

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038385.D
 Acq On : 02 Dec 2024 10:08
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 20:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 20:56:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	320378	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	335325	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	165157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	20443	7.637	ug/L	0.00
7) Chloroethane-d5	1.529	69	17065	7.566	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	9032	7.958	ug/L	0.00
21) 2-Butanone-d5	3.844	46	5701	4.614	ug/L	0.06
24) Chloroform-d	4.243	84	37838	7.793	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	21799	7.581	ug/L	0.02
32) Benzene-d6	4.956	84	66995	6.934	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	21558	6.889	ug/L	0.01
41) Toluene-d8	7.239	98	56321	6.445	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	8820	6.168	ug/L	0.02
47) 2-Hexanone-d5	8.046	63	7874	8.954	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.146	84	29653	7.058	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.557	152	25645	8.031	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	23049	7.834	ug/L	99
3) Chloromethane	1.214	50	23401	7.667	ug/L	93
5) Vinyl chloride	1.281	62	22992	7.385	ug/L	99
6) Bromomethane	1.487	94	14708	7.625	ug/L	99
8) Chloroethane	1.545	64	14808	7.517	ug/L	97
9) Trichlorofluoromethane	1.709	101	30696	7.476	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	18127	7.667	ug/L	94
12) 1,1-Dichloroethene	2.066	96	16603	7.374	ug/L	90
13) Acetone	2.124	43	30790	17.524	ug/L	99
14) Carbon disulfide	2.236	76	58270	7.863	ug/L	100
15) Methyl Acetate	2.381	43	16200	7.124	ug/L #	76
16) Methylene chloride	2.442	84	20843	7.672	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	17870	7.278	ug/L	99
18) Methyl tert-butyl Ether	2.696	73	48750	6.875	ug/L	99
19) 1,1-Dichloroethane	3.108	63	34240	7.604	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	17017	6.590	ug/L	95
22) 2-Butanone	3.915	43	4739	3.036	ug/L	85
23) Bromochloromethane	4.146	128	10802	7.696	ug/L	93
25) Chloroform	4.268	83	35044	7.456	ug/L	94
27) 1,2-Dichloroethane	5.047	62	22920	6.685	ug/L	96
29) Cyclohexane	4.567	56	21095	5.856	ug/L	97
30) 1,1,1-Trichloroethane	4.503	97	29918	7.060	ug/L	96
31) Carbon tetrachloride	4.722	117	25865	6.946	ug/L	99
33) Benzene	5.005	78	67572	6.676	ug/L	100
34) Trichloroethene	5.831	95	18432	6.817	ug/L	97
35) Methylcyclohexane	6.040	83	24086	6.203	ug/L	97
37) 1,2-Dichloropropane	6.091	63	19496	7.408	ug/L	97
38) Bromodichloromethane	6.429	83	26195	7.172	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	22295	5.459	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	30806	11.008	ug/L #	91
42) Toluene	7.313	91	62925	5.984	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	22909	5.912	ug/L	99

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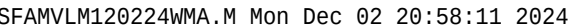
Quant Time: Dec 02 20:58:01 2024
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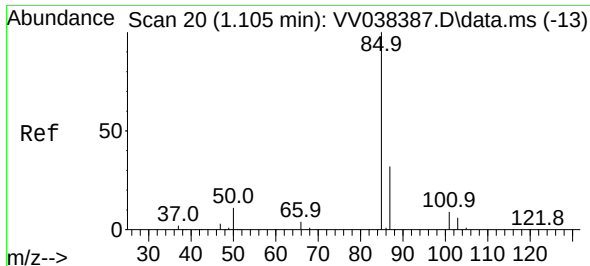
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.763	97	19388	7.100	ug/L	94
46) Tetrachloroethene	7.902	164	14356	6.877	ug/L	97
48) 2-Hexanone	8.088	43	21677	9.405	ug/L #	89
49) Dibromochloromethane	8.169	129	18974	6.737	ug/L	99
50) 1,2-Dibromoethane	8.281	107	18497	6.428	ug/L #	92
51) Chlorobenzene	8.808	112	51311	7.102	ug/L	98
52) Ethylbenzene	8.940	91	70339	6.237	ug/L	97
53) m,p-Xylene	9.072	106	24073	5.631	ug/L	96
54) o-Xylene	9.471	106	24595	5.980	ug/L	87
55) Styrene	9.496	104	39458	5.465	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	29622	6.984	ug/L	98
59) Bromoform	9.660	173	12054	6.789	ug/L #	93
60) Isopropylbenzene	9.860	105	63717	6.309	ug/L	97
61) 1,2,3-Trichloropropane	10.204	75	20871	7.259	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	46595	5.750	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	44761	5.619	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	36588	7.058	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	40882	7.418	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	37349	7.067	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.365	75	5708	7.532	ug/L	89
69) 1,3,5-Trichlorobenzene	12.577	180	26614	7.527	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	22303	7.487	ug/L	99
71) Naphthalene	13.435	128	68326	8.674	ug/L	97
72) 1,2,3-Trichlorobenzene	13.673	180	23220	7.945	ug/L	99

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

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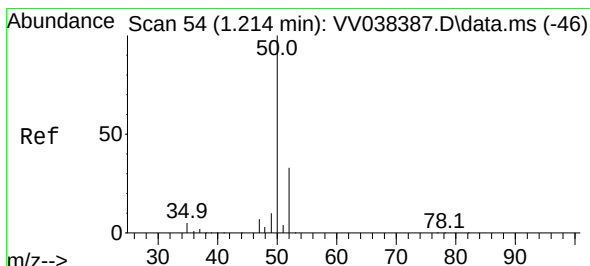
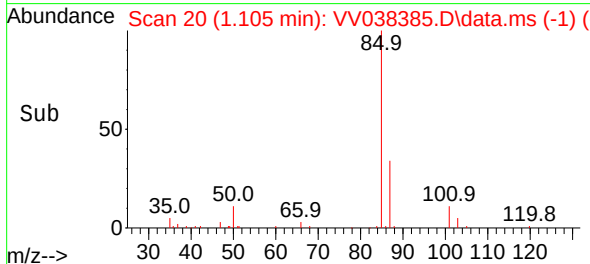
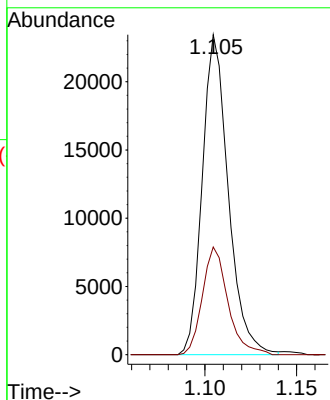
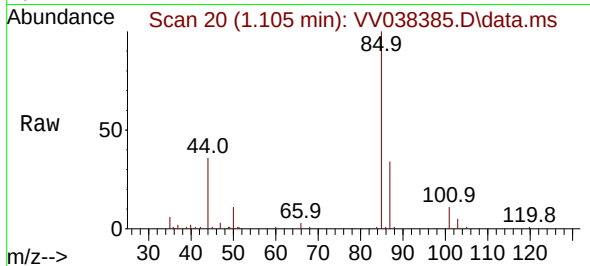




#2
Dichlorodifluoromethane
Concen: 7.834 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

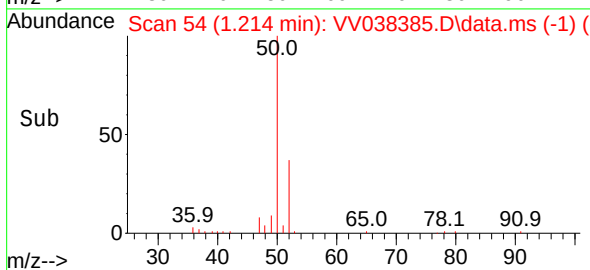
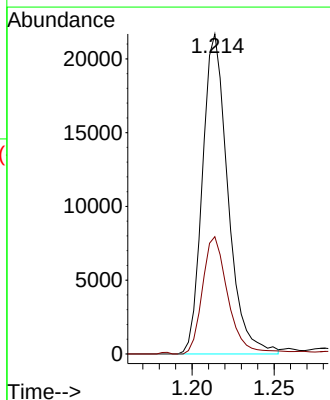
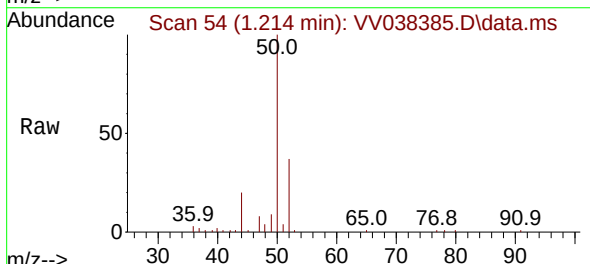
Instrument :
MSVOA_V
ClientSampleId :

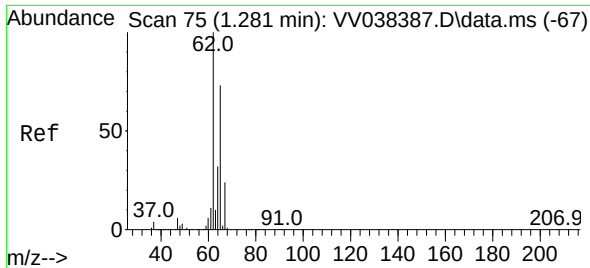
Tgt Ion: 85 Resp: 23049
Ion Ratio Lower Upper
85 100
87 33.0 25.8 38.6



#3
Chloromethane
Concen: 7.667 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion: 50 Resp: 23401
Ion Ratio Lower Upper
50 100
52 36.7 22.7 42.3

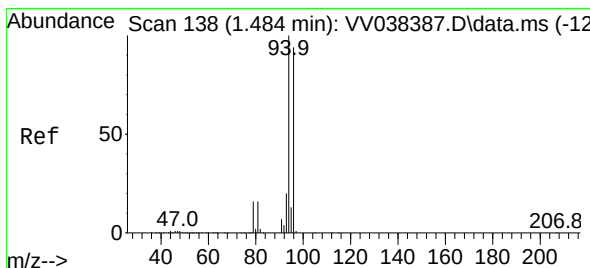
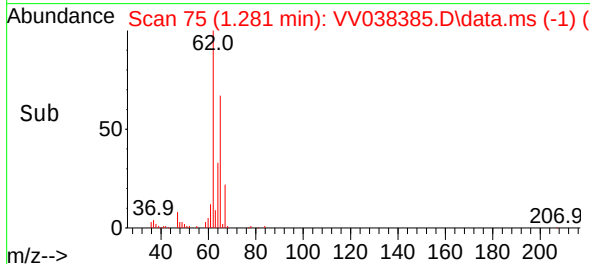
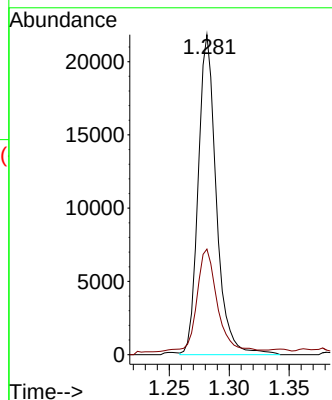
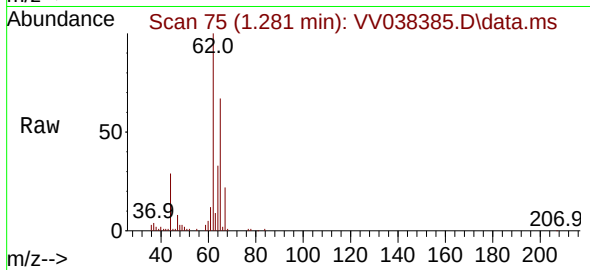




#5
 Vinyl chloride
 Concen: 7.385 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038385.D
 Acq: 02 Dec 2024 10:08

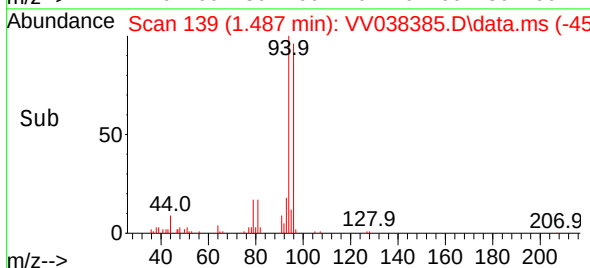
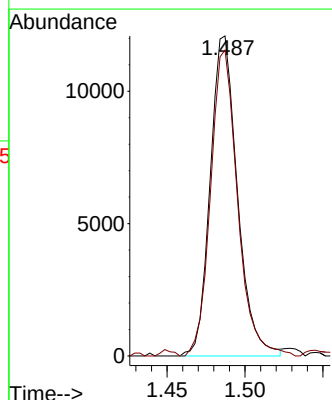
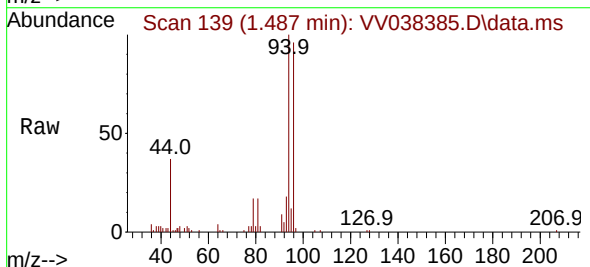
Instrument :
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 ClientSampleId :

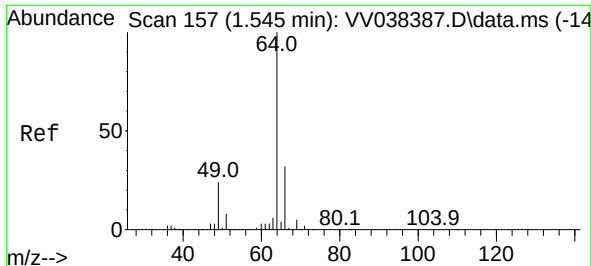
Tgt Ion: 62 Resp: 22992
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#6
 Bromomethane
 Concen: 7.625 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038385.D
 Acq: 02 Dec 2024 10:08

Tgt Ion: 94 Resp: 14708
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.1 122.8

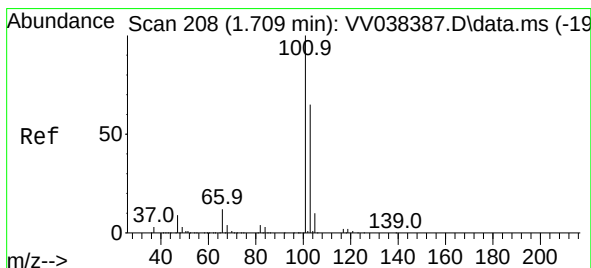
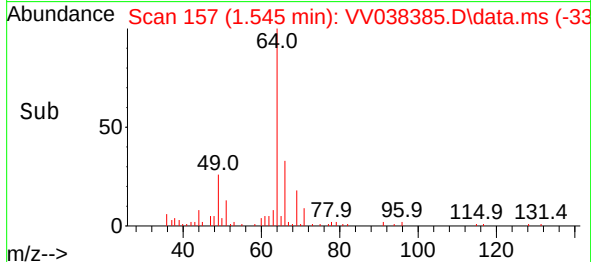
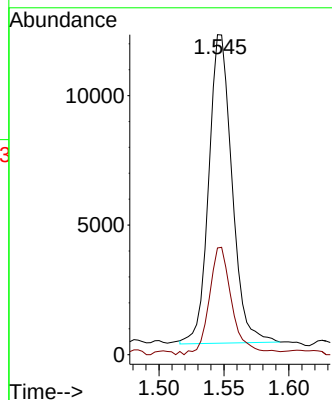
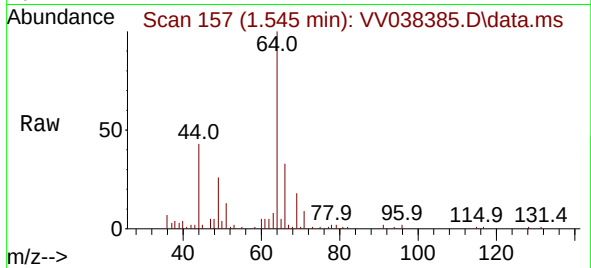




#8
Chloroethane
Concen: 7.517 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

