

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038393.D
 Acq On : 02 Dec 2024 17:01
 Operator : SY/MD
 Sample : P4776-01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 21:30:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	515054	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	517151	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	241665	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	188460	43.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.580%
7) Chloroethane-d5	1.529	69	156142	43.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.120%
11) 1,1-Dichloroethene-d2	2.053	65	83629	45.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.680%
21) 2-Butanone-d5	3.786	46	194850	95.139	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.140%
24) Chloroform-d	4.239	84	355496	45.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.931	65	218083	47.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	4.950	84	701959	47.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.220%
36) 1,2-Dichloropropane-d6	5.979	67	225819	48.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	7.236	98	614060	45.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.140%
43) trans-1,3-Dichloroprop...	7.548	79	97551	43.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.060%
47) 2-Hexanone-d5	8.021	63	126484	89.395	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.400%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	294637	45.471	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.940%
66) 1,2-Dichlorobenzene-d4	11.551	152	237480	50.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	11157	2.359	ug/L	95
3) Chloromethane	1.214	50	12297	2.506	ug/L	99
5) Vinyl chloride	1.281	62	12812	2.560	ug/L #	65
6) Bromomethane	1.484	94	8060	2.599	ug/L	86
8) Chloroethane	1.545	64	7796	2.462	ug/L	100
9) Trichlorofluoromethane	1.709	101	16243	2.461	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11831	3.113	ug/L	88
12) 1,1-Dichloroethene	2.066	96	10996	3.038	ug/L #	1
13) Acetone	2.114	43	12681	4.489	ug/L	64
14) Carbon disulfide	2.236	76	30860	2.590	ug/L	98
15) Methyl Acetate	2.384	43	7853	2.148	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	9152	2.319	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	26340	2.310	ug/L	98
19) 1,1-Dichloroethane	3.108	63	17355	2.397	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	9368	2.257	ug/L	91
23) Bromochloromethane	4.149	128	3278	1.453	ug/L	89
27) 1,2-Dichloroethane	5.053	62	11084	2.011	ug/L	96
29) Cyclohexane	4.567	56	6381	1.148	ug/L #	27
30) 1,1,1-Trichloroethane	4.506	97	15980	2.445	ug/L	97

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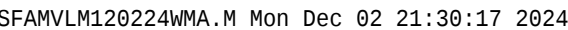
Instrument :
 MSVOA_V
 ClientSampleId :

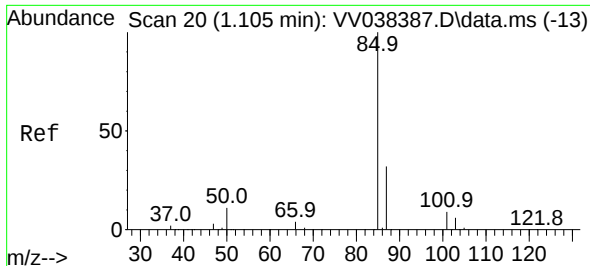
Quant Time: Dec 02 21:30:08 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.728	117	13613	2.370	ug/L	95
33) Benzene	5.008	78	34075	2.183	ug/L	100
34) Trichloroethene	5.837	95	9662	2.317	ug/L	97
35) Methylcyclohexane	6.037	83	13107	2.189	ug/L	98
37) 1,2-Dichloropropane	6.098	63	8979	2.212	ug/L #	96
38) Bromodichloromethane	6.442	83	13288	2.359	ug/L	95
39) cis-1,3-Dichloropropene	6.956	75	14281	2.267	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	15663	3.448	ug/L	98
42) Toluene	7.320	91	38429	2.370	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	10383	2.466	ug/L	97
46) Tetrachloroethene	7.902	164	7449	2.314	ug/L	98
48) 2-Hexanone	8.085	43	25048	6.609	ug/L #	71
49) Dibromochloromethane	8.175	129	9981	2.298	ug/L	96
50) 1,2-Dibromoethane	8.288	107	10846	2.444	ug/L	98
51) Chlorobenzene	8.805	112	26564	2.384	ug/L	95
52) Ethylbenzene	8.947	91	35157	2.021	ug/L	98
53) m,p-Xylene	9.075	106	12398	1.881	ug/L	96
54) o-Xylene	9.480	106	12565	1.981	ug/L	85
55) Styrene	9.503	104	18231	1.637	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.168	83	17531	2.680	ug/L #	94
59) Bromoform	9.667	173	6157	2.370	ug/L	97
60) Isopropylbenzene	9.863	105	31627	2.140	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	12049	2.864	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	23279	1.963	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	22465	1.927	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	18227	2.403	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	19672	2.439	ug/L	92
67) 1,2-Dichlorobenzene	11.570	146	20041	2.591	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.361	75	2862	2.581	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	12279	2.373	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	9820	2.253	ug/L	96
71) Naphthalene	13.445	128	24553	2.078	ug/L #	89
72) 1,2,3-Trichlorobenzene	13.680	180	9226	2.157	ug/L	98

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

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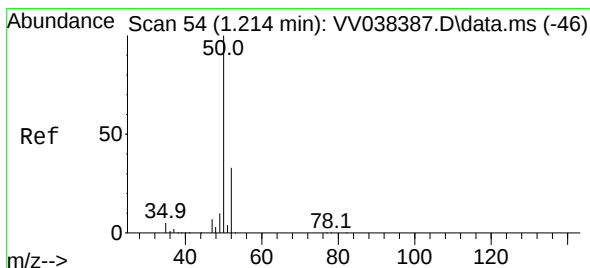
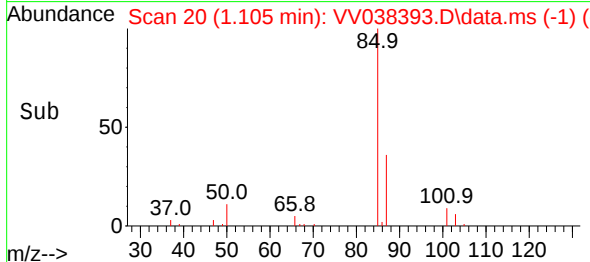
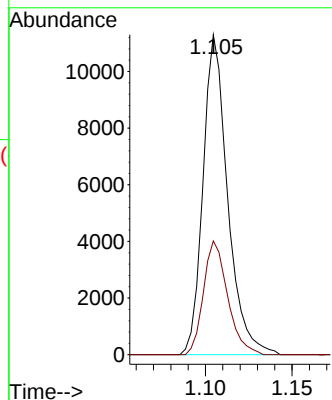
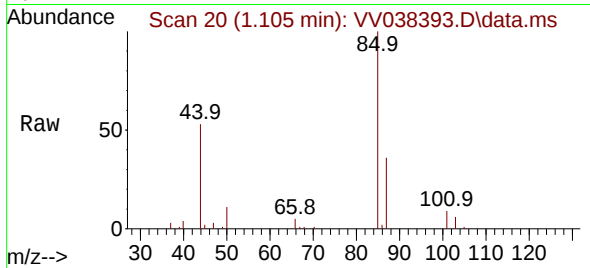




#2
Dichlorodifluoromethane
Concen: 2.359 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

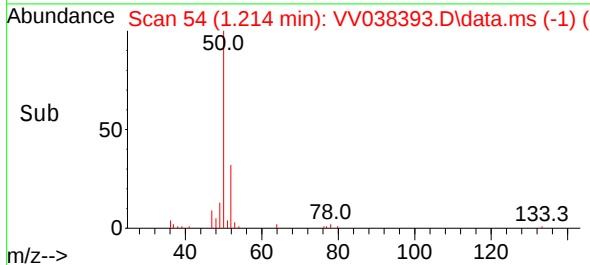
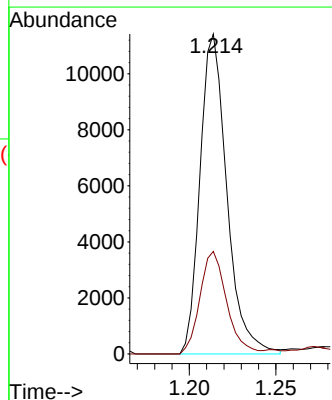
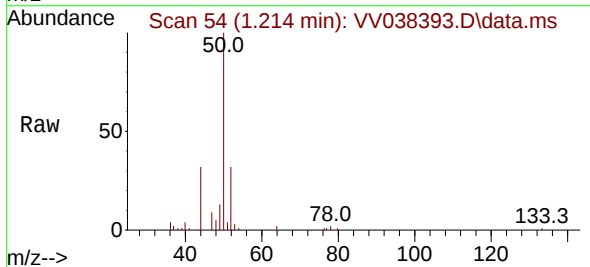
Instrument :
MSVOA_V
ClientSampleId :

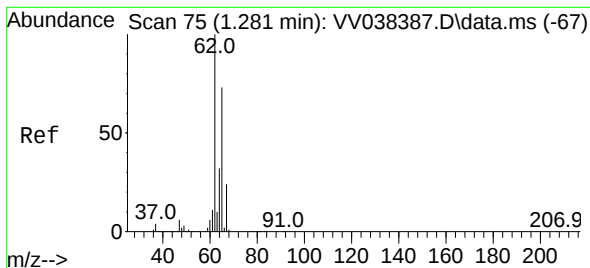
Tgt Ion: 85 Resp: 11157
Ion Ratio Lower Upper
85 100
87 34.8 25.8 38.6



#3
Chloromethane
Concen: 2.506 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion: 50 Resp: 12297
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.3





#5

Vinyl chloride

Concen: 2.560 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

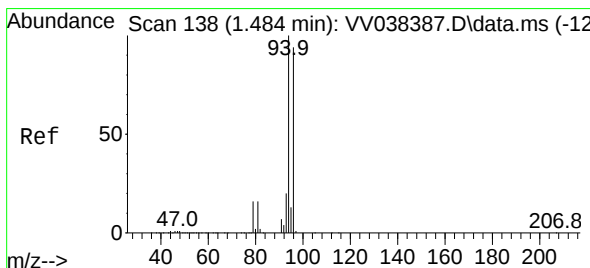
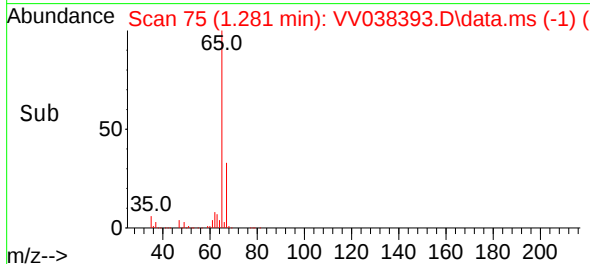
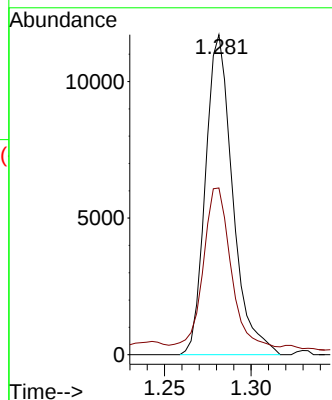
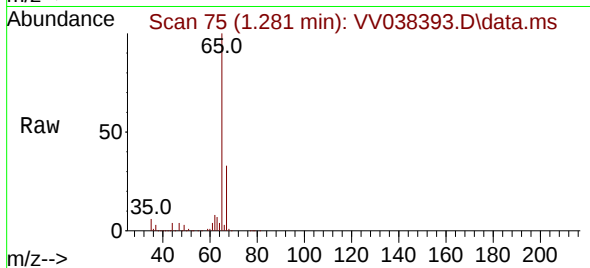
ClientSampleId :

Tgt Ion: 62 Resp: 12812

Ion Ratio Lower Upper

62 100

64 52.1 22.8 42.4#



#6

Bromomethane

Concen: 2.599 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038393.D

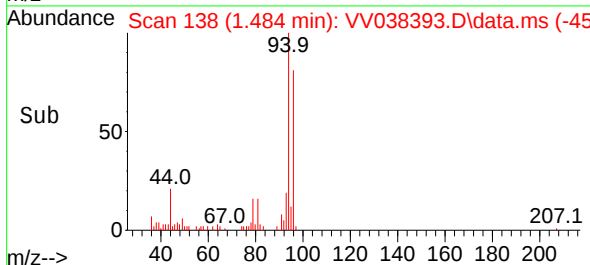
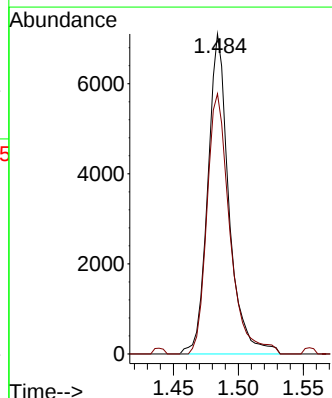
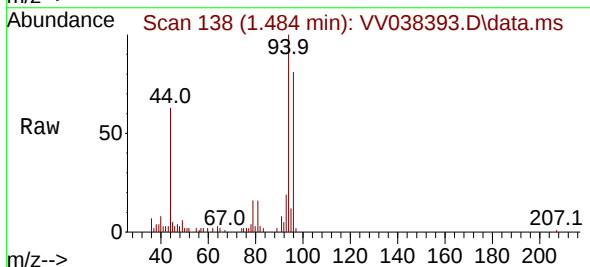
Acq: 02 Dec 2024 17:01

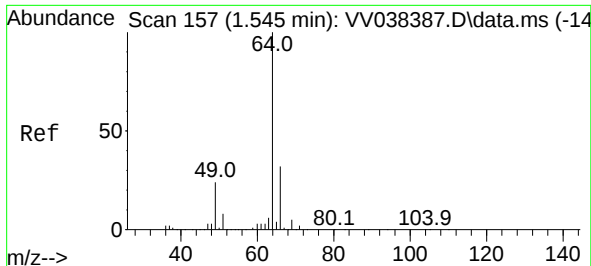
Tgt Ion: 94 Resp: 8060

Ion Ratio Lower Upper

94 100

96 81.3 66.1 122.8

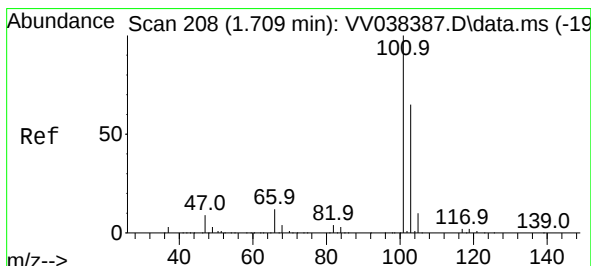
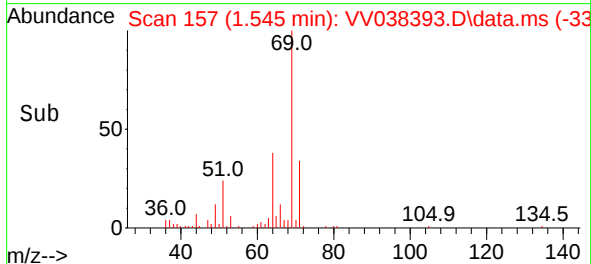
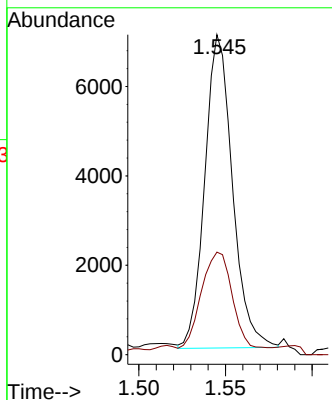
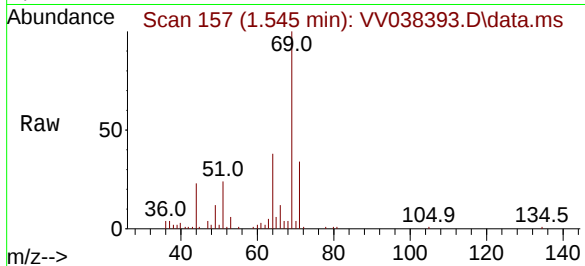




