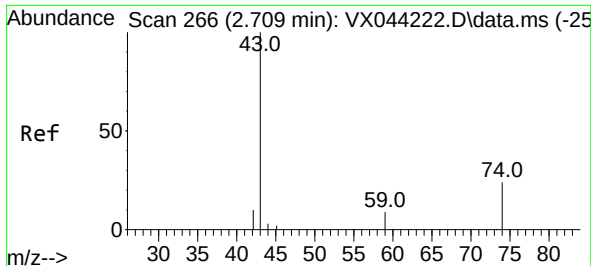
Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
58 42.7 21.6 32.4#



#17
Carbon Disulfide
Concen: 0.037 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 76 Resp: 86
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

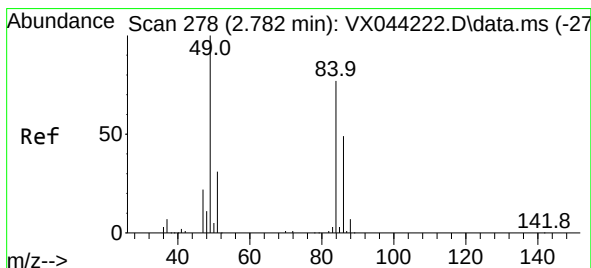
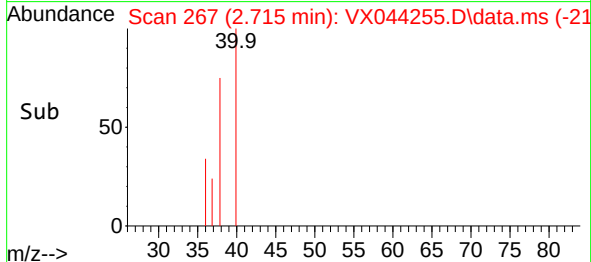
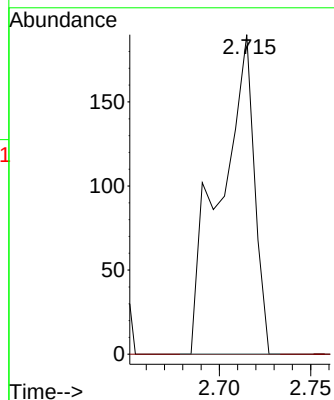
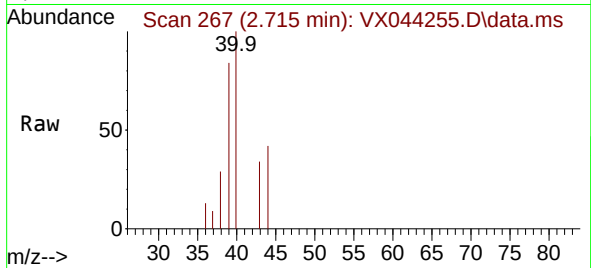




#18
Methyl Acetate
Concen: 0.123 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

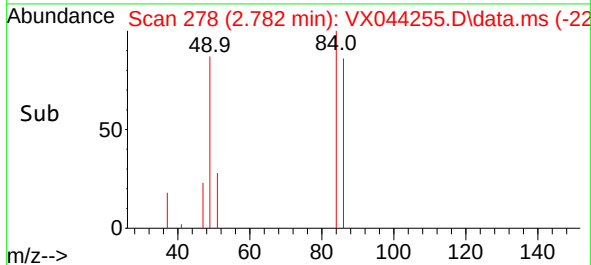
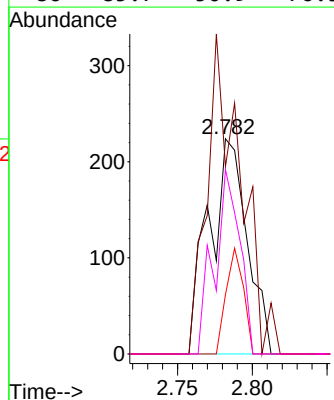
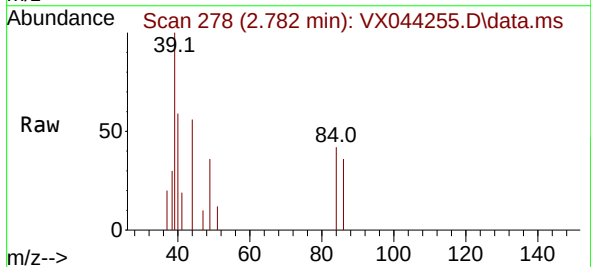
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

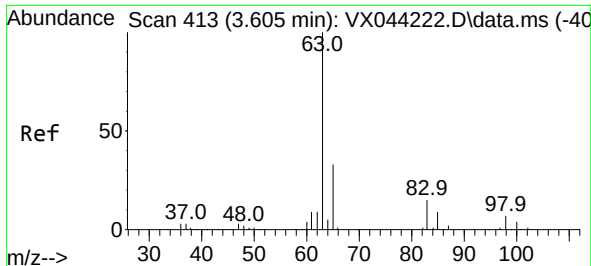
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 84 Resp: 398
Ion Ratio Lower Upper
84 100
49 87.1 104.2 156.4#
51 27.7 32.2 48.4#
86 85.7 50.9 76.3#

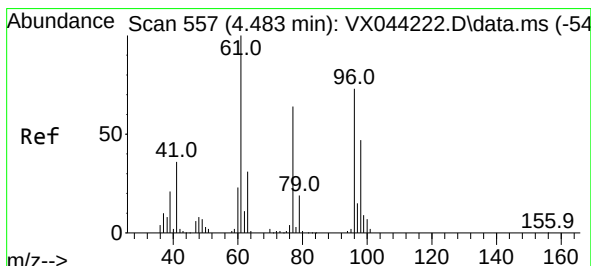
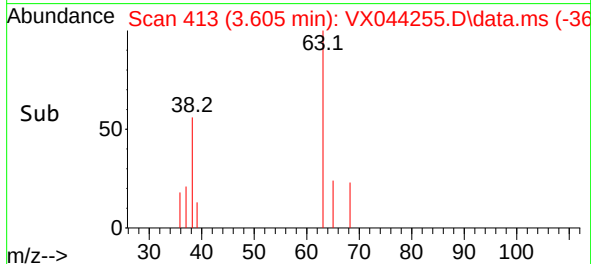
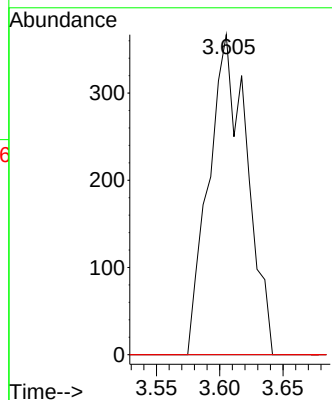
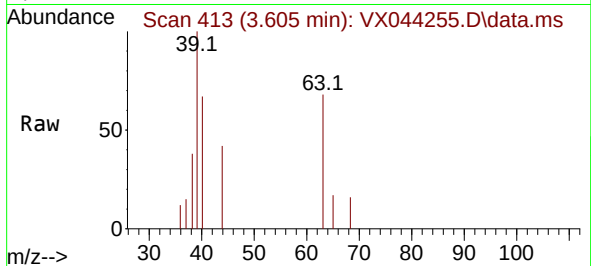




#24
1,1-Dichloroethane
Concen: 0.301 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

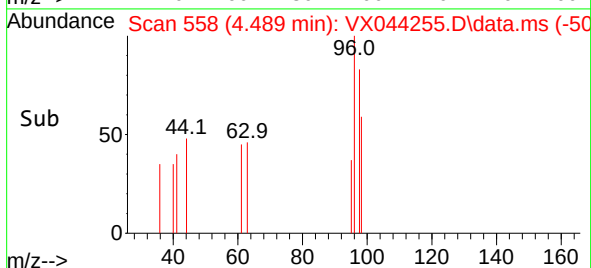
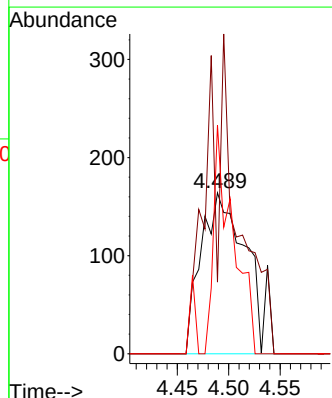
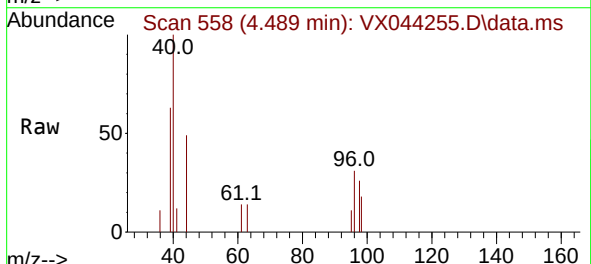
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

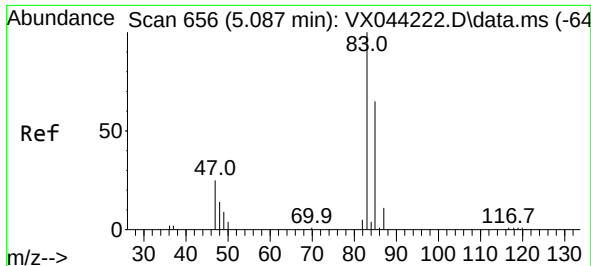
Tgt Ion: 63 Resp: 768
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.1 6.3#



#27
cis-1,2-Dichloroethene
Concen: 0.310 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 96 Resp: 510
Ion Ratio Lower Upper
96 100
61 52.0 0.0 299.0
98 60.2 0.0 129.0

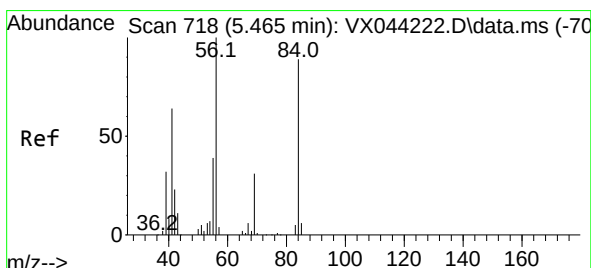
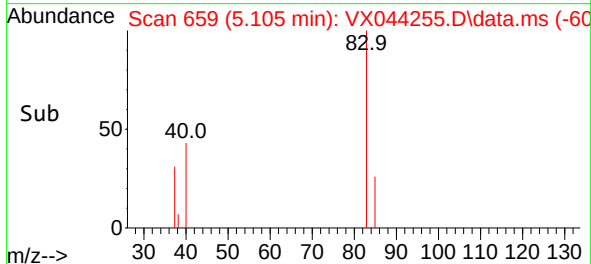
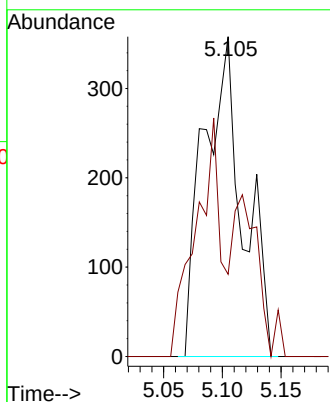
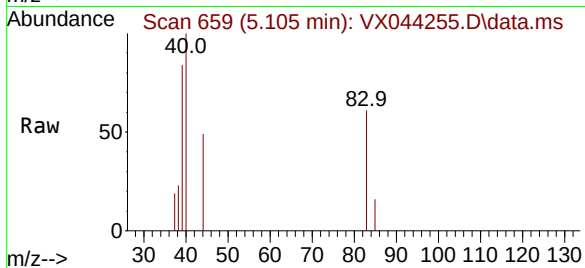




#30
Chloroform
Concen: 0.289 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

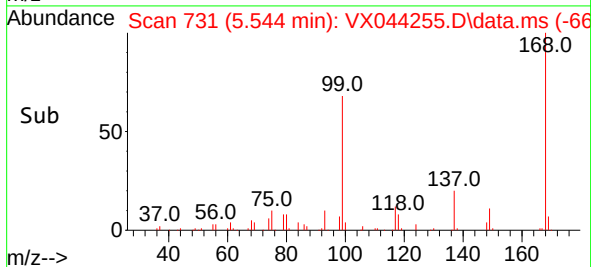
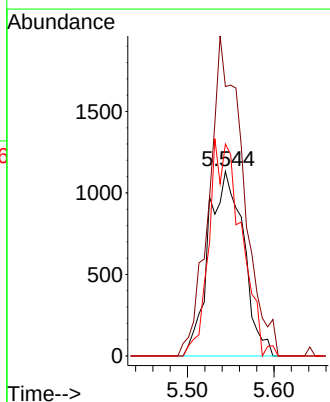
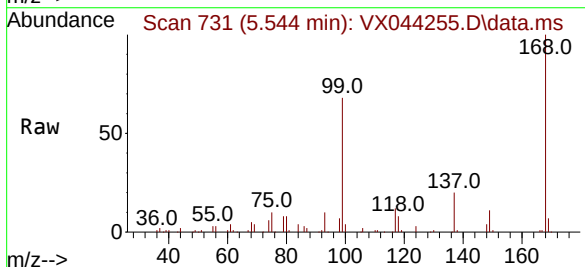
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

