

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038386.D
 Acq On : 02 Dec 2024 11:50
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 20:58:33 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	5.522	114	529924	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	542810	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	279665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	43052	9.723	ug/L	0.00
7) Chloroethane-d5	1.529	69	36338	9.740	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	17886	9.528	ug/L	0.00
21) 2-Butanone-d5	3.821	46	21134	10.341	ug/L	0.04
24) Chloroform-d	4.243	84	75865	9.447	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	45585	9.585	ug/L	0.00
32) Benzene-d6	4.953	84	140632	8.992	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	43475	8.583	ug/L	0.00
41) Toluene-d8	7.236	98	119173	8.425	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	19041	8.225	ug/L	0.01
47) 2-Hexanone-d5	8.034	63	18531	13.018	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.143	84	61397	9.027	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	50636	9.365	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	50907	10.460	ug/L	99
3) Chloromethane	1.214	50	50316	9.966	ug/L	97
5) Vinyl chloride	1.281	62	49816	9.673	ug/L	97
6) Bromomethane	1.484	94	29478	9.239	ug/L	96
8) Chloroethane	1.545	64	33241	10.201	ug/L	98
9) Trichlorofluoromethane	1.712	101	69611	10.249	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	40504	10.357	ug/L	98
12) 1,1-Dichloroethene	2.066	96	36680	9.849	ug/L	90
13) Acetone	2.117	43	55175	18.985	ug/L	99
14) Carbon disulfide	2.236	76	124300	10.141	ug/L	100
15) Methyl Acetate	2.378	43	34891	9.276	ug/L	99
16) Methylene chloride	2.442	84	44000	9.791	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	39292	9.675	ug/L	94
18) Methyl tert-butyl Ether	2.696	73	104629	8.920	ug/L	100
19) 1,1-Dichloroethane	3.104	63	72906	9.789	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	38848	9.096	ug/L	97
22) 2-Butanone	3.889	43	11886	4.604	ug/L #	55
23) Bromochloromethane	4.143	128	21985	9.470	ug/L	98
25) Chloroform	4.265	83	76269	9.810	ug/L	99
27) 1,2-Dichloroethane	5.037	62	53840	9.493	ug/L	98
29) Cyclohexane	4.571	56	51187	8.777	ug/L	96
30) 1,1,1-Trichloroethane	4.497	97	66100	9.637	ug/L	99
31) Carbon tetrachloride	4.722	117	57924	9.609	ug/L	99
33) Benzene	5.001	78	151250	9.231	ug/L	100
34) Trichloroethene	5.828	95	42076	9.613	ug/L	97
35) Methylcyclohexane	6.040	83	56311	8.959	ug/L	97
37) 1,2-Dichloropropane	6.088	63	38238	8.976	ug/L #	96
38) Bromodichloromethane	6.426	83	54991	9.301	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	54906	8.306	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	71601	15.806	ug/L	98
42) Toluene	7.310	91	156320	9.184	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	53152	8.473	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038386.D
 Acq On : 02 Dec 2024 11:50
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

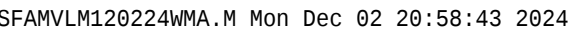
Quant Time: Dec 02 20:58:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 20:56:56 2024
 Response via : Initial Calibration

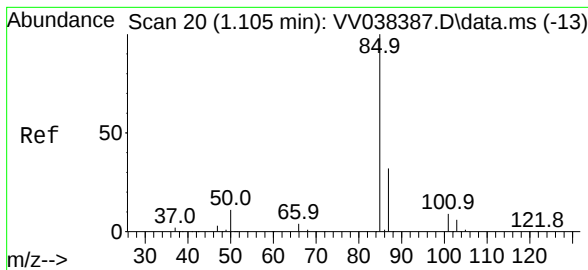
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.763	97	41410	9.369	ug/L	98
46) Tetrachloroethene	7.898	164	34165	10.110	ug/L	94
48) 2-Hexanone	8.079	43	51492	13.801	ug/L	94
49) Dibromochloromethane	8.169	129	41299	9.059	ug/L	100
50) 1,2-Dibromoethane	8.278	107	42221	9.064	ug/L	98
51) Chlorobenzene	8.805	112	109771	9.386	ug/L	98
52) Ethylbenzene	8.940	91	160115	8.770	ug/L	100
53) m,p-Xylene	9.066	106	59721	8.630	ug/L	100
54) o-Xylene	9.471	106	54385	8.169	ug/L	92
55) Styrene	9.490	104	98005	8.385	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.168	83	62948	9.168	ug/L	98
59) Bromoform	9.660	173	27158	9.033	ug/L	97
60) Isopropylbenzene	9.857	105	149833	8.761	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	46238	9.497	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	110686	8.066	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	107744	7.987	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	84481	9.624	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	93427	10.012	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	85799	9.587	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	11279	8.790	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	55253	9.228	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	41254	8.178	ug/L	98
71) Naphthalene	13.435	128	84315	6.321	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	39835	8.049	ug/L	99

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

Quant Time: Dec 02 20:58:33 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

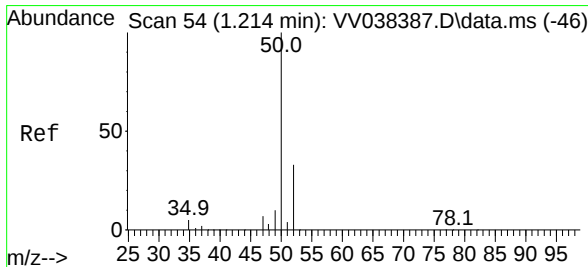
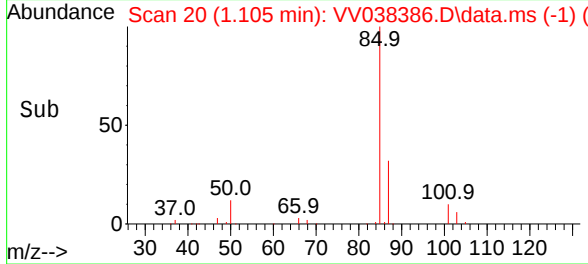
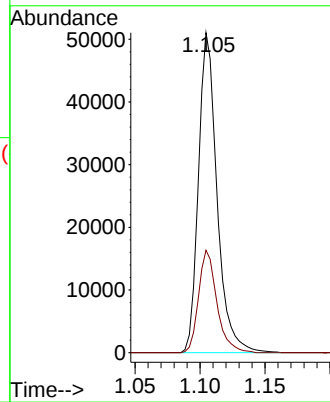
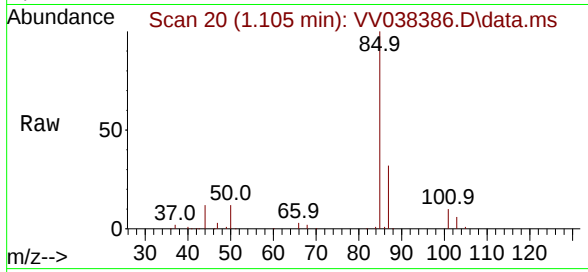




#2
 Dichlorodifluoromethane
 Concen: 10.460 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038386.D
 Acq: 02 Dec 2024 11:50

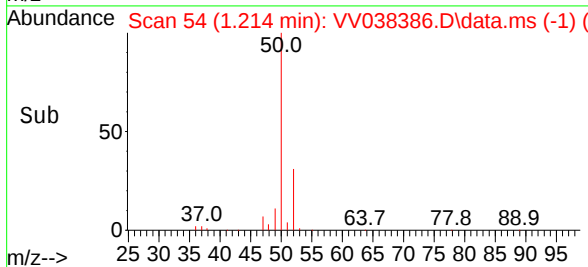
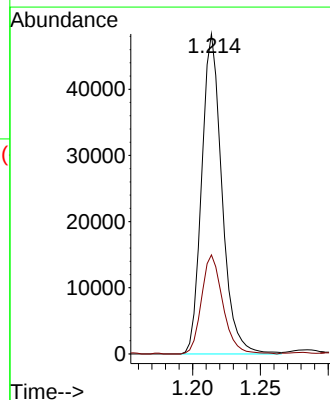
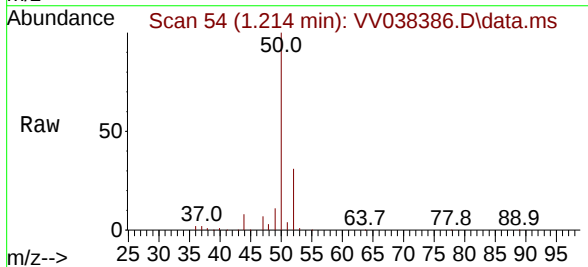
Instrument :
 MSVOA_V
 ClientSampleId :

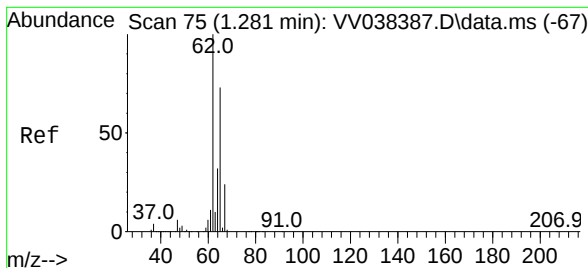
Tgt Ion: 85 Resp: 50907
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.6



#3
 Chloromethane
 Concen: 9.966 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038386.D
 Acq: 02 Dec 2024 11:50