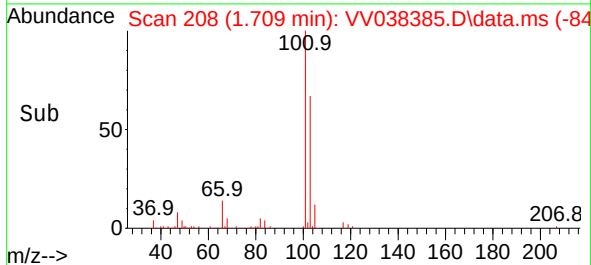
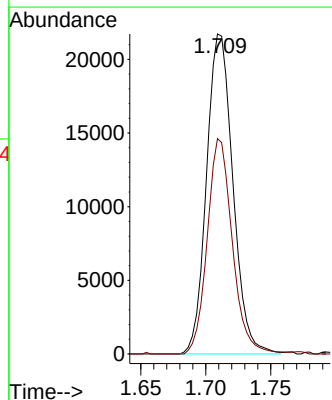
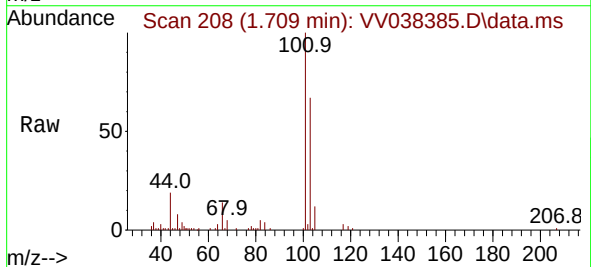
Instrument :
MSVOA_V
ClientSampleId :

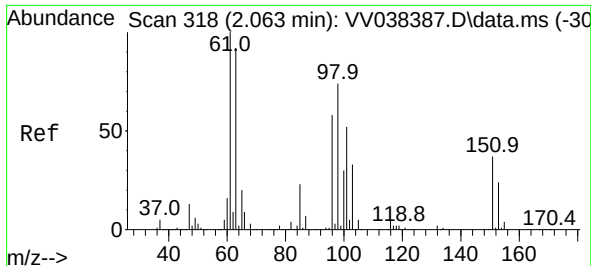
Tgt Ion: 64 Resp: 14808
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 7.476 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion:101 Resp: 30696
Ion Ratio Lower Upper
101 100
103 64.0 51.7 77.5





#10

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

Concen: 7.667 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

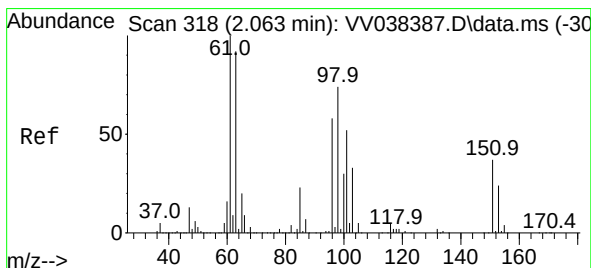
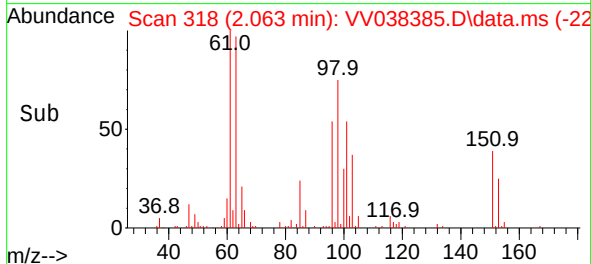
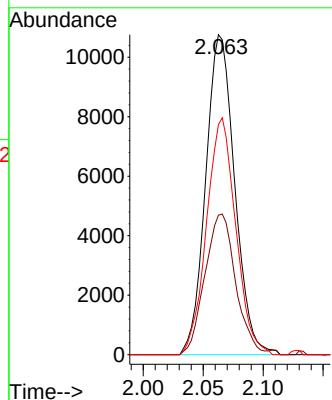
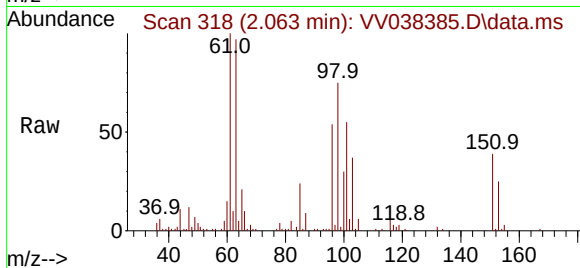
Tgt Ion:101 Resp: 18127

Ion Ratio Lower Upper

101 100

85 46.4 34.7 52.1

151 74.4 55.3 82.9



#12

1,1-Dichloroethene

Concen: 7.374 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

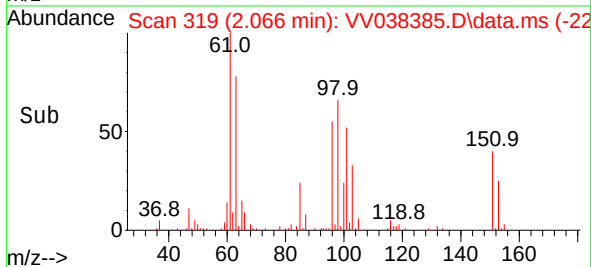
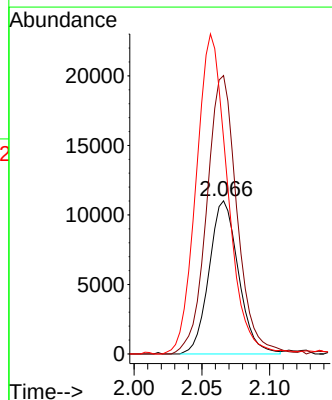
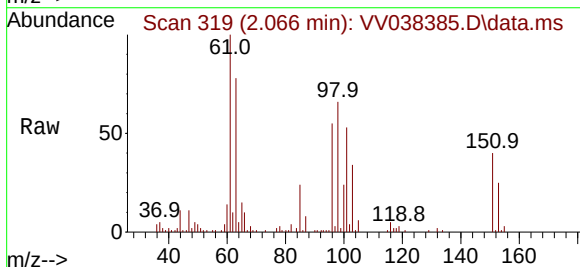
Tgt Ion: 96 Resp: 16603

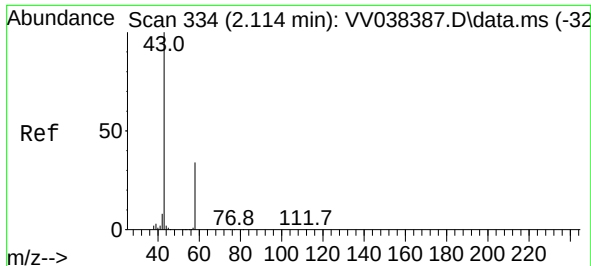
Ion Ratio Lower Upper

96 100

61 181.9 120.9 224.5

63 141.0 110.9 205.9





#13

Acetone

Concen: 17.524 ug/L

RT: 2.124 min Scan# 30

Delta R.T. 0.010 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

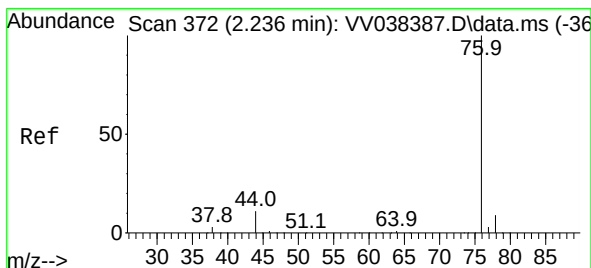
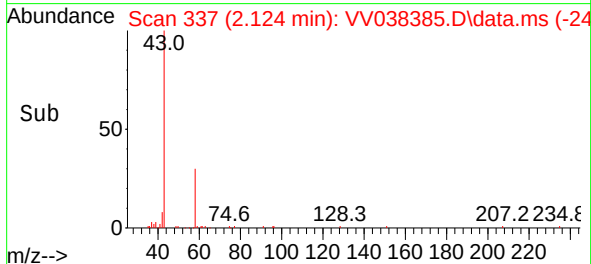
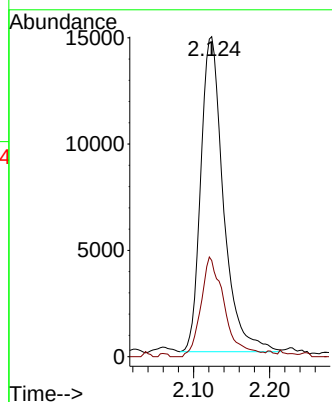
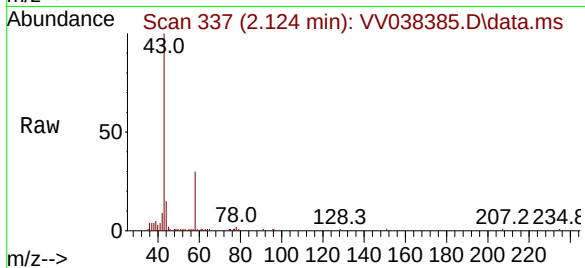
ClientSampleId :

Tgt Ion: 43 Resp: 30790

Ion Ratio Lower Upper

43 100

58 32.9 0.0 67.2



#14

Carbon disulfide

Concen: 7.863 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038385.D

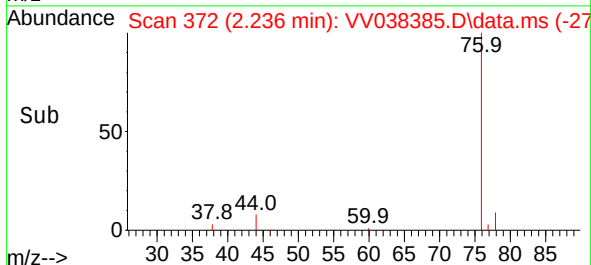
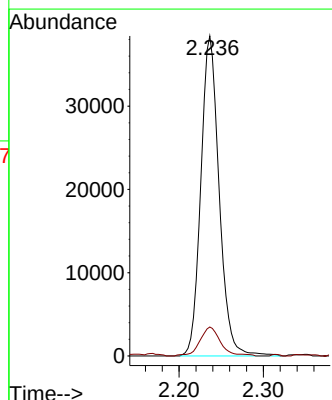
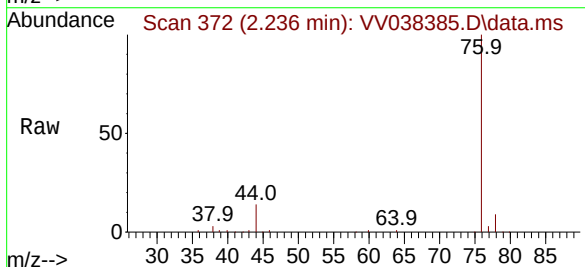
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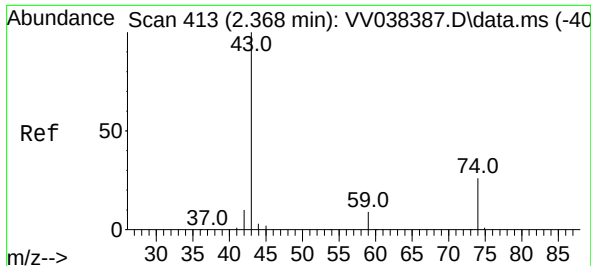
Tgt Ion: 76 Resp: 58270

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 7.124 ug/L

RT: 2.381 min Scan# 413

Delta R.T. 0.013 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

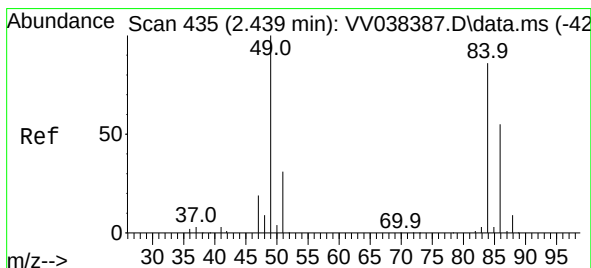
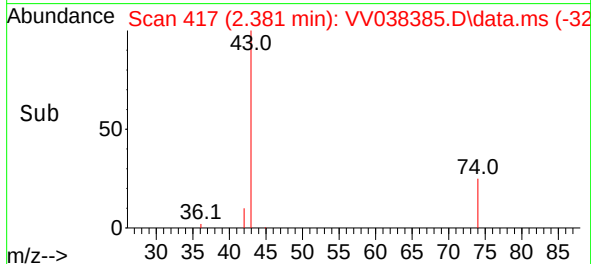
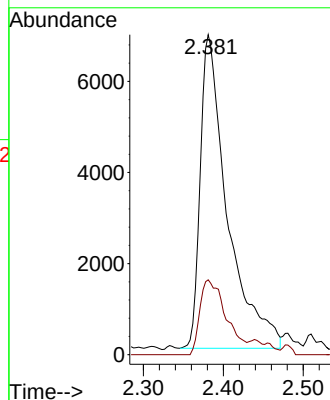
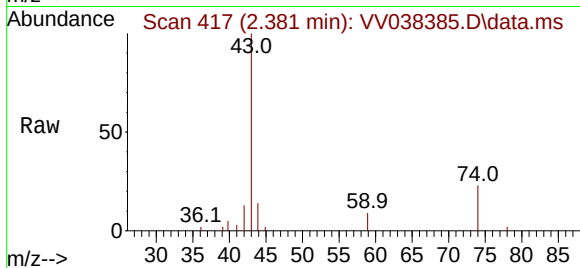
ClientSampleId :

Tgt Ion: 43 Resp: 16200

Ion Ratio Lower Upper

43 100

74 13.6 20.6 31.0#



#16

Methylene chloride

Concen: 7.672 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

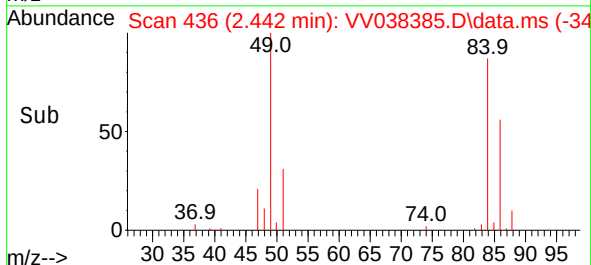
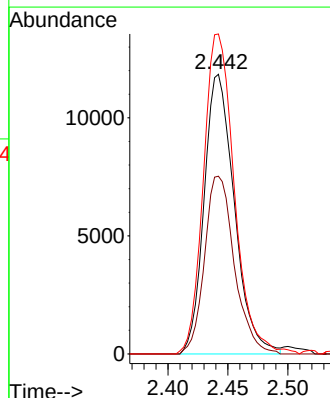
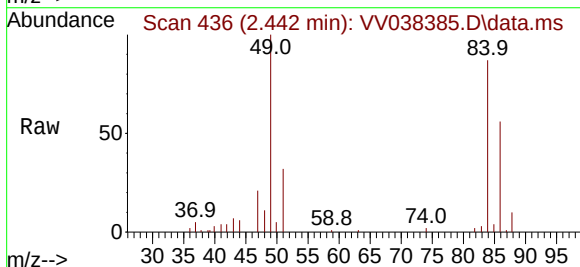
Tgt Ion: 84 Resp: 20843