#8
Chloroethane
Concen: 2.462 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

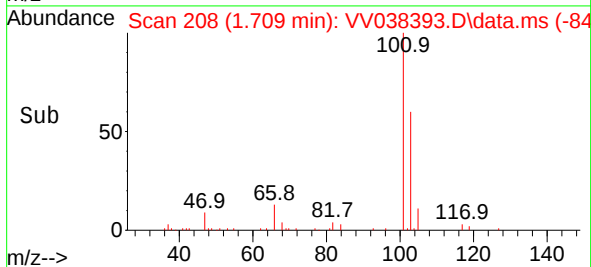
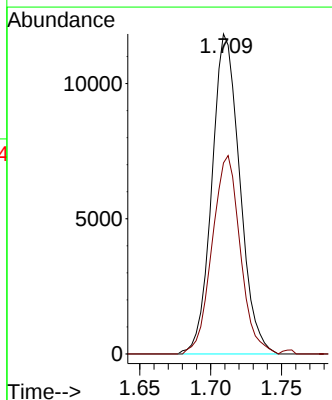
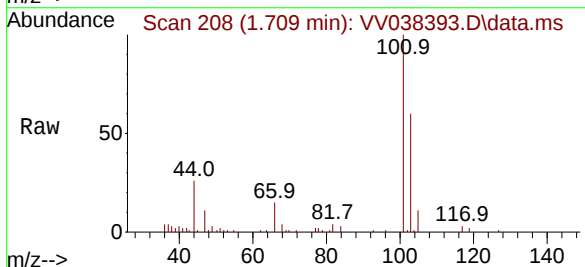
Instrument :
MSVOA_V
ClientSampleId :

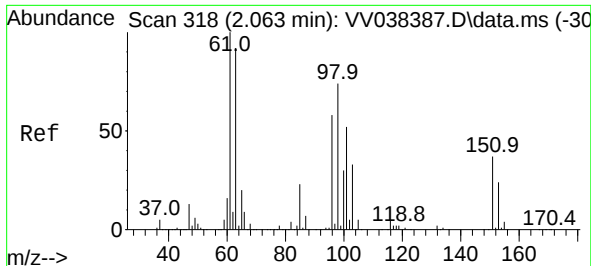
Tgt Ion: 64 Resp: 7796
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.461 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion:101 Resp: 16243
Ion Ratio Lower Upper
101 100
103 62.5 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.113 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

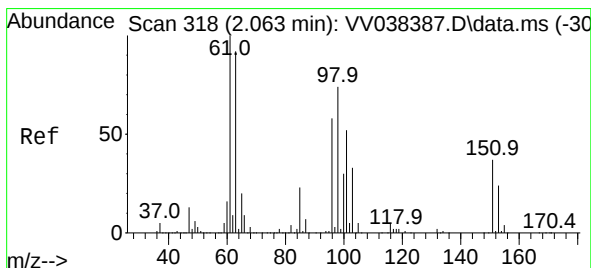
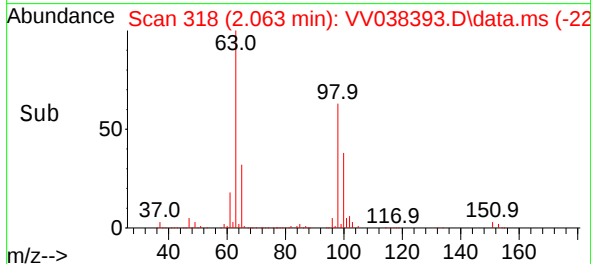
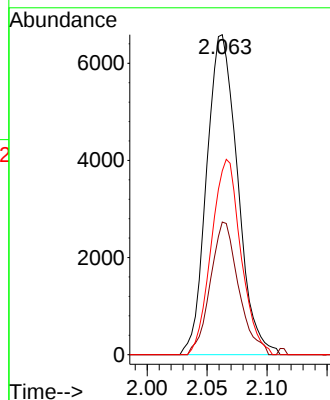
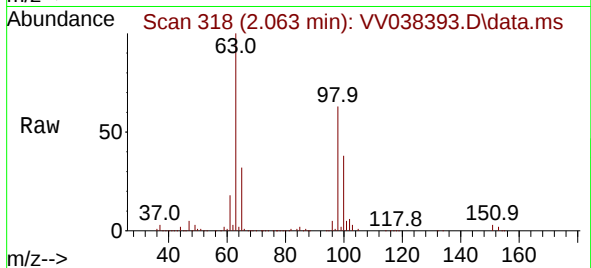
Tgt Ion:101 Resp: 11831

Ion Ratio Lower Upper

101 100

85 37.8 34.7 52.1

151 58.2 55.3 82.9



#12

1,1-Dichloroethene

Concen: 3.038 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

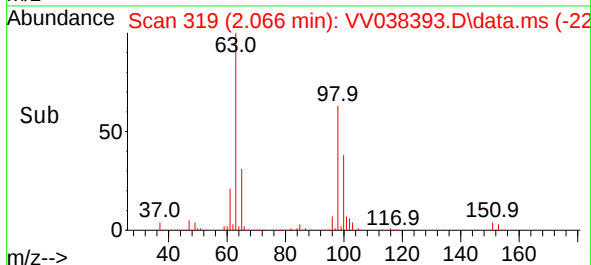
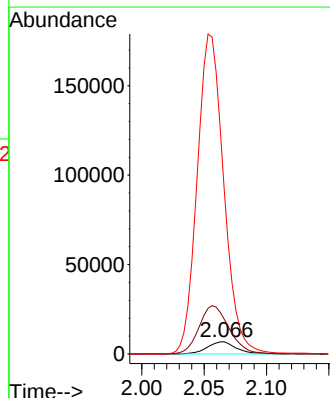
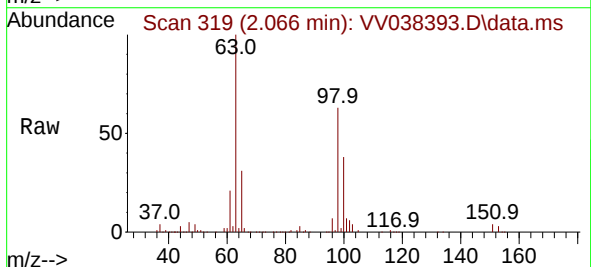
Tgt Ion: 96 Resp: 10996

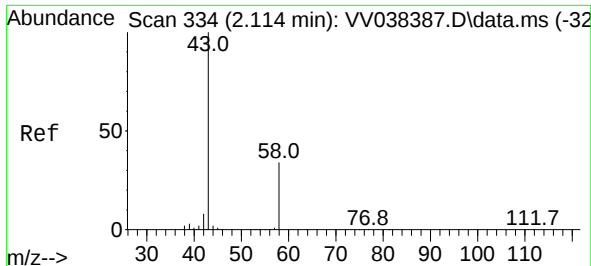
Ion Ratio Lower Upper

96 100

61 289.4 120.9 224.5#

63 1377.7 110.9 205.9#

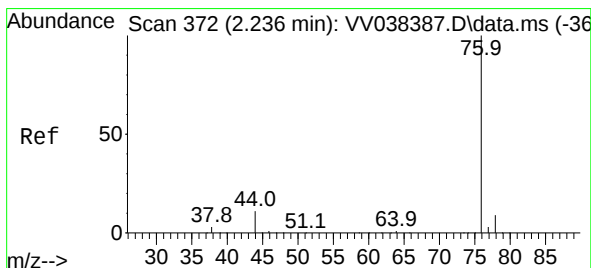
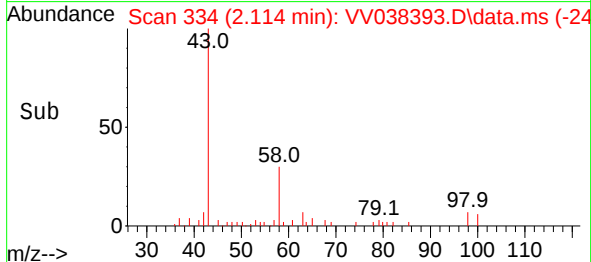
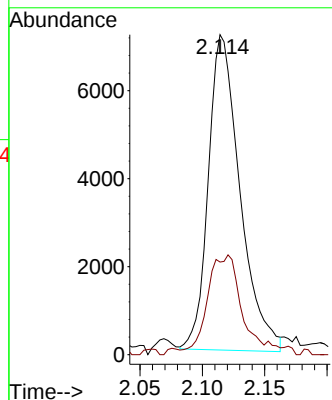
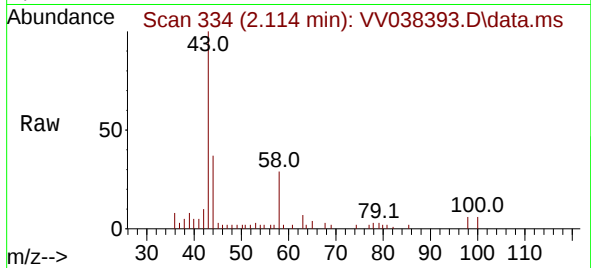




#13
Acetone
Concen: 4.489 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

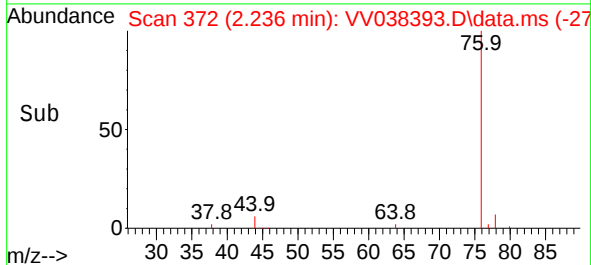
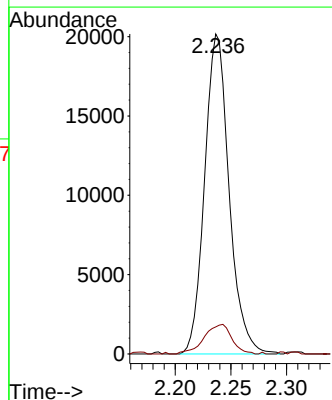
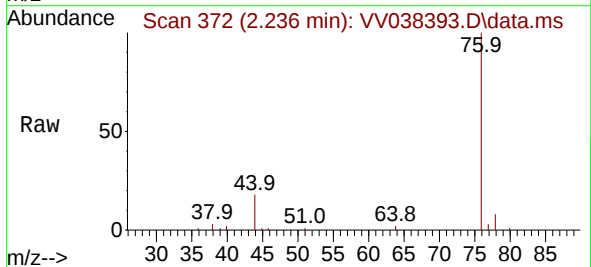
Instrument :
MSVOA_V
ClientSampleId :

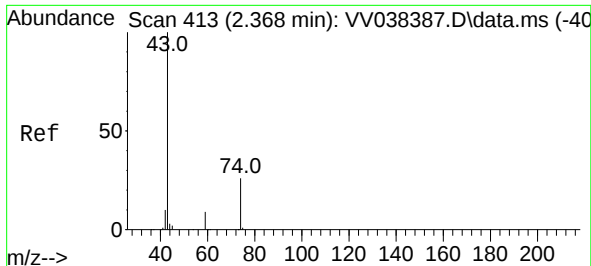
Tgt Ion: 43 Resp: 12681
Ion Ratio Lower Upper
43 100
58 13.1 0.0 67.2



#14
Carbon disulfide
Concen: 2.590 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion: 76 Resp: 30860
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0





#15

Methyl Acetate

Concen: 2.148 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.016 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

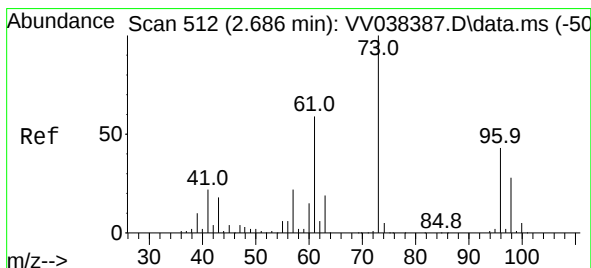
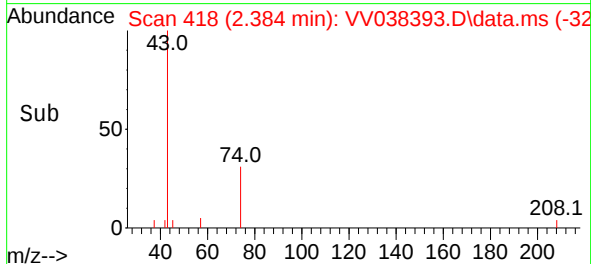
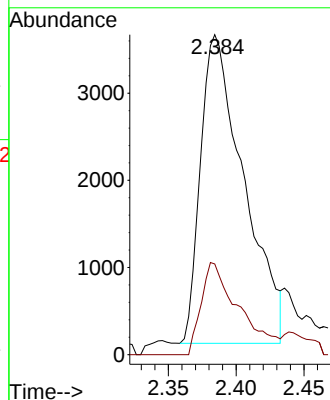
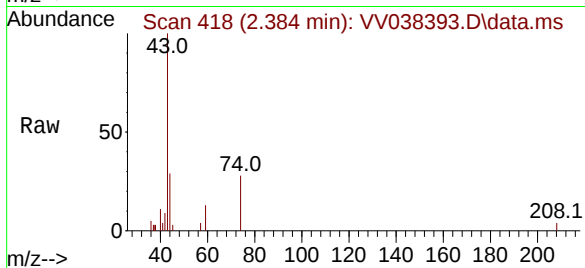
ClientSampleId :

Tgt Ion: 43 Resp: 7853

Ion Ratio Lower Upper

43 100

74 26.5 20.6 31.0



#17

trans-1,2-Dichloroethene

Concen: 2.319 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.010 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

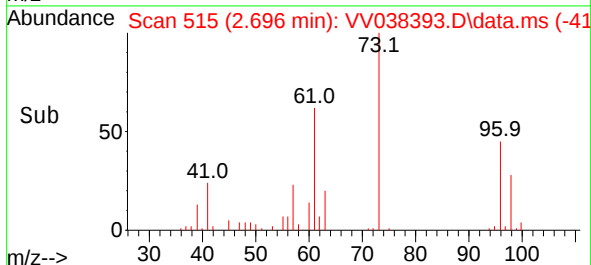
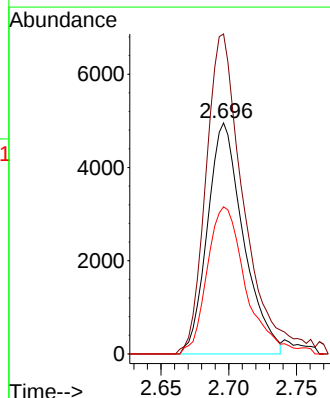
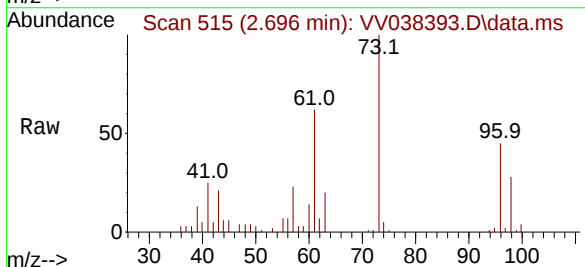
Tgt Ion: 96 Resp: 9152