Tgt Ion: 50 Resp: 50316
 Ion Ratio Lower Upper
 50 100
 52 31.0 22.7 42.3





#5

Vinyl chloride

Concen: 9.673 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

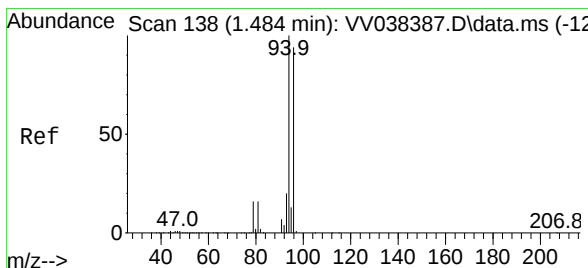
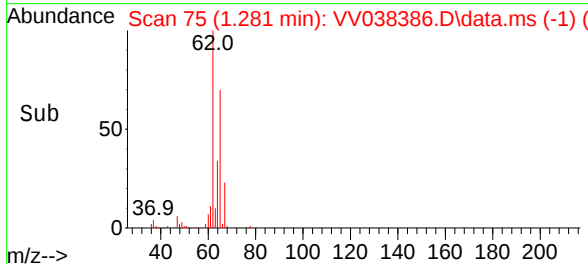
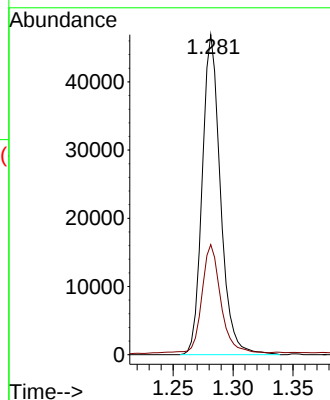
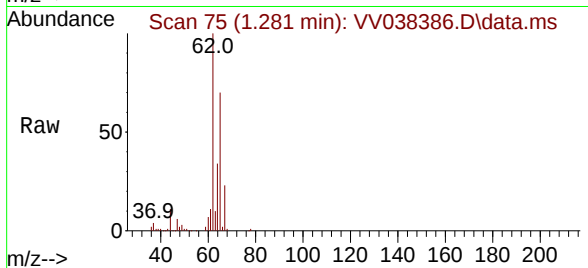
ClientSampleId :

Tgt Ion: 62 Resp: 49816

Ion Ratio Lower Upper

62 100

64 34.4 22.8 42.4



#6

Bromomethane

Concen: 9.239 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038386.D

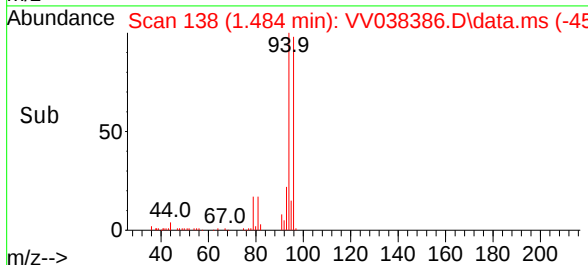
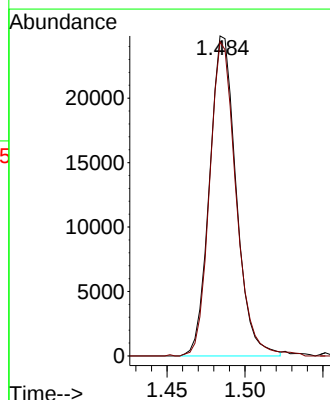
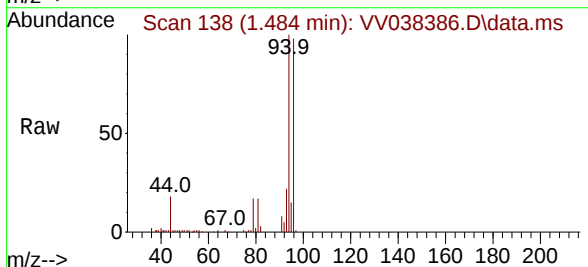
Acq: 02 Dec 2024 11:50

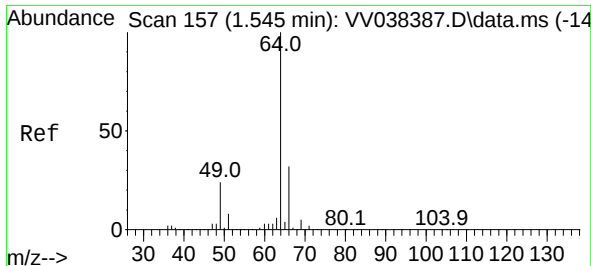
Tgt Ion: 94 Resp: 29478

Ion Ratio Lower Upper

94 100

96 98.2 66.1 122.8

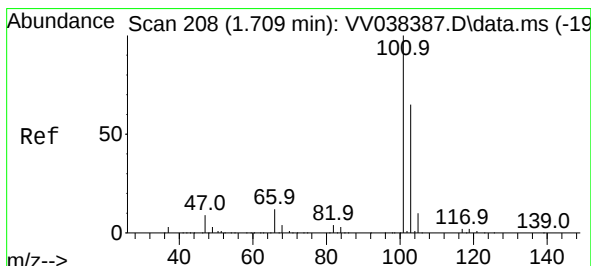
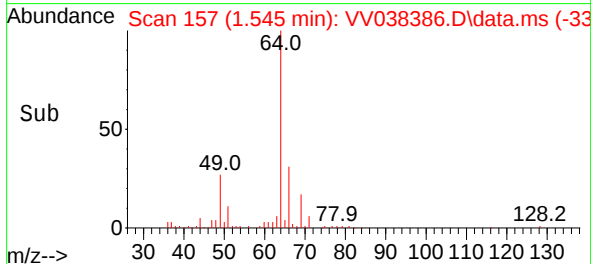
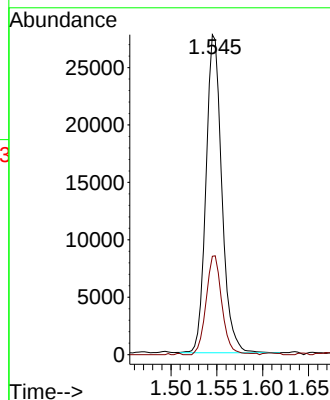
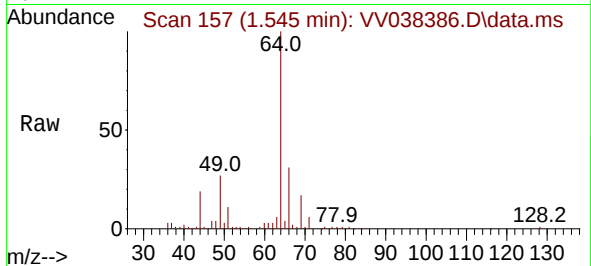




#8
Chloroethane
Concen: 10.201 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

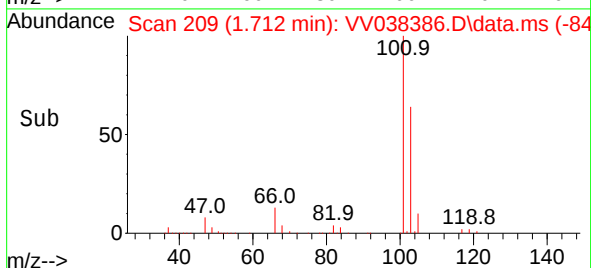
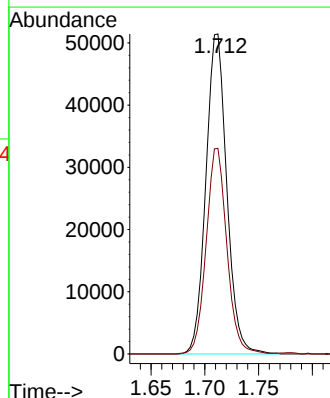
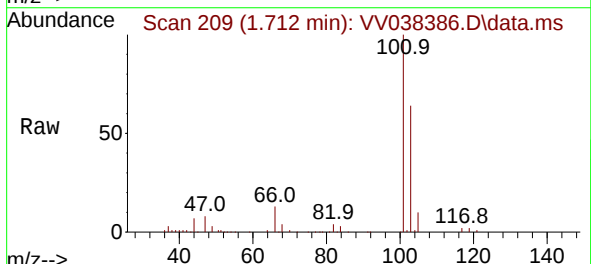
Instrument :
MSVOA_V
ClientSampleId :

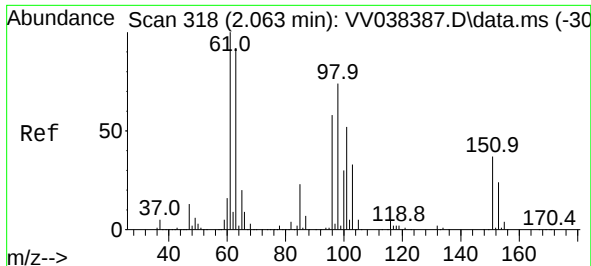
Tgt Ion: 64 Resp: 33241
Ion Ratio Lower Upper
64 100
66 30.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 10.249 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion:101 Resp: 69611
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5





#10

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

Concen: 10.357 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

ClientSampleId :