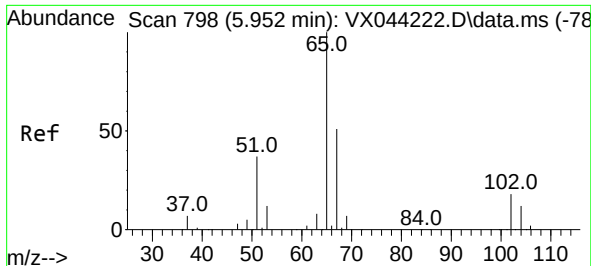
Tgt Ion: 83 Resp: 830
Ion Ratio Lower Upper
83 100
85 11.2 51.6 77.4#



#31
Cyclohexane
Concen: 1.546 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 56 Resp: 3186
Ion Ratio Lower Upper
56 100
69 145.9 24.7 37.1#
84 114.7 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 50.096 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

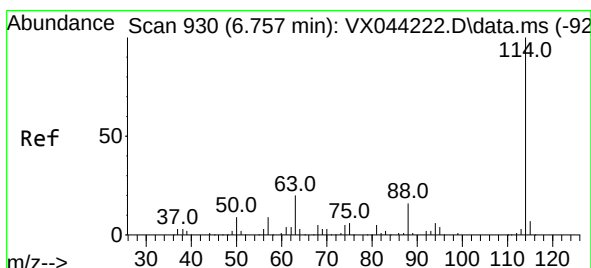
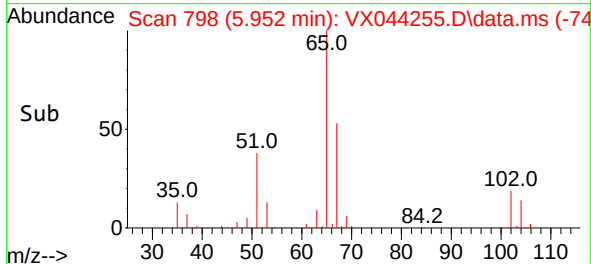
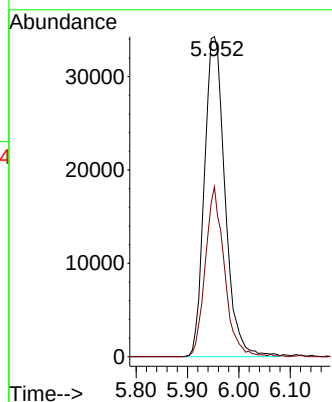
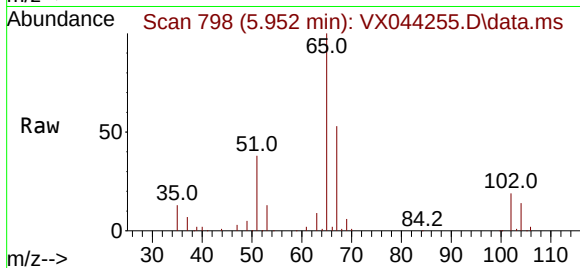
RE103D2-20241209

Tgt Ion: 65 Resp: 95649

Ion Ratio Lower Upper

65 100

67 49.1 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: VX044255.D

Acq: 12 Dec 2024 16:19

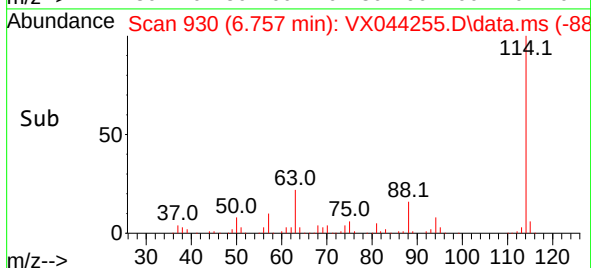
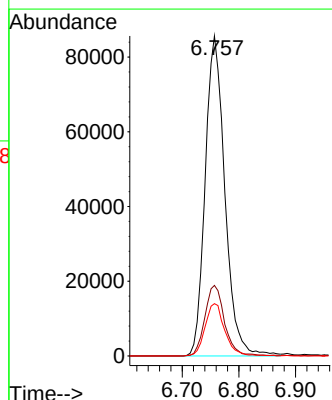
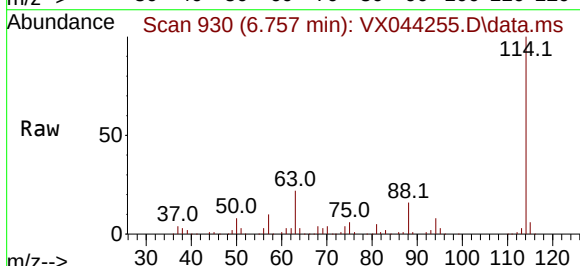
Tgt Ion: 114 Resp: 206947

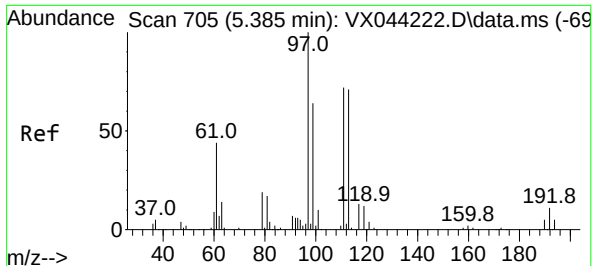
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.6

88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.939 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX044255.D

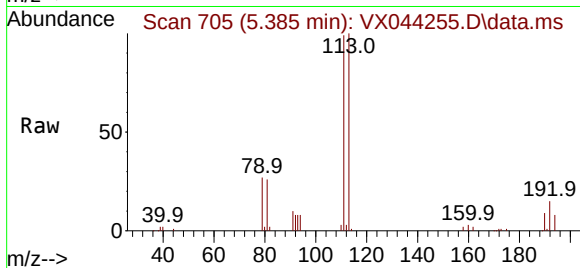
Acq: 12 Dec 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20241209



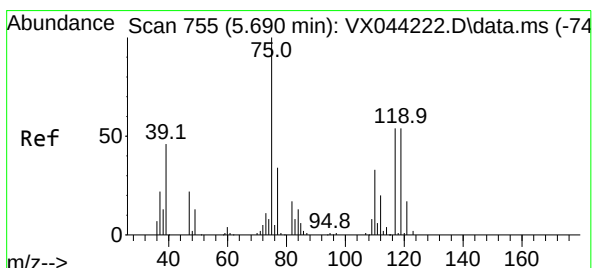
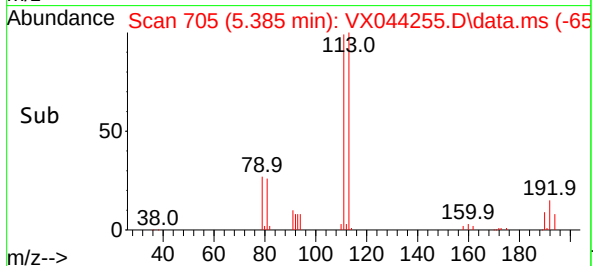
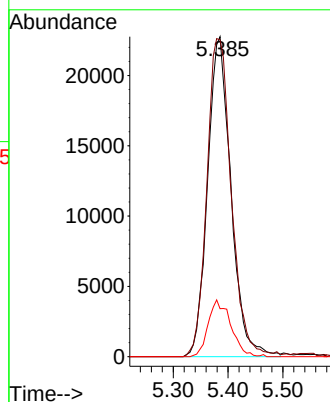
Tgt Ion:113 Resp: 67278

Ion Ratio Lower Upper

113 100

111 104.0 80.4 120.6

192 17.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.563 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

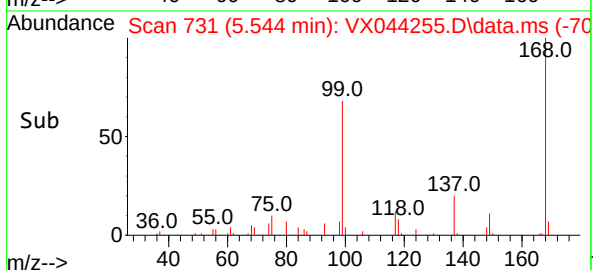
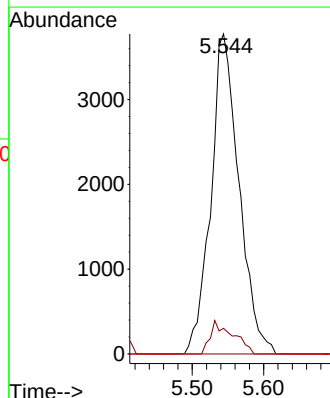
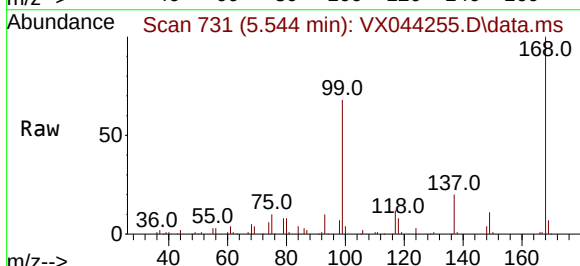
Tgt Ion: 75 Resp: 10306

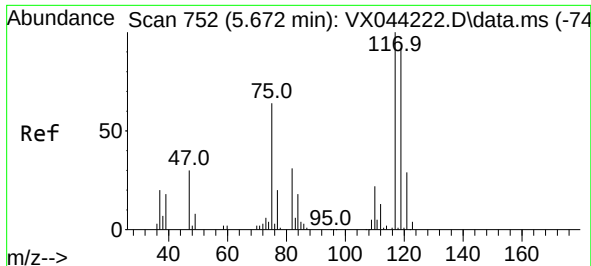
Ion Ratio Lower Upper

75 100

110 8.4 17.3 51.7#

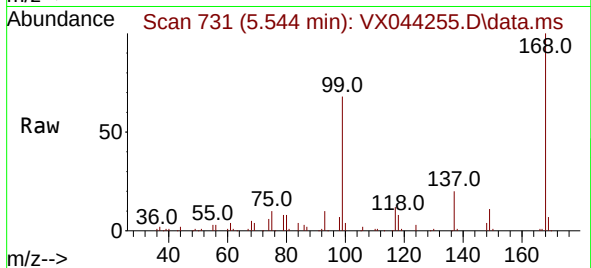
77 0.0 25.4 38.0#



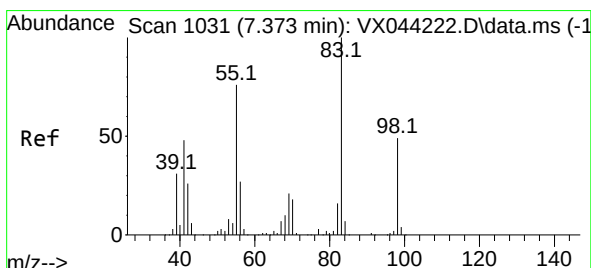
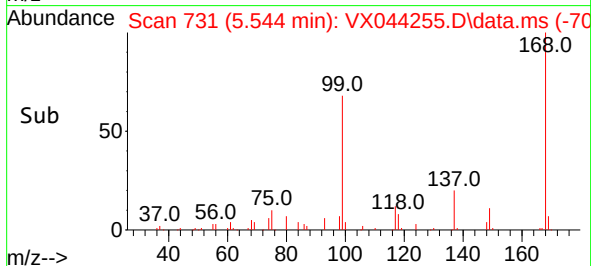
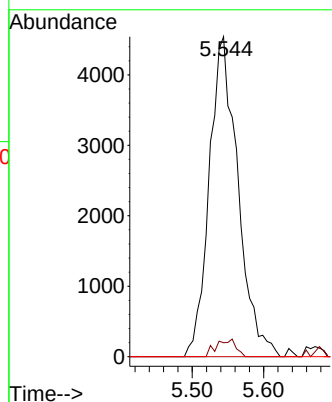


#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

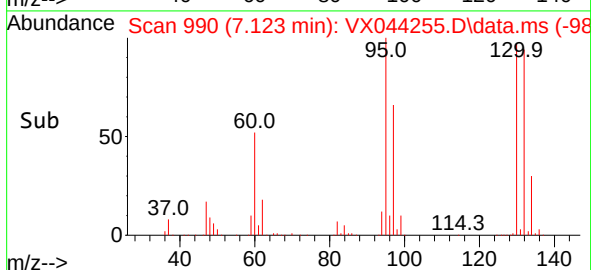
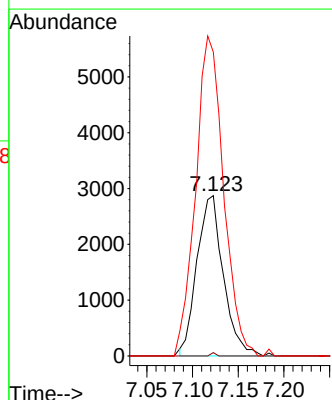
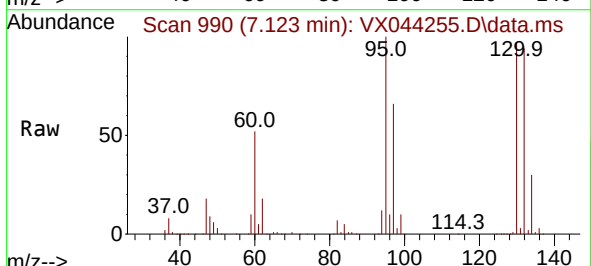