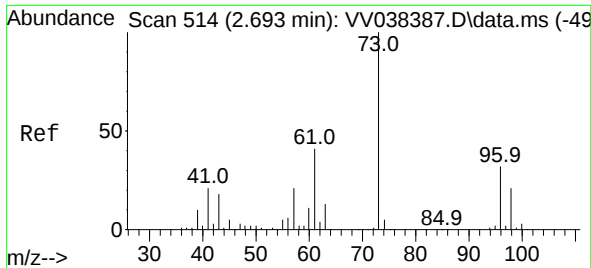
Ion Ratio Lower Upper

96 100

61 138.5 95.7 177.7

98 63.7 46.4 86.2

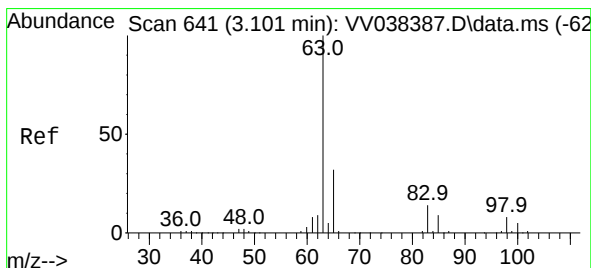
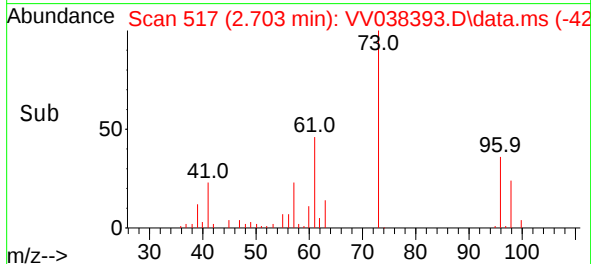
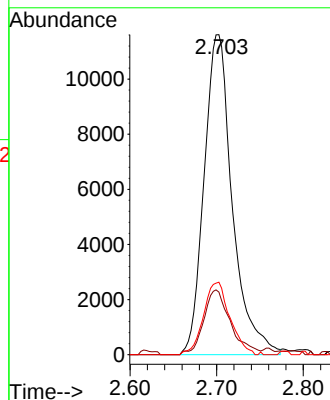
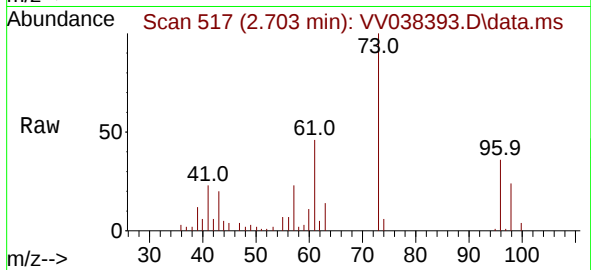




#18
Methyl tert-butyl Ether
Concen: 2.310 ug/L
RT: 2.703 min Scan# 514
Delta R.T. 0.010 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

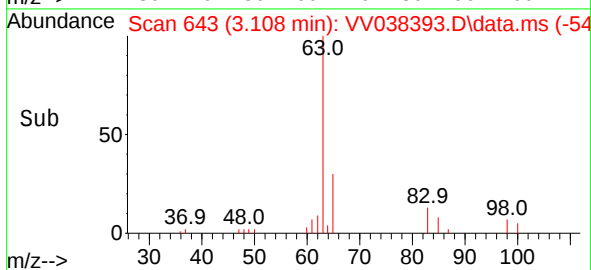
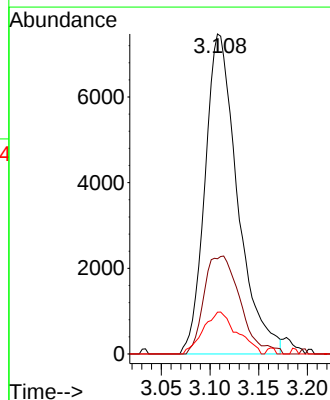
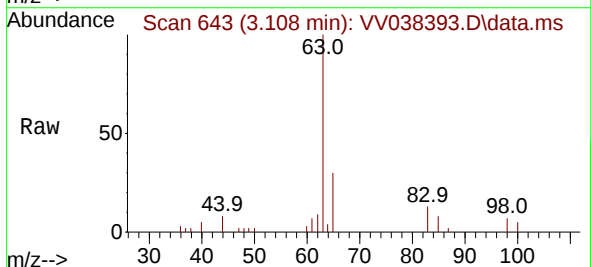
Instrument :
MSVOA_V
ClientSampleId :

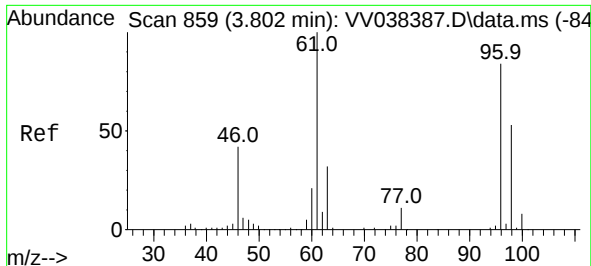
Tgt Ion: 73 Resp: 26340
Ion Ratio Lower Upper
73 100
43 19.0 14.7 22.1
57 21.1 17.7 26.5



#19
1,1-Dichloroethane
Concen: 2.397 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

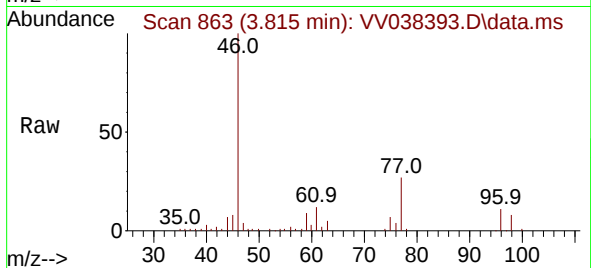
Tgt Ion: 63 Resp: 17355
Ion Ratio Lower Upper
63 100
65 29.7 22.6 42.0
83 13.1 9.8 18.2



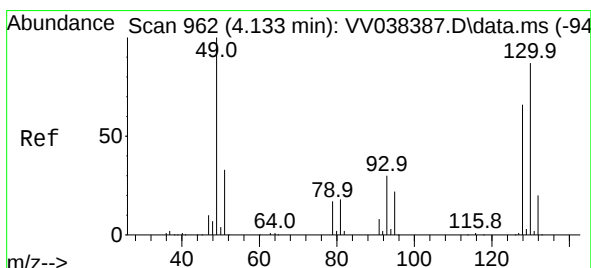
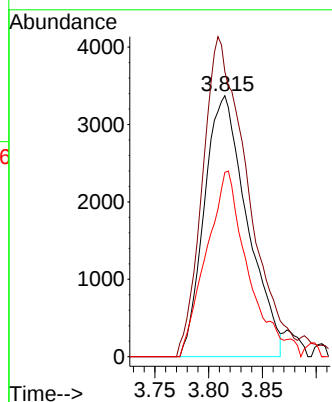
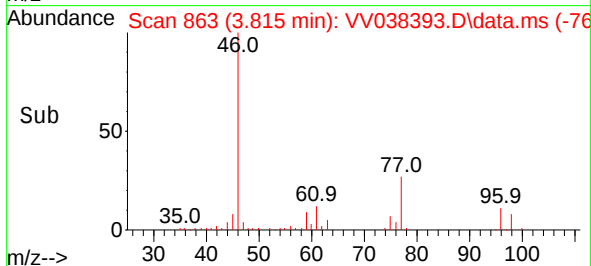


#20
cis-1,2-Dichloroethene
Concen: 2.257 ug/L
RT: 3.815 min Scan# 81
Delta R.T. 0.013 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

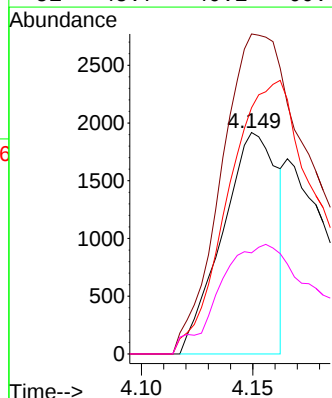
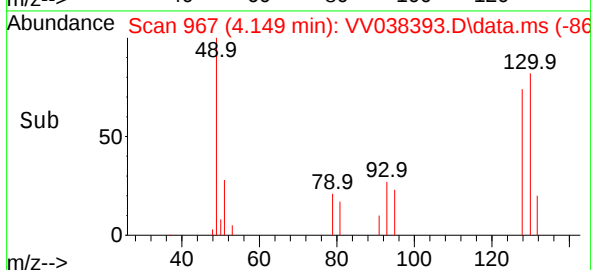
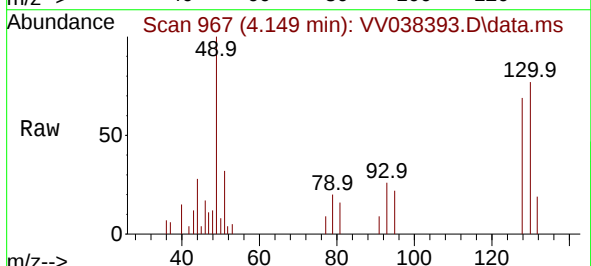


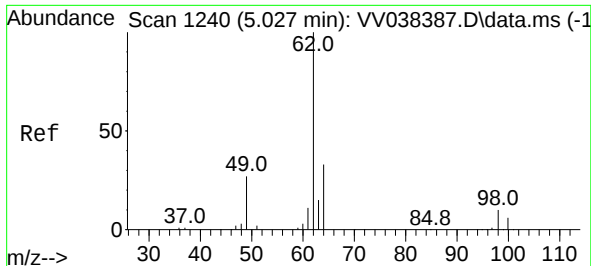
Tgt Ion: 96 Resp: 9368
Ion Ratio Lower Upper
96 100
61 109.3 83.5 155.1
98 70.6 44.6 82.8



#23
Bromochloromethane
Concen: 1.453 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.016 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion: 128 Resp: 3278
Ion Ratio Lower Upper
128 100
49 144.5 106.7 198.3
130 111.3 93.2 173.2
51 45.7 40.2 60.4

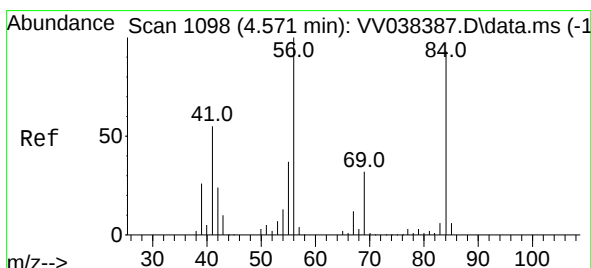
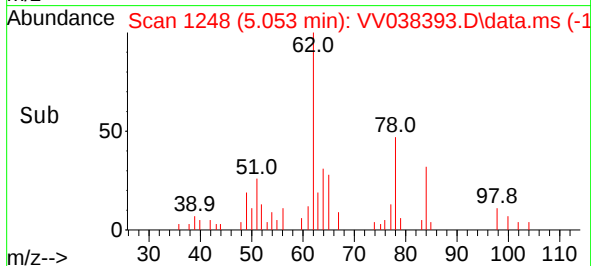
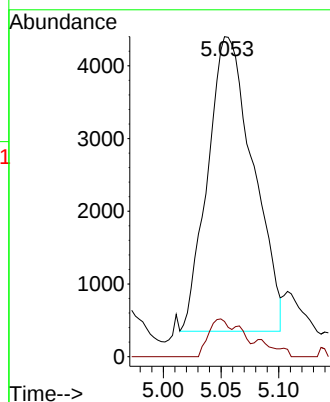
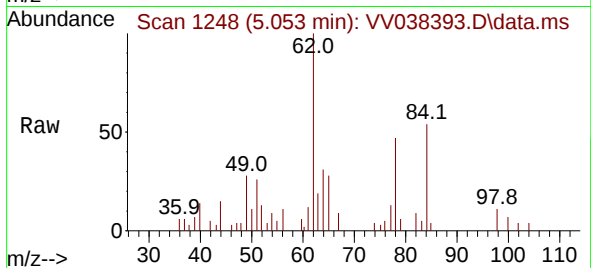




#27
1,2-Dichloroethane
Concen: 2.011 ug/L
RT: 5.053 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

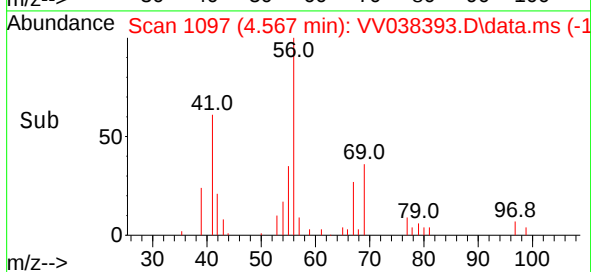
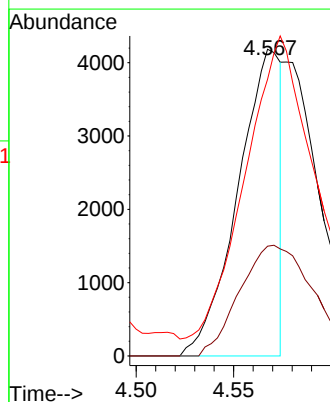
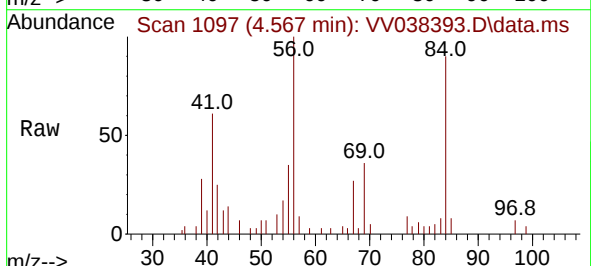
Instrument :
MSVOA_V
ClientSampleId :

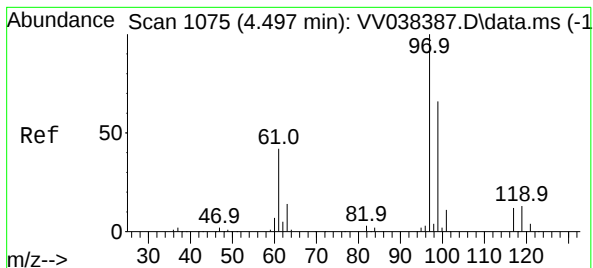
Tgt Ion: 62 Resp: 11084
Ion Ratio Lower Upper
62 100
98 11.0 7.5 11.3