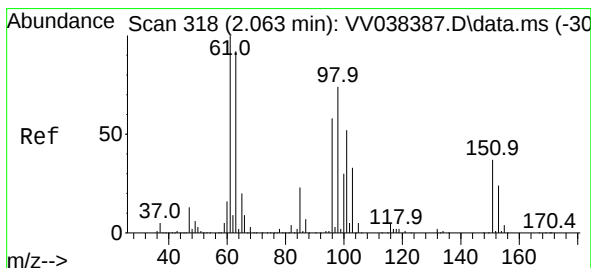
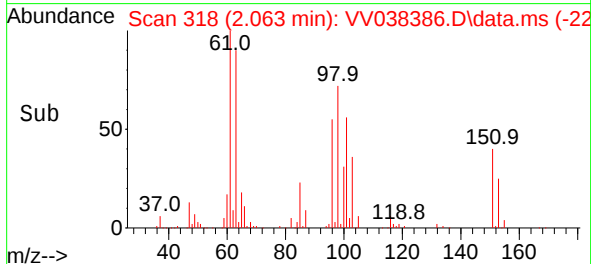
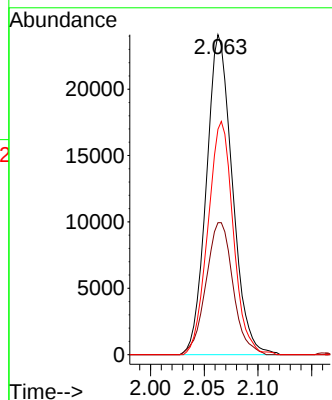
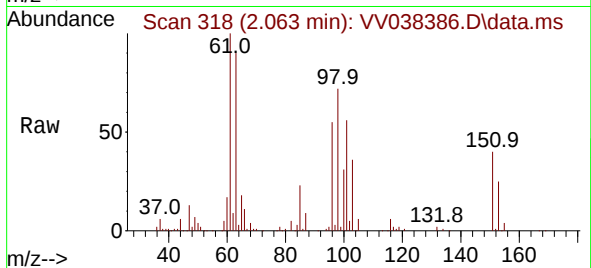
Tgt Ion:101 Resp: 40504

Ion Ratio Lower Upper

101 100

85 42.9 34.7 52.1

151 71.1 55.3 82.9



#12

1,1-Dichloroethene

Concen: 9.849 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

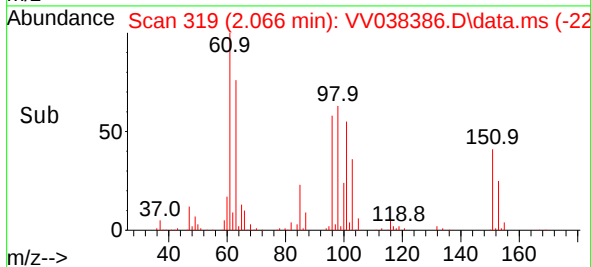
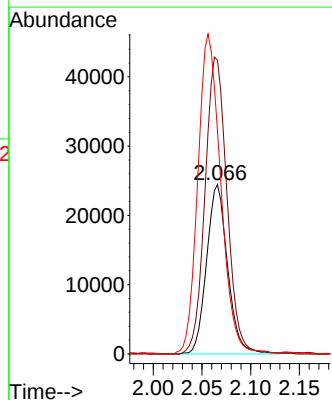
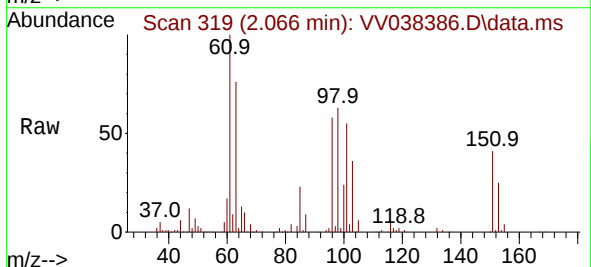
Tgt Ion: 96 Resp: 36680

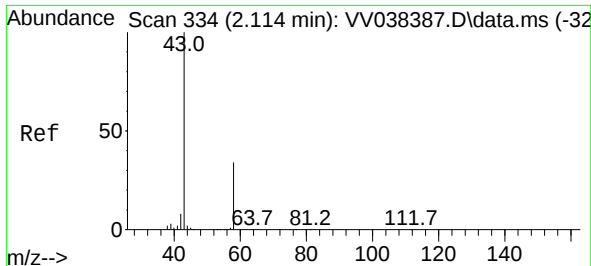
Ion Ratio Lower Upper

96 100

61 173.5 120.9 224.5

63 131.6 110.9 205.9





#13

Acetone

Concen: 18.985 ug/L

RT: 2.117 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

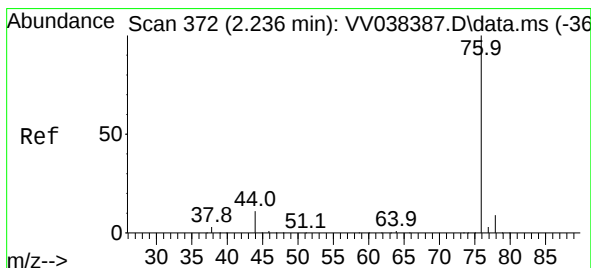
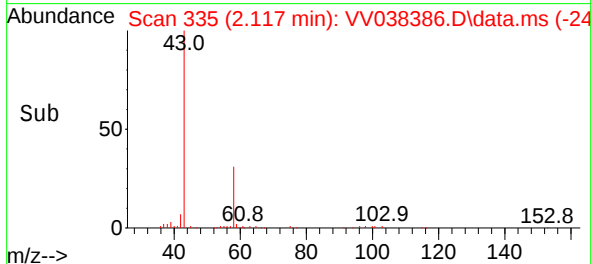
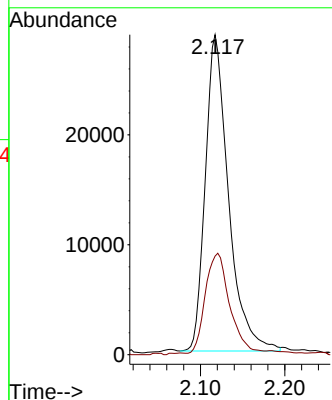
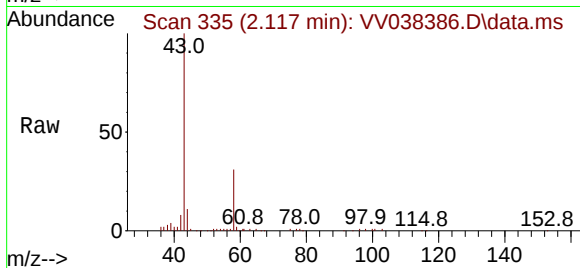
ClientSampleId :

Tgt Ion: 43 Resp: 55175

Ion Ratio Lower Upper

43 100

58 33.1 0.0 67.2



#14

Carbon disulfide

Concen: 10.141 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038386.D

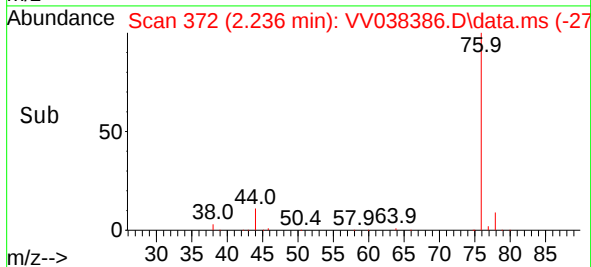
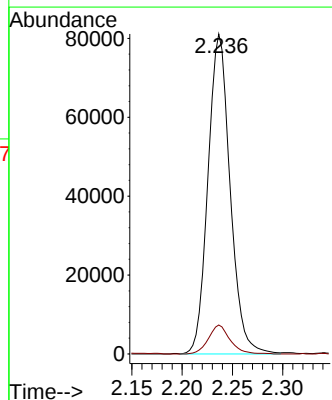
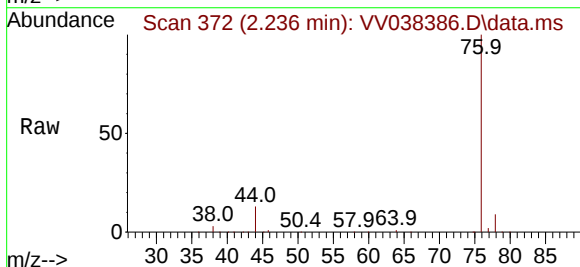
Acq: 02 Dec 2024 11:50

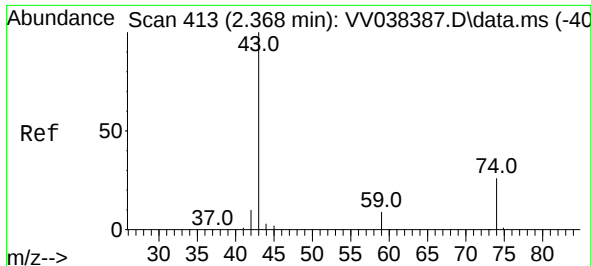
Tgt Ion: 76 Resp: 124300

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 9.276 ug/L

RT: 2.378 min Scan# 413

Delta R.T. 0.010 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

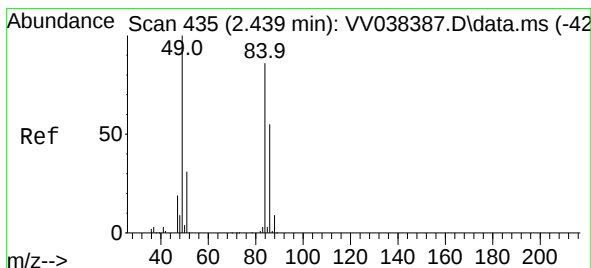
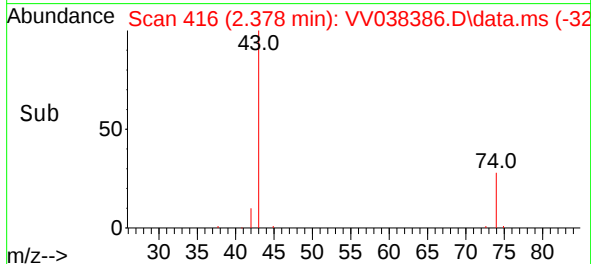
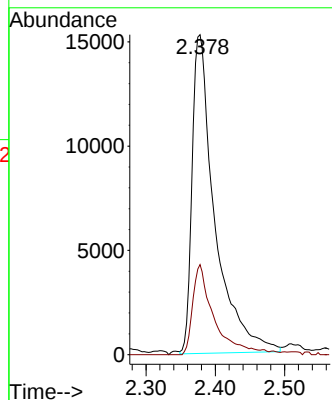
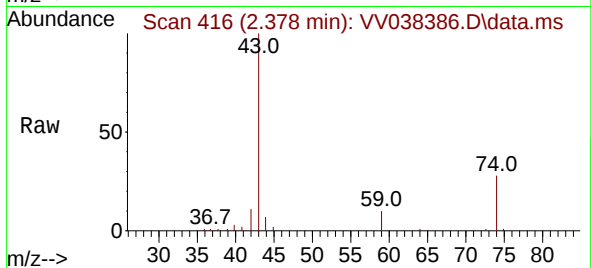
ClientSampleId :