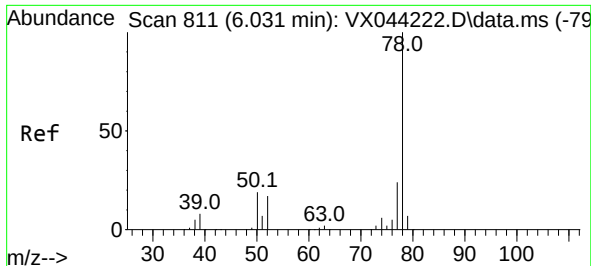
Tgt Ion:117 Resp: 12658
Ion Ratio Lower Upper
117 100
119 4.4 74.2 111.4#
121 0.0 23.0 34.6#



#39
Methylcyclohexane
Concen: 2.602 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 83 Resp: 5764
Ion Ratio Lower Upper
83 100
55 2.1 60.7 91.1#
98 189.5 38.9 58.3#





#40

Benzene

Concen: 0.019 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

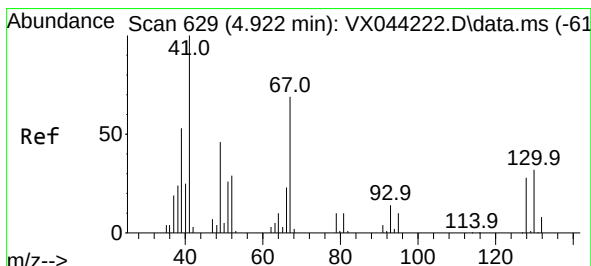
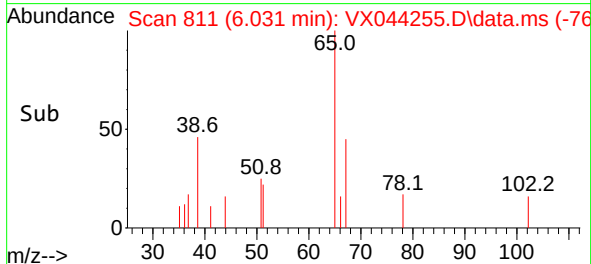
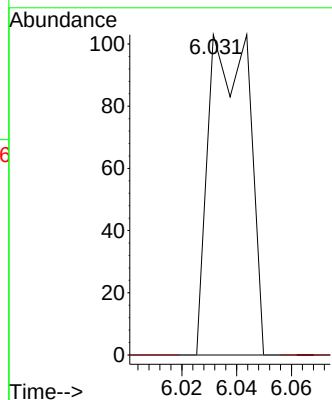
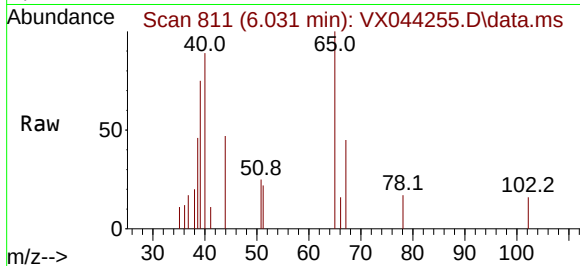
RE103D2-20241209

Tgt Ion: 78 Resp: 106

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.059 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.037 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Tgt Ion: 41 Resp: 72

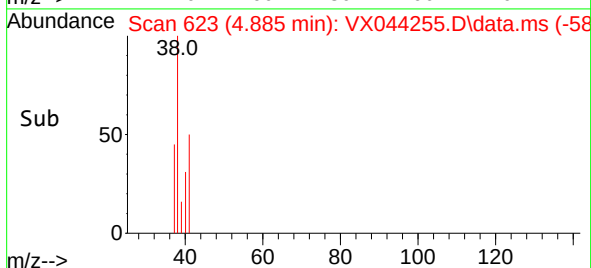
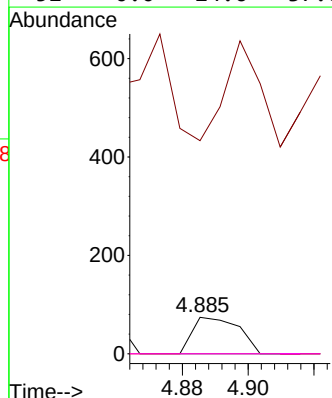
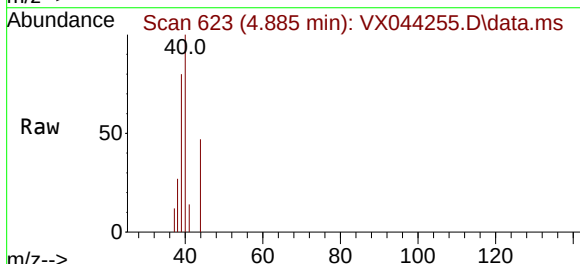
Ion Ratio Lower Upper

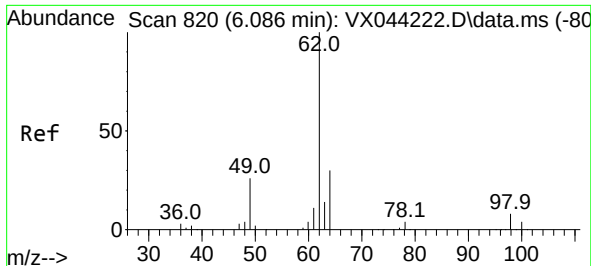
41 100

39 343.1 44.2 66.4#

67 0.0 57.2 85.8#

52 0.0 24.6 37.0#





#42

1,2-Dichloroethane

Concen: 0.041 ug/l

RT: 6.074 min Scan# 81

Delta R.T. -0.012 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

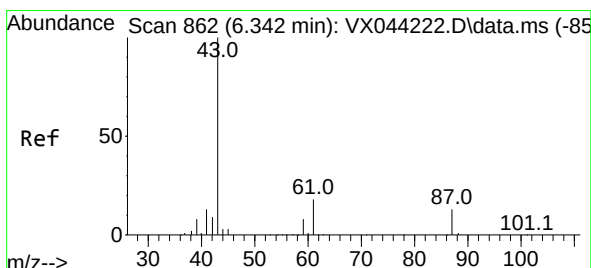
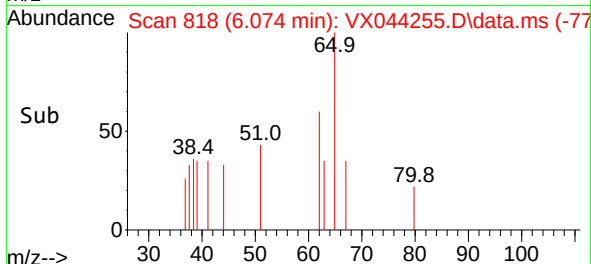
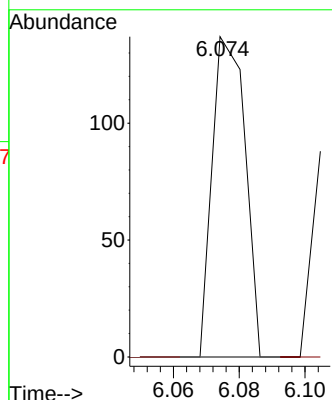
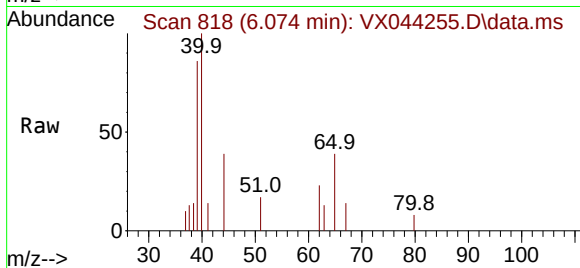
RE103D2-20241209

Tgt Ion: 62 Resp: 95

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 0.007 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.018 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

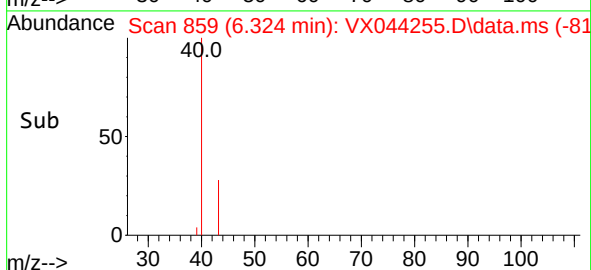
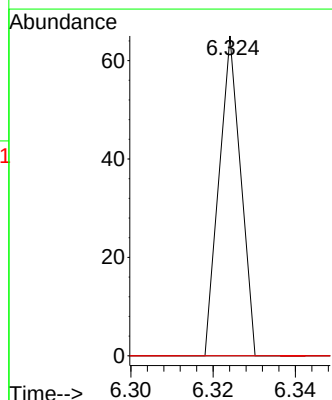
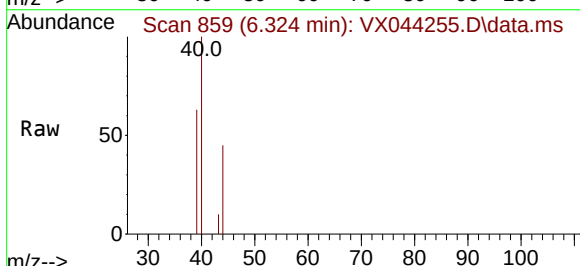
Tgt Ion: 43 Resp: 24

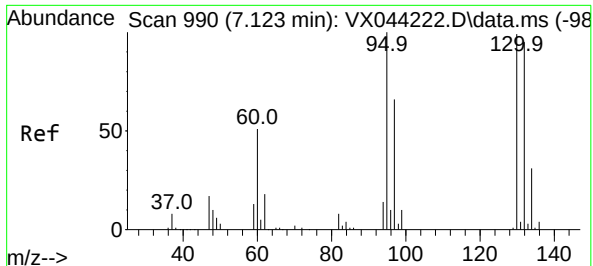
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 10.2 15.2#

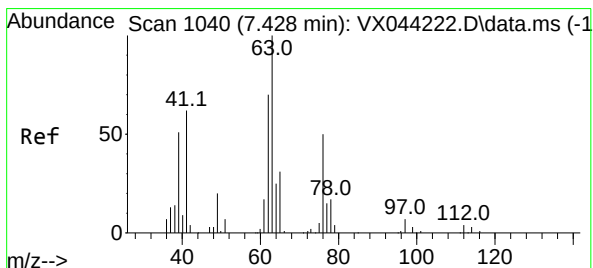
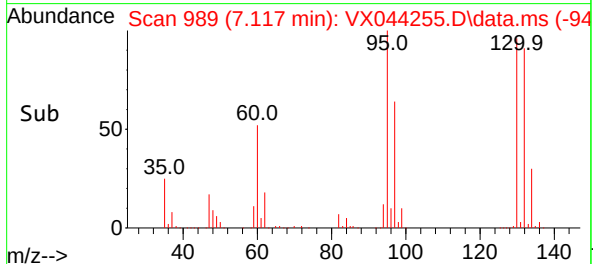
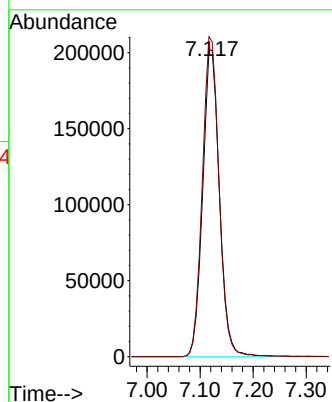
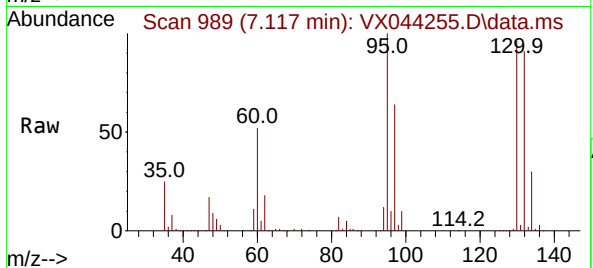




#44
Trichloroethene
Concen: 315.824 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

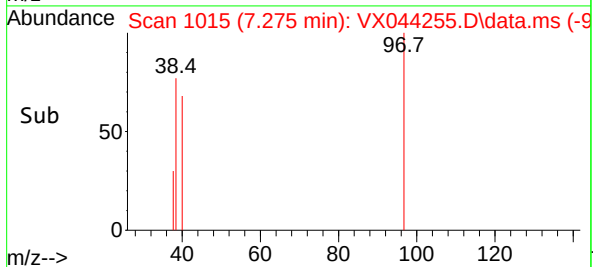
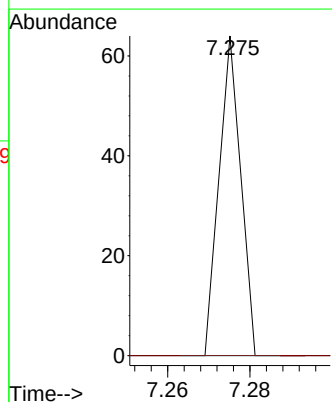
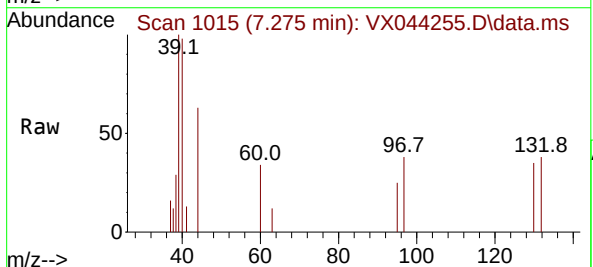
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