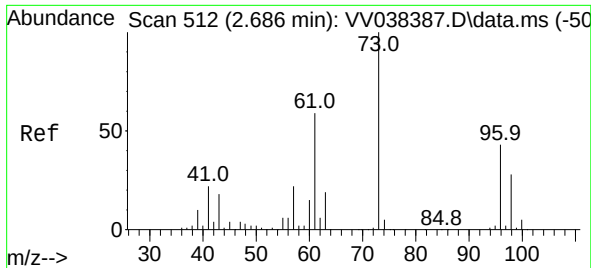
Ion Ratio Lower Upper

84 100

86 63.5 44.5 82.7

49 114.4 81.7 151.7

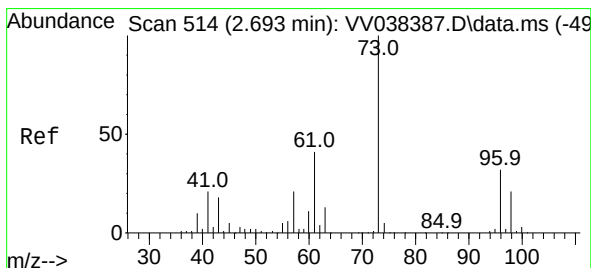
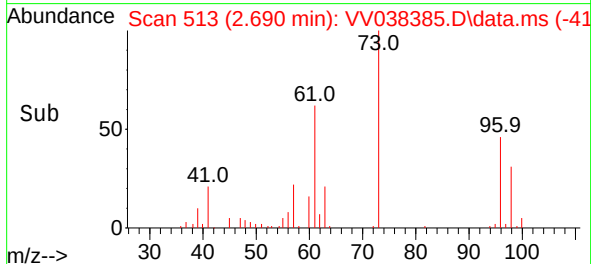
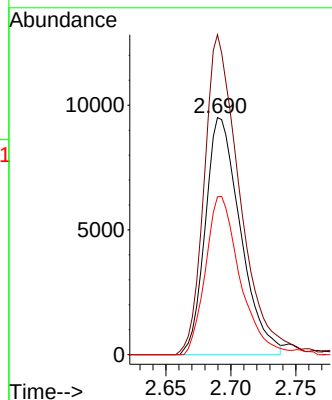
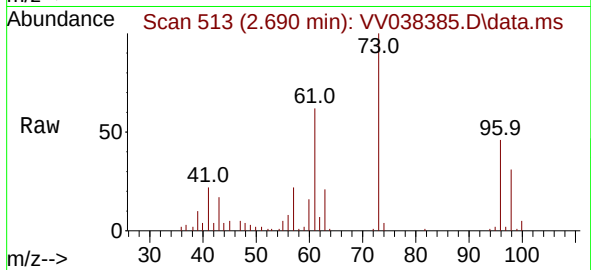




#17
trans-1,2-Dichloroethene
Concen: 7.278 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

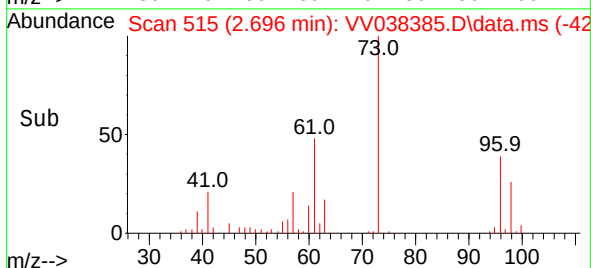
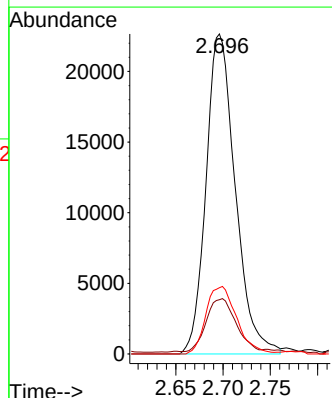
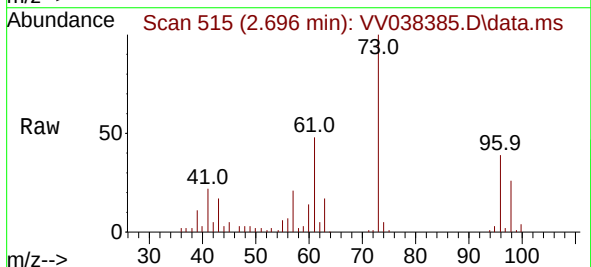
Instrument :
MSVOA_V
ClientSampleId :

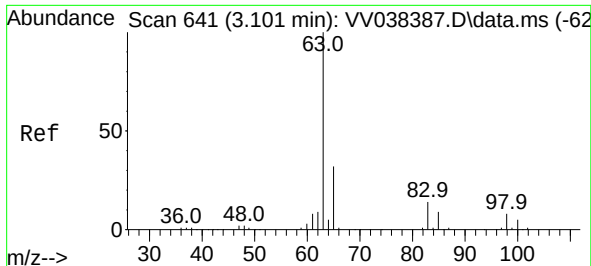
Tgt Ion: 96 Resp: 17870
Ion Ratio Lower Upper
96 100
61 134.9 95.7 177.7
98 66.6 46.4 86.2



#18
Methyl tert-butyl Ether
Concen: 6.875 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion: 73 Resp: 48750
Ion Ratio Lower Upper
73 100
43 17.1 14.7 22.1
57 22.2 17.7 26.5

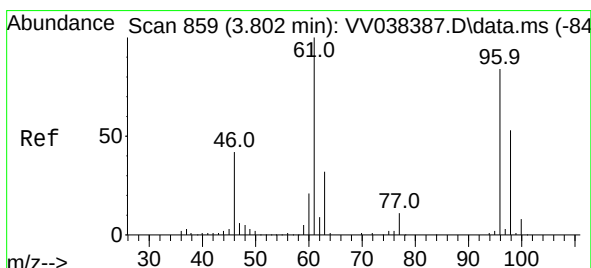
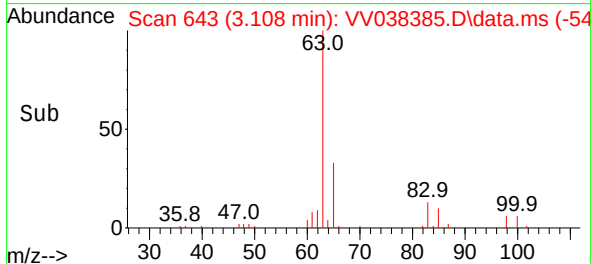
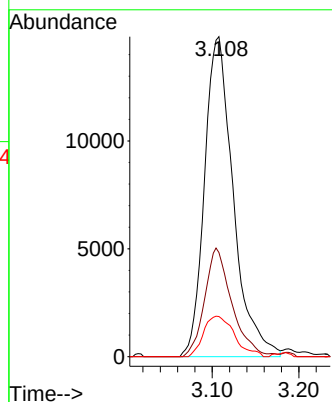
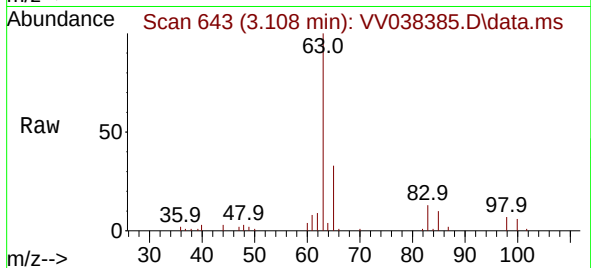




#19
1,1-Dichloroethane
Concen: 7.604 ug/L
RT: 3.108 min Scan# 641
Delta R.T. 0.006 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

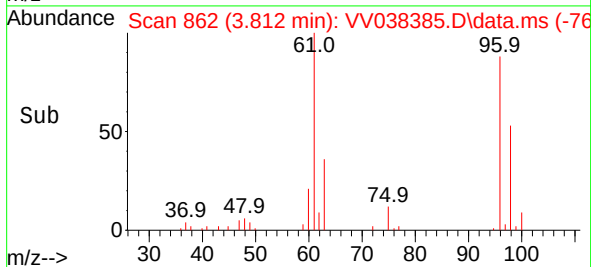
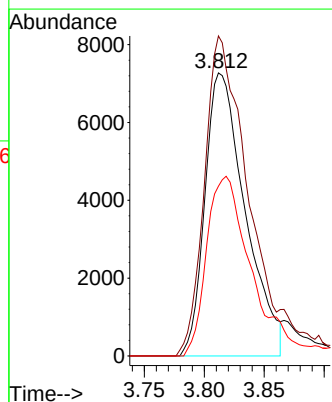
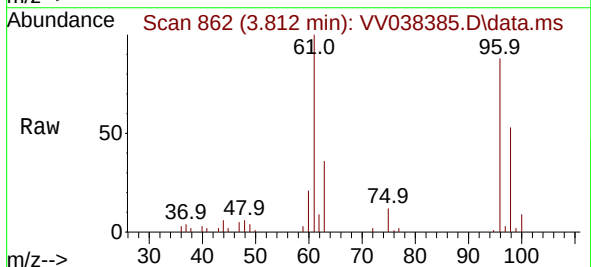
Instrument :
MSVOA_V
ClientSampleId :

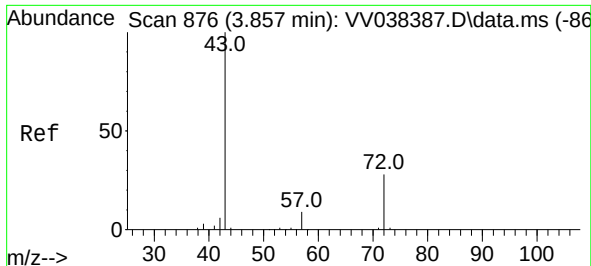
Tgt Ion: 63 Resp: 34240
Ion Ratio Lower Upper
63 100
65 32.5 22.6 42.0
83 12.6 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 6.590 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.010 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion: 96 Resp: 17017
Ion Ratio Lower Upper
96 100
61 113.0 83.5 155.1
98 60.0 44.6 82.8

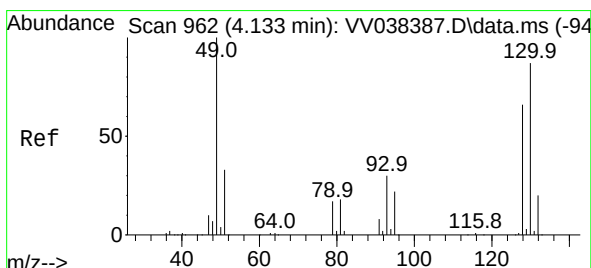
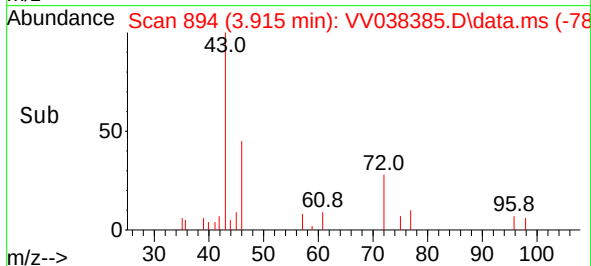
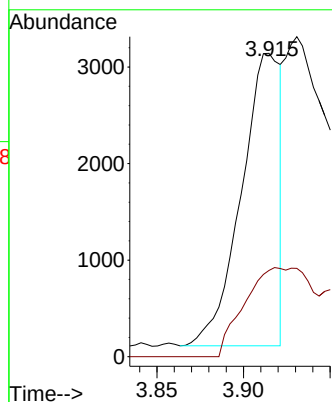
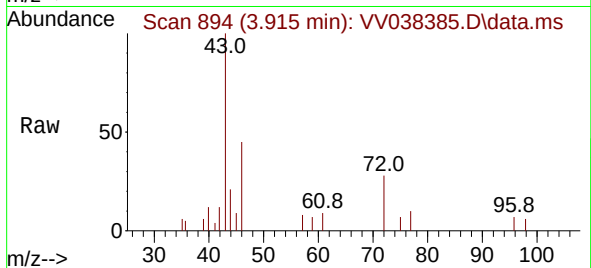




#22
2-Butanone
Concen: 3.036 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.058 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

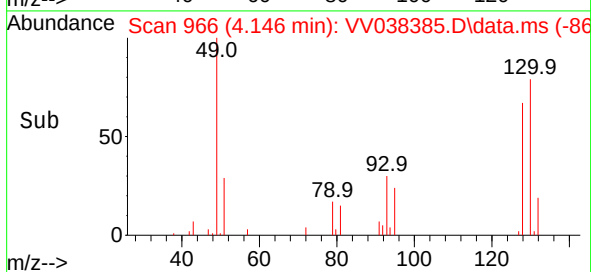
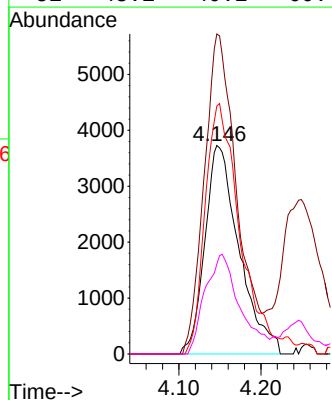
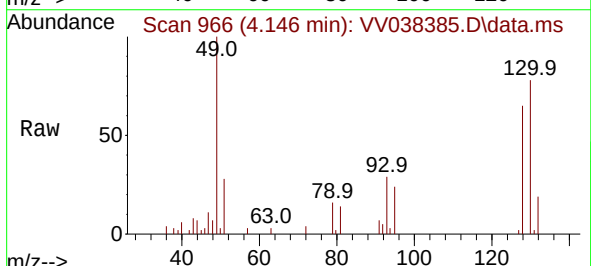
Instrument :
MSVOA_V
ClientSampleId :

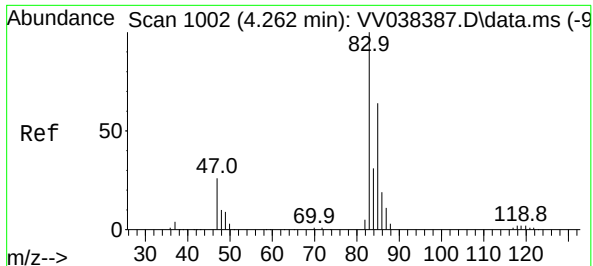
Tgt Ion: 43 Resp: 4739
Ion Ratio Lower Upper
43 100
72 32.5 12.5 37.5



#23
Bromochloromethane
Concen: 7.696 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.013 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion:128 Resp: 10802
Ion Ratio Lower Upper
128 100
49 153.5 106.7 198.3
130 119.0 93.2 173.2
51 43.1 40.2 60.4





#25

Chloroform

Concen: 7.456 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

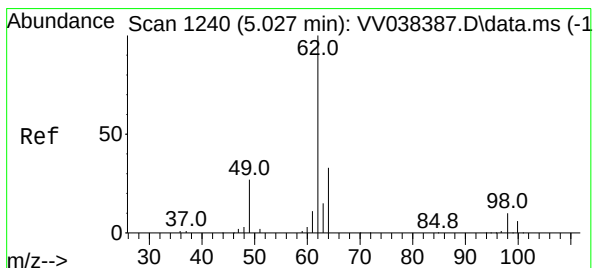
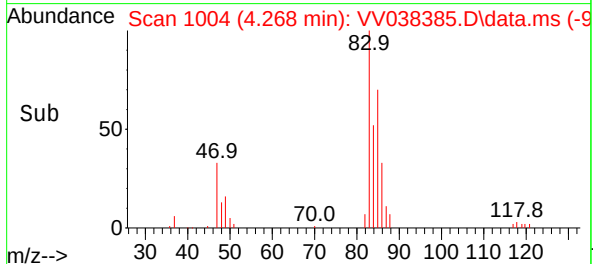
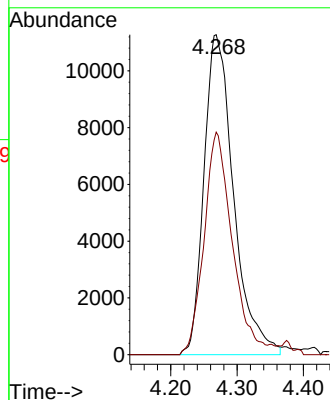
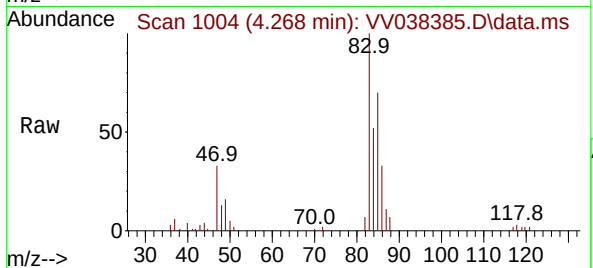
ClientSampleId :

Tgt Ion: 83 Resp: 35044

Ion Ratio Lower Upper

83 100

85 69.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 6.685 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.019 min