Tgt Ion: 43 Resp: 34891

Ion Ratio Lower Upper

43 100

74 25.4 20.6 31.0



#16

Methylene chloride

Concen: 9.791 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

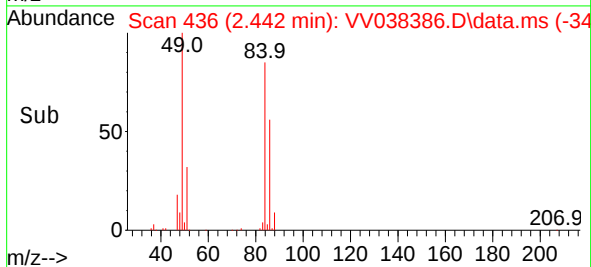
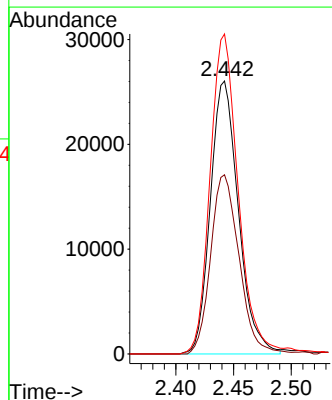
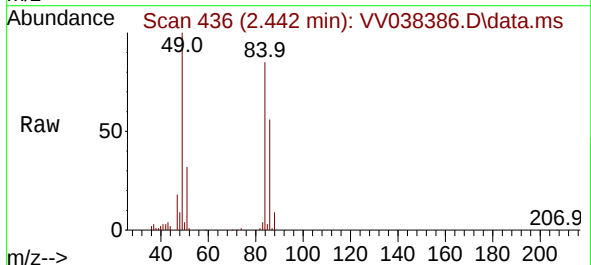
Tgt Ion: 84 Resp: 44000

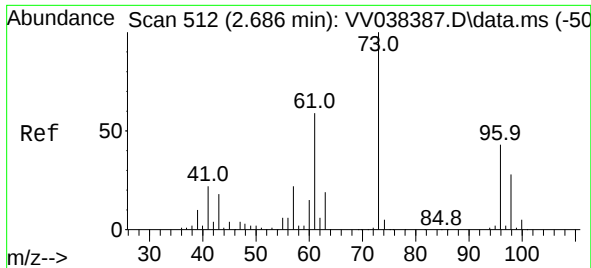
Ion Ratio Lower Upper

84 100

86 65.7 44.5 82.7

49 117.2 81.7 151.7

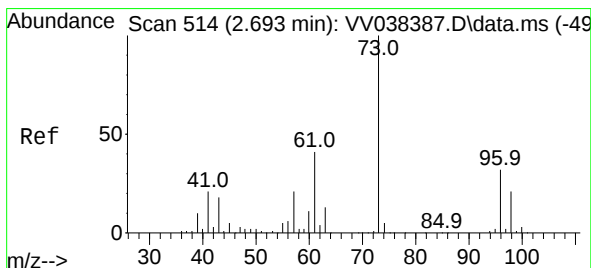
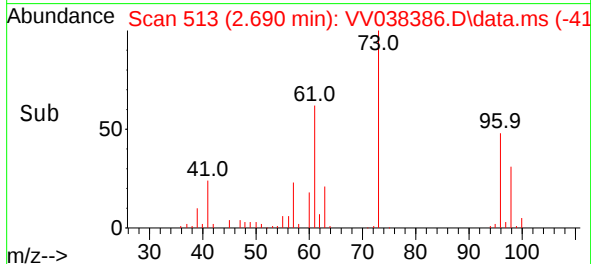
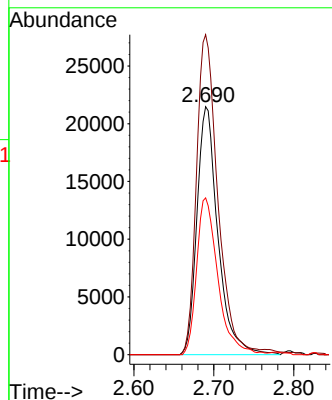
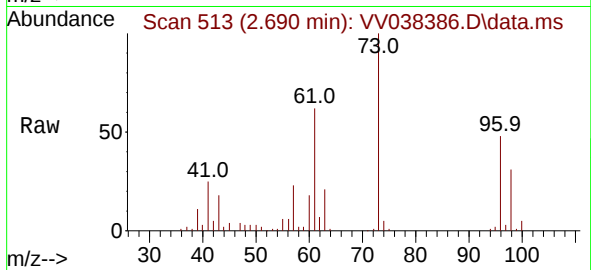




#17
trans-1,2-Dichloroethene
Concen: 9.675 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

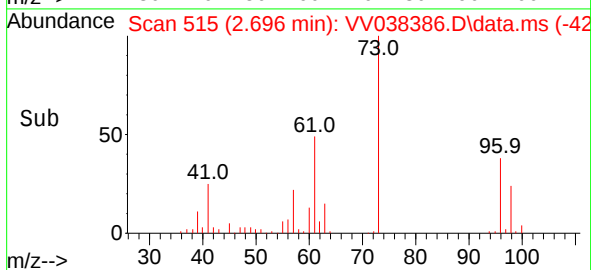
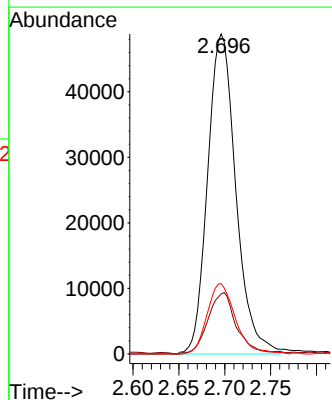
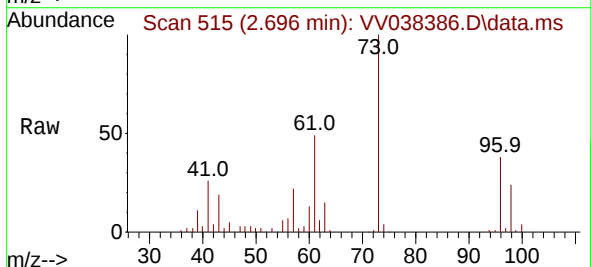
Instrument :
MSVOA_V
ClientSampleId :

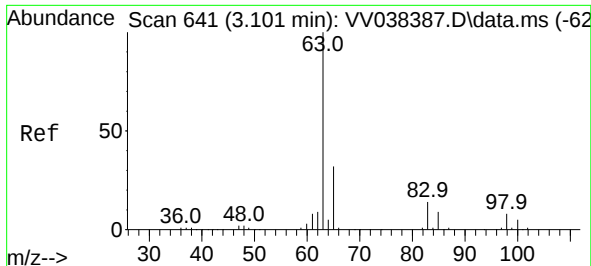
Tgt Ion: 96 Resp: 39292
Ion Ratio Lower Upper
96 100
61 129.0 95.7 177.7
98 63.2 46.4 86.2



#18
Methyl tert-butyl Ether
Concen: 8.920 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion: 73 Resp: 104629
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1
57 22.0 17.7 26.5

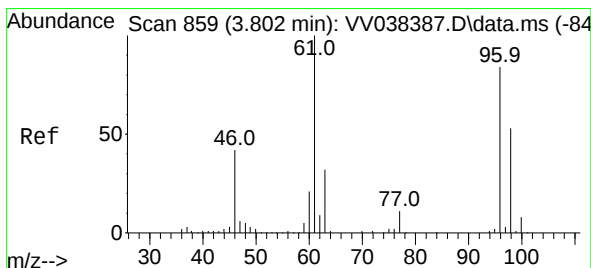
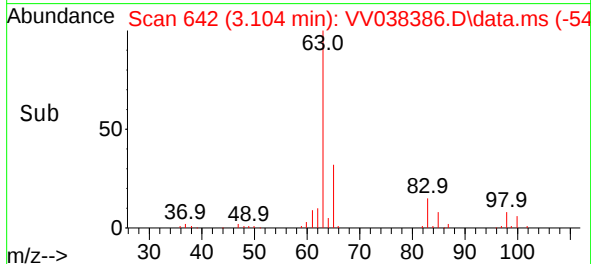
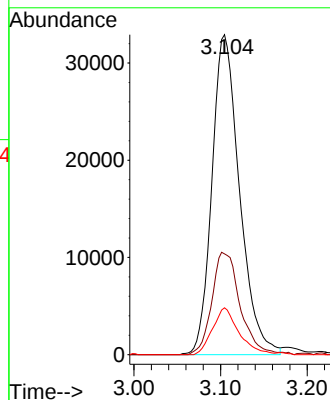
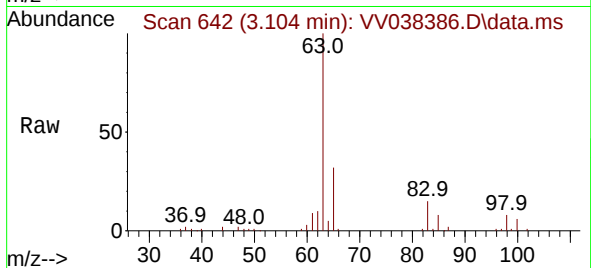