#29
Cyclohexane
Concen: 1.148 ug/L
RT: 4.567 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion: 56 Resp: 6381
Ion Ratio Lower Upper
56 100
69 63.3 24.8 37.2#
84 166.4 73.7 110.5#





#30

1,1,1-Trichloroethane

Concen: 2.445 ug/L

RT: 4.506 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

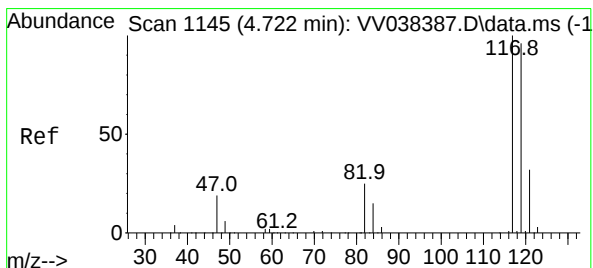
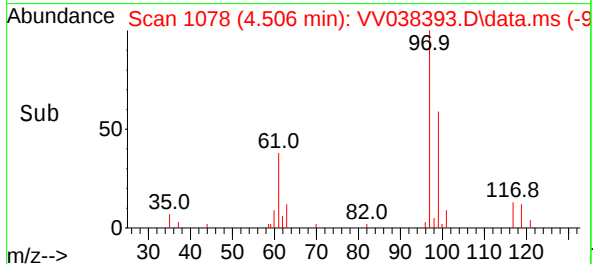
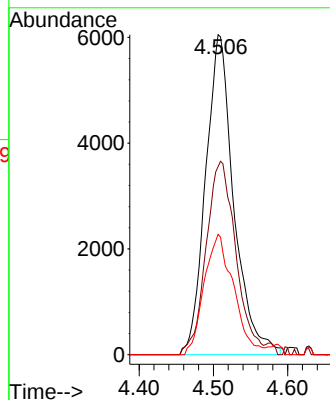
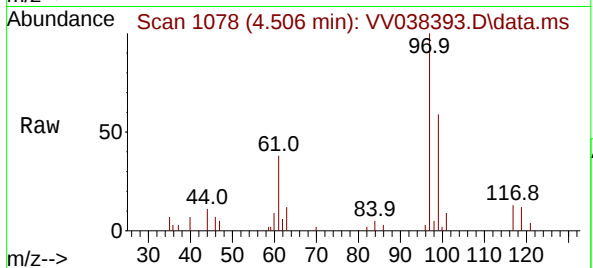
Tgt Ion: 97 Resp: 15980

Ion Ratio Lower Upper

97 100

99 63.5 52.3 78.5

61 38.7 33.6 50.4



#31

Carbon tetrachloride

Concen: 2.370 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VV038393.D

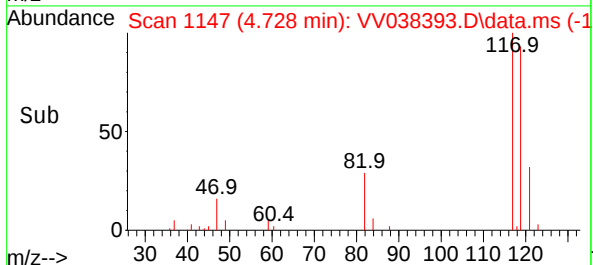
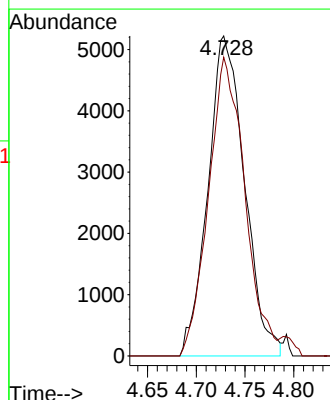
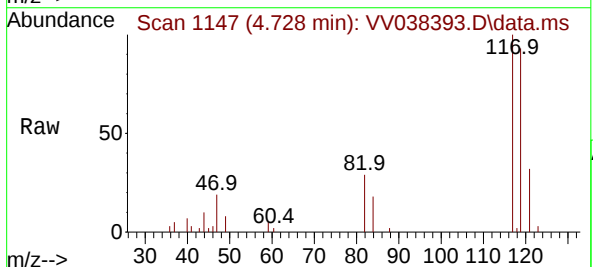
Acq: 02 Dec 2024 17:01

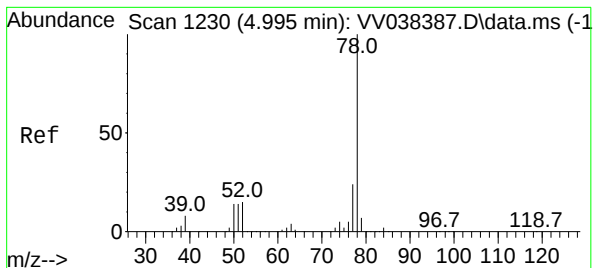
Tgt Ion:117 Resp: 13613

Ion Ratio Lower Upper

117 100

119 92.4 77.7 116.5





#33

Benzene

Concen: 2.183 ug/L

RT: 5.008 min Scan# 1492

Delta R.T. 0.013 min

Lab File: VV038393.D

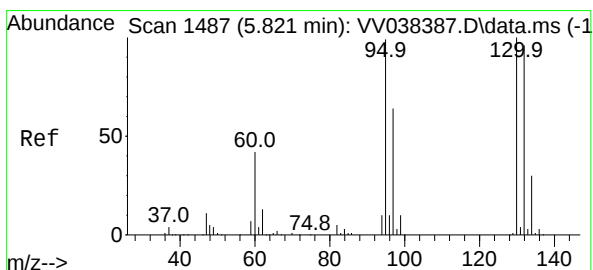
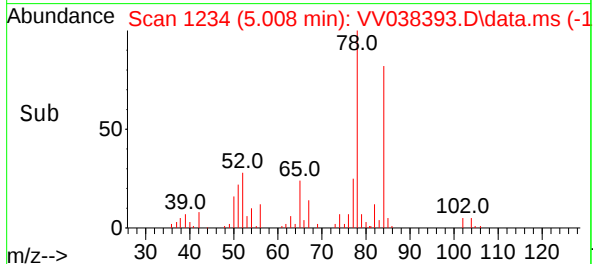
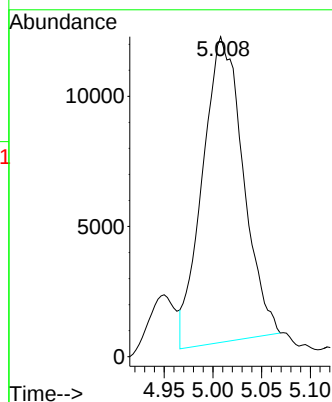
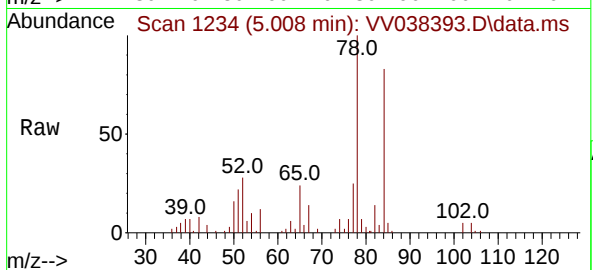
Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 34075



#34

Trichloroethene

Concen: 2.317 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. 0.016 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Tgt Ion: 95 Resp: 9662

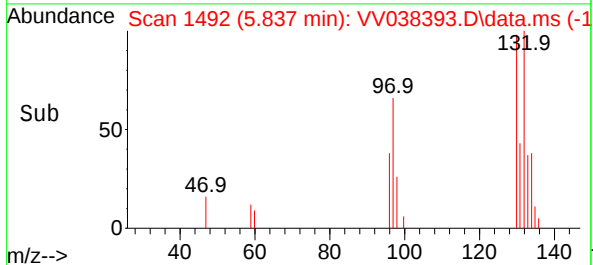
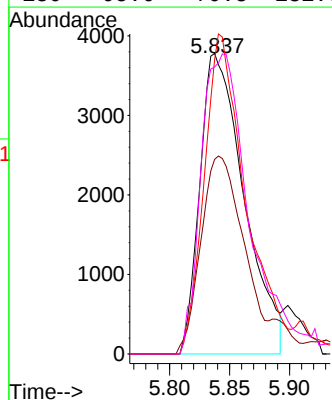
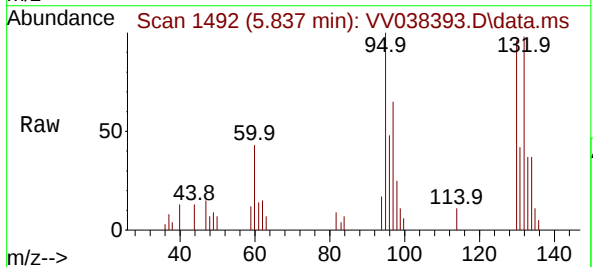
Ion Ratio Lower Upper

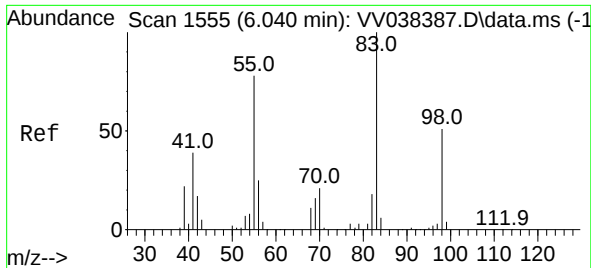
95 100

97 64.8 45.6 84.8

132 97.9 67.6 125.6

130 95.6 70.8 131.6





#35

Methylcyclohexane

Concen: 2.189 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV038393.D

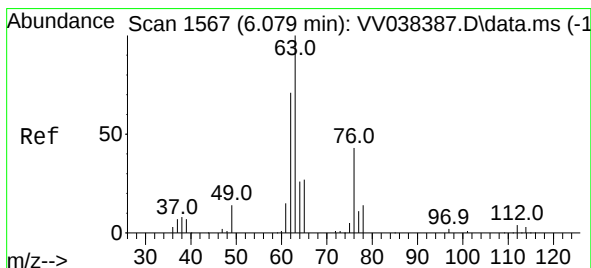
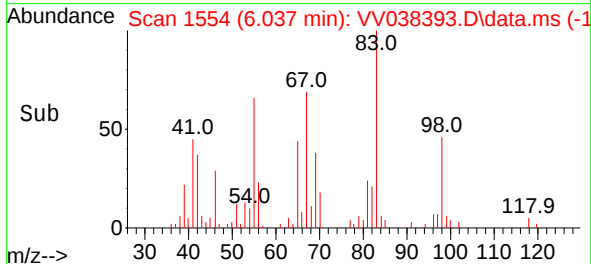
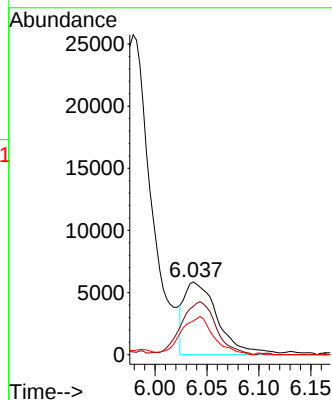
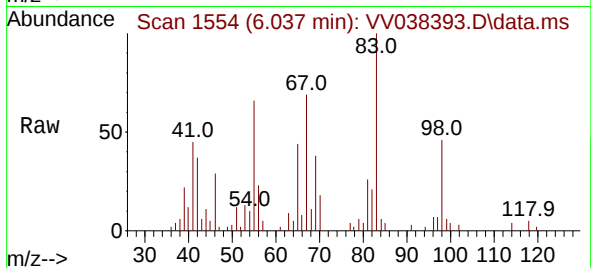
Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	13107
Ion Ratio	Lower	Upper	
83	100		
55	75.6	59.0	88.6
98	50.9	39.5	59.3



#37

1,2-Dichloropropane

Concen: 2.212 ug/L

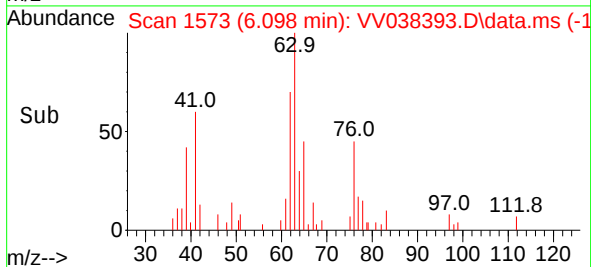
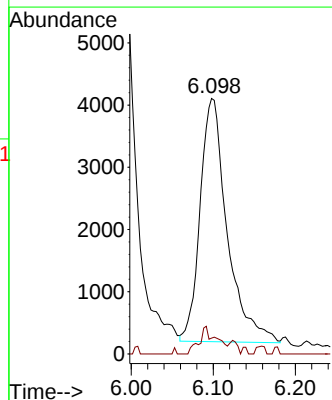
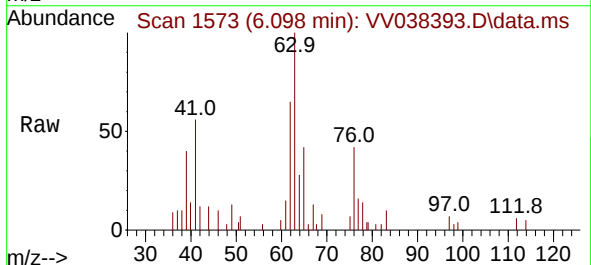
RT: 6.098 min Scan# 1573

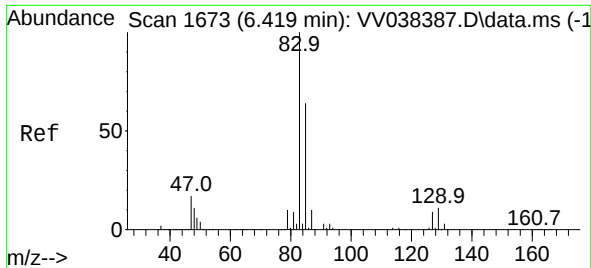
Delta R.T. 0.019 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Tgt Ion:	63	Resp:	8979
Ion Ratio	Lower	Upper	
63	100		
112	3.2	3.8	5.6#





#38

Bromodichloromethane

Concen: 2.359 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.023 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

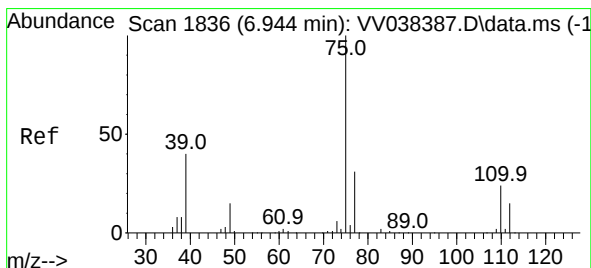
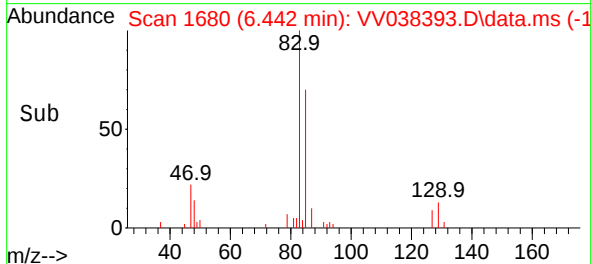
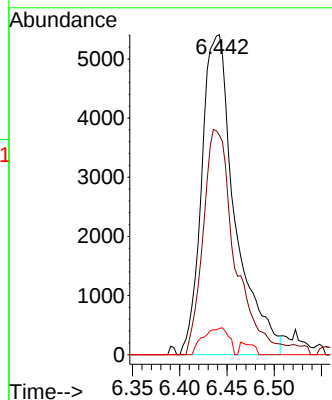
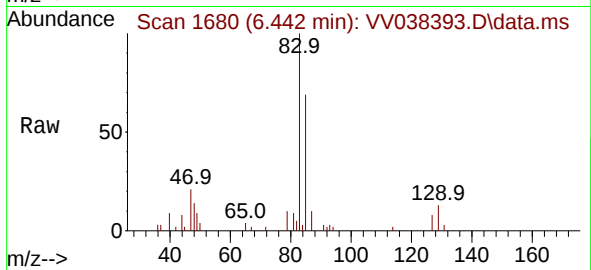
Tgt Ion: 83 Resp: 13288