Lab File: VV038385.D

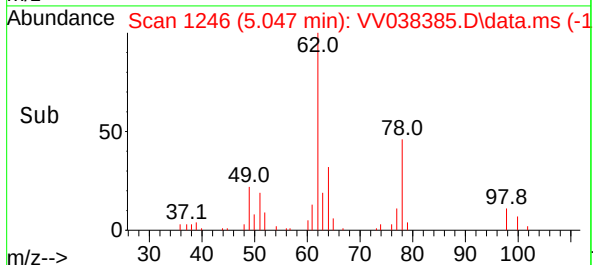
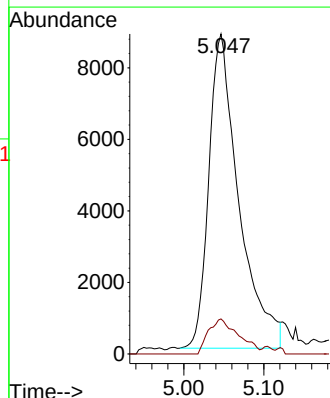
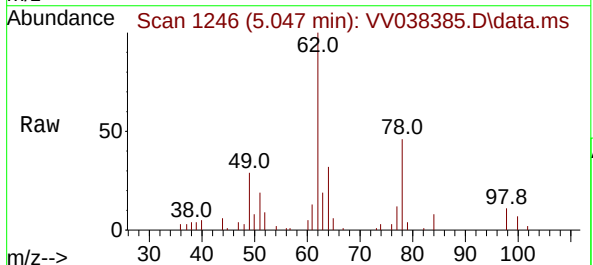
Acq: 02 Dec 2024 10:08

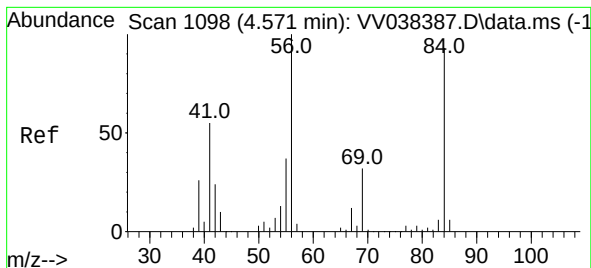
Tgt Ion: 62 Resp: 22920

Ion Ratio Lower Upper

62 100

98 10.9 7.5 11.3





#29

Cyclohexane

Concen: 5.856 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV038385.D

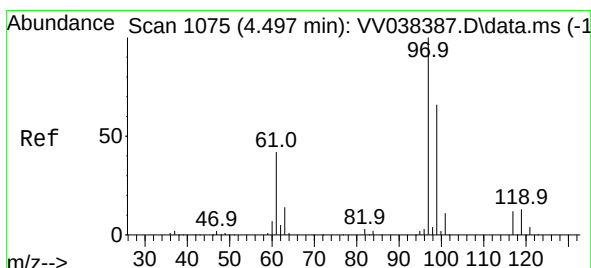
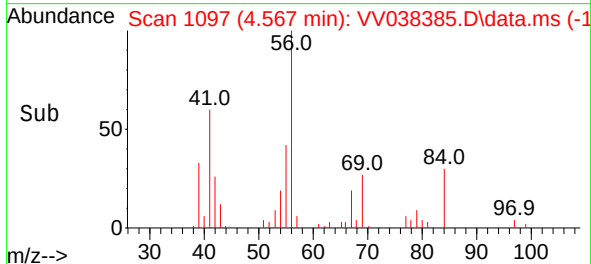
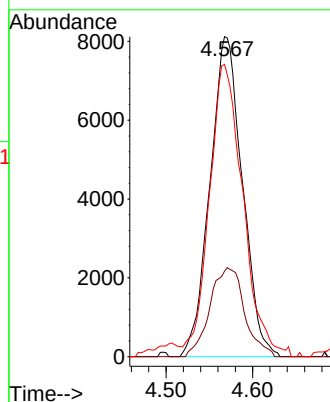
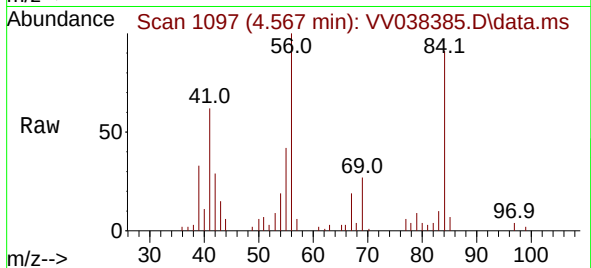
Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 56	Resp: 21095
Ion Ratio	Lower Upper
56	100
69	29.7 24.8 37.2
84	94.5 73.7 110.5



#30

1,1,1-Trichloroethane

Concen: 7.060 ug/L

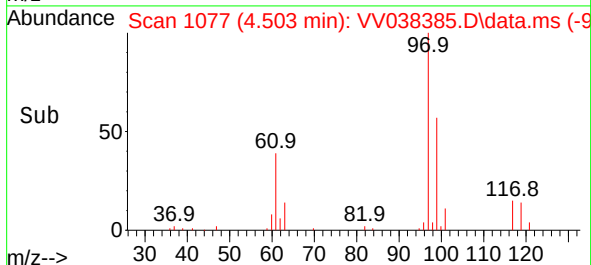
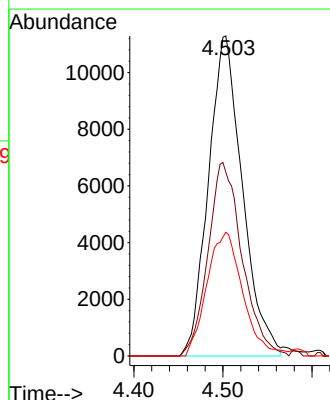
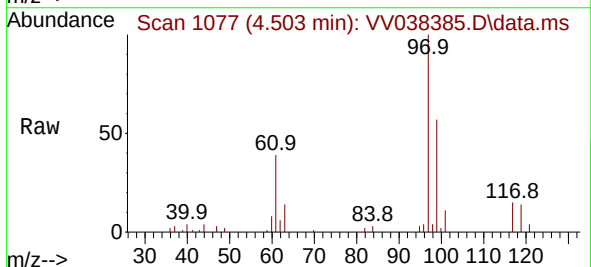
RT: 4.503 min Scan# 1077

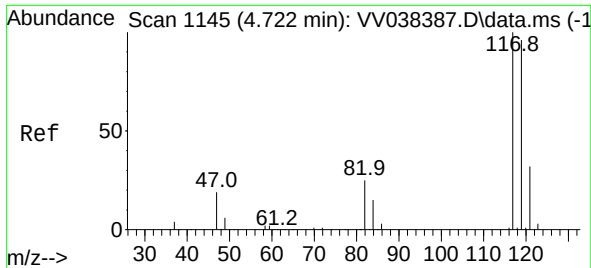
Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

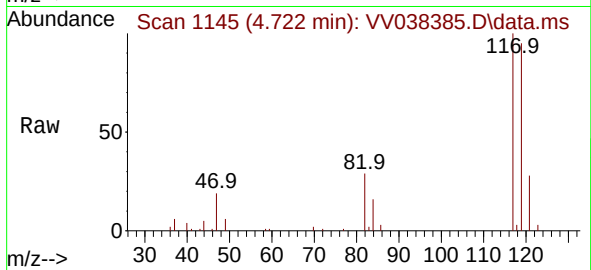
Tgt Ion: 97	Resp: 29918
Ion Ratio	Lower Upper
97	100
99	60.7 52.3 78.5
61	40.8 33.6 50.4



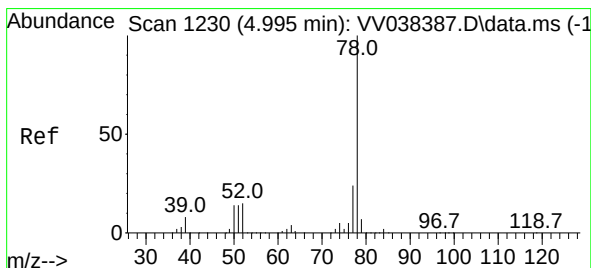
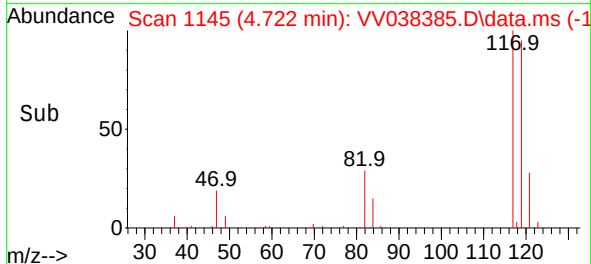
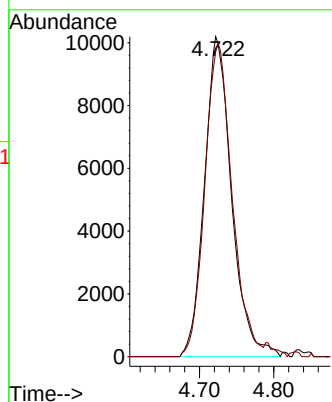


#31
Carbon tetrachloride
Concen: 6.946 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Instrument :
MSVOA_V
ClientSampleId :

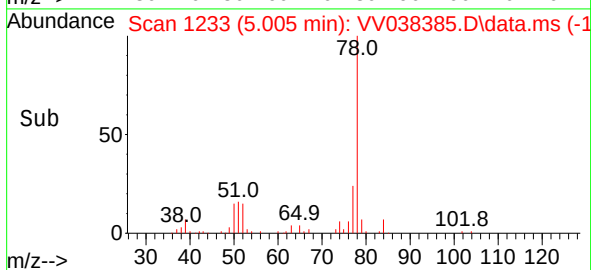
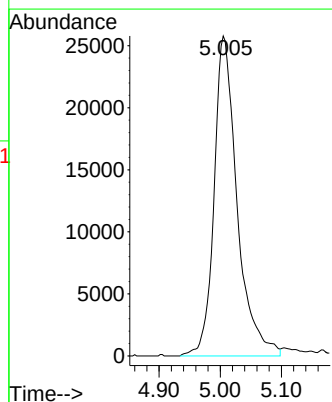
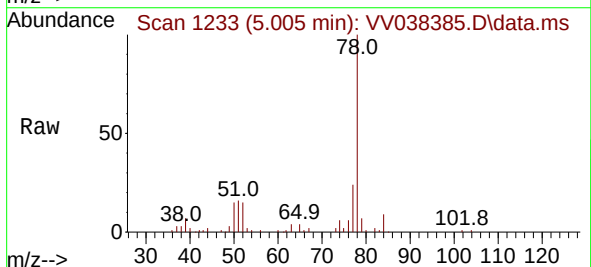


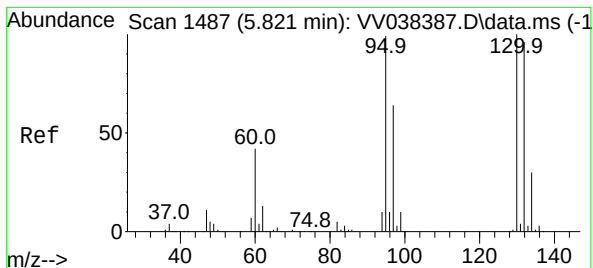
Tgt Ion:117 Resp: 25865
Ion Ratio Lower Upper
117 100
119 98.4 77.7 116.5



#33
Benzene
Concen: 6.676 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.010 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion: 78 Resp: 67572





#34

Trichloroethene

Concen: 6.817 ug/L

RT: 5.831 min Scan# 1487

Delta R.T. 0.010 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 18432

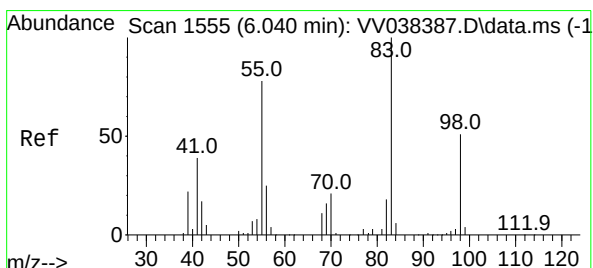
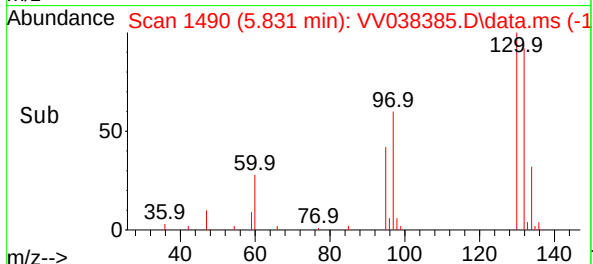
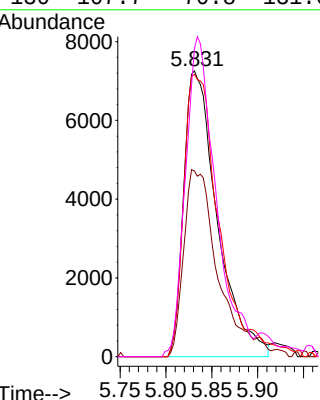
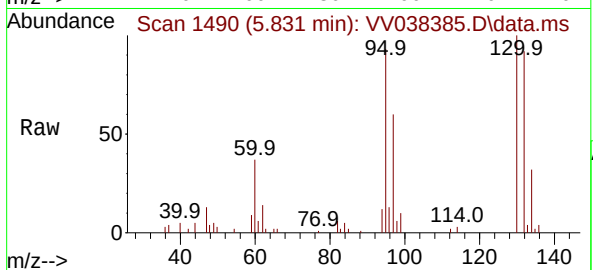
Ion Ratio Lower Upper

95 100

97 64.9 45.6 84.8

132 98.8 67.6 125.6

130 107.7 70.8 131.6



#35

Methylcyclohexane

Concen: 6.203 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

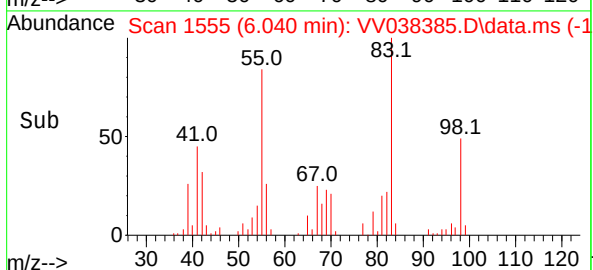
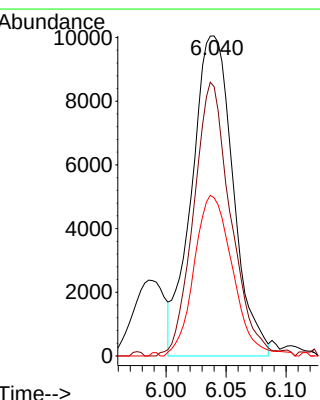
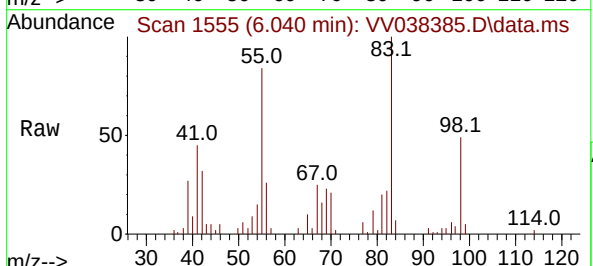
Tgt Ion: 83 Resp: 24086

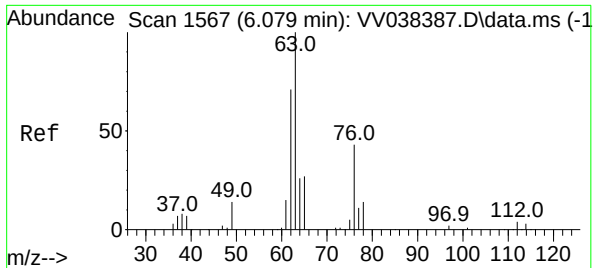
Ion Ratio Lower Upper

83 100

55 76.3 59.0 88.6

98 46.8 39.5 59.3

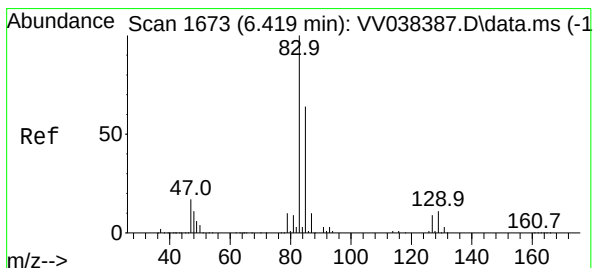
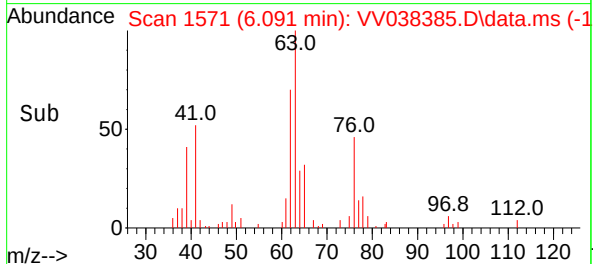
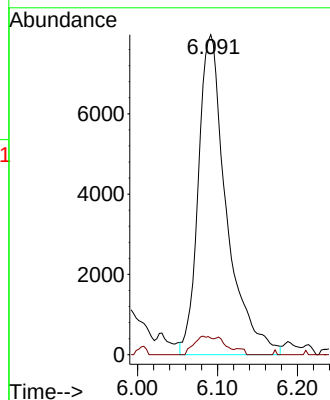
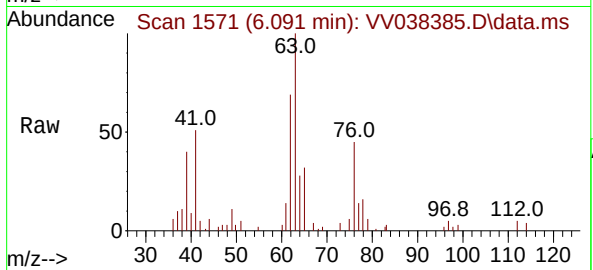