#19
1,1-Dichloroethane
Concen: 9.789 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

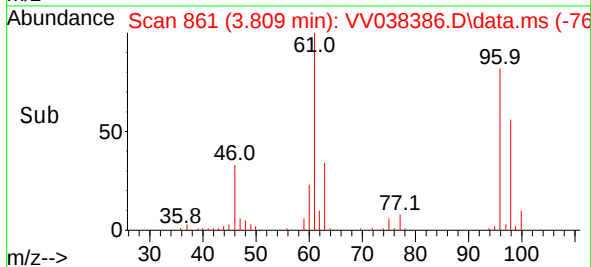
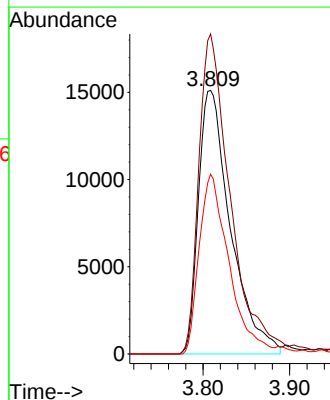
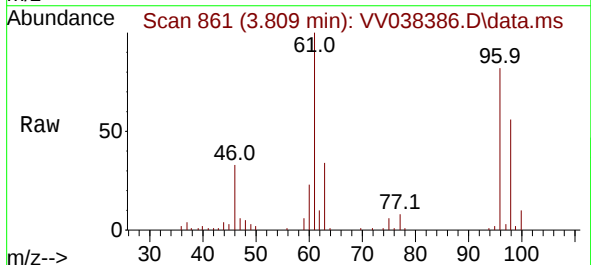
Instrument :
MSVOA_V
ClientSampleId :

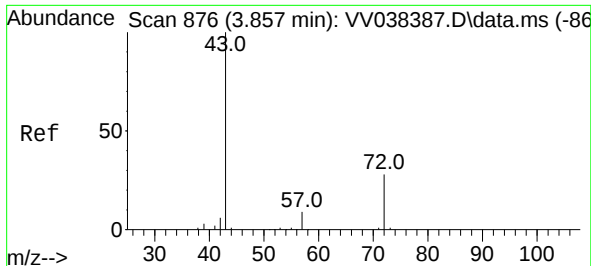
Tgt Ion: 63 Resp: 72906
Ion Ratio Lower Upper
63 100
65 31.5 22.6 42.0
83 14.7 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 9.096 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion: 96 Resp: 38848
Ion Ratio Lower Upper
96 100
61 121.5 83.5 155.1
98 68.3 44.6 82.8

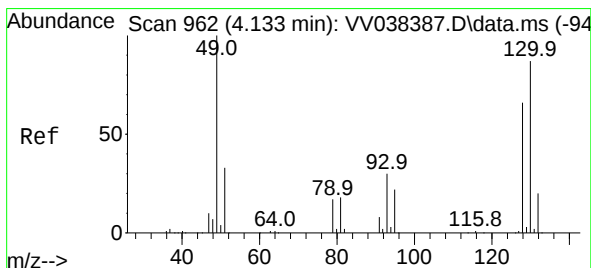
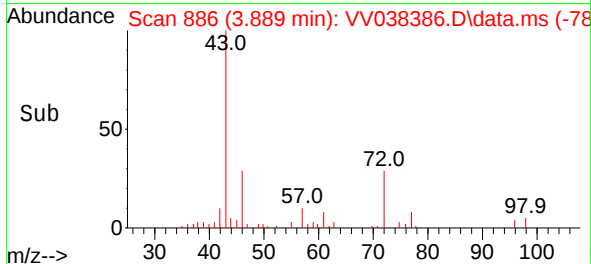
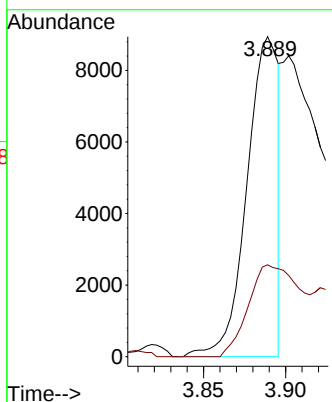
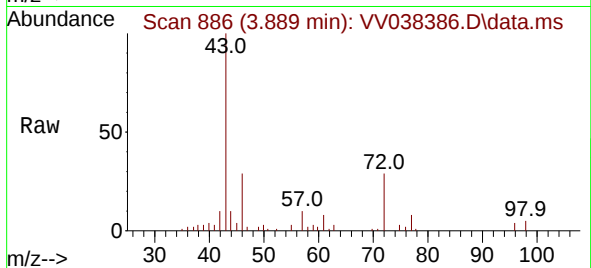




#22
2-Butanone
Concen: 4.604 ug/L
RT: 3.889 min Scan# 81
Delta R.T. 0.032 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

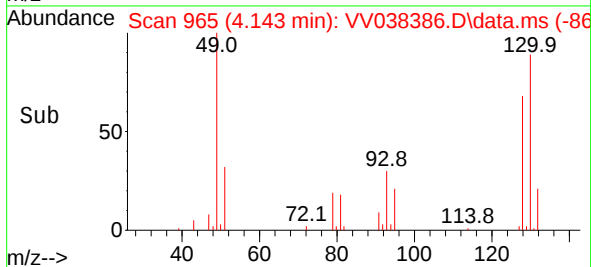
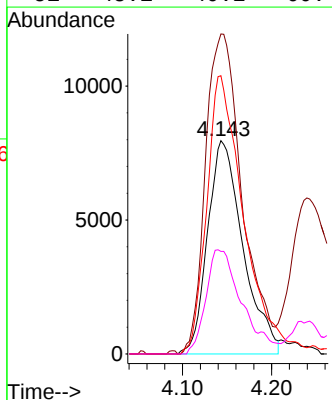
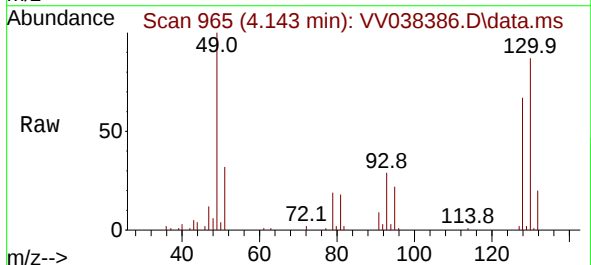
Instrument :
MSVOA_V
ClientSampleId :

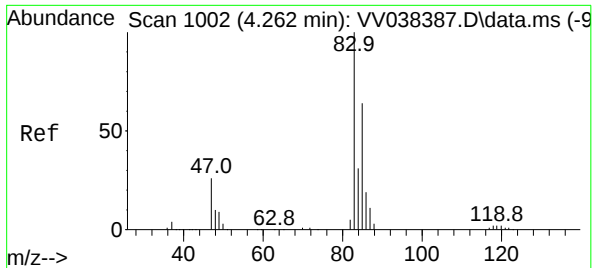
Tgt Ion: 43 Resp: 11886
Ion Ratio Lower Upper
43 100
72 47.5 12.5 37.5#



#23
Bromochloromethane
Concen: 9.470 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.010 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion: 128 Resp: 21985
Ion Ratio Lower Upper
128 100
49 150.0 106.7 198.3
130 130.4 93.2 173.2
51 48.1 40.2 60.4





#25

Chloroform

Concen: 9.810 ug/L

RT: 4.265 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

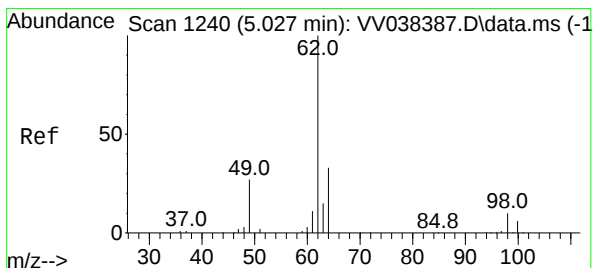
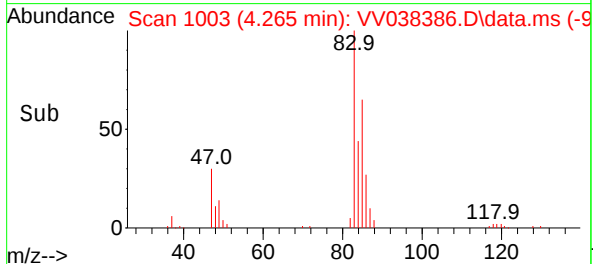
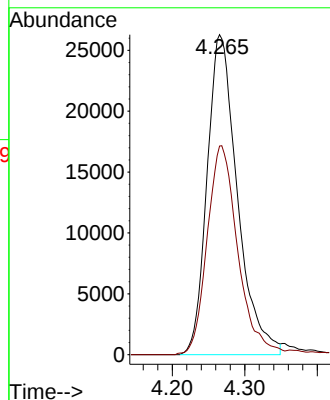
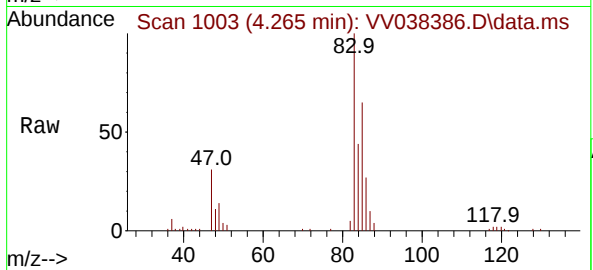
ClientSampleId :