Ion Ratio Lower Upper

83 100

85 68.5 44.9 83.5

127 8.3 6.8 10.2



#39

cis-1,3-Dichloropropene

Concen: 2.267 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.013 min

Lab File: VV038393.D

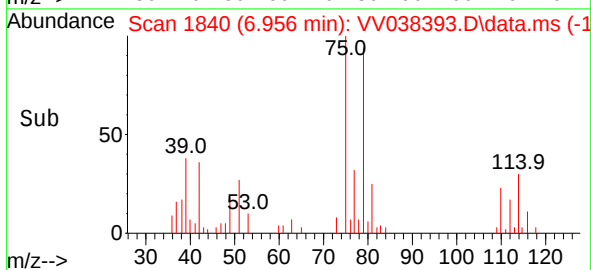
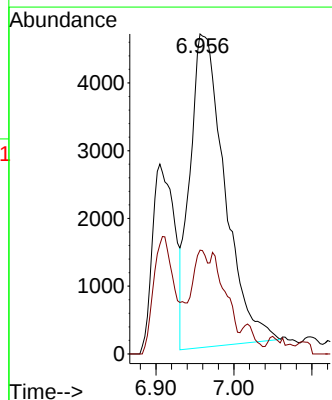
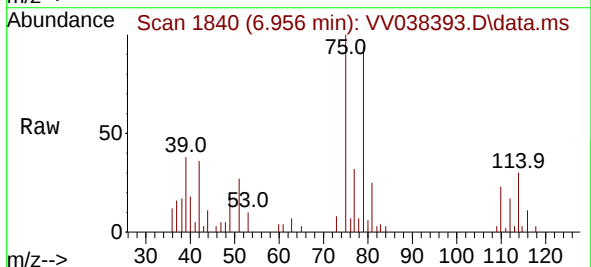
Acq: 02 Dec 2024 17:01

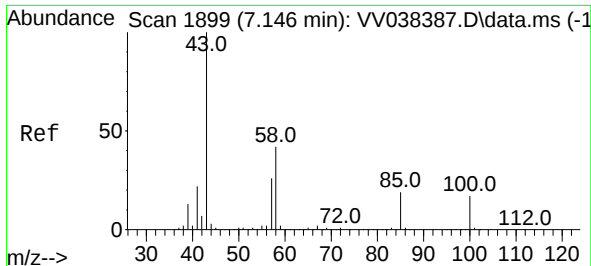
Tgt Ion: 75 Resp: 14281

Ion Ratio Lower Upper

75 100

77 32.4 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 3.448 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.019 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

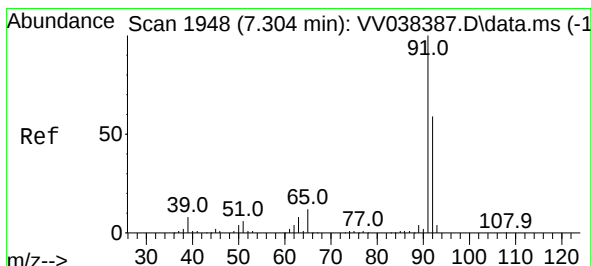
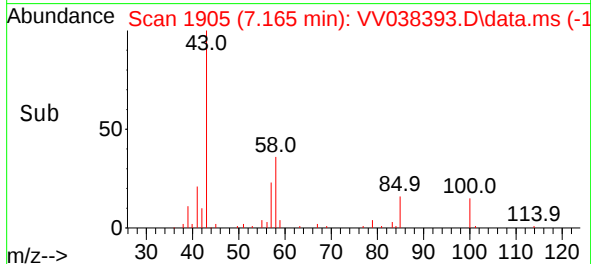
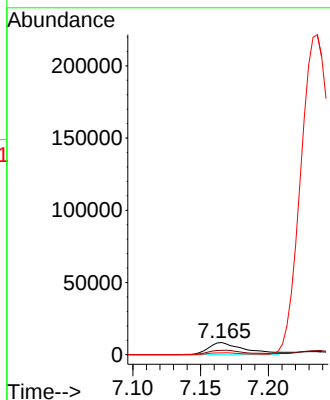
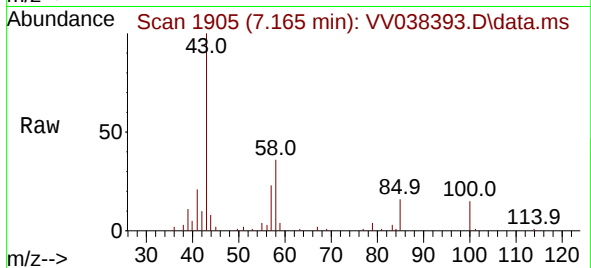
Tgt Ion: 43 Resp: 15663

Ion Ratio Lower Upper

43 100

58 41.3 32.7 49.1

100 14.9 13.7 20.5



#42

Toluene

Concen: 2.370 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.016 min

Lab File: VV038393.D

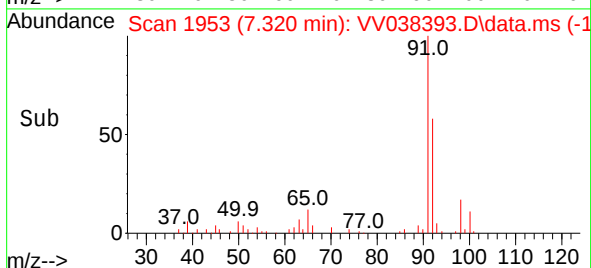
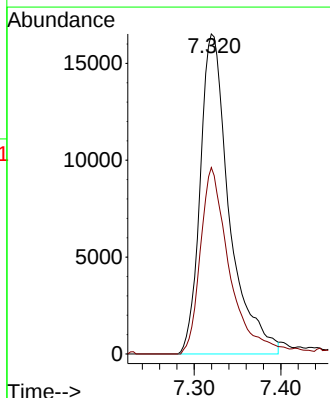
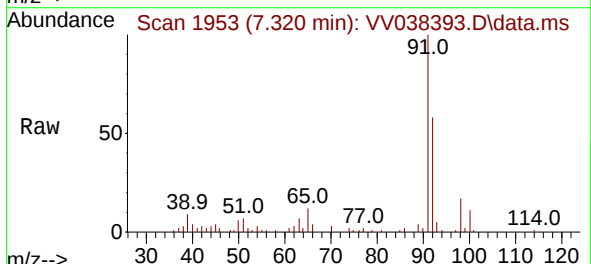
Acq: 02 Dec 2024 17:01

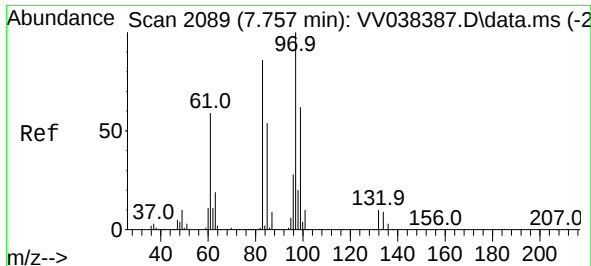
Tgt Ion: 91 Resp: 38429

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.4





#45

1,1,2-Trichloroethane

Concen: 2.466 ug/L

RT: 7.773 min Scan# 2089

Delta R.T. 0.016 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 10383

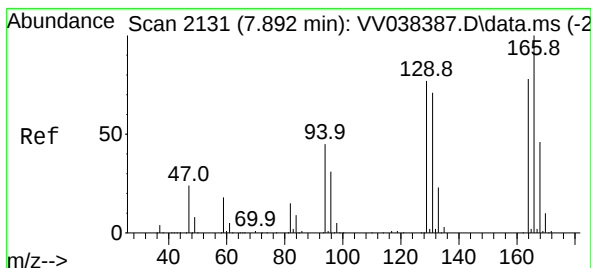
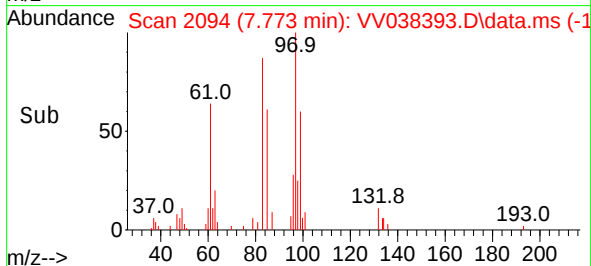
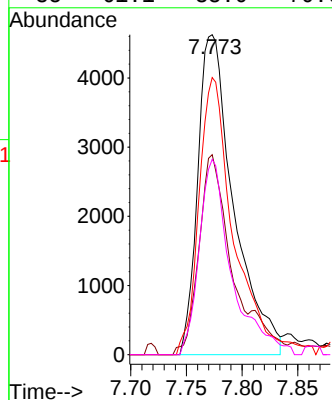
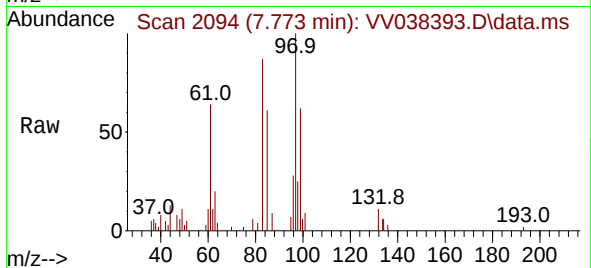
Ion Ratio Lower Upper

97 100

99 62.5 43.6 81.0

83 86.6 60.5 112.5

85 61.1 38.0 70.6



#46

Tetrachloroethene

Concen: 2.314 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.010 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Tgt Ion: 164 Resp: 7449

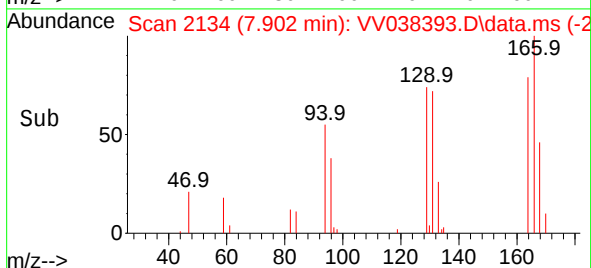
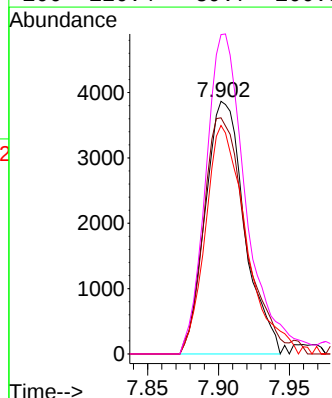
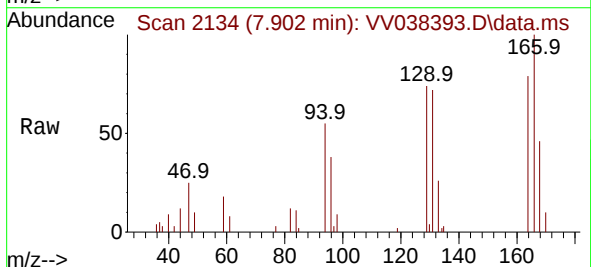
Ion Ratio Lower Upper

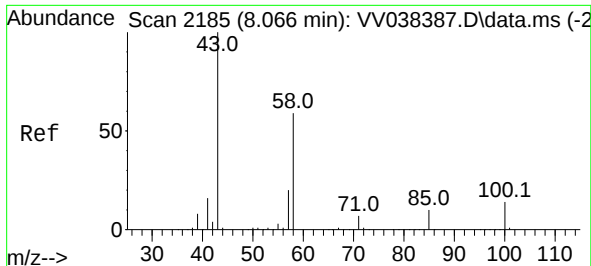
164 100

129 93.5 69.2 128.4

131 90.4 63.1 117.3

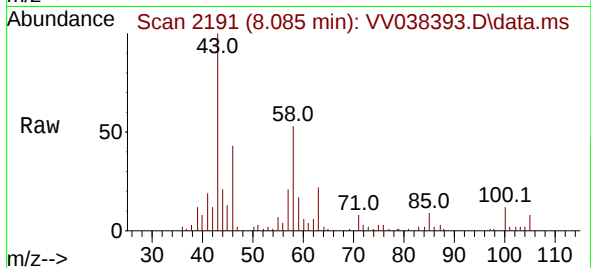
166 126.4 89.7 166.5



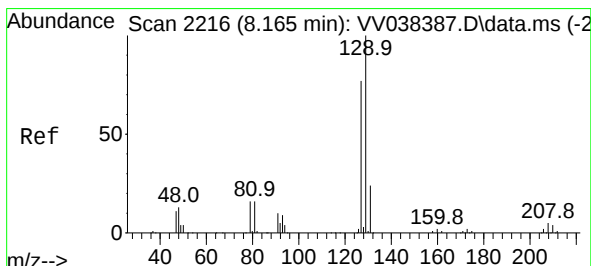
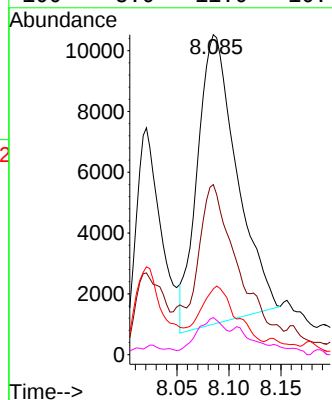
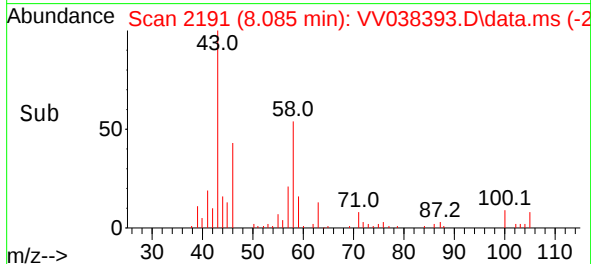


#48
2-Hexanone
Concen: 6.609 ug/L
RT: 8.085 min Scan# 2185
Delta R.T. 0.019 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