#37
1,2-Dichloropropane
Concen: 7.408 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. 0.013 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

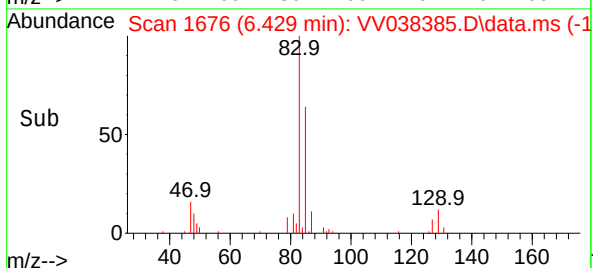
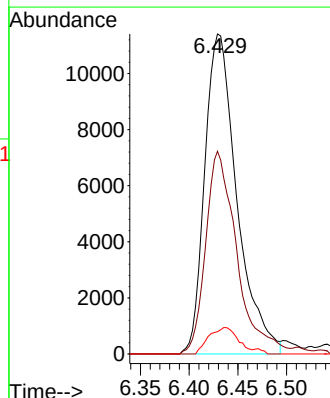
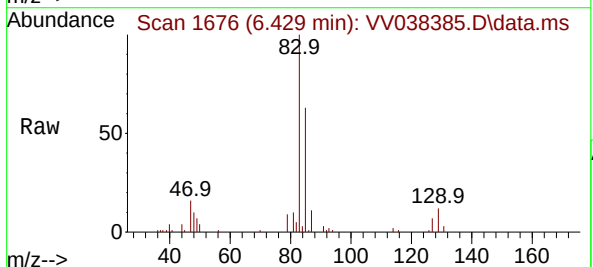
Instrument :
MSVOA_V
ClientSampleId :

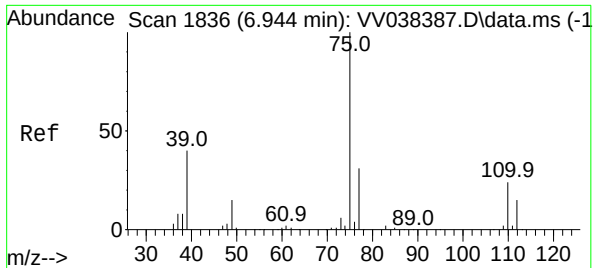
Tgt Ion: 63 Resp: 19496
Ion Ratio Lower Upper
63 100
112 3.8 3.8 5.6



#38
Bromodichloromethane
Concen: 7.172 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.010 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion: 83 Resp: 26195
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.5
127 6.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.459 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

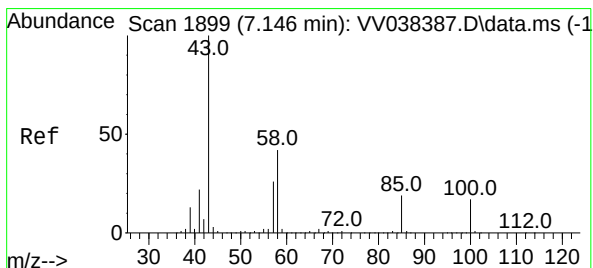
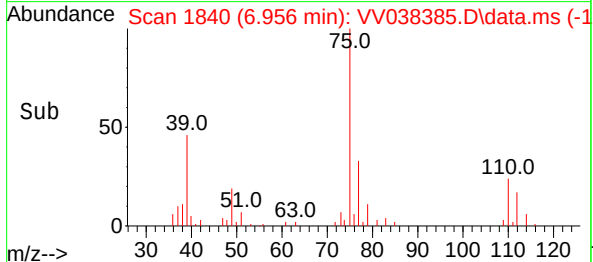
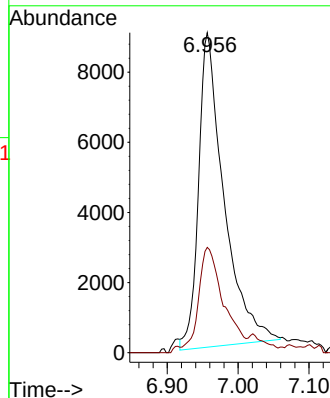
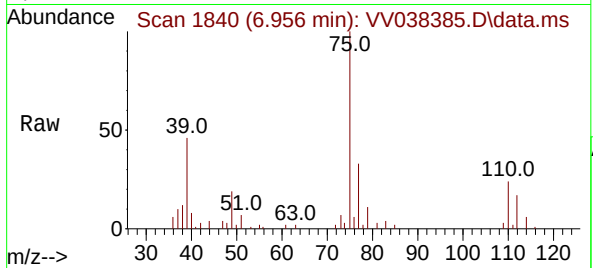
ClientSampleId :

Tgt Ion: 75 Resp: 22295

Ion Ratio Lower Upper

75 100

77 32.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 11.008 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.016 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

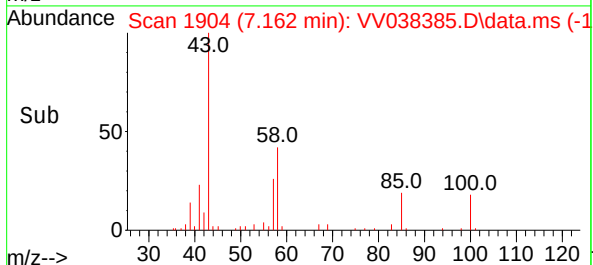
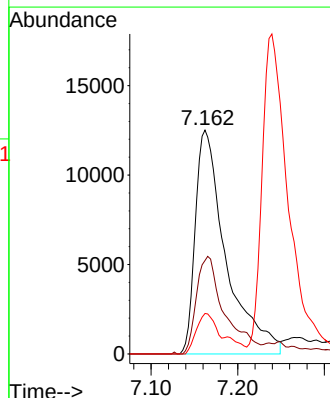
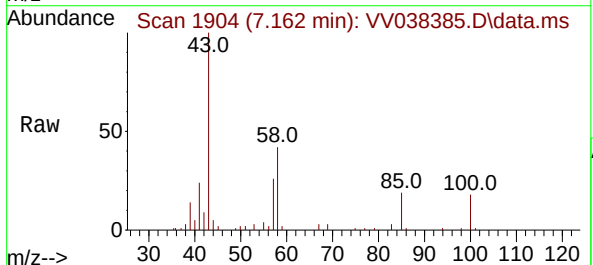
Tgt Ion: 43 Resp: 30806

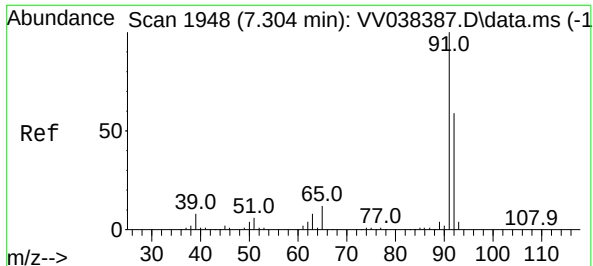
Ion Ratio Lower Upper

43 100

58 36.4 32.7 49.1

100 11.7 13.7 20.5#





#42

Toluene

Concen: 5.984 ug/L

RT: 7.313 min Scan# 1948

Delta R.T. 0.010 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

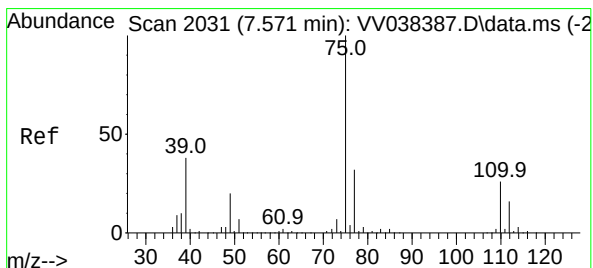
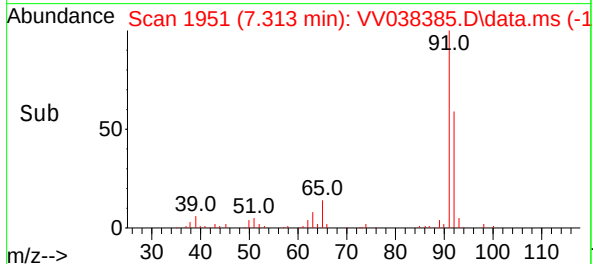
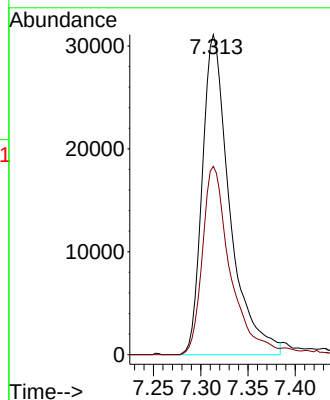
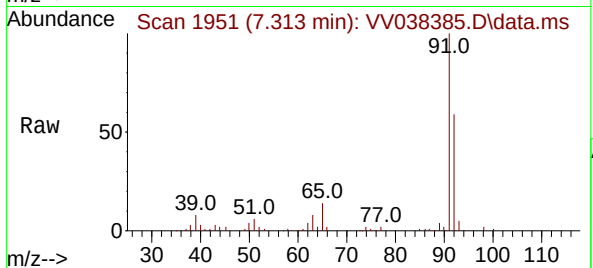
ClientSampleId :

Tgt Ion: 91 Resp: 62925

Ion Ratio Lower Upper

91 100

92 58.9 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.912 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.016 min

Lab File: VV038385.D

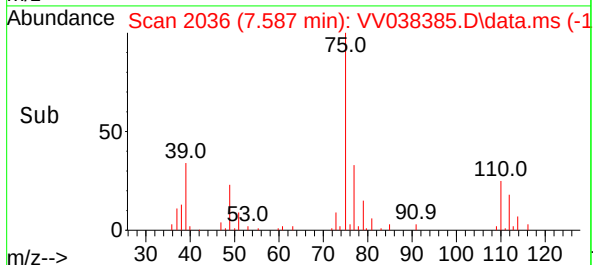
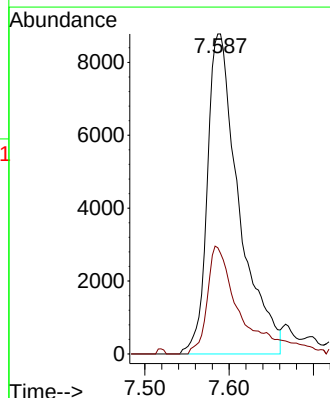
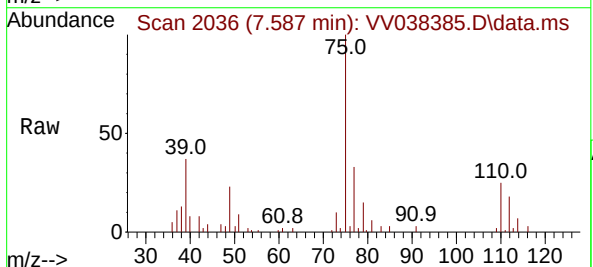
Acq: 02 Dec 2024 10:08

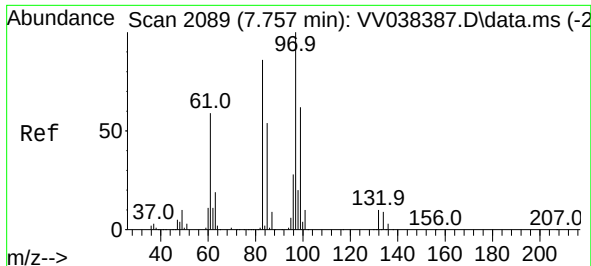
Tgt Ion: 75 Resp: 22909

Ion Ratio Lower Upper

75 100

77 33.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 7.100 ug/L

RT: 7.763 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 19388

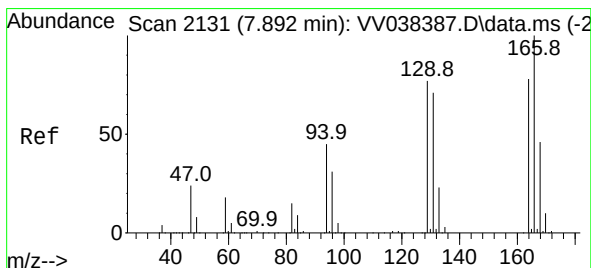
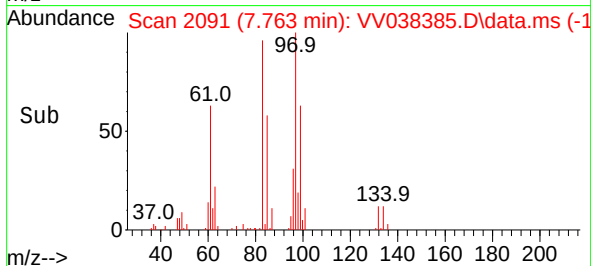
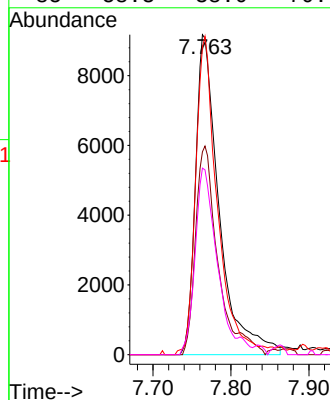
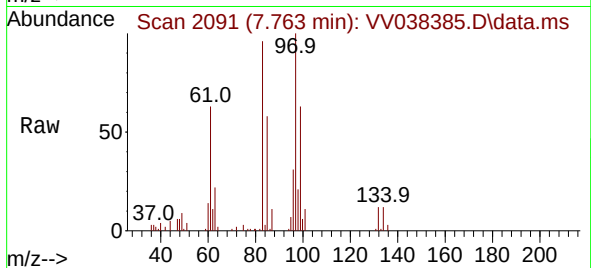
Ion Ratio Lower Upper

97 100

99 63.4 43.6 81.0

83 96.1 60.5 112.5

85 58.3 38.0 70.6



#46

Tetrachloroethene

Concen: 6.877 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.010 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Tgt Ion: 164 Resp: 14356

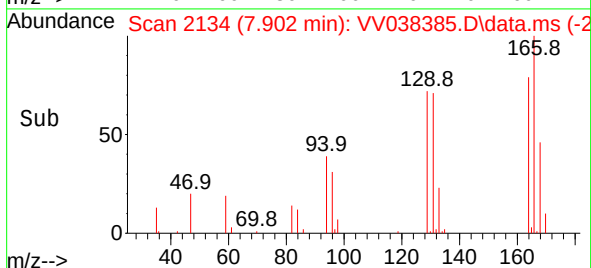
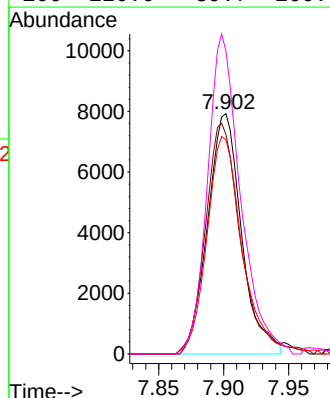
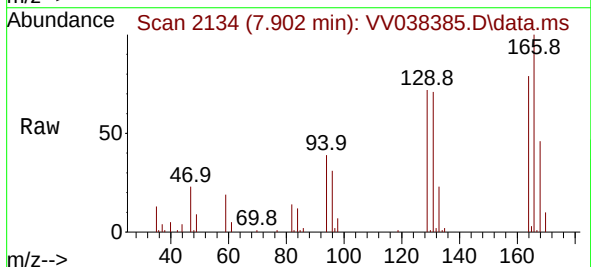
Ion Ratio Lower Upper