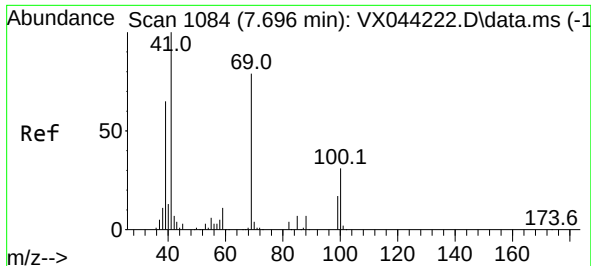
Tgt Ion:130 Resp: 443030
Ion Ratio Lower Upper
130 100
95 104.3 0.0 201.4



#45
1,2-Dichloropropane
Concen: 0.016 ug/l
RT: 7.275 min Scan# 1015
Delta R.T. -0.152 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#

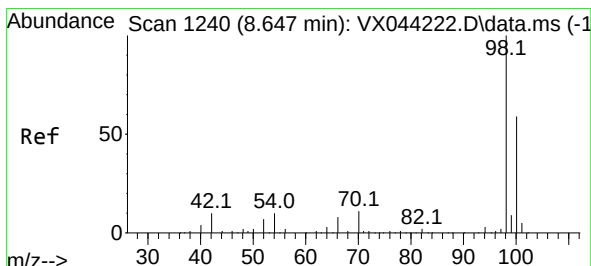
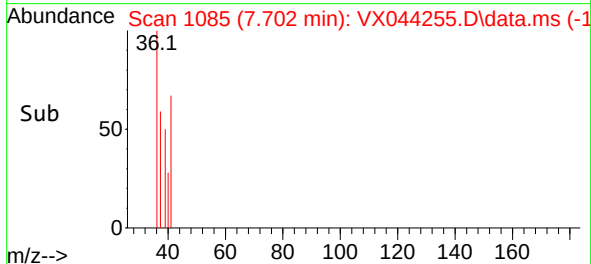
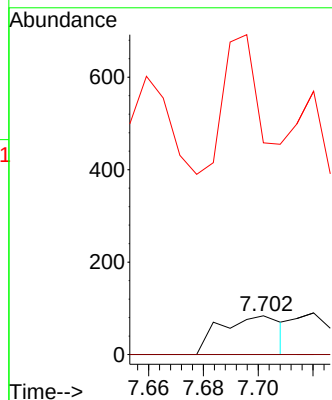
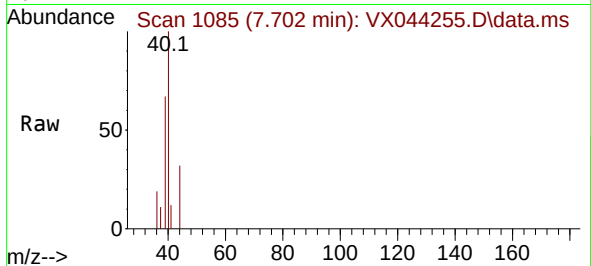




#48
Methyl methacrylate
Concen: 0.075 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

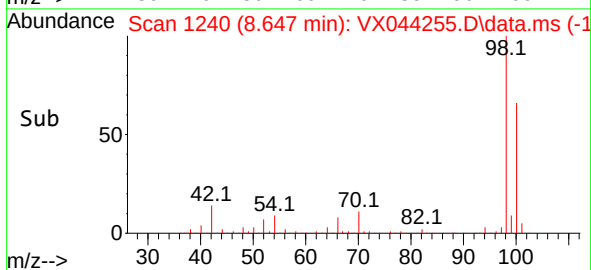
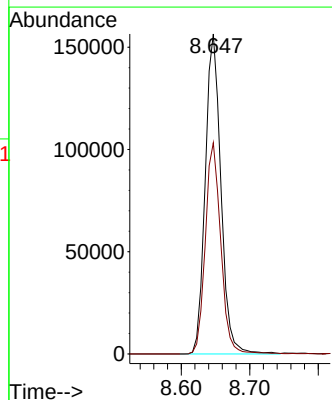
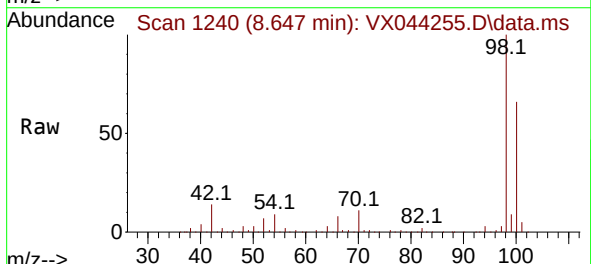
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

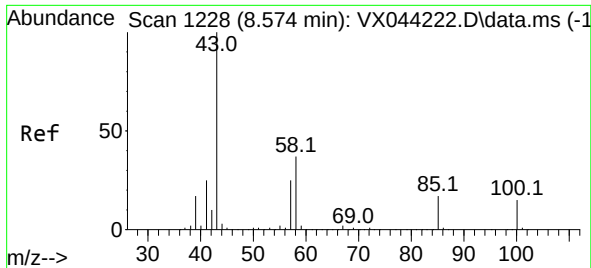
Tgt Ion: 41 Resp: 131
Ion Ratio Lower Upper
41 100
69 0.0 62.4 93.6#
39 212.2 53.3 79.9#



#50
Toluene-d8
Concen: 51.533 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 98 Resp: 249191
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

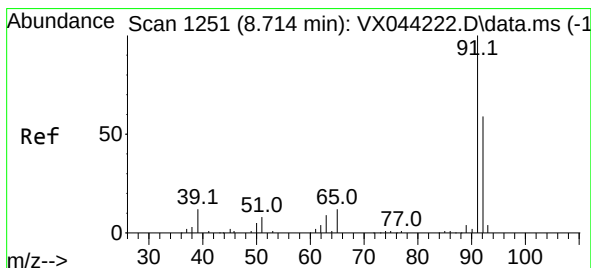
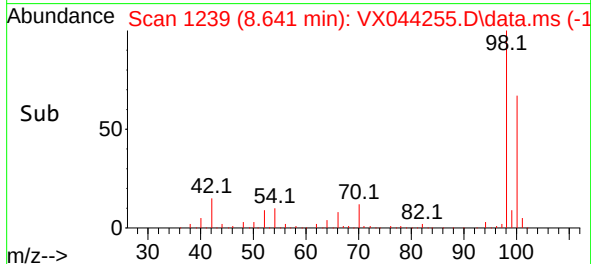
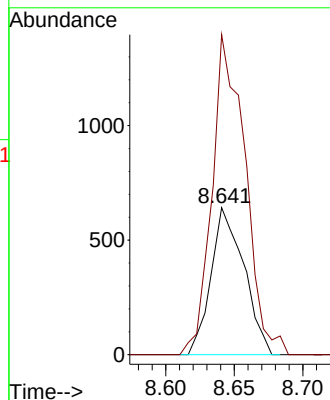
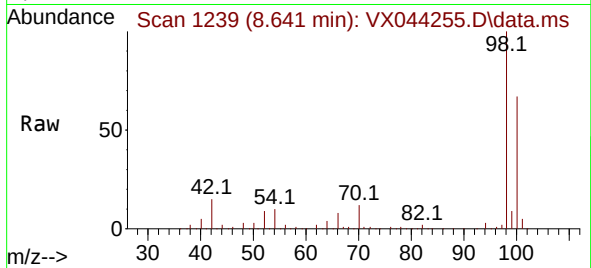




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

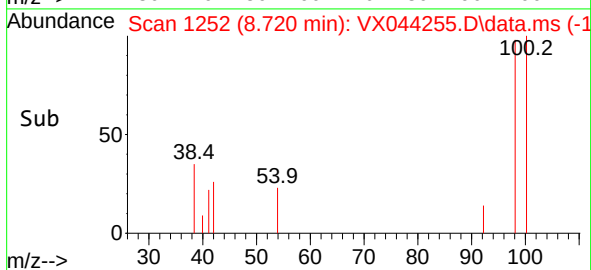
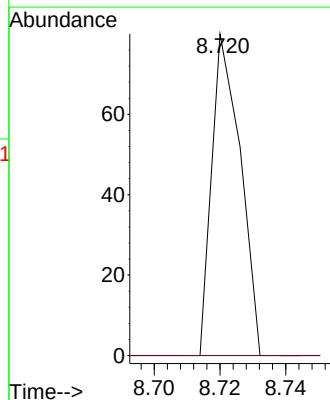
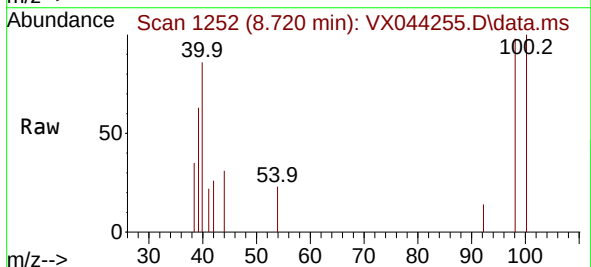
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

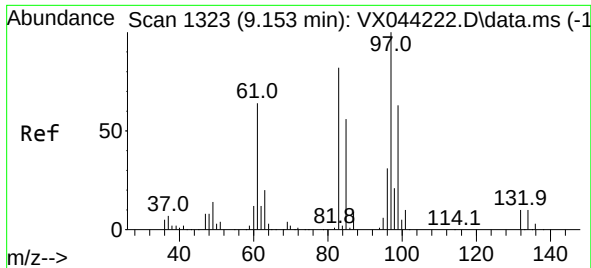
Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 219.0 29.4 44.0#



#52
Toluene
Concen: 0.014 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 92 Resp: 48
Ion Ratio Lower Upper
92 100
91 0.0 137.0 205.6#

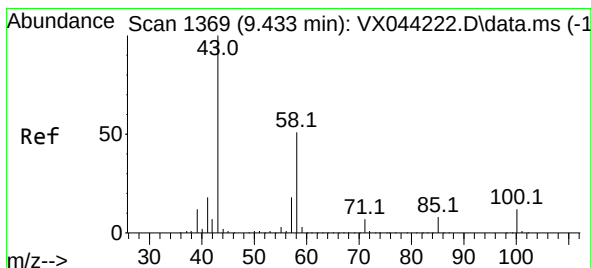
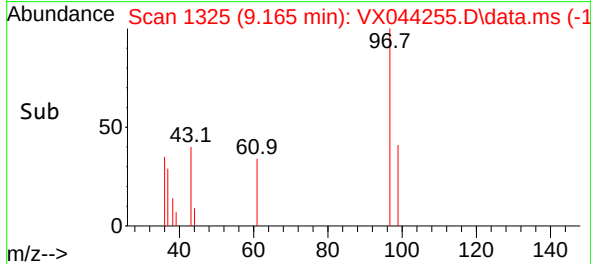
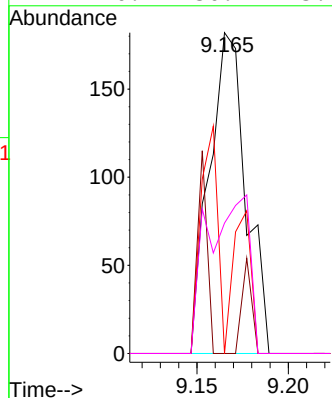
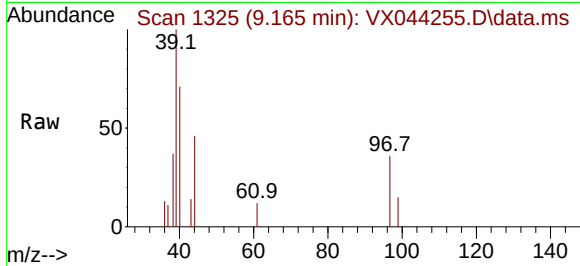




#55
 1,1,2-Trichloroethane
 Concen: 0.180 ug/l
 RT: 9.165 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX044255.D
 Acq: 12 Dec 2024 16:19

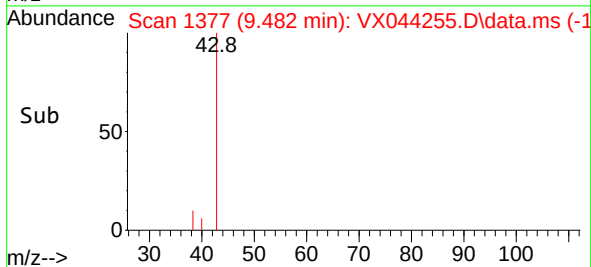
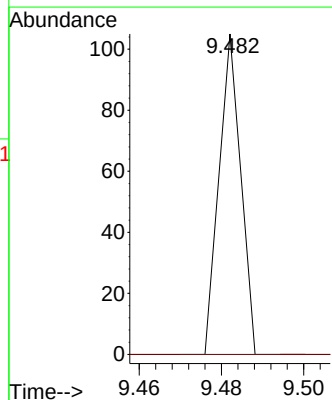
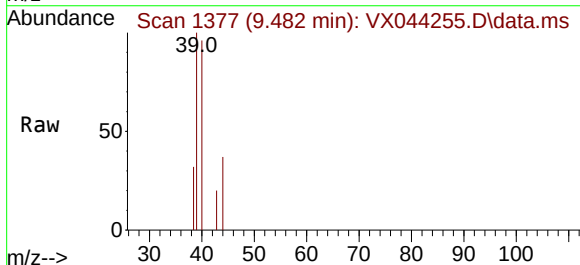
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20241209