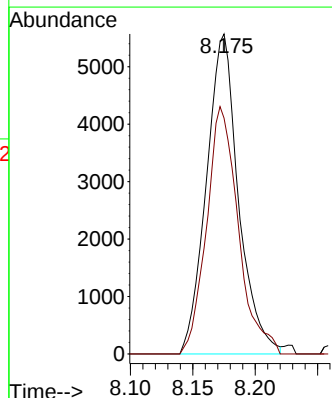
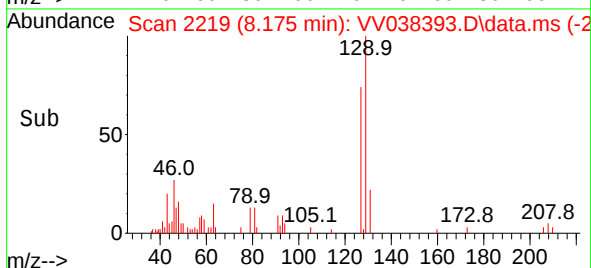
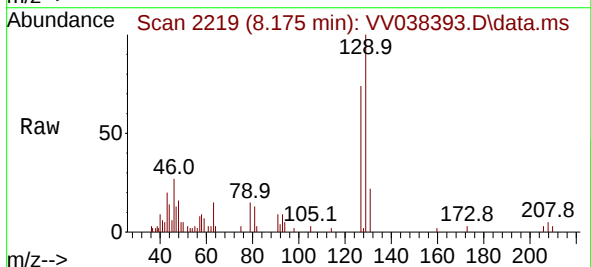


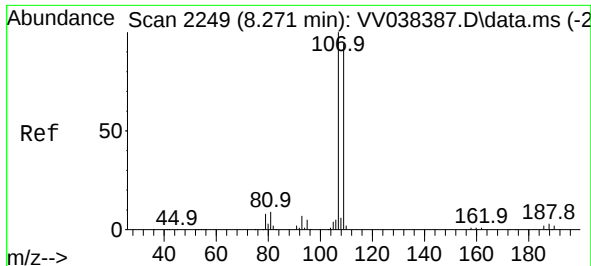
Tgt Ion: 43 Resp: 25048
Ion Ratio Lower Upper
43 100
58 34.1 48.0 72.0#
57 9.6 15.5 23.3#
100 8.0 11.0 16.4#



#49
Dibromochloromethane
Concen: 2.298 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

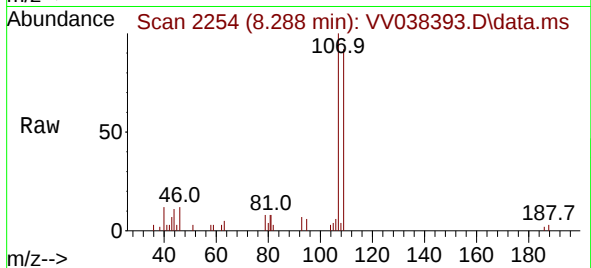
Tgt Ion: 129 Resp: 9981
Ion Ratio Lower Upper
129 100
127 73.7 53.8 100.0



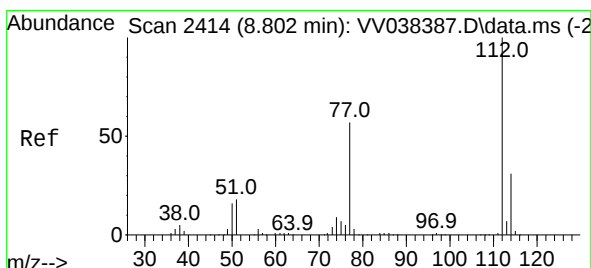
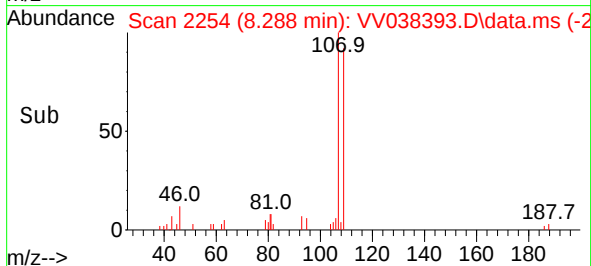
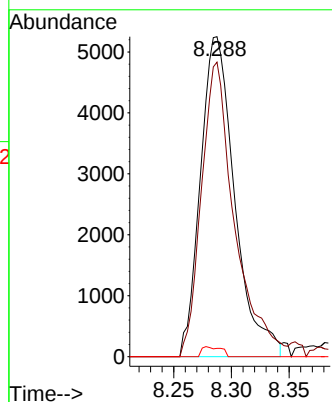


#50
1,2-Dibromoethane
Concen: 2.444 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

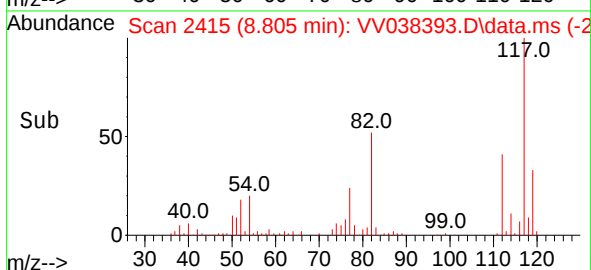
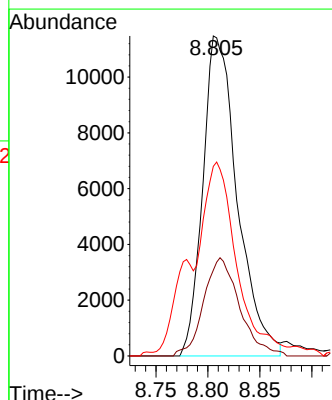
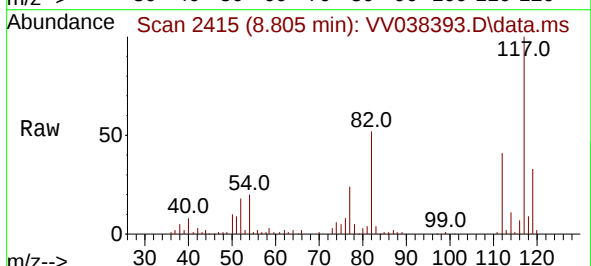


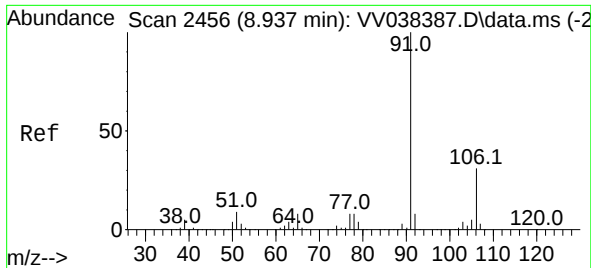
Tgt Ion:107 Resp: 10846
Ion Ratio Lower Upper
107 100
109 92.0 66.1 122.7
188 2.6 2.6 3.8



#51
Chlorobenzene
Concen: 2.384 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion:112 Resp: 26564
Ion Ratio Lower Upper
112 100
114 26.8 21.9 40.7
77 59.3 45.4 68.0

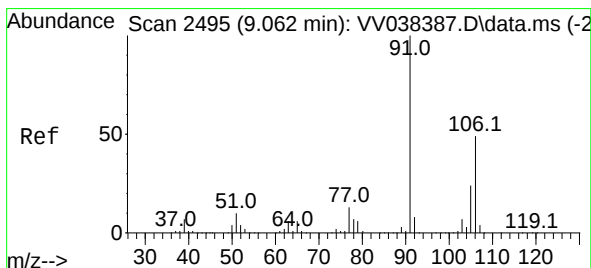
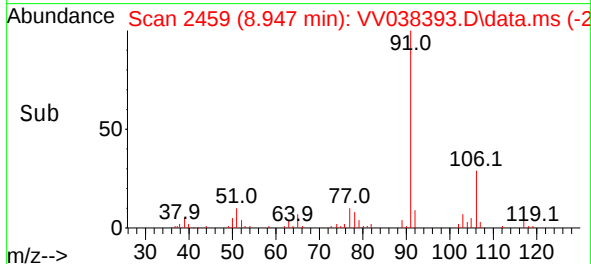
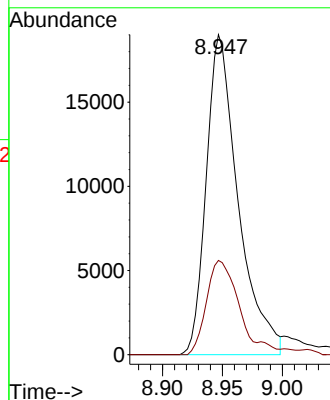
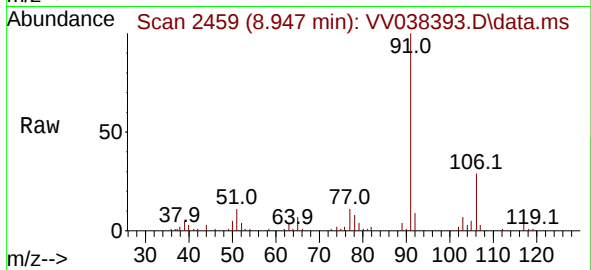




#52
Ethylbenzene
Concen: 2.021 ug/L
RT: 8.947 min Scan# 2456
Delta R.T. 0.010 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

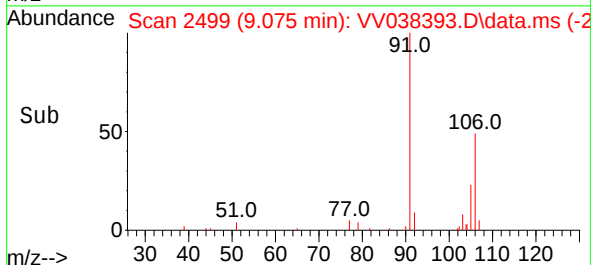
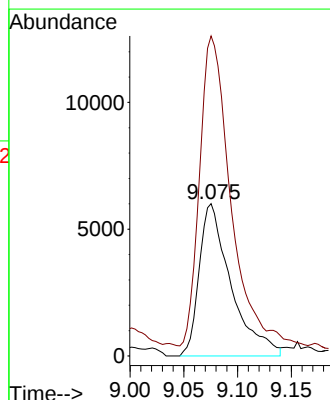
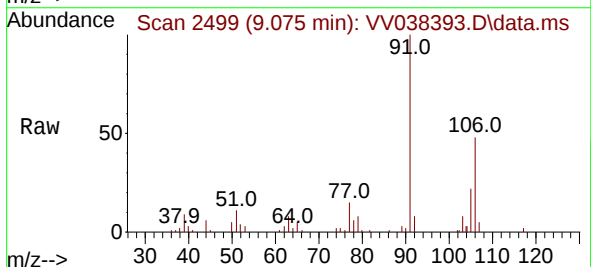
Instrument :
MSVOA_V
ClientSampleId :

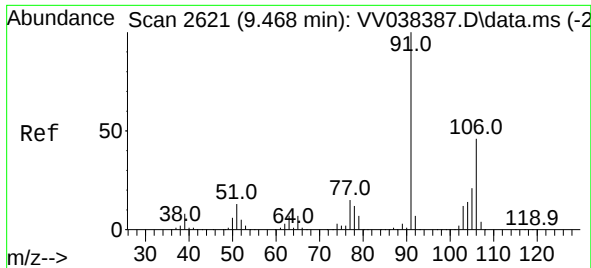
Tgt Ion: 91 Resp: 35157
Ion Ratio Lower Upper
91 100
106 29.5 21.6 40.0



#53
m,p-Xylene
Concen: 1.881 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.013 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion: 106 Resp: 12398
Ion Ratio Lower Upper
106 100
91 210.1 142.6 264.8

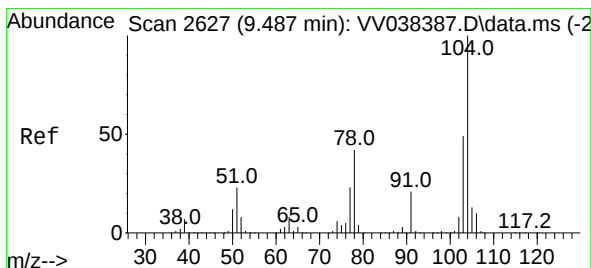
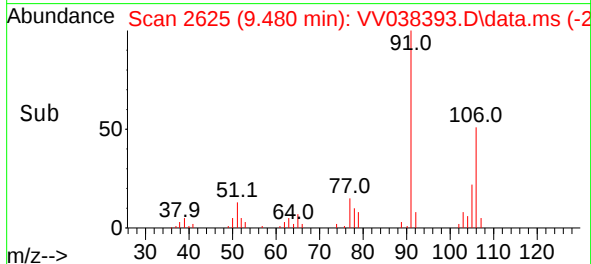
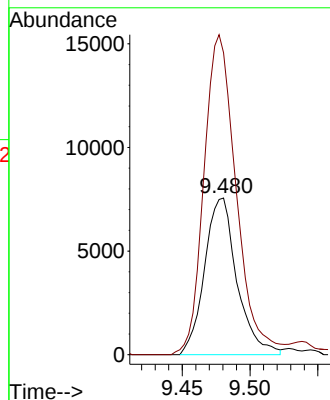
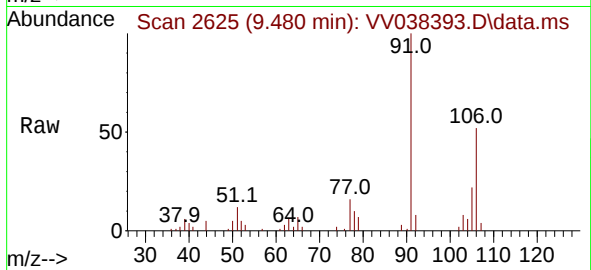




#54
o-Xylene
Concen: 1.981 ug/L
RT: 9.480 min Scan# 2621
Delta R.T. 0.013 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

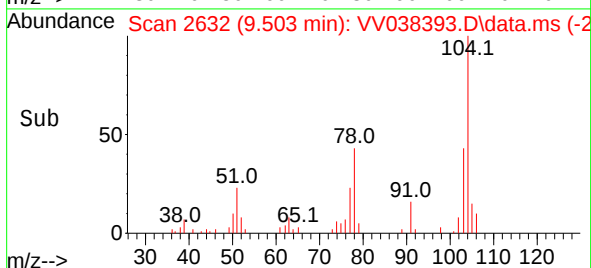
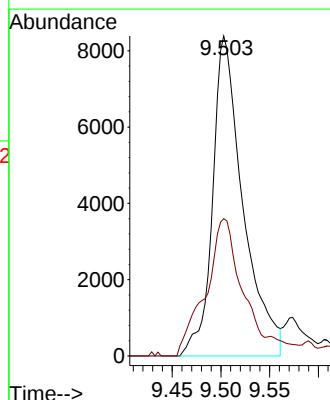
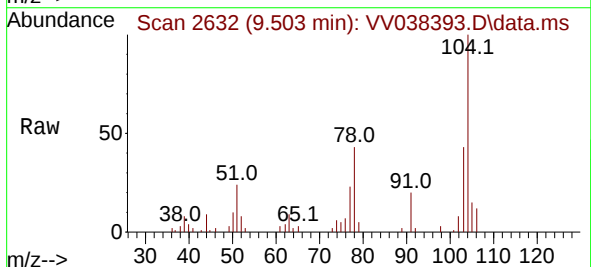
Instrument :
MSVOA_V
ClientSampleId :