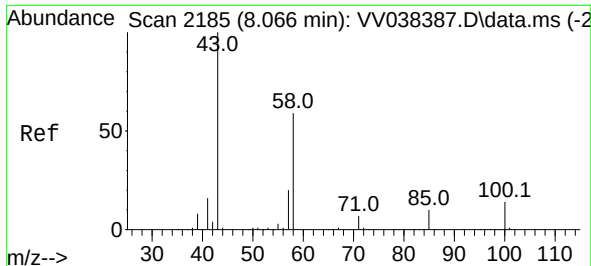
164 100

129 91.3 69.2 128.4

131 89.1 63.1 117.3

166 126.0 89.7 166.5



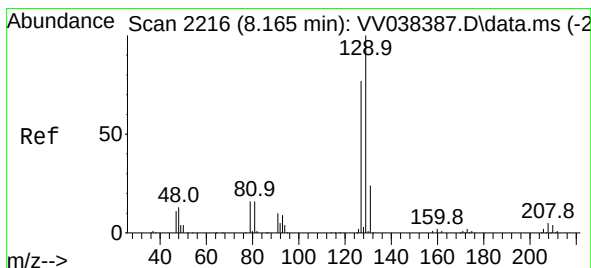
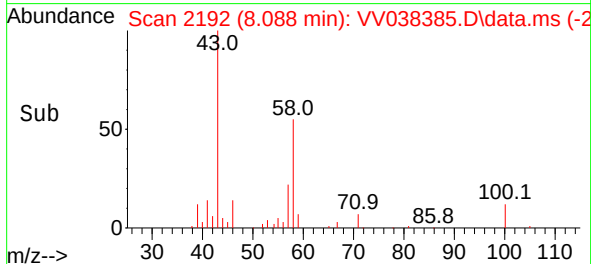
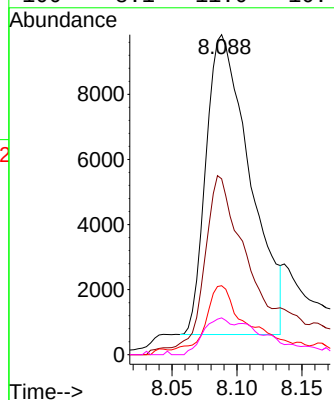
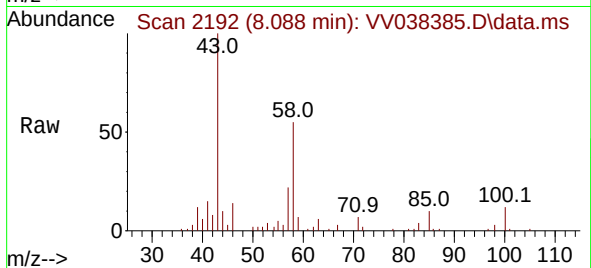


#48
2-Hexanone
Concen: 9.405 ug/L
RT: 8.088 min Scan# 2185
Delta R.T. 0.023 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 21677

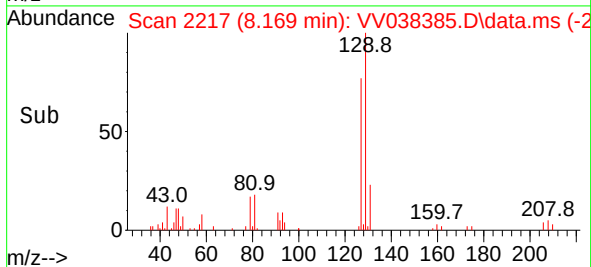
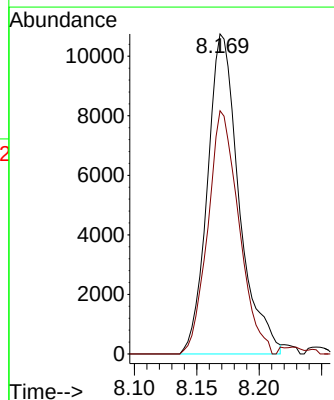
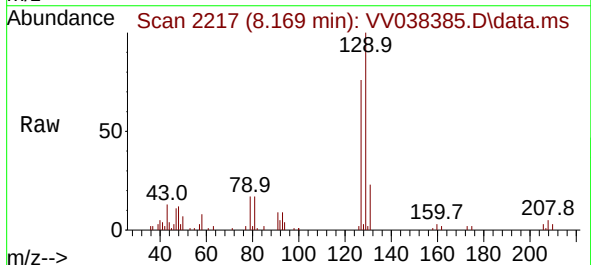
Ion	Ratio	Lower	Upper
43	100		
58	51.3	48.0	72.0
57	15.6	15.5	23.3
100	8.1	11.0	16.4

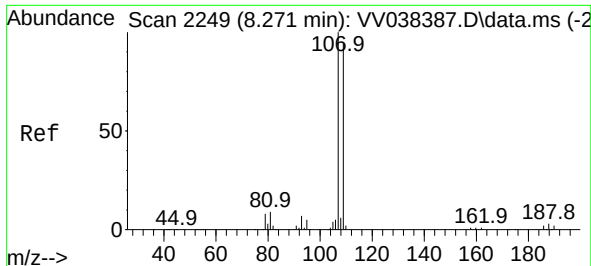


#49
Dibromochloromethane
Concen: 6.737 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion: 129 Resp: 18974

Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.8	100.0

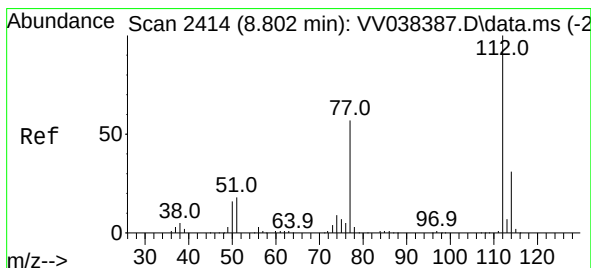
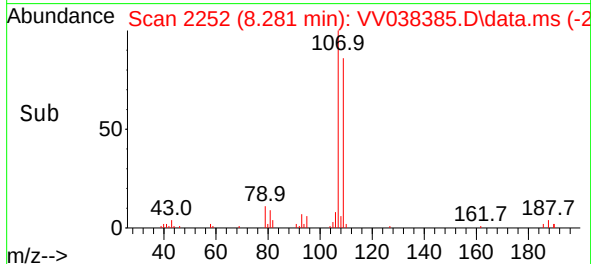
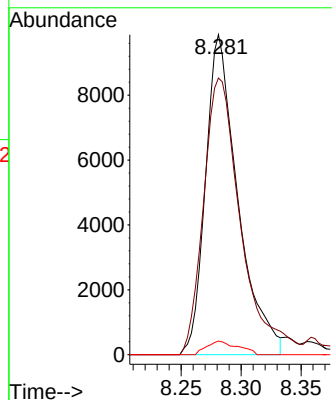
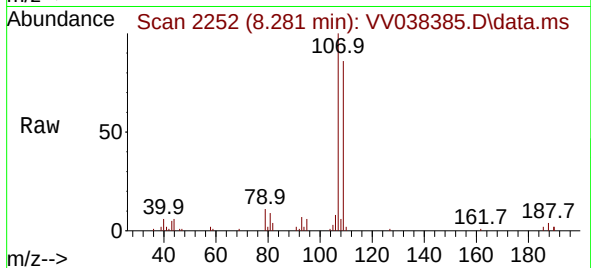




#50
1,2-Dibromoethane
Concen: 6.428 ug/L
RT: 8.281 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

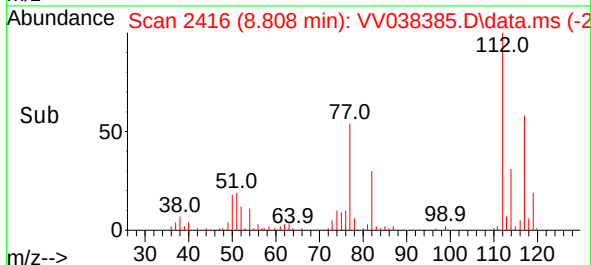
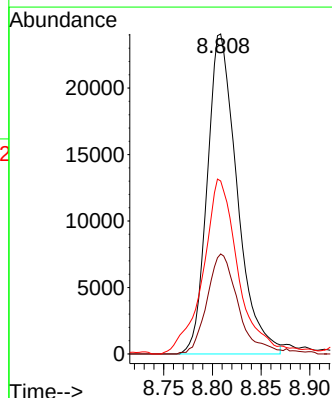
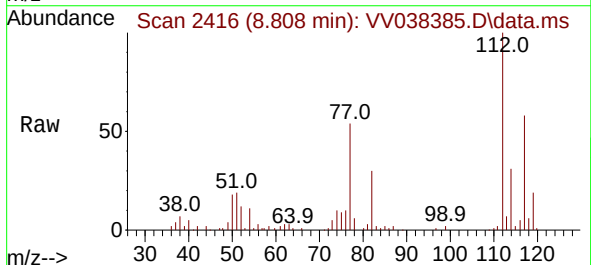
Instrument :
MSVOA_V
ClientSampleId :

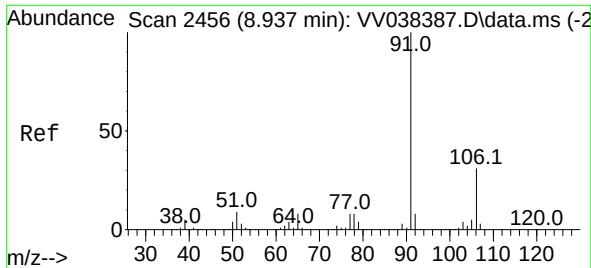
Tgt Ion:107 Resp: 18497
Ion Ratio Lower Upper
107 100
109 86.4 66.1 122.7
188 4.2 2.6 3.8#



#51
Chlorobenzene
Concen: 7.102 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV038385.D
Acq: 02 Dec 2024 10:08

Tgt Ion:112 Resp: 51311
Ion Ratio Lower Upper
112 100
114 31.2 21.9 40.7
77 54.0 45.4 68.0





#52

Ethylbenzene

Concen: 6.237 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

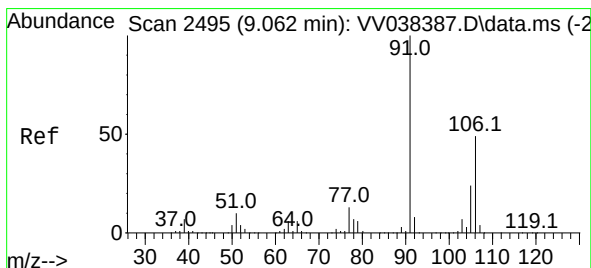
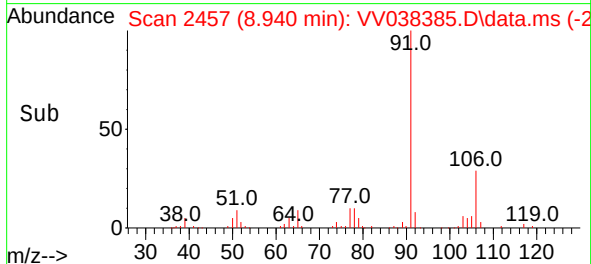
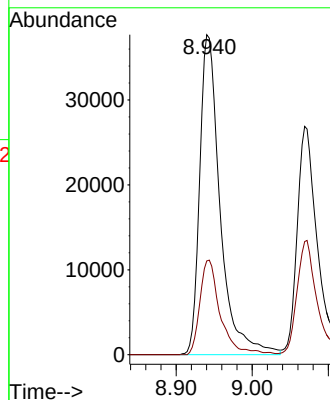
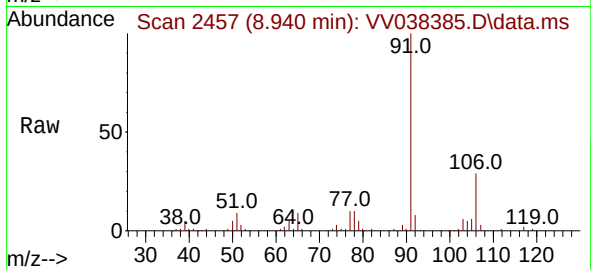
ClientSampleId :

Tgt Ion: 91 Resp: 70339

Ion Ratio Lower Upper

91 100

106 29.3 21.6 40.0



#53

m,p-Xylene

Concen: 5.631 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.010 min

Lab File: VV038385.D

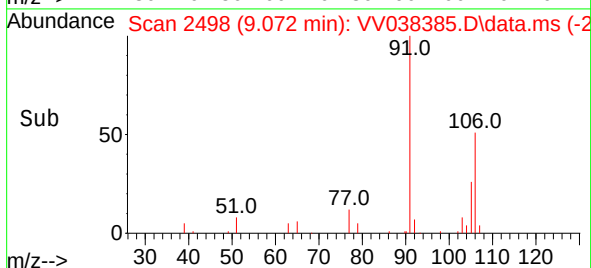
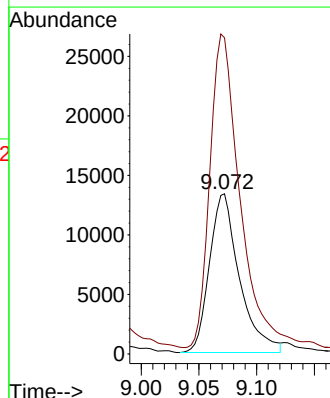
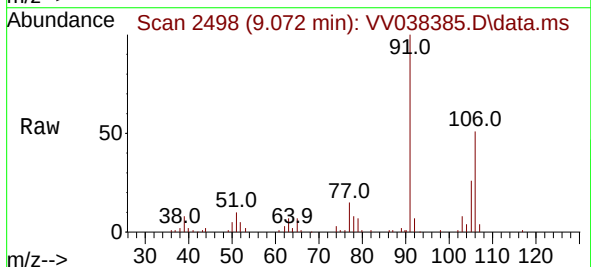
Acq: 02 Dec 2024 10:08

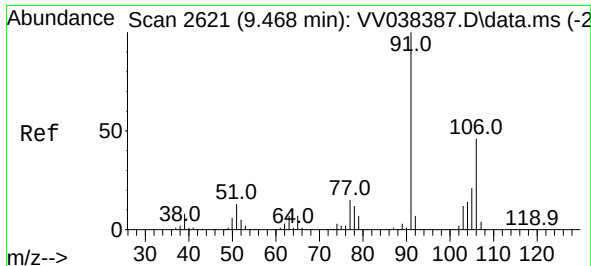
Tgt Ion: 106 Resp: 24073

Ion Ratio Lower Upper

106 100

91 197.3 142.6 264.8





#54

o-Xylene

Concen: 5.980 ug/L

RT: 9.471 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

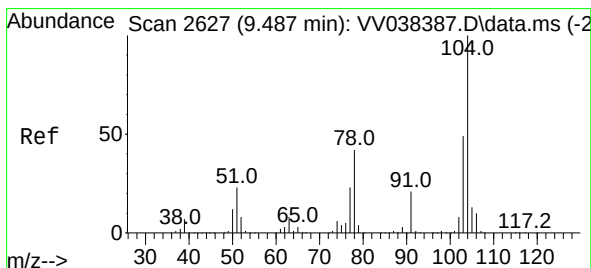
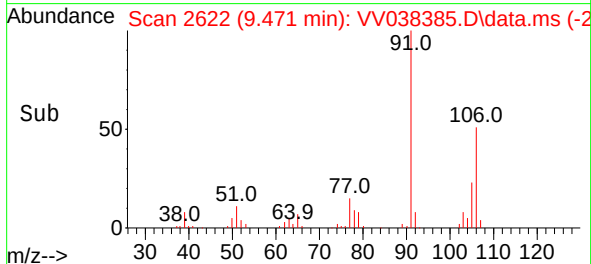
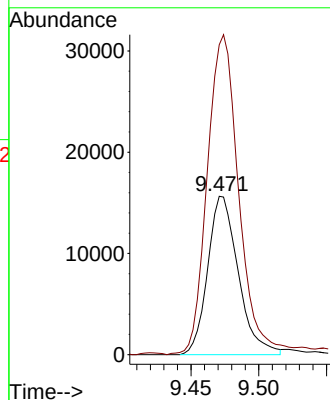
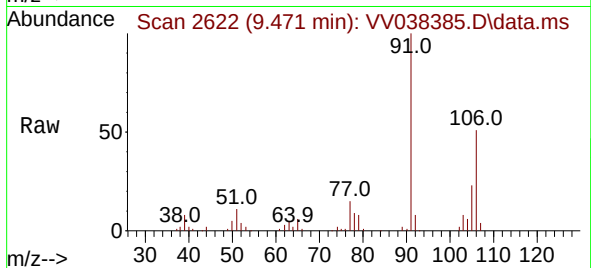
ClientSampleId :