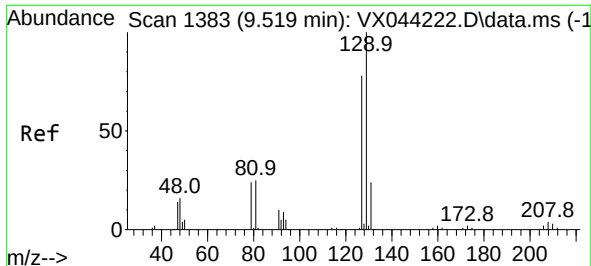
Tgt Ion: 97	Resp:	253	
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.3	97.9#
85	0.0	44.6	67.0#
99	40.7	50.2	75.2#



#59
 2-Hexanone
 Concen: 0.023 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.049 min
 Lab File: VX044255.D
 Acq: 12 Dec 2024 16:19

Tgt Ion: 43	Resp:	38	
Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.7	77.0#

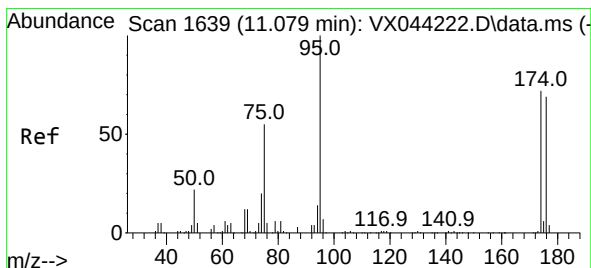
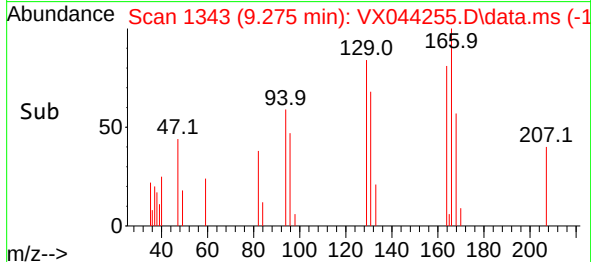
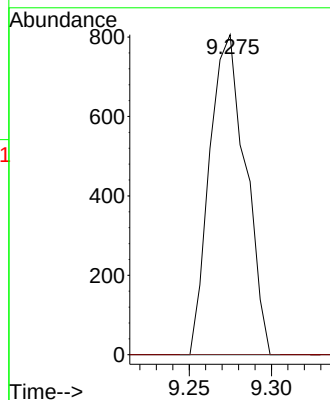
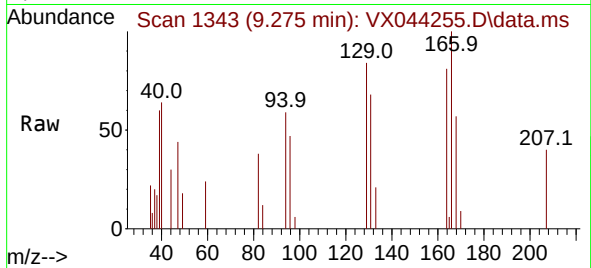




#60
Dibromochloromethane
Concen: 2.071 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

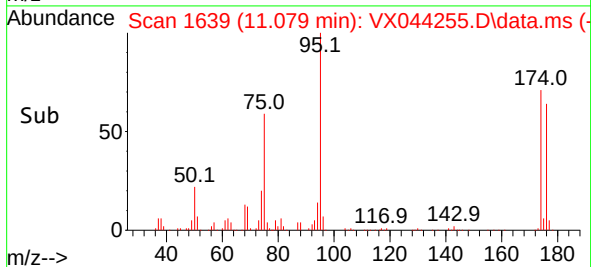
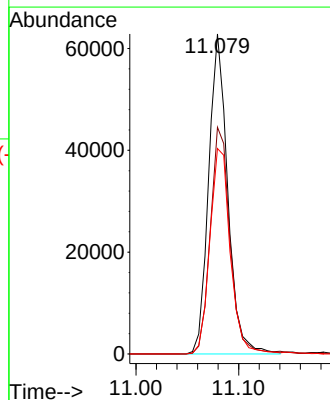
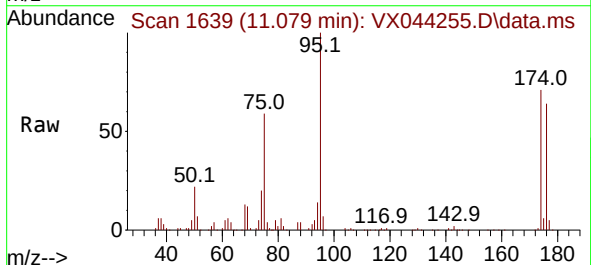
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

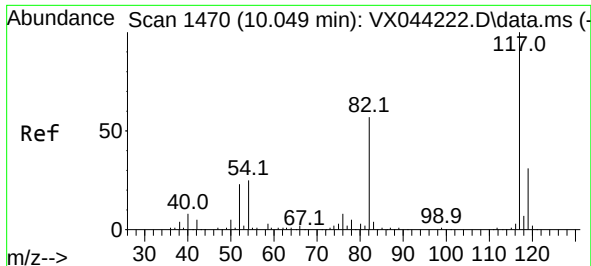
Tgt Ion:129 Resp: 1224
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 48.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 95 Resp: 81173
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.8
176 68.7 0.0 137.8

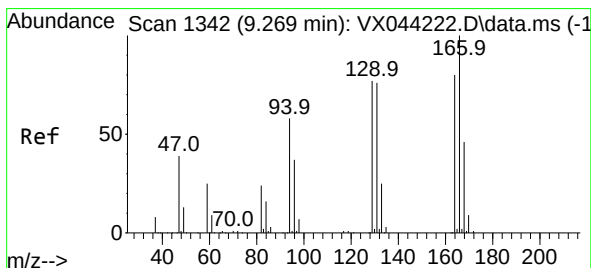
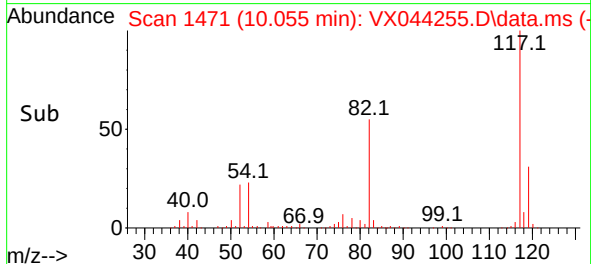
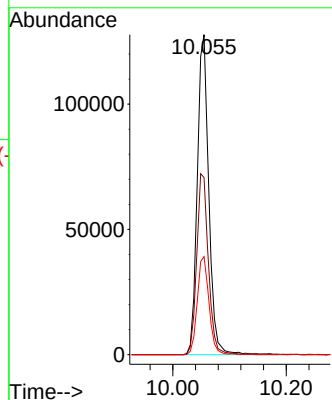
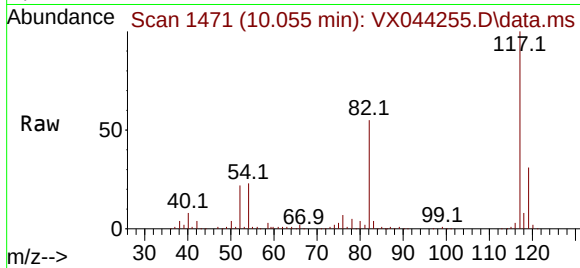




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

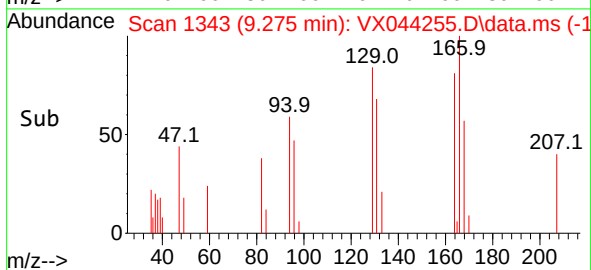
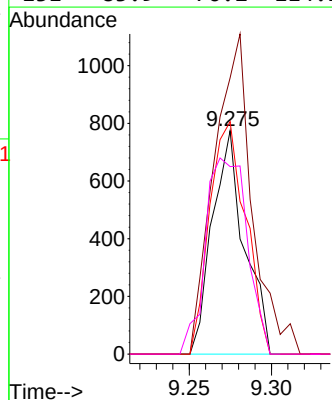
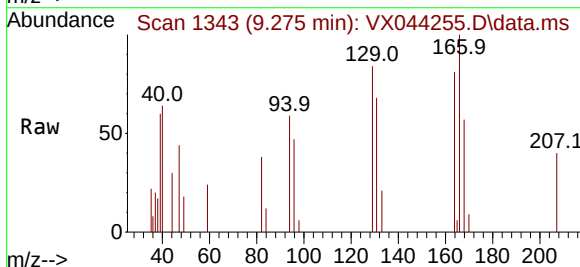
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

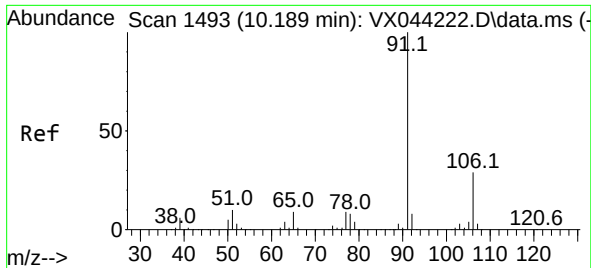
Tgt Ion:117 Resp: 179620
Ion Ratio Lower Upper
117 100
82 55.3 45.8 68.8
119 30.7 25.0 37.4



#64
Tetrachloroethene
Concen: 0.879 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion:164 Resp: 1048
Ion Ratio Lower Upper
164 100
166 123.6 100.4 150.6
129 104.0 77.2 115.8
131 83.9 76.2 114.2





#67

Ethyl Benzene

Concen: 0.008 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.012 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

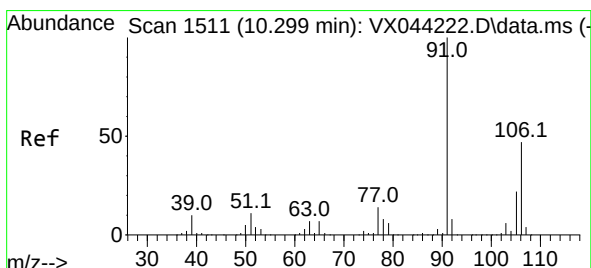
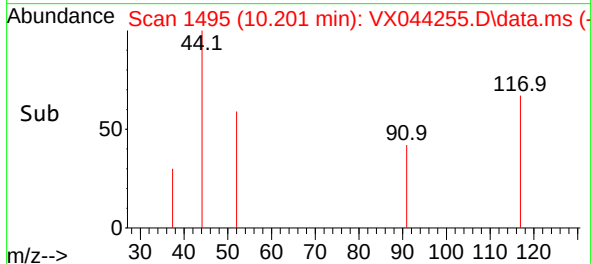
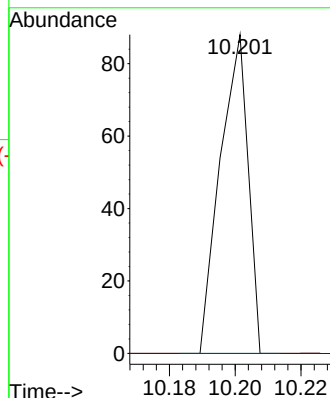
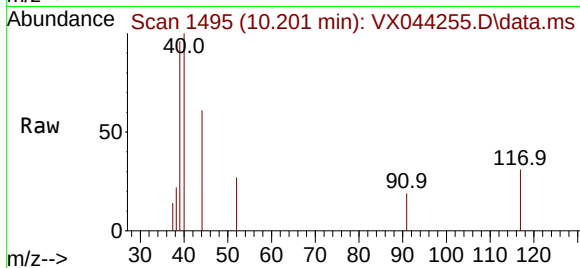
RE103D2-20241209

Tgt Ion: 91 Resp: 52

Ion Ratio Lower Upper

91 100

106 0.0 23.5 35.3#



#68

m/p-Xylenes

Concen: 0.023 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX044255.D

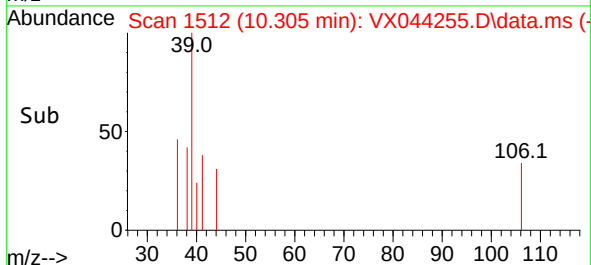
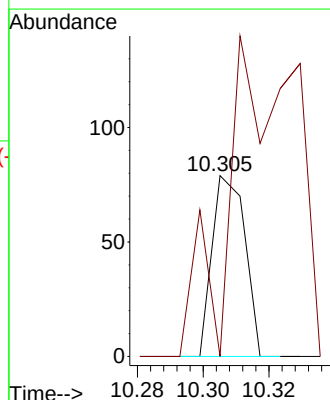
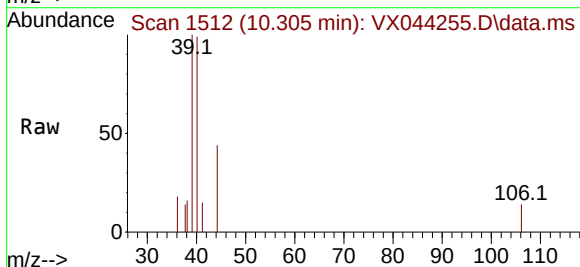
Acq: 12 Dec 2024 16:19