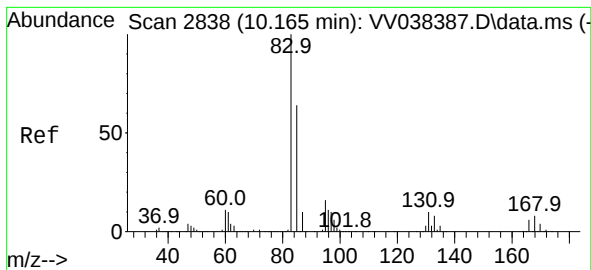
Tgt Ion:106 Resp: 12565
Ion Ratio Lower Upper
106 100
91 192.8 151.1 280.7



#55
Styrene
Concen: 1.637 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.016 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion:104 Resp: 18231
Ion Ratio Lower Upper
104 100
78 42.9 29.7 55.1

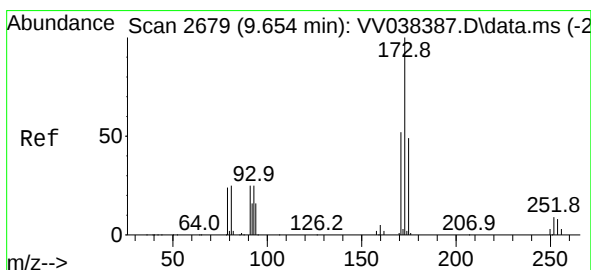
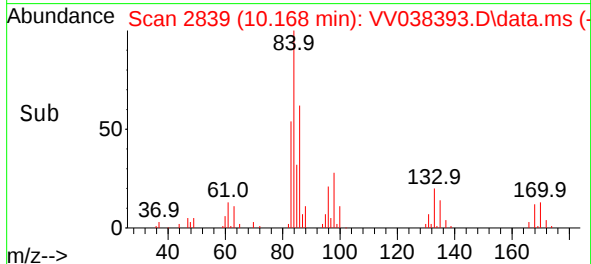
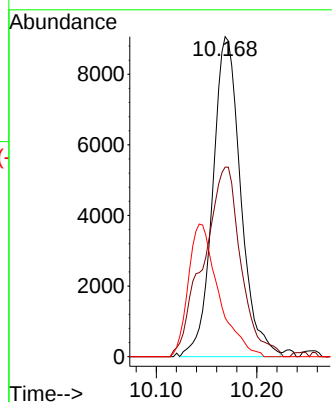
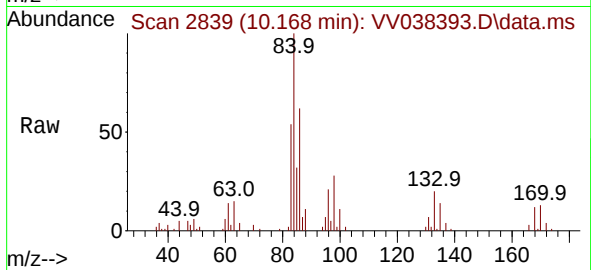




#57
1,1,2,2-Tetrachloroethane
Concen: 2.680 ug/L
RT: 10.168 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

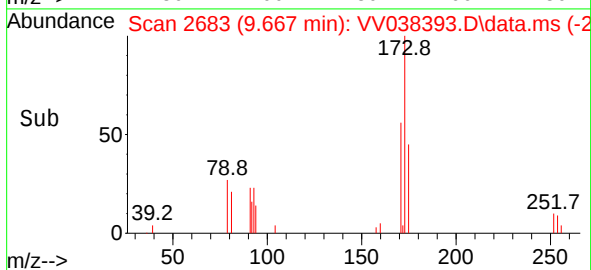
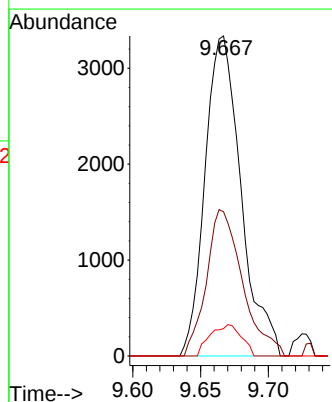
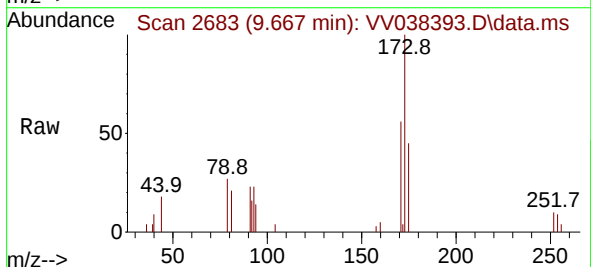
Instrument :
MSVOA_V
ClientSampleId :

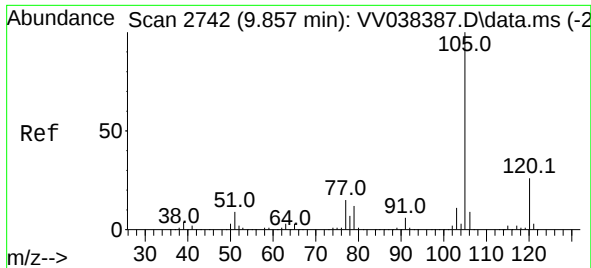
Tgt Ion: 83 Resp: 17531
Ion Ratio Lower Upper
83 100
85 59.3 44.7 82.9
131 12.1 8.0 12.0#



#59
Bromoform
Concen: 2.370 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.013 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

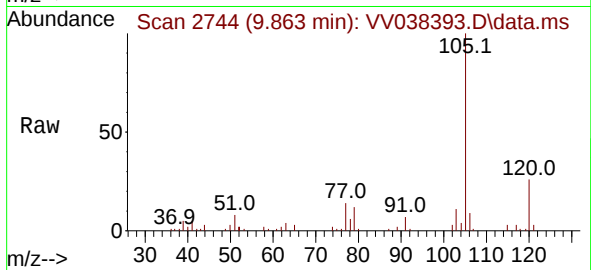
Tgt Ion: 173 Resp: 6157
Ion Ratio Lower Upper
173 100
175 45.8 38.8 58.2
254 8.5 6.9 10.3



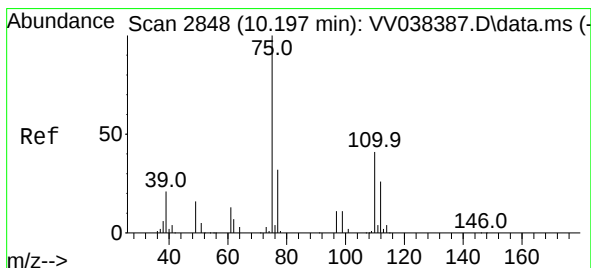
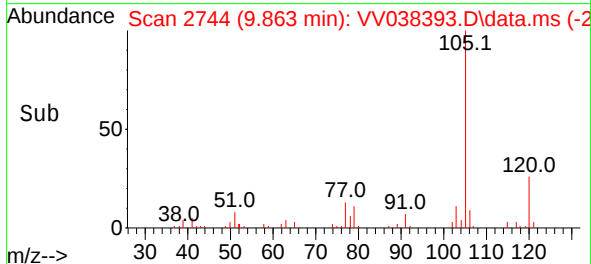
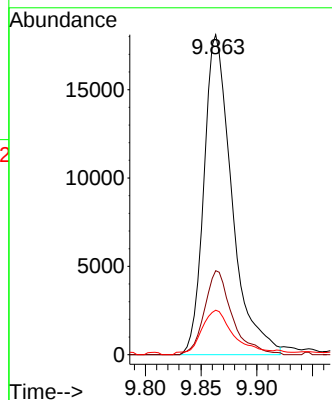


#60
Isopropylbenzene
Concen: 2.140 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

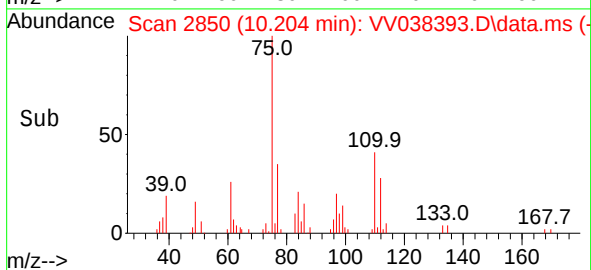
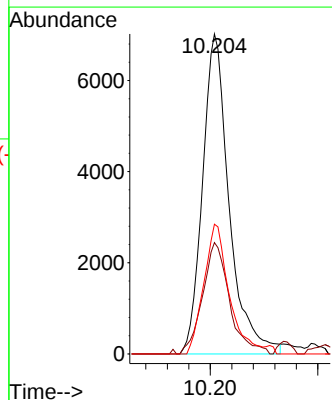
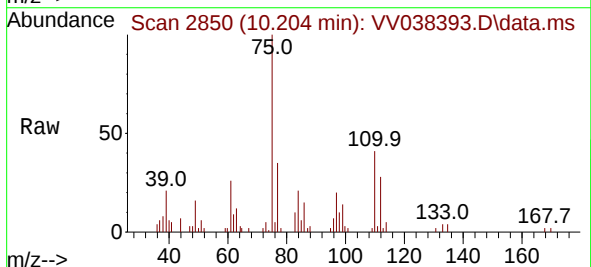


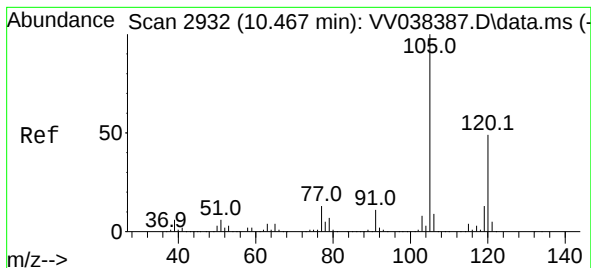
Tgt Ion:105 Resp: 31627
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 13.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 2.864 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.006 min
Lab File: VV038393.D
Acq: 02 Dec 2024 17:01

Tgt Ion: 75 Resp: 12049
Ion Ratio Lower Upper
75 100
77 35.2 25.8 38.6
110 38.5 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 1.963 ug/L

RT: 10.471 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

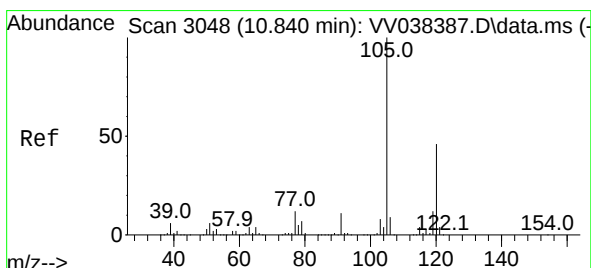
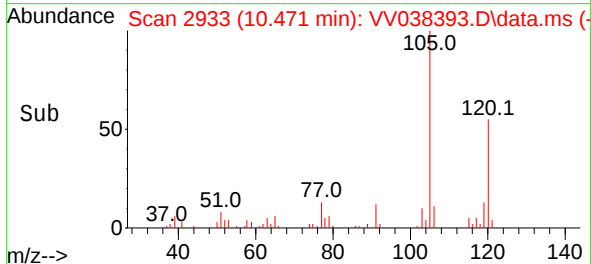
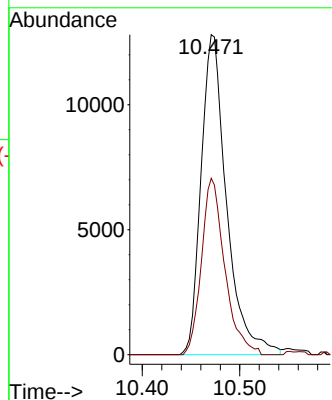
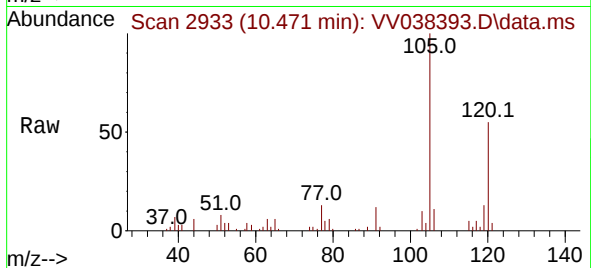
ClientSampleId :

Tgt Ion:105 Resp: 23279

Ion Ratio Lower Upper

105 100

120 50.1 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 1.927 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VV038393.D

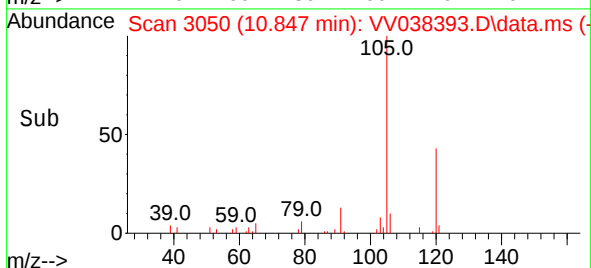
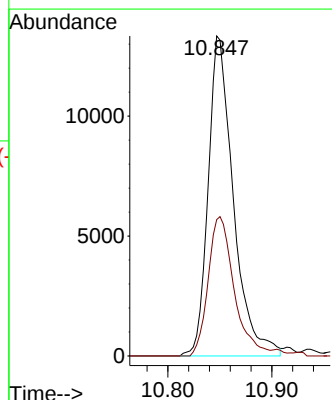
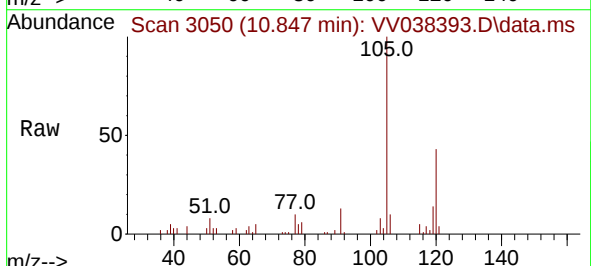
Acq: 02 Dec 2024 17:01

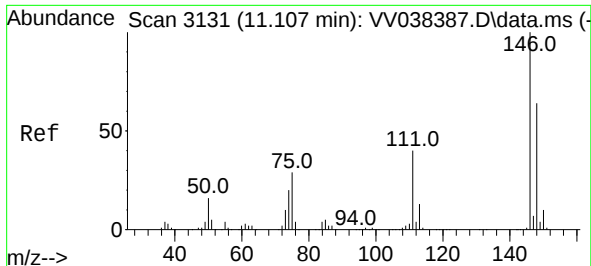
Tgt Ion:105 Resp: 22465

Ion Ratio Lower Upper

105 100

120 44.8 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 2.403 ug/L

RT: 11.117 min Scan# 3131

Delta R.T. 0.010 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

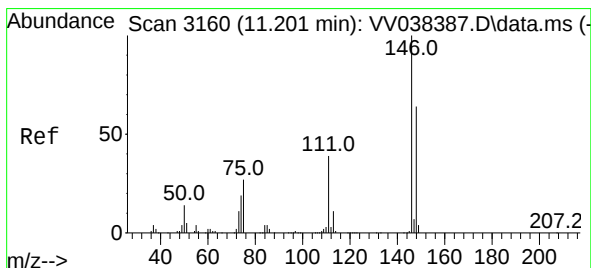
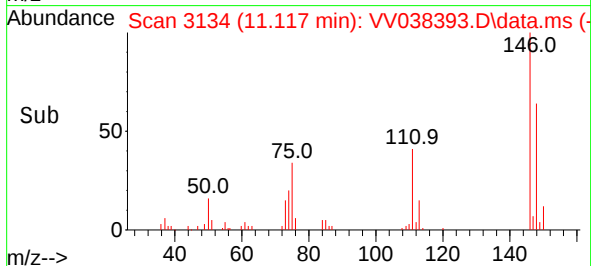
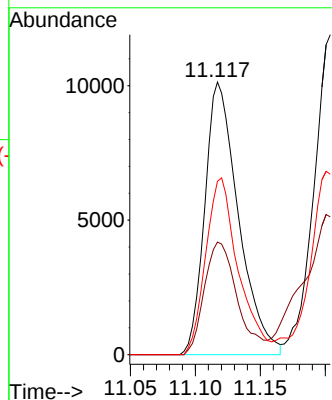
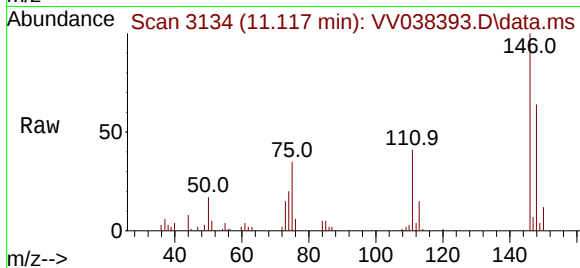
Tgt Ion:146 Resp: 18227