Tgt Ion:106 Resp: 24595

Ion Ratio Lower Upper

106 100

91 195.7 151.1 280.7



#55

Styrene

Concen: 5.465 ug/L

RT: 9.496 min Scan# 2630

Delta R.T. 0.010 min

Lab File: VV038385.D

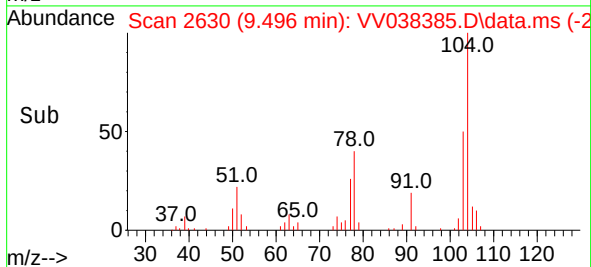
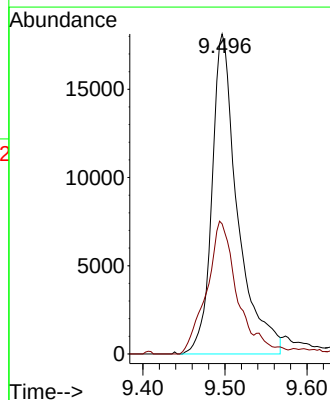
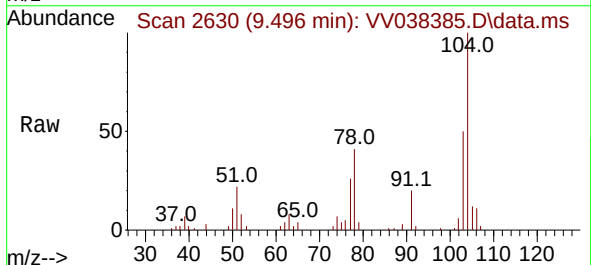
Acq: 02 Dec 2024 10:08

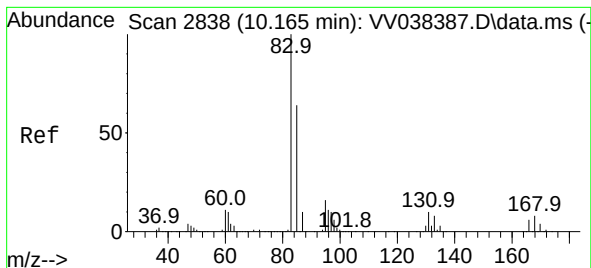
Tgt Ion:104 Resp: 39458

Ion Ratio Lower Upper

104 100

78 40.6 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 6.984 ug/L

RT: 10.172 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV038385.D

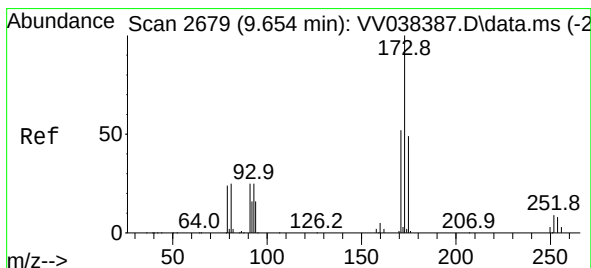
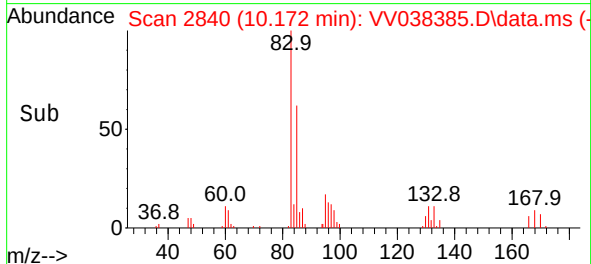
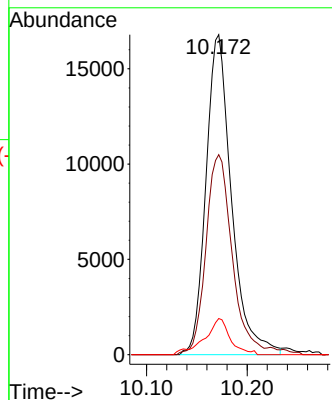
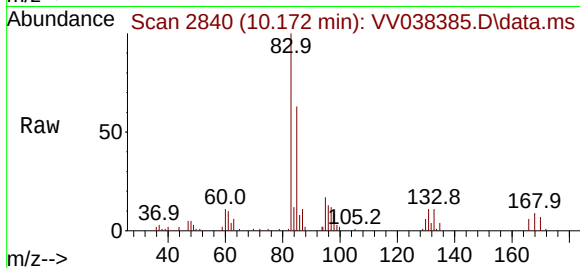
Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	29622
Ion Ratio	Lower	Upper	
83	100		
85	62.5	44.7	82.9
131	11.3	8.0	12.0



#59

Bromoform

Concen: 6.789 ug/L

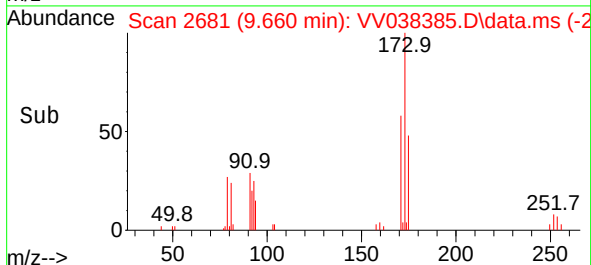
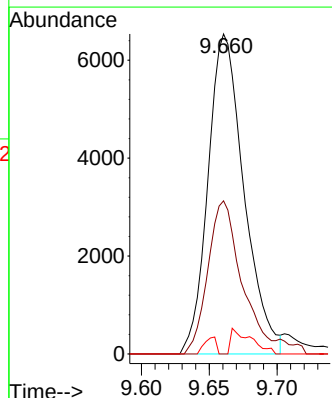
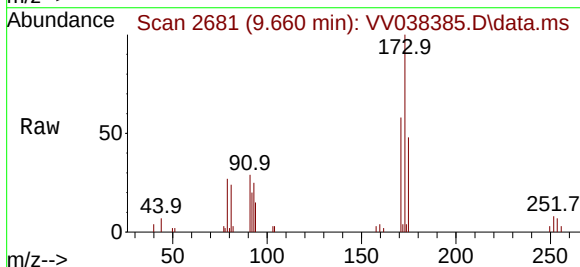
RT: 9.660 min Scan# 2681

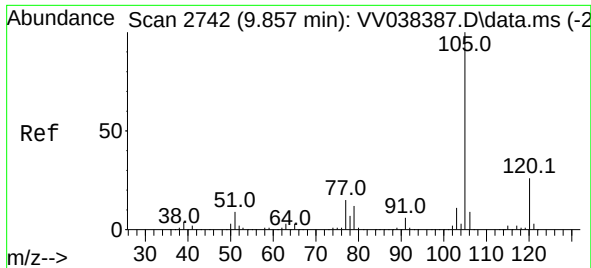
Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Tgt Ion:	173	Resp:	12054
Ion Ratio	Lower	Upper	
173	100		
175	44.6	38.8	58.2
254	2.6	6.9	10.3





#60

Isopropylbenzene

Concen: 6.309 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038385.D

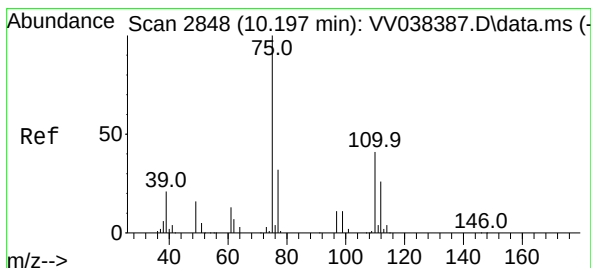
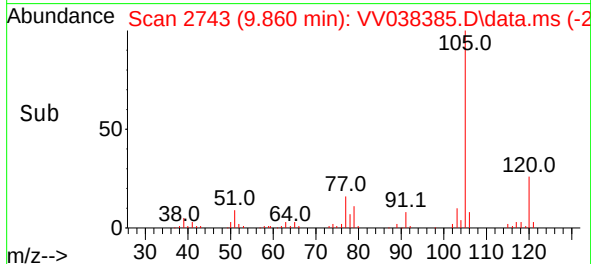
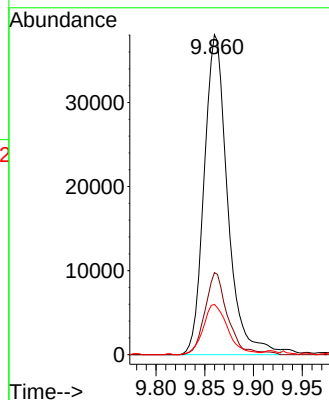
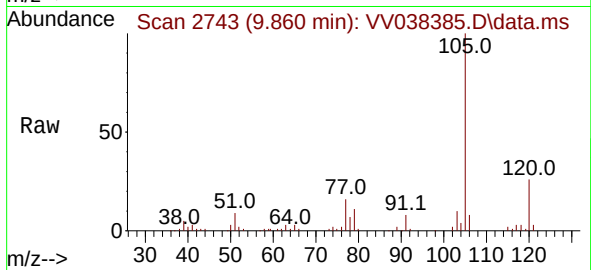
Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105	Resp:	63717
Ion Ratio	Lower	Upper
105	100	
120	24.9	21.0 31.4
77	16.6	12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 7.259 ug/L

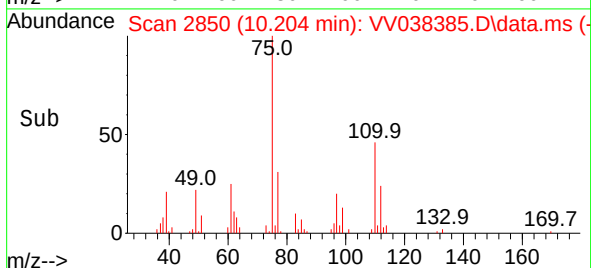
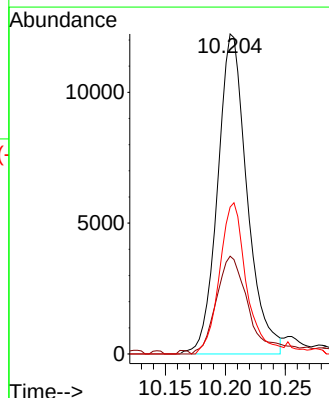
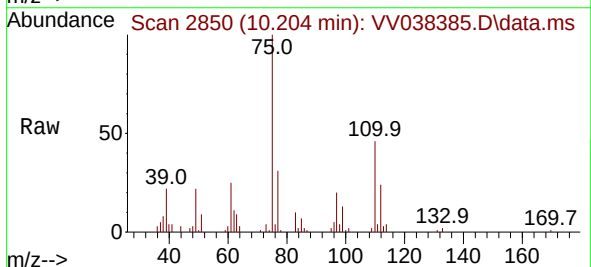
RT: 10.204 min Scan# 2850

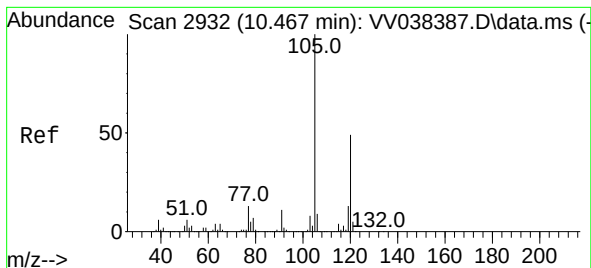
Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Tgt Ion: 75	Resp:	20871
Ion Ratio	Lower	Upper
75	100	
77	33.9	25.8 38.6
110	43.2	32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 5.750 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

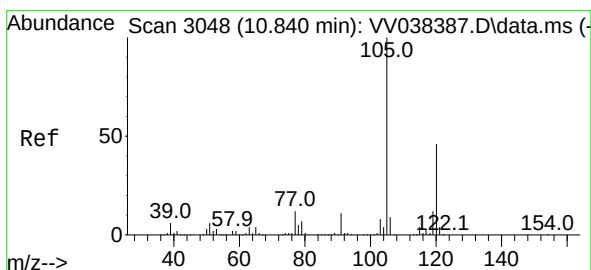
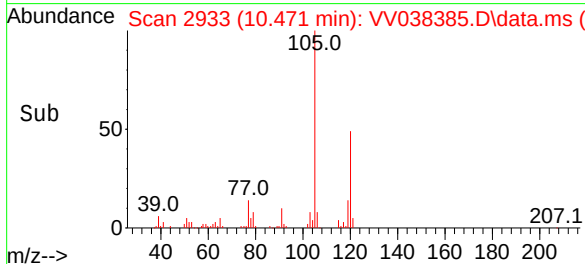
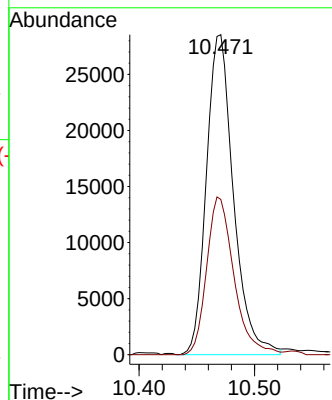
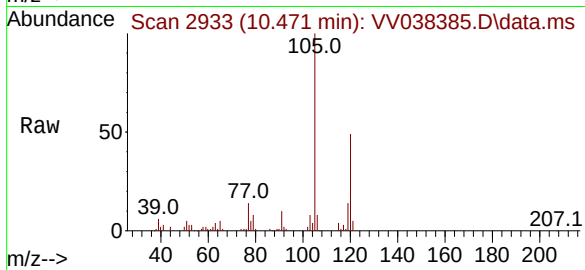
ClientSampleId :

Tgt Ion:105 Resp: 46595

Ion Ratio Lower Upper

105 100

120 49.5 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 5.619 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VV038385.D

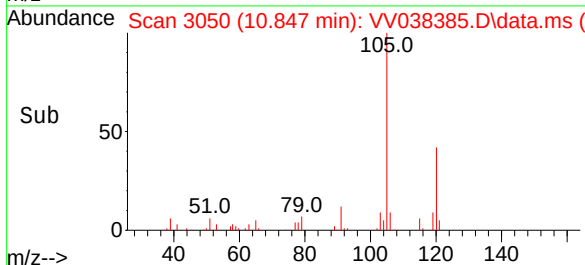
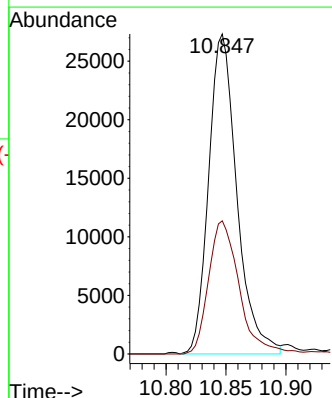
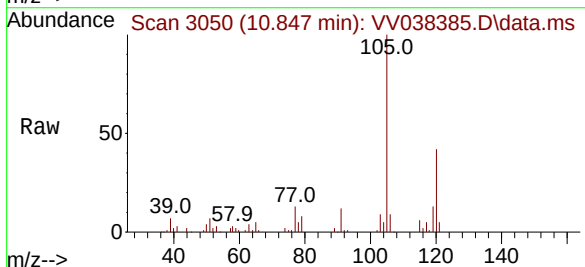
Acq: 02 Dec 2024 10:08