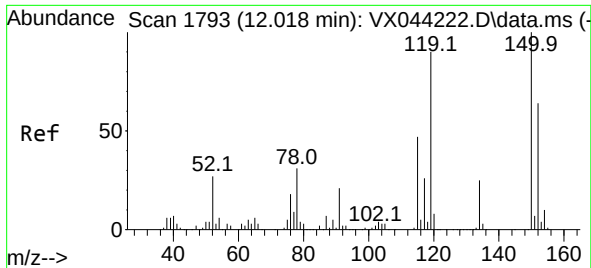
Tgt Ion:106 Resp: 55

Ion Ratio Lower Upper

106 100

91 360.0 170.2 255.2#

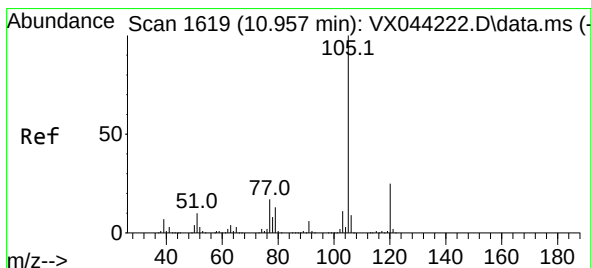
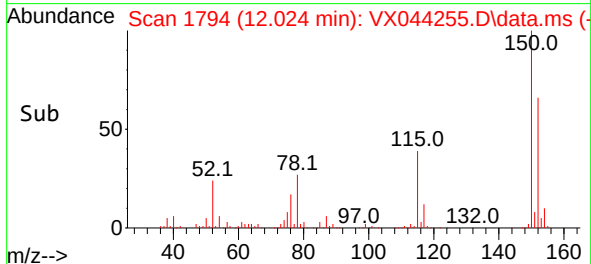
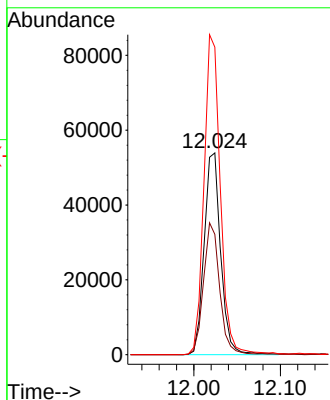
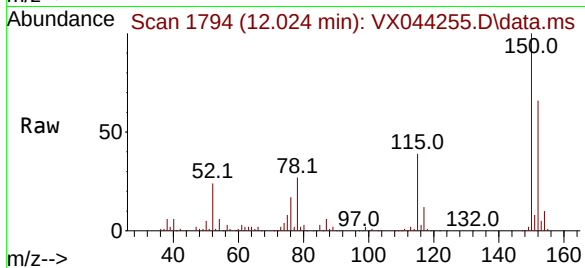




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

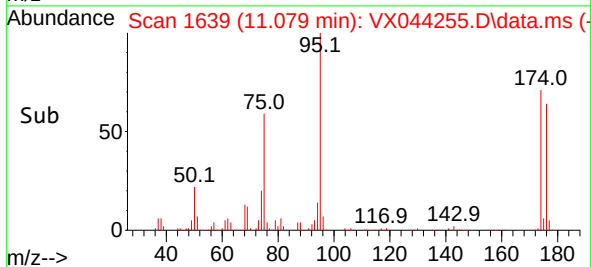
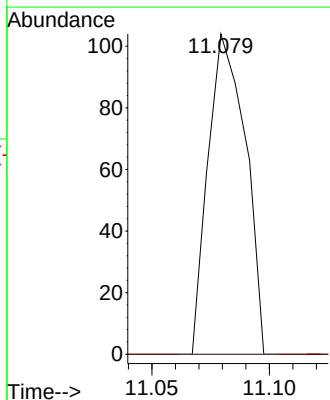
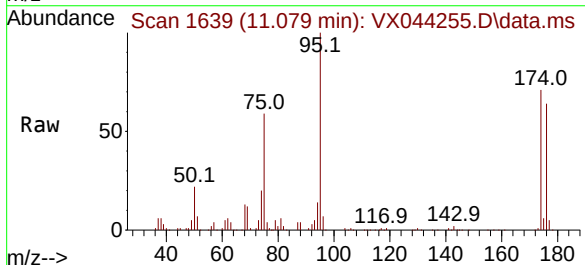
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

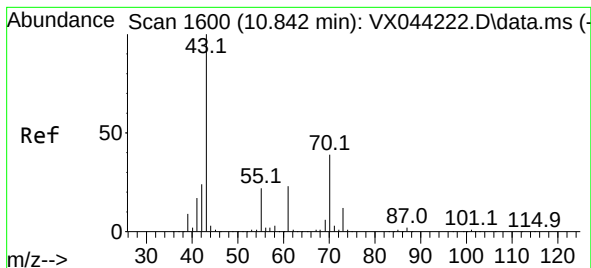
Tgt Ion:152 Resp: 71599
Ion Ratio Lower Upper
152 100
115 64.2 44.5 133.3
150 156.8 0.0 353.8



#73
Isopropylbenzene
Concen: 0.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.122 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion:105 Resp: 115
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.3#





#74

N-amy1 acetate

Concen: 0.021 ug/l

RT: 11.024 min Scan# 1630

Delta R.T. 0.183 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20241209

Tgt Ion: 43 Resp: 53

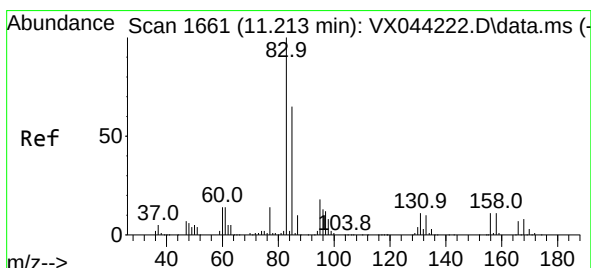
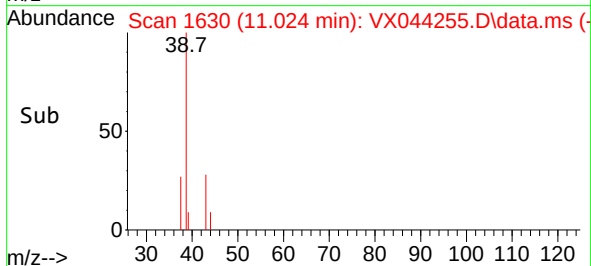
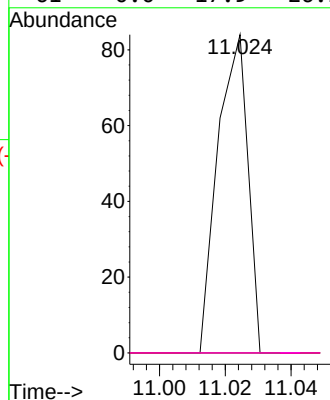
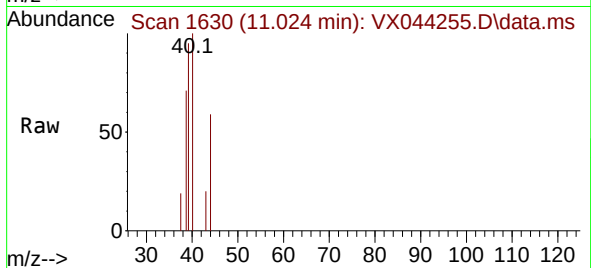
Ion Ratio Lower Upper

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: 0.069 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.134 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

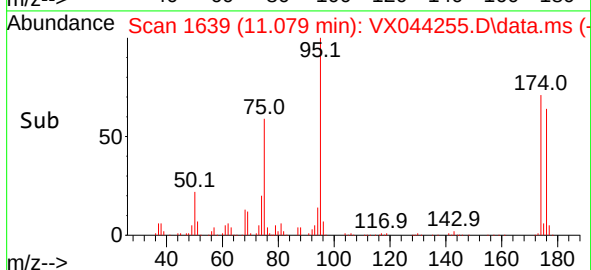
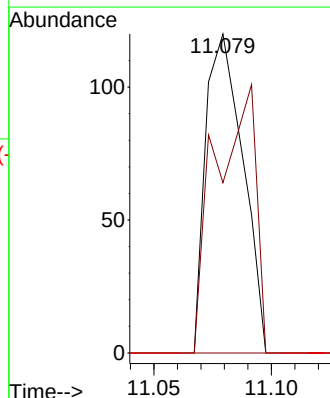
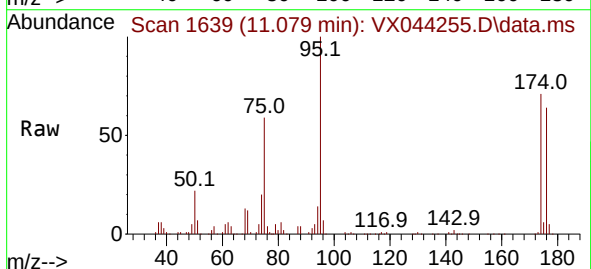
Tgt Ion: 83 Resp: 132

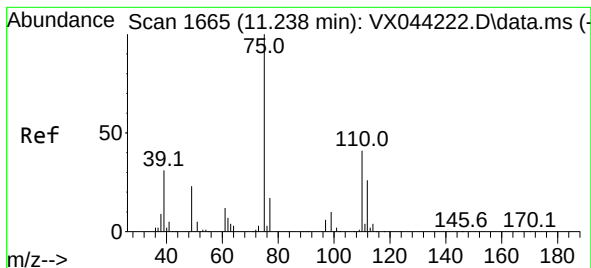
Ion Ratio Lower Upper

83 100

131 90.9 5.1 15.4#

85 0.0 32.5 97.4#





#76

1,2,3-Trichloropropane

Concen: 29.665 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

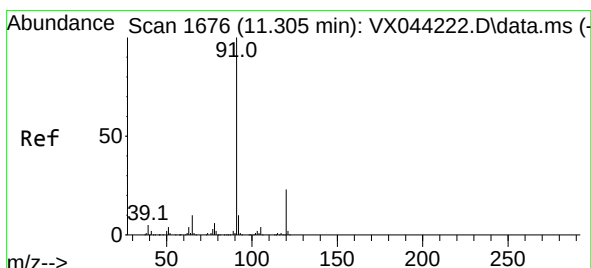
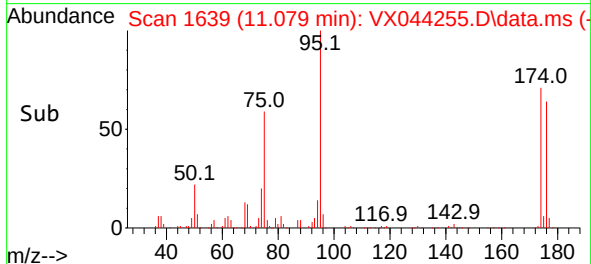
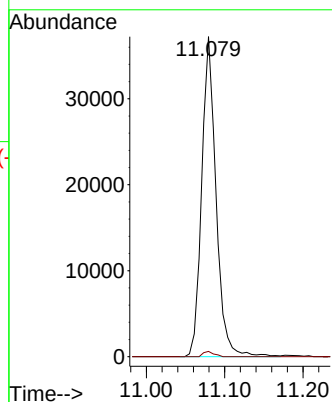
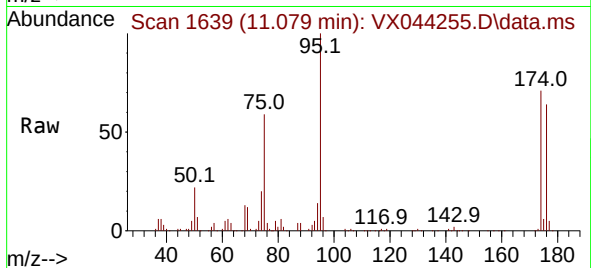
RE103D2-20241209

Tgt Ion: 75 Resp: 47423

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.7#



#78

n-propylbenzene

Concen: 0.008 ug/l

RT: 11.323 min Scan# 1679

Delta R.T. 0.018 min

Lab File: VX044255.D

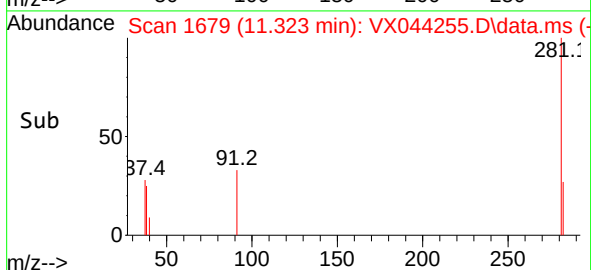
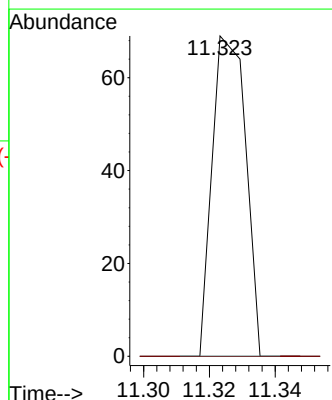
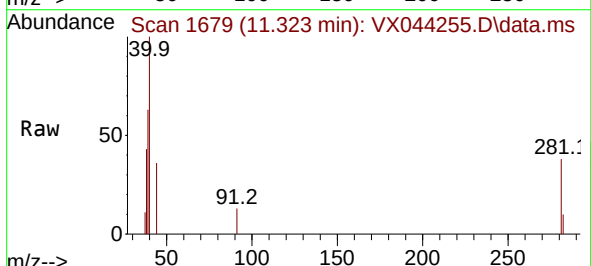
Acq: 12 Dec 2024 16:19