Tgt Ion: 83 Resp: 76269

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 9.493 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.010 min

Lab File: VV038386.D

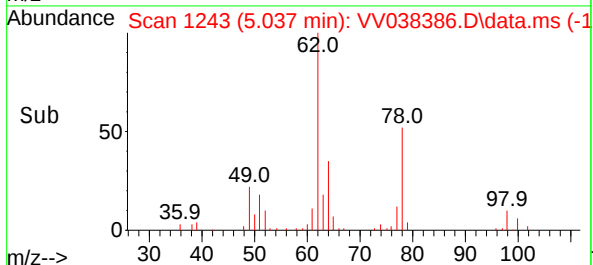
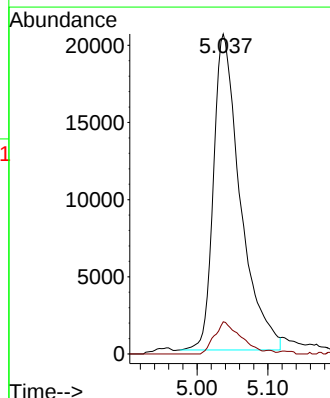
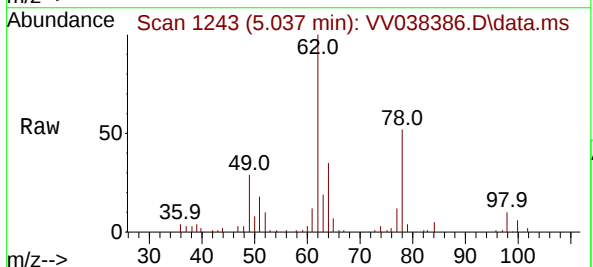
Acq: 02 Dec 2024 11:50

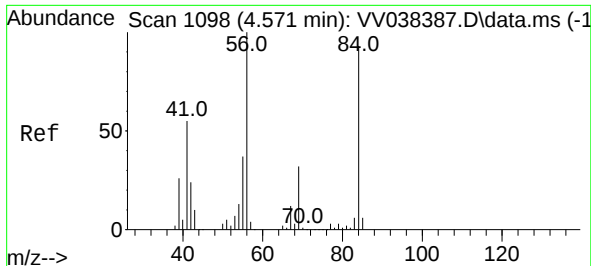
Tgt Ion: 62 Resp: 53840

Ion Ratio Lower Upper

62 100

98 10.0 7.5 11.3





#29

Cyclohexane

Concen: 8.777 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

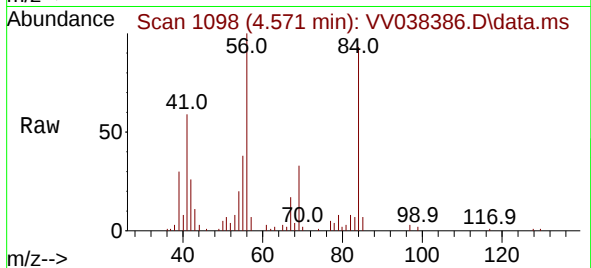
Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

ClientSampleId :



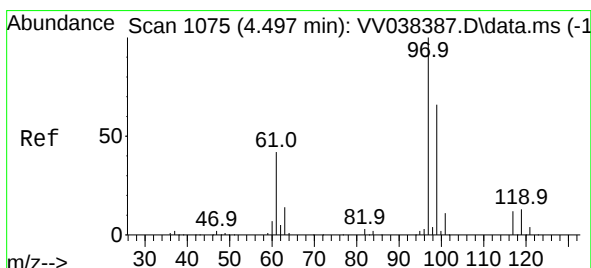
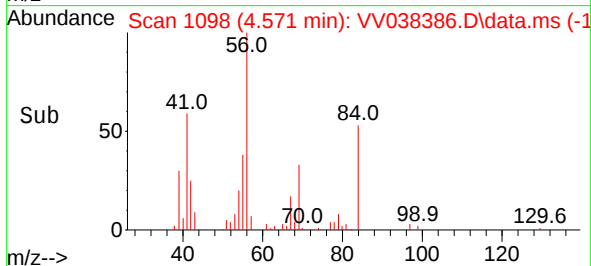
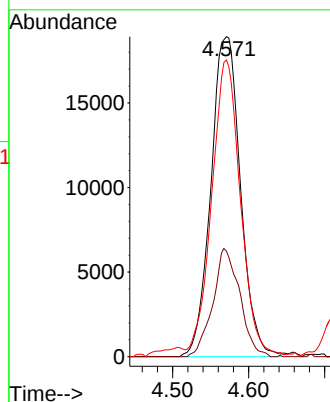
Tgt Ion: 56 Resp: 51187

Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 87.5 73.7 110.5



#30

1,1,1-Trichloroethane

Concen: 9.637 ug/L

RT: 4.497 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

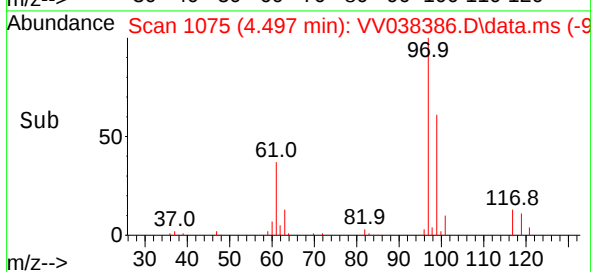
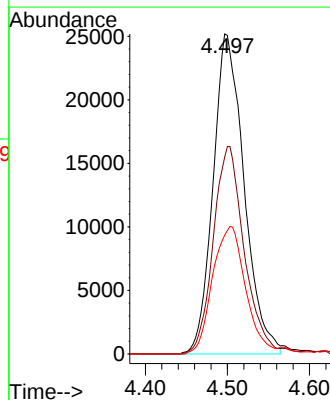
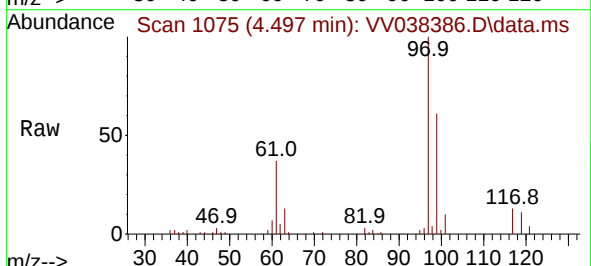
Tgt Ion: 97 Resp: 66100

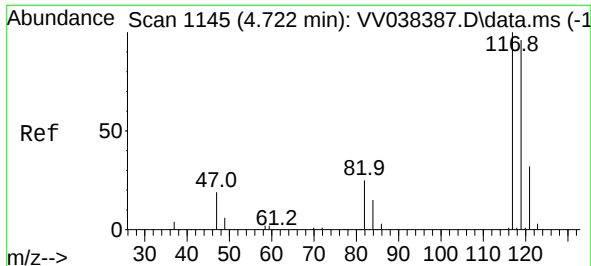
Ion Ratio Lower Upper

97 100

99 64.4 52.3 78.5

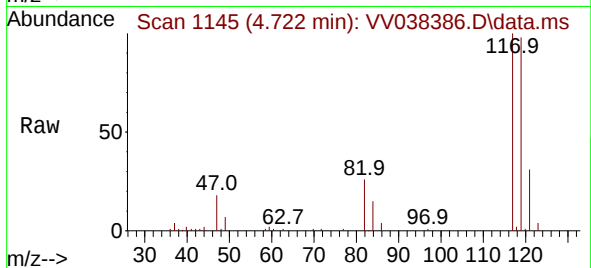
61 42.3 33.6 50.4



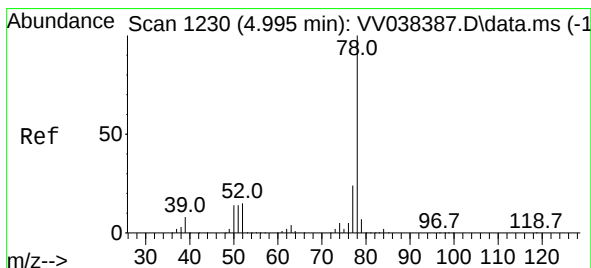
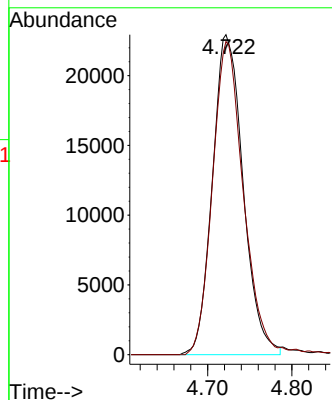
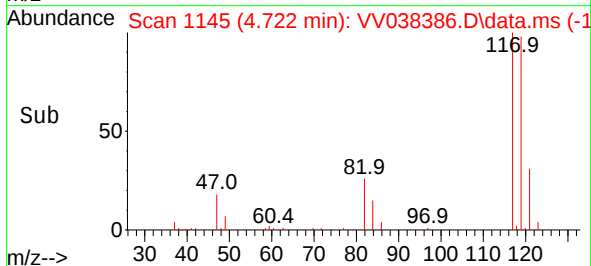