Ion Ratio Lower Upper

146 100

111 41.3 27.8 51.6

148 63.6 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 2.439 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

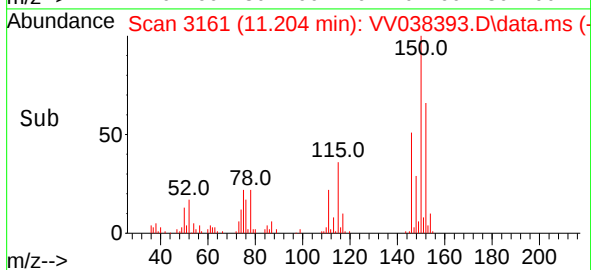
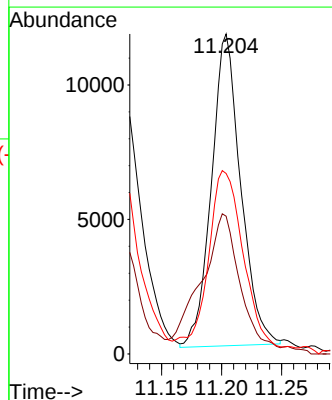
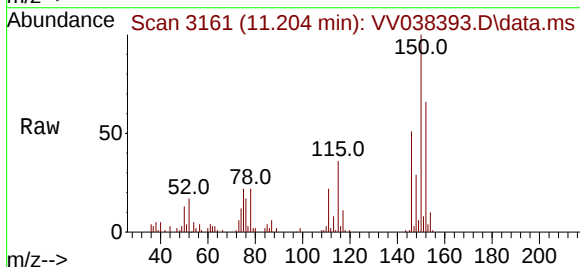
Tgt Ion:146 Resp: 19672

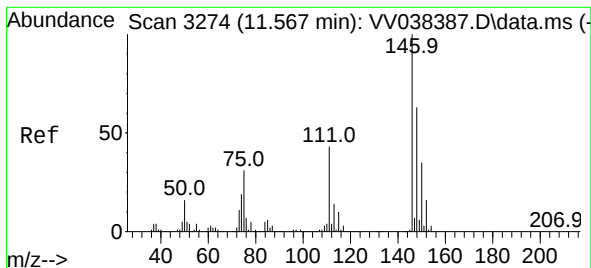
Ion Ratio Lower Upper

146 100

111 43.1 27.6 51.4

148 56.4 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 2.591 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038393.D

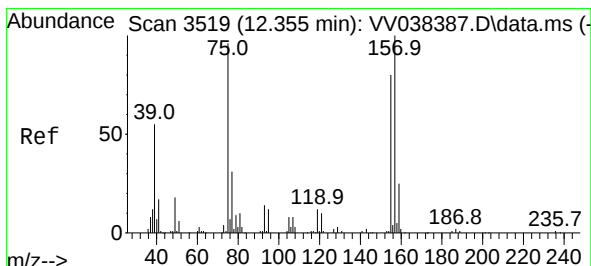
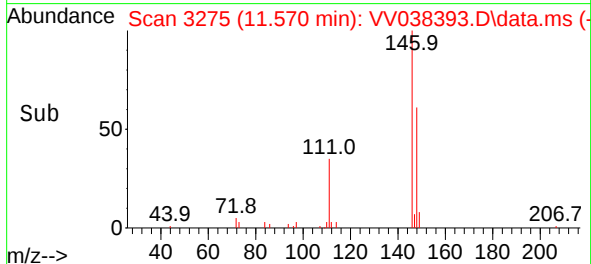
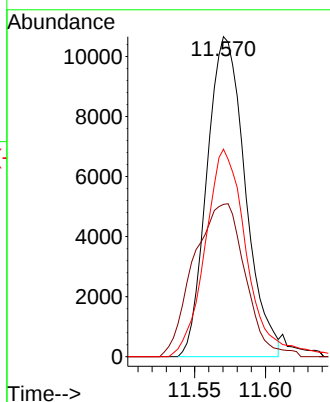
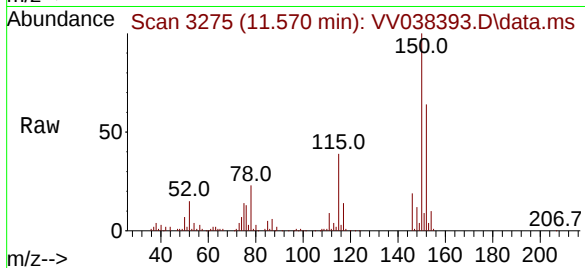
Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	146	Resp:	20041
Ion Ratio	Lower	Upper	
146	100		
111	47.6	34.2	51.2
148	64.8	50.5	75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 2.581 ug/L

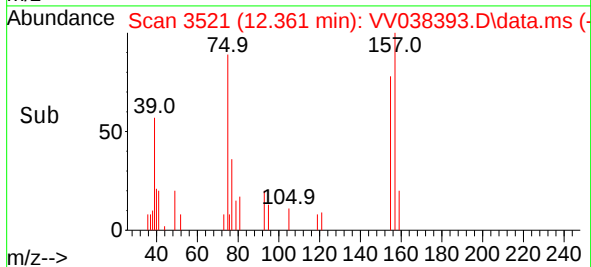
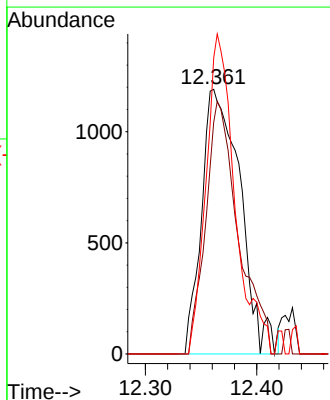
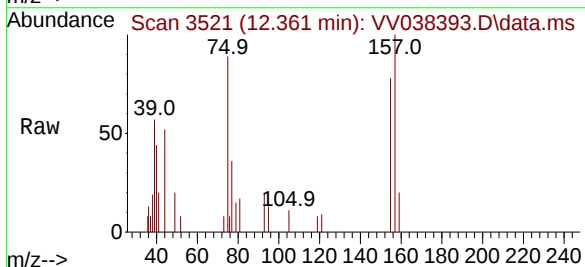
RT: 12.361 min Scan# 3521

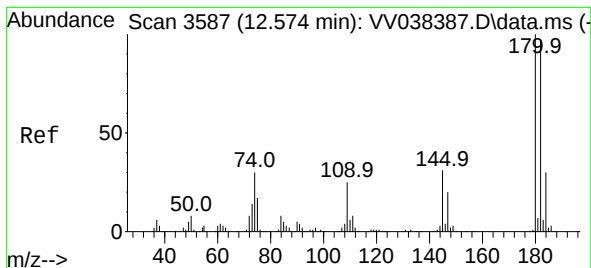
Delta R.T. 0.006 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Tgt Ion:	75	Resp:	2862
Ion Ratio	Lower	Upper	
75	100		
155	87.6	66.8	100.2
157	111.9	83.4	125.2





#69

1,3,5-Trichlorobenzene

Concen: 2.373 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.010 min

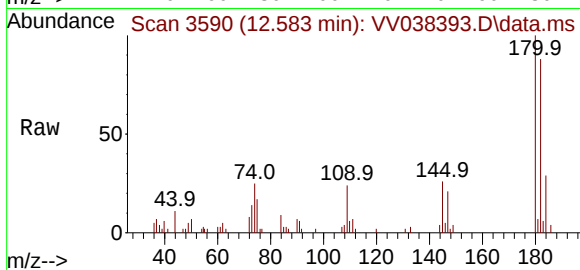
Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 12279

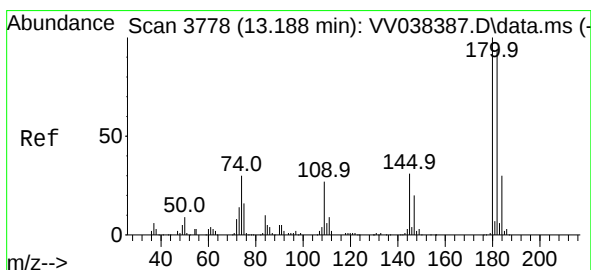
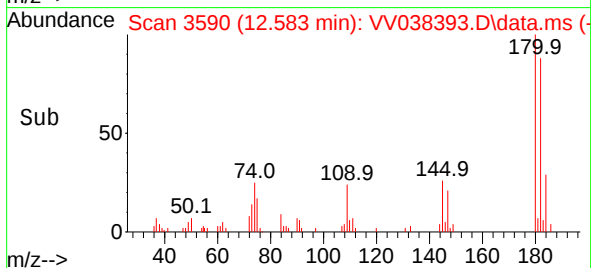
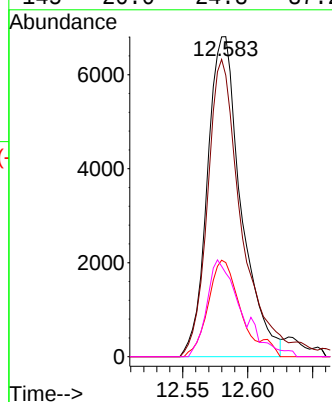
Ion Ratio Lower Upper

180 100

182 92.3 76.2 114.4

184 27.7 23.8 35.6

145 26.0 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 2.253 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.013 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

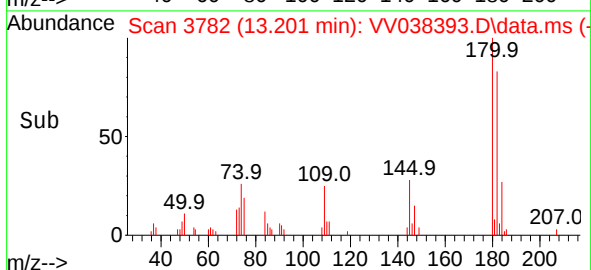
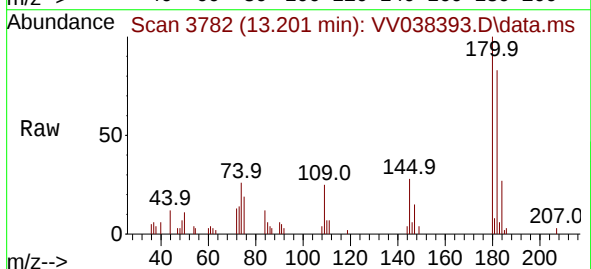
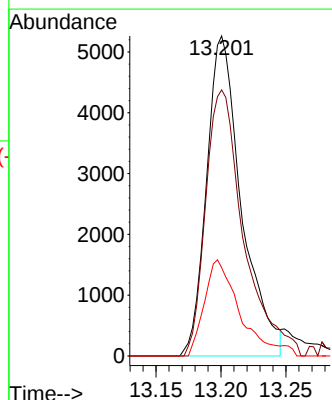
Tgt Ion:180 Resp: 9820

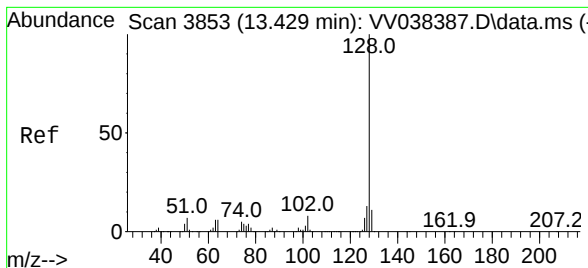
Ion Ratio Lower Upper

180 100

182 90.2 76.2 114.2

145 29.9 24.7 37.1





#71

Naphthalene

Concen: 2.078 ug/L

RT: 13.445 min Scan# 3911

Delta R.T. 0.016 min

Lab File: VV038393.D

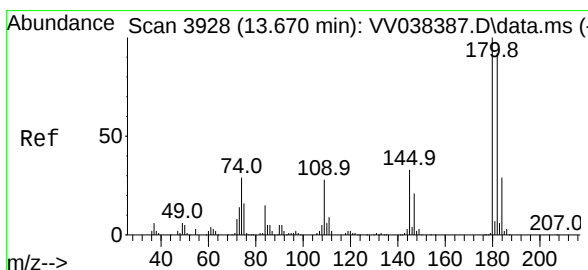
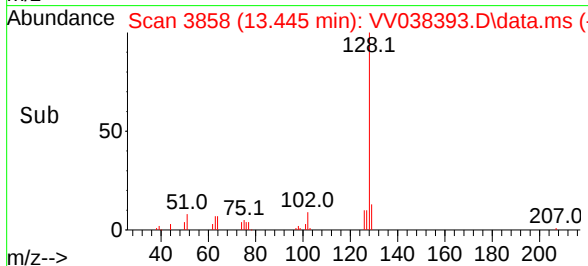
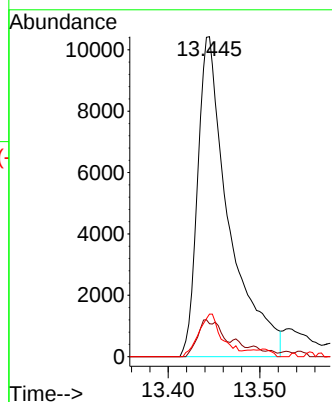
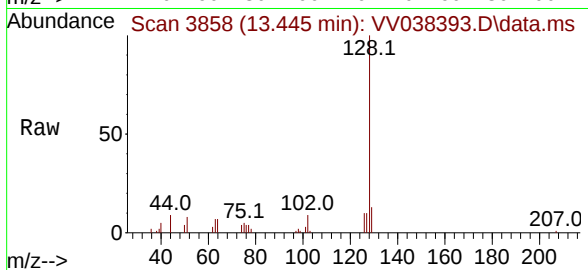
Acq: 02 Dec 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	24553
Ion Ratio	Lower	Upper	
128	100		
127	5.5	10.1	15.1#
129	9.4	8.6	12.8



#72

1,2,3-Trichlorobenzene

Concen: 2.157 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.010 min

Lab File: VV038393.D

Acq: 02 Dec 2024 17:01

Tgt Ion:	180	Resp:	9226
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.8	113.6
145	31.3	27.1	40.7