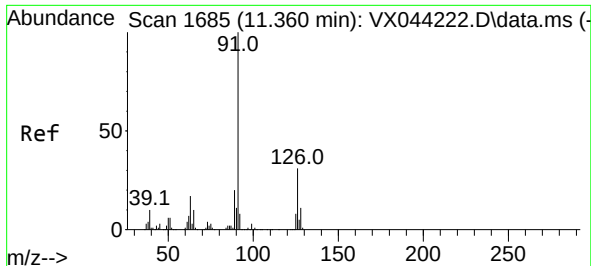
Tgt Ion: 91 Resp: 49

Ion Ratio Lower Upper

91 100

120 0.0 11.0 33.0#

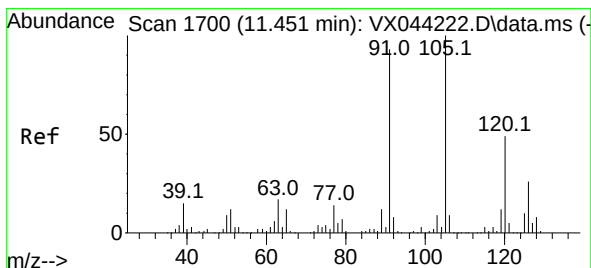
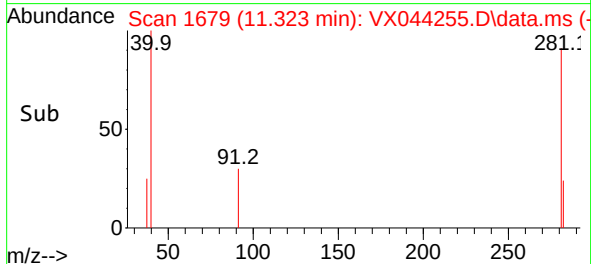
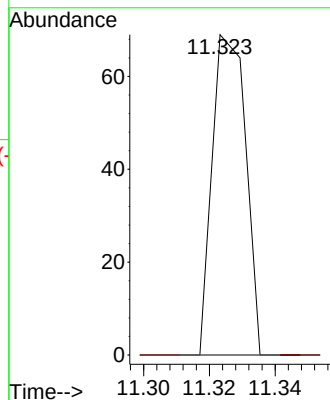
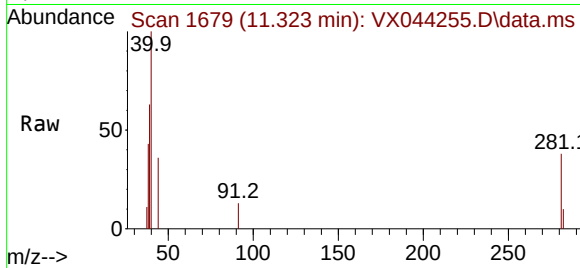




#79
2-Chlorotoluene
Concen: 0.013 ug/l
RT: 11.323 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

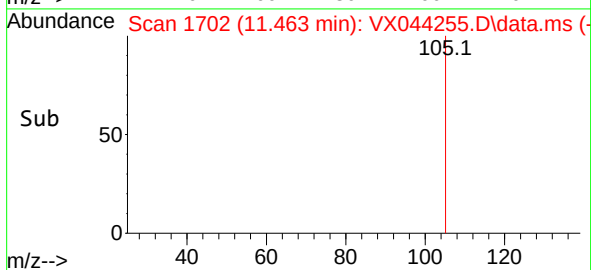
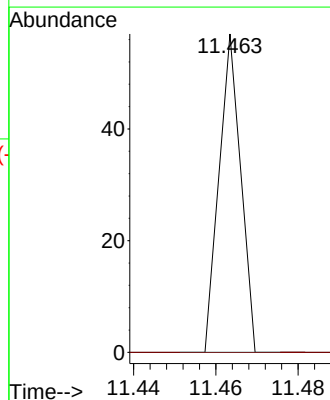
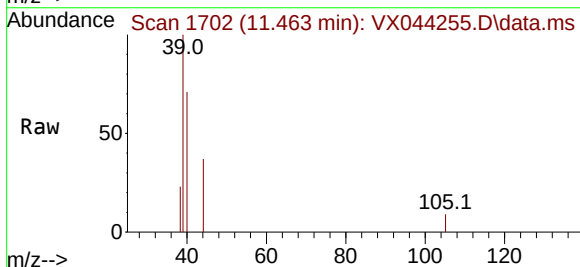
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

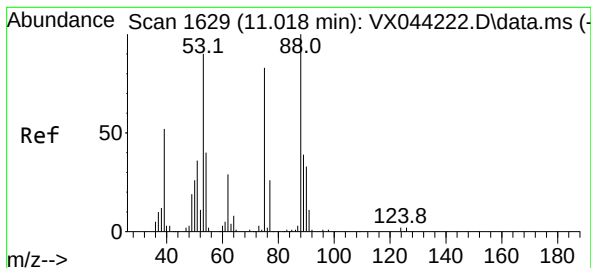
Tgt Ion: 91 Resp: 49
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#80
1,3,5-Trimethylbenzene
Concen: 0.005 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 105 Resp: 21
Ion Ratio Lower Upper
105 100
120 0.0 23.8 71.4#

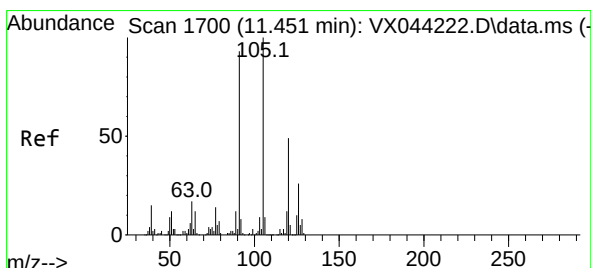
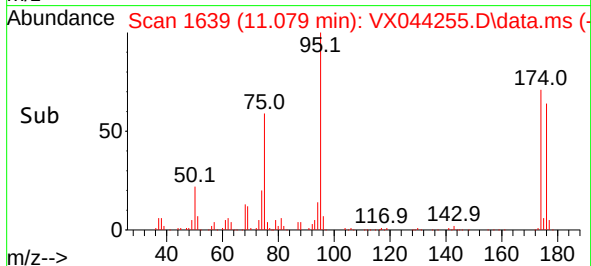
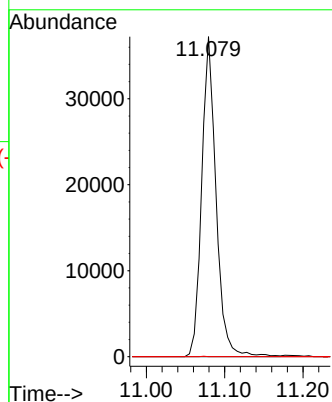
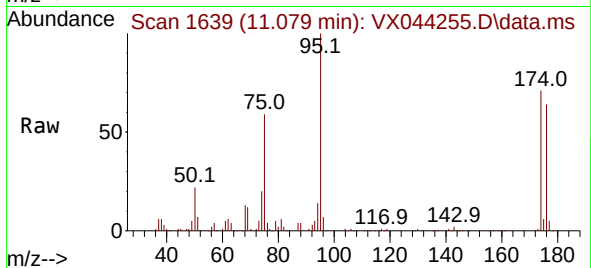




#81
trans-1,4-Dichloro-2-butene
Concen: 81.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

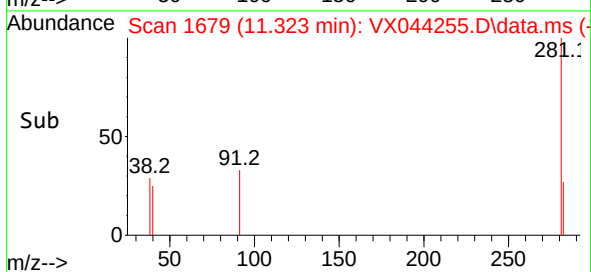
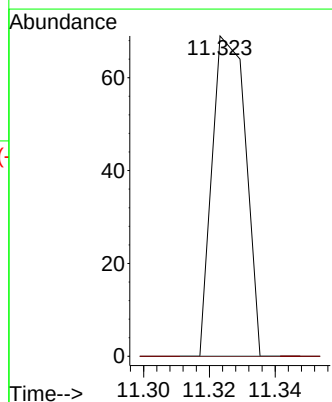
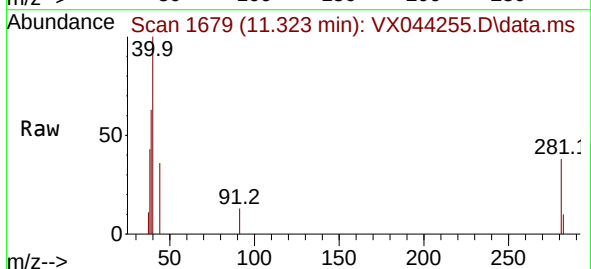
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

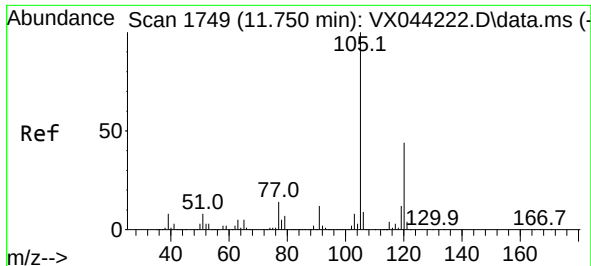
Tgt Ion: 75 Resp: 47423
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 0.011 ug/l
RT: 11.323 min Scan# 1679
Delta R.T. -0.128 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion: 91 Resp: 49
Ion Ratio Lower Upper
91 100
126 0.0 14.5 43.5#

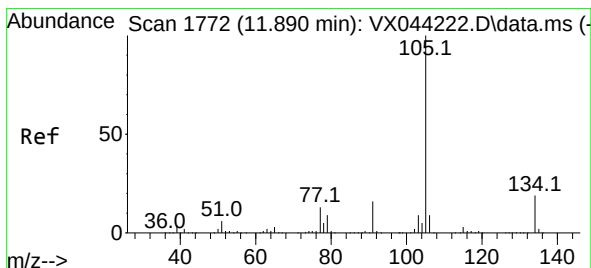
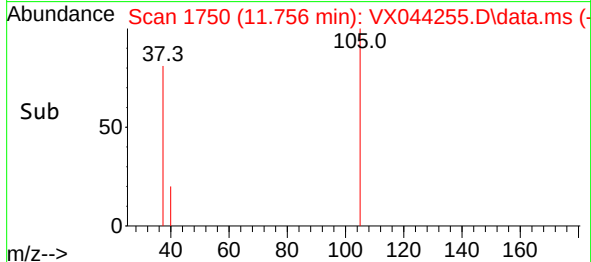
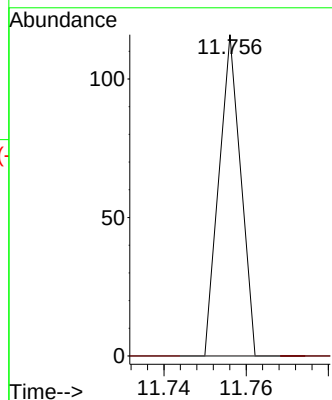
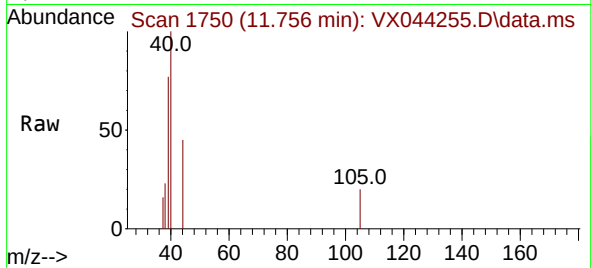




#84
1,2,4-Trimethylbenzene
Concen: 0.009 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

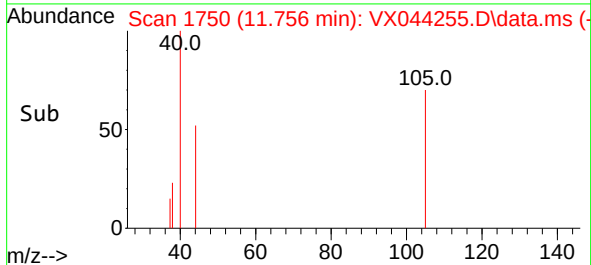
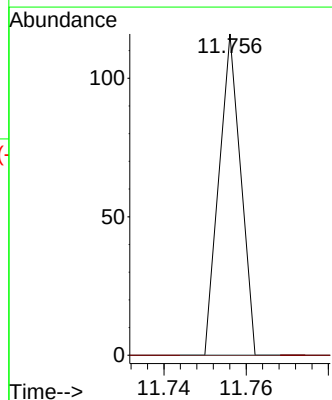
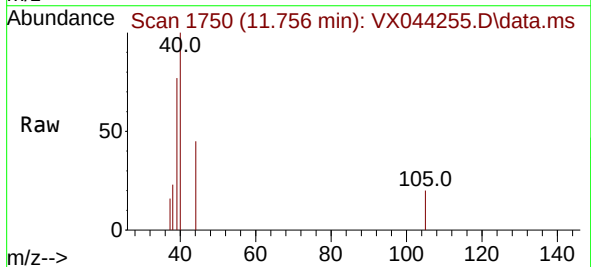
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