#31
Carbon tetrachloride
Concen: 9.609 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Instrument :
MSVOA_V
ClientSampleId :

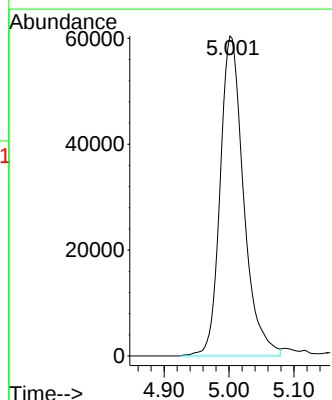
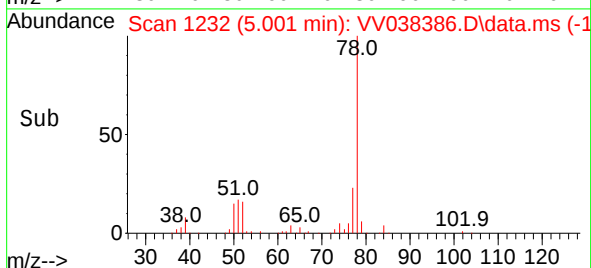
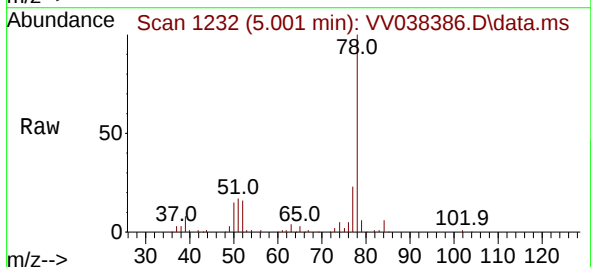


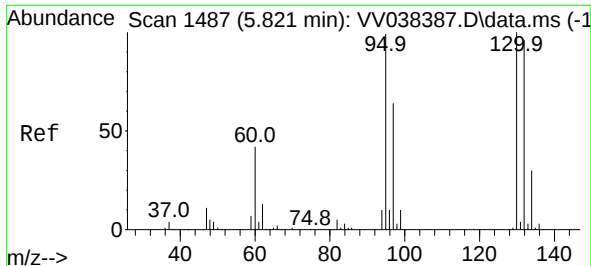
Tgt Ion:117 Resp: 57924
Ion Ratio Lower Upper
117 100
119 97.6 77.7 116.5



#33
Benzene
Concen: 9.231 ug/L
RT: 5.001 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion: 78 Resp: 151250





#34

Trichloroethene

Concen: 9.613 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 42076

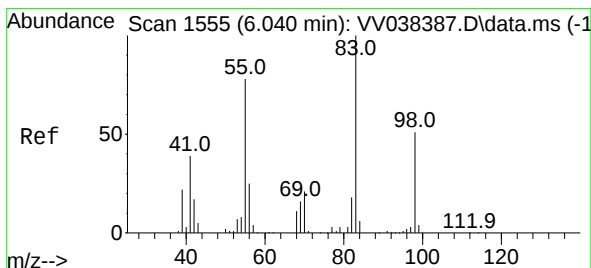
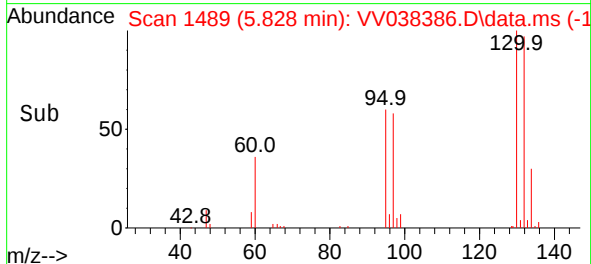
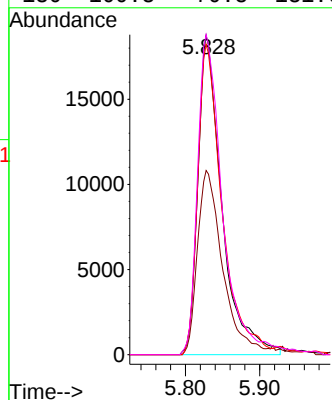
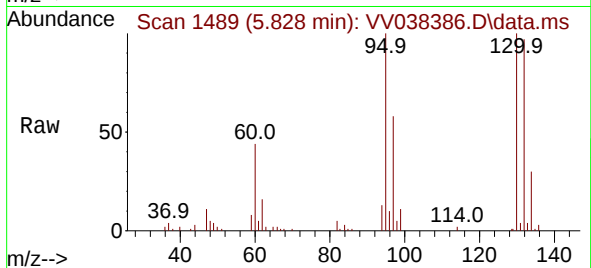
Ion Ratio Lower Upper

95 100

97 57.7 45.6 84.8

132 97.3 67.6 125.6

130 100.3 70.8 131.6



#35

Methylcyclohexane

Concen: 8.959 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

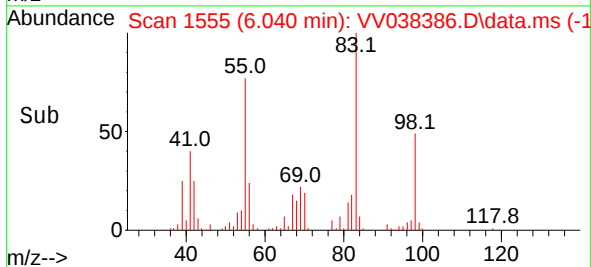
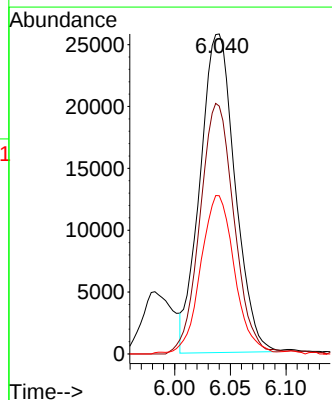
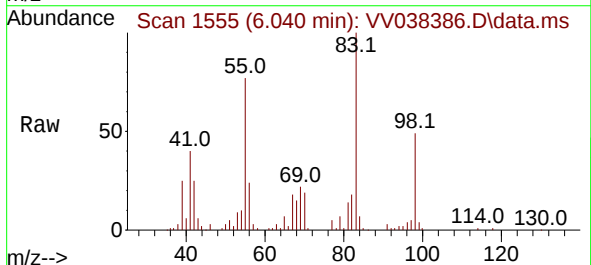
Tgt Ion: 83 Resp: 56311

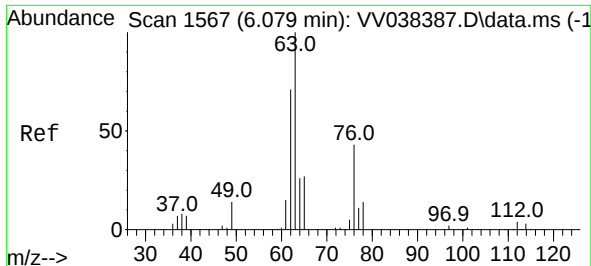
Ion Ratio Lower Upper

83 100

55 76.7 59.0 88.6

98 48.0 39.5 59.3

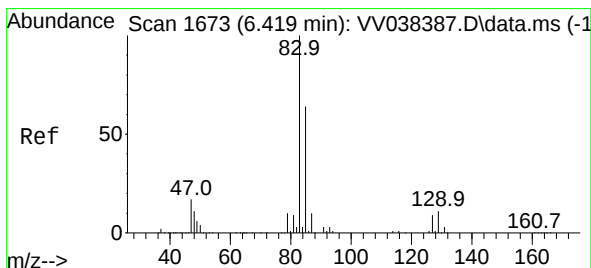
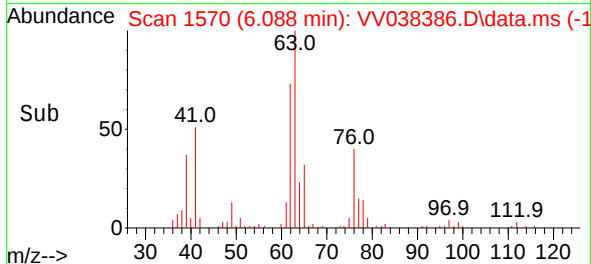
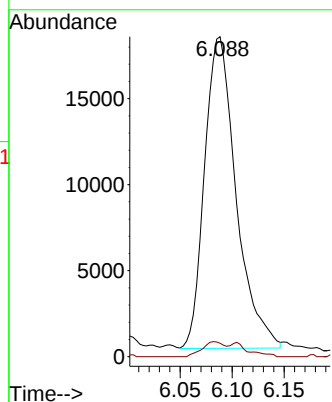
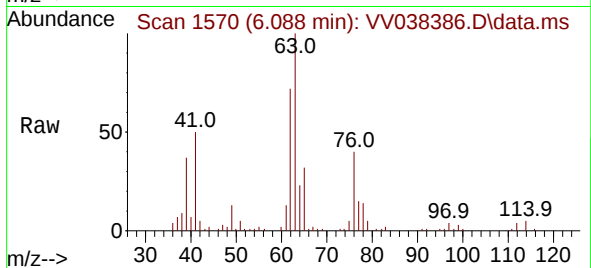




#37
1,2-Dichloropropane
Concen: 8.976 ug/L
RT: 6.088 min Scan# 1567
Delta R.T. 0.010 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