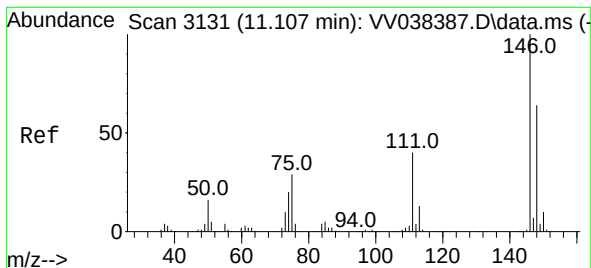
Tgt Ion:105 Resp: 44761

Ion Ratio Lower Upper

105 100

120 45.1 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 7.058 ug/L

RT: 11.114 min Scan# 3131

Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

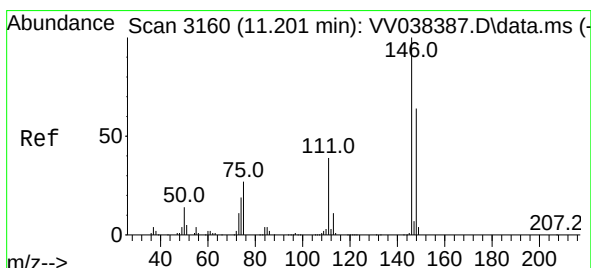
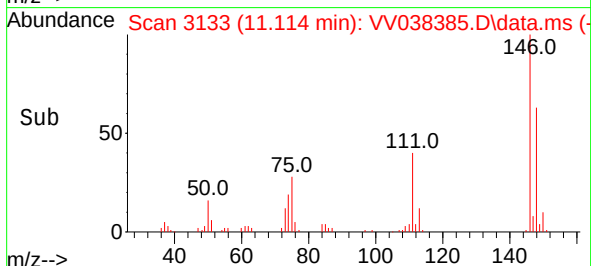
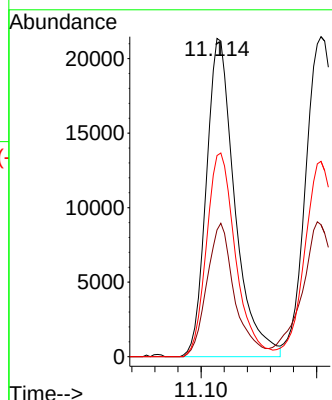
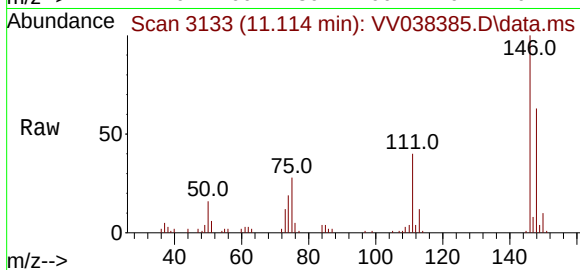
Tgt Ion:146 Resp: 36588

Ion Ratio Lower Upper

146 100

111 39.8 27.8 51.6

148 63.2 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 7.418 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

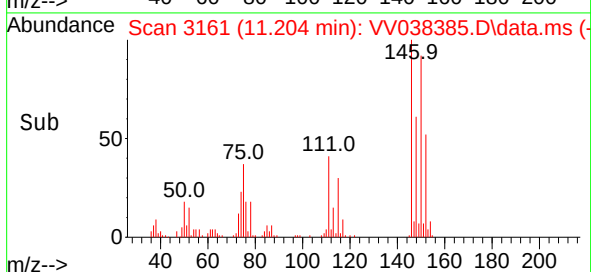
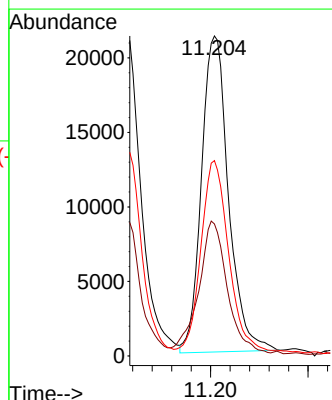
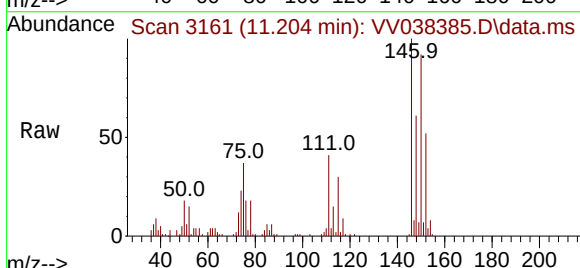
Tgt Ion:146 Resp: 40882

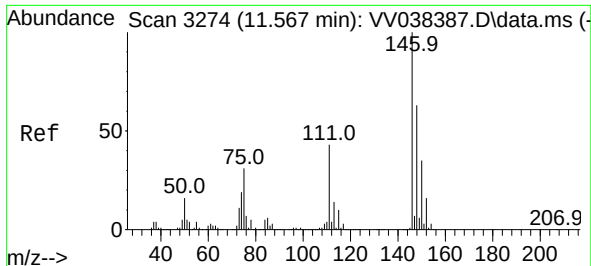
Ion Ratio Lower Upper

146 100

111 41.3 27.6 51.4

148 61.0 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 7.067 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

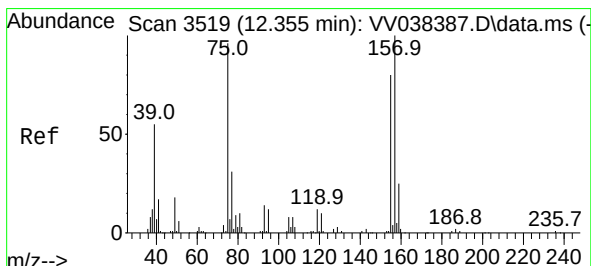
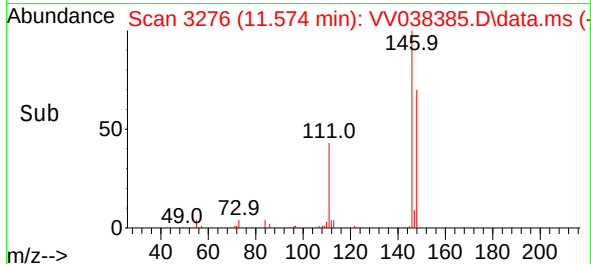
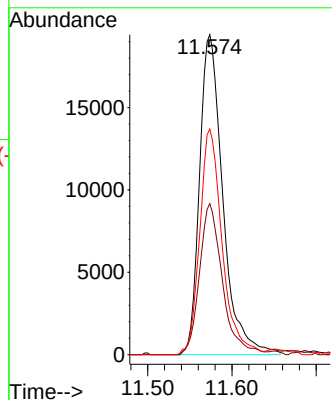
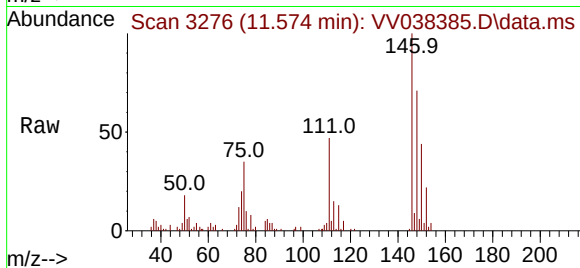
Tgt Ion:146 Resp: 37349

Ion Ratio Lower Upper

146 100

111 47.2 34.2 51.2

148 70.5 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 7.532 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.010 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

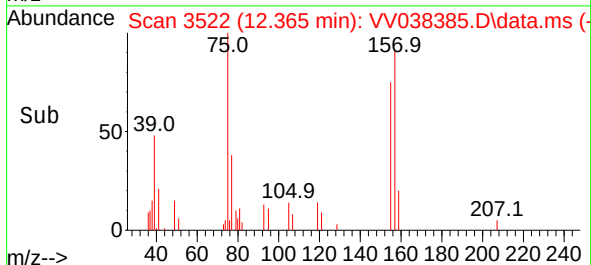
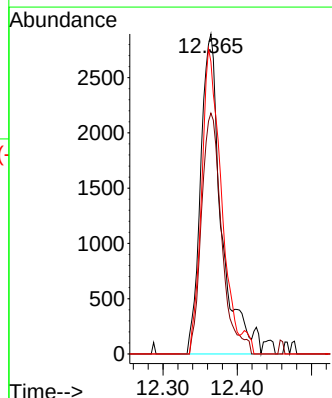
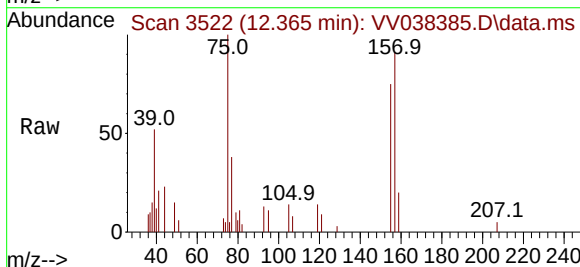
Tgt Ion: 75 Resp: 5708

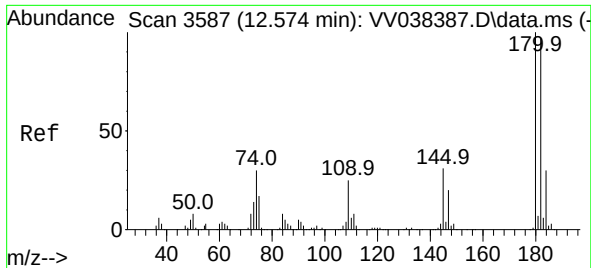
Ion Ratio Lower Upper

75 100

155 75.2 66.8 100.2

157 91.3 83.4 125.2





#69

1,3,5-Trichlorobenzene

Concen: 7.527 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

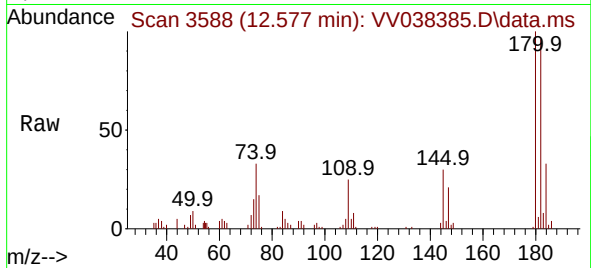
Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 26614

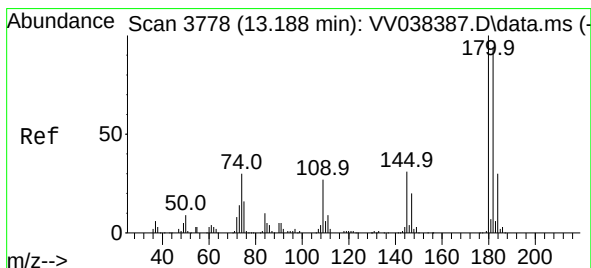
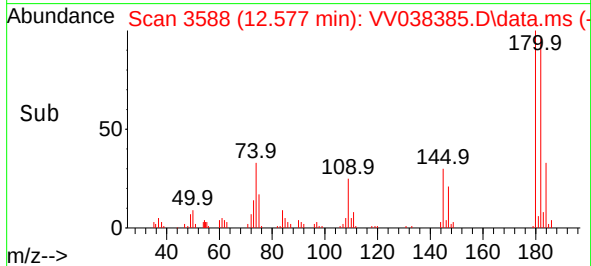
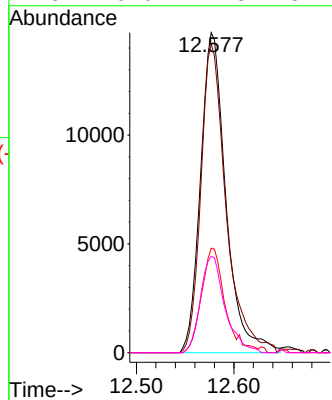
Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.4

184 29.6 23.8 35.6

145 29.0 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 7.487 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

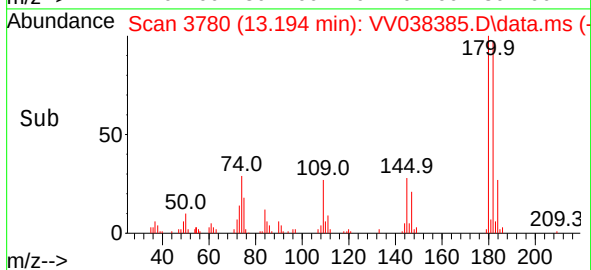
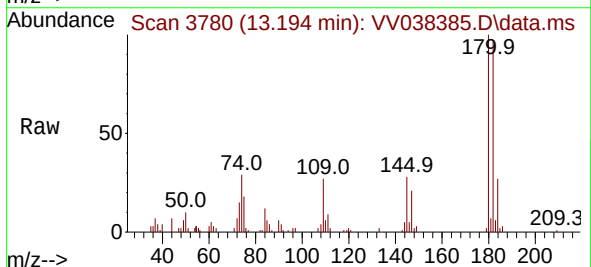
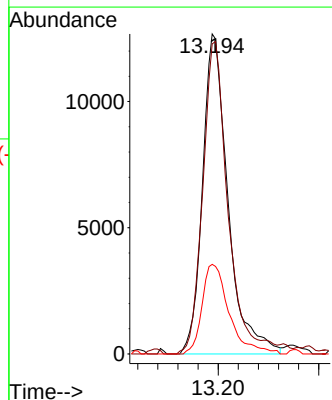
Tgt Ion:180 Resp: 22303

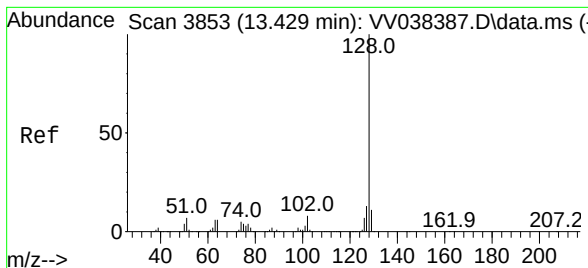
Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 29.6 24.7 37.1





#71

Naphthalene

Concen: 8.674 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.006 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Instrument :

MSVOA_V

ClientSampleId :

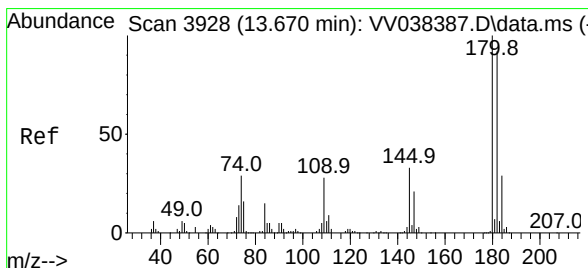
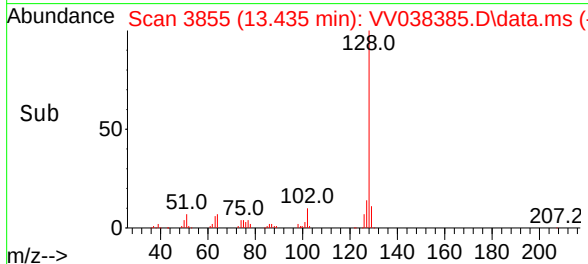
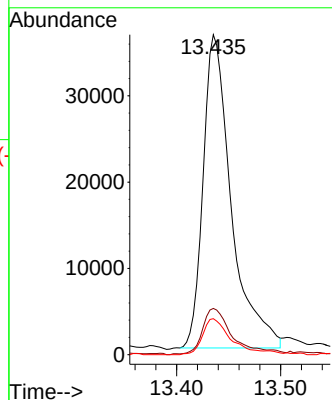
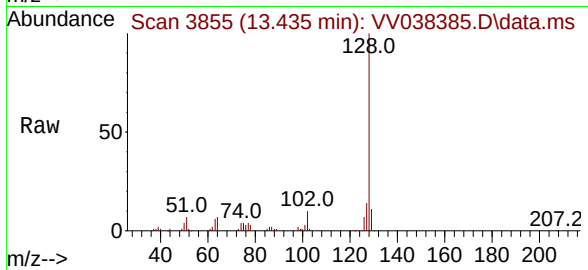
Tgt Ion:128 Resp: 68326

Ion Ratio Lower Upper

128 100

127 14.4 10.1 15.1

129 11.3 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 7.945 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV038385.D

Acq: 02 Dec 2024 10:08

Tgt Ion:180 Resp: 23220

Ion Ratio Lower Upper

180 100

182 93.6 75.8 113.6

145 32.7 27.1 40.7