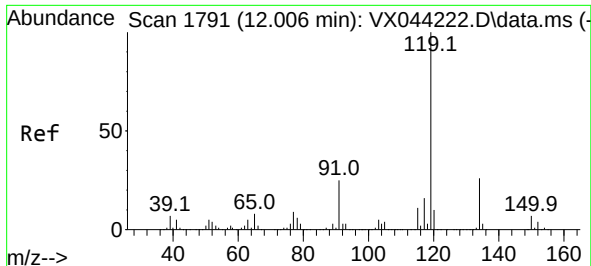
Tgt Ion:105 Resp: 42
Ion Ratio Lower Upper
105 100
120 0.0 21.7 65.1#



#85
sec-Butylbenzene
Concen: 0.008 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion:105 Resp: 42
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.005 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.018 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

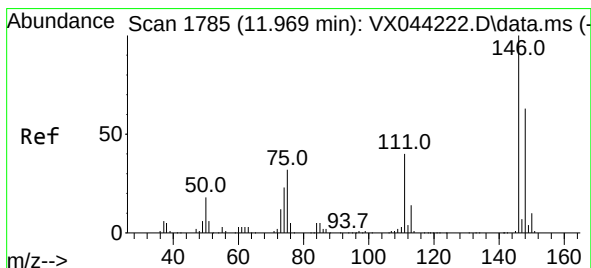
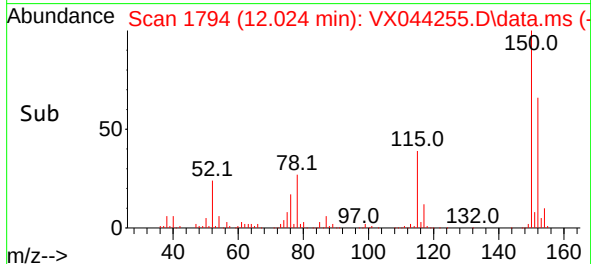
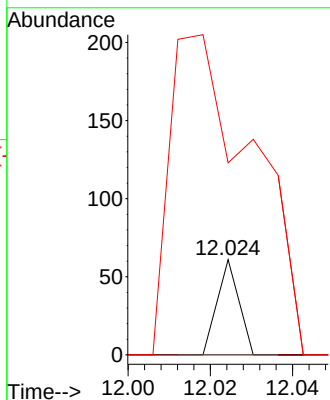
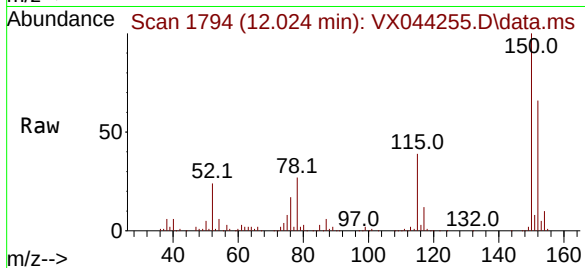
Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20241209

Tgt Ion:119	Resp:	22
Ion Ratio	Lower	Upper
119	100	
134	0.0	12.8 38.4#
91	1300.0	13.0 39.0#



#87

1,3-Dichlorobenzene

Concen: 0.050 ug/l

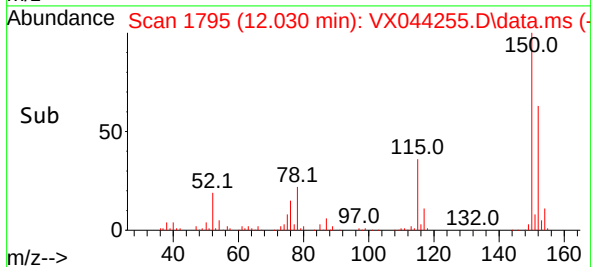
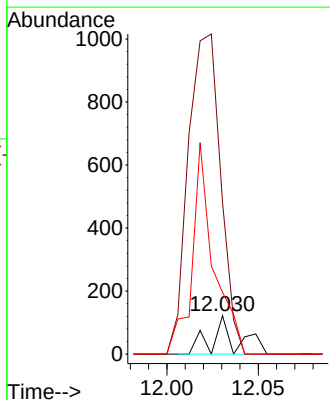
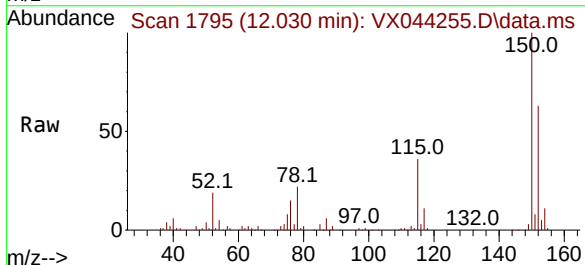
RT: 12.030 min Scan# 1795

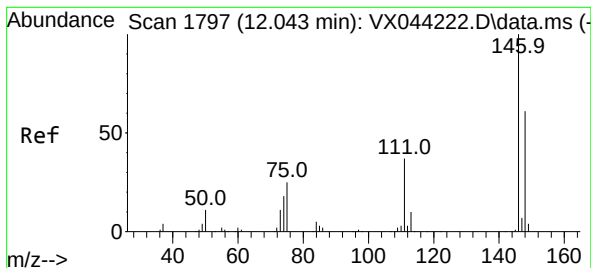
Delta R.T. 0.061 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Tgt Ion:146	Resp:	116
Ion Ratio	Lower	Upper
146	100	
111	1081.0	21.4 64.2#
148	474.1	31.7 95.1#





#88

1,4-Dichlorobenzene

Concen: 0.049 ug/l

RT: 12.030 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX044255.D

Acq: 12 Dec 2024 16:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20241209

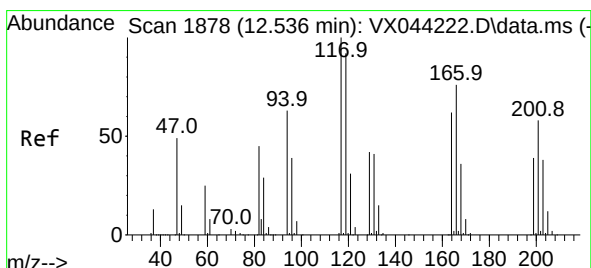
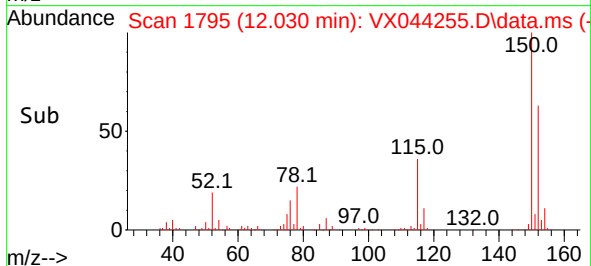
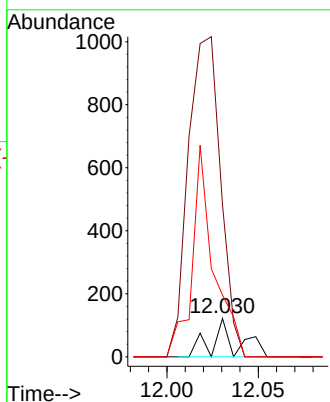
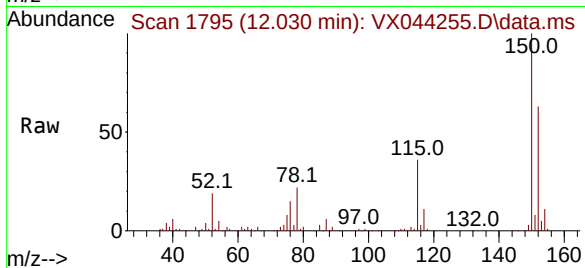
Tgt Ion:146 Resp: 116

Ion Ratio Lower Upper

146 100

111 1081.0 21.0 63.0#

148 474.1 32.3 96.8#



#90

Hexachloroethane

Concen: 0.029 ug/l

RT: 12.286 min Scan# 1837

Delta R.T. -0.250 min

Lab File: VX044255.D

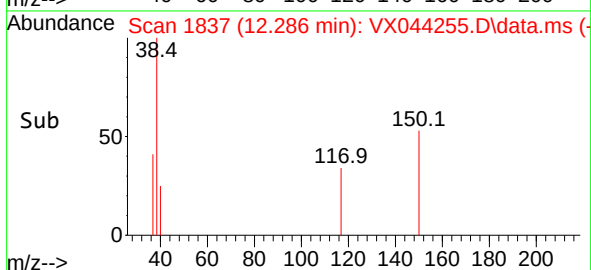
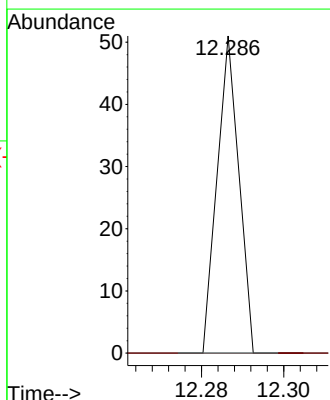
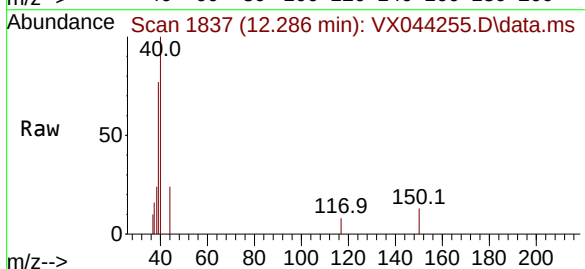
Acq: 12 Dec 2024 16:19

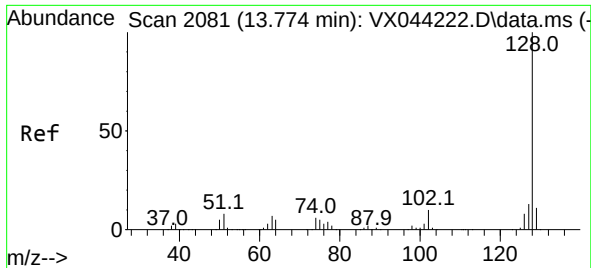
Tgt Ion:117 Resp: 19

Ion Ratio Lower Upper

117 100

201 0.0 31.4 94.2#

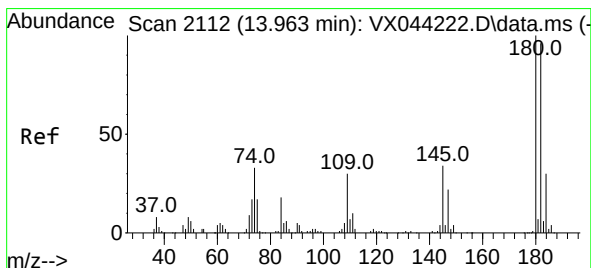
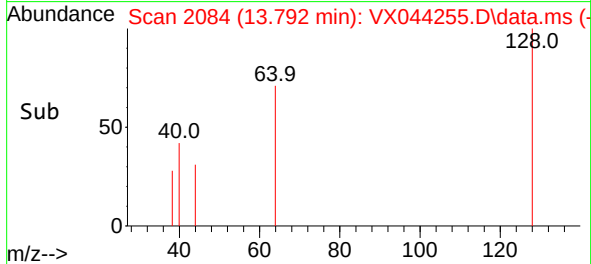
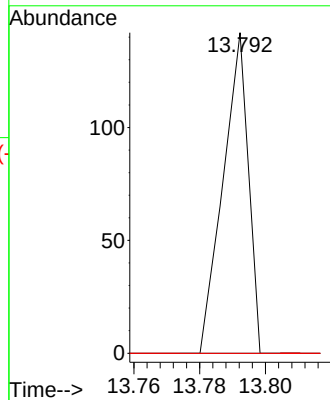
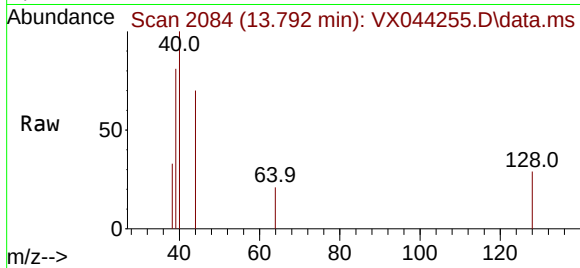




#95
Naphthalene
Concen: 0.015 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209

Tgt Ion:128 Resp: 76
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.0 13.4#



#96
1,2,3-Trichlorobenzene
Concen: 0.016 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX044255.D
Acq: 12 Dec 2024 16:19

Tgt Ion:180 Resp: 22
Ion Ratio Lower Upper
180 100
182 0.0 48.0 144.0#
145 0.0 17.7 53.1#