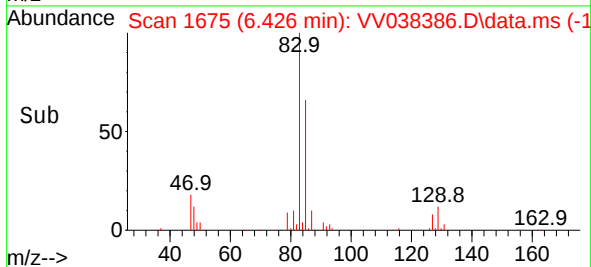
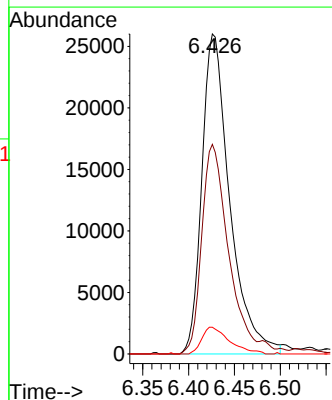
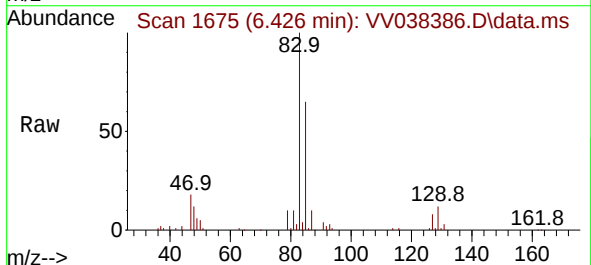
Instrument :
MSVOA_V
ClientSampleId :

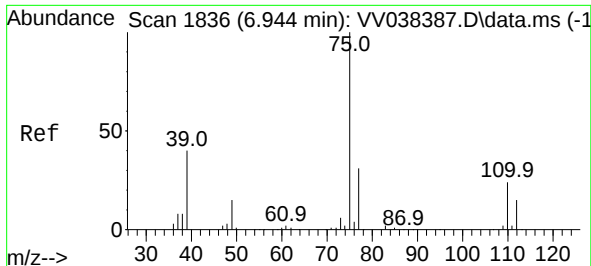
Tgt Ion: 63 Resp: 38238
Ion Ratio Lower Upper
63 100
112 3.4 3.8 5.6#



#38
Bromodichloromethane
Concen: 9.301 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion: 83 Resp: 54991
Ion Ratio Lower Upper
83 100
85 65.5 44.9 83.5
127 8.4 6.8 10.2

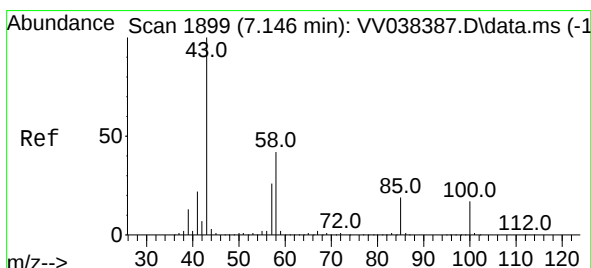
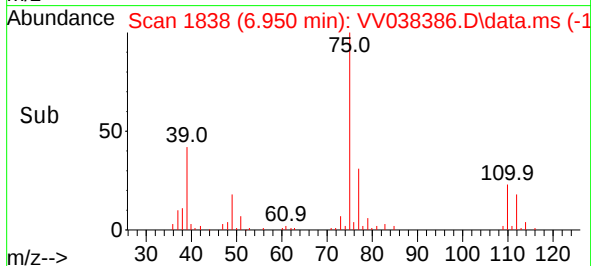
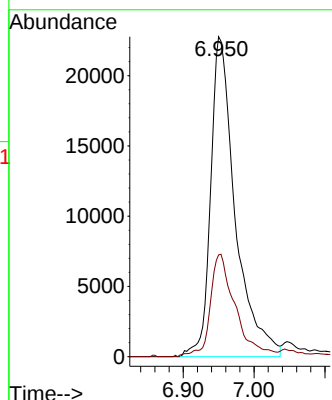
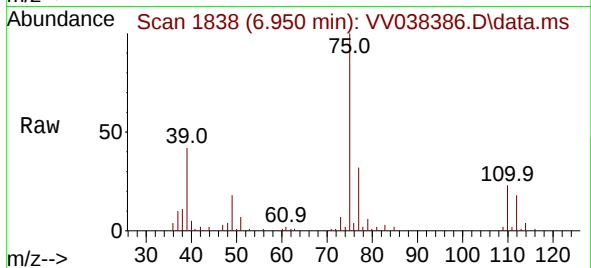




#39
 cis-1,3-Dichloropropene
 Concen: 8.306 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV038386.D
 Acq: 02 Dec 2024 11:50

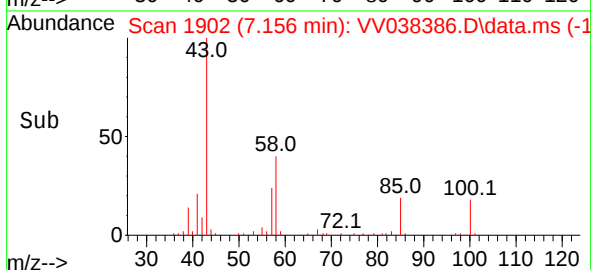
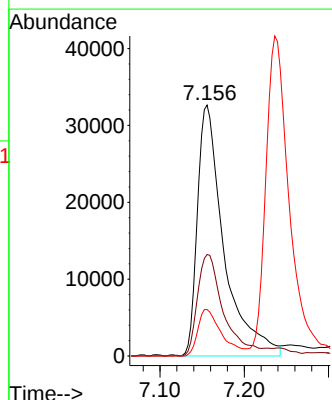
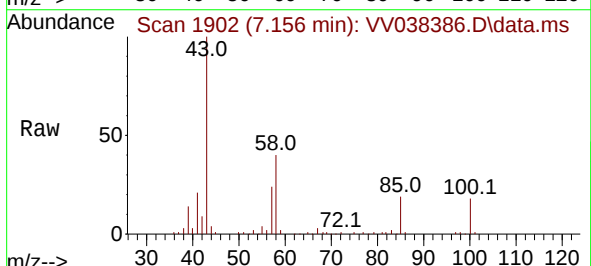
Instrument :
 MSVOA_V
 ClientSampleId :

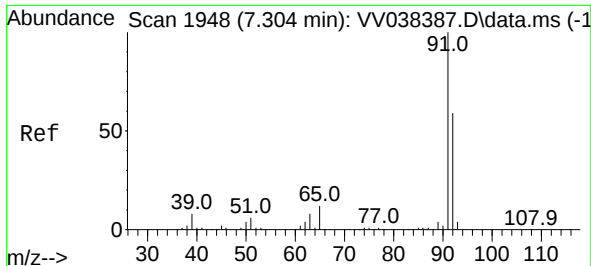
Tgt Ion: 75 Resp: 54906
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 15.806 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.010 min
 Lab File: VV038386.D
 Acq: 02 Dec 2024 11:50

Tgt Ion: 43 Resp: 71601
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.7 49.1
 100 16.7 13.7 20.5





#42

Toluene

Concen: 9.184 ug/L

RT: 7.310 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

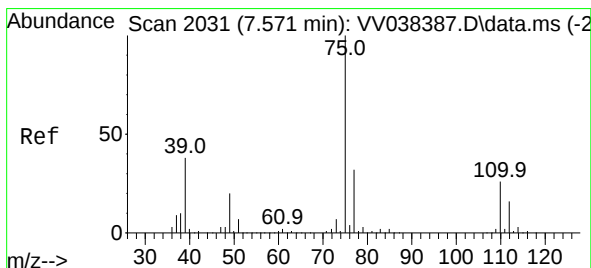
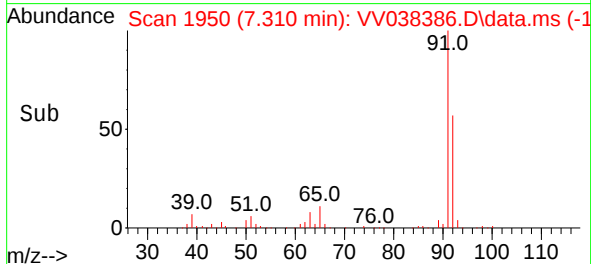
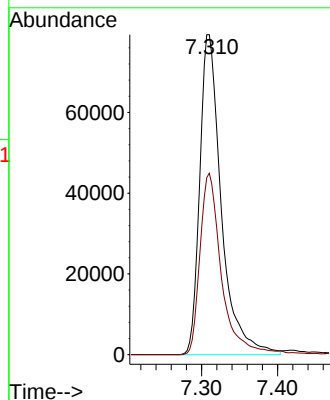
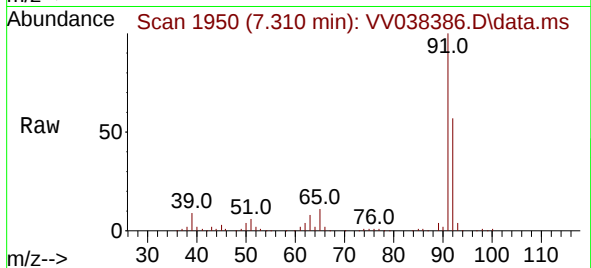
ClientSampleId :

Tgt Ion: 91 Resp: 156320

Ion Ratio Lower Upper

91 100

92 56.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 8.473 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.010 min

Lab File: VV038386.D

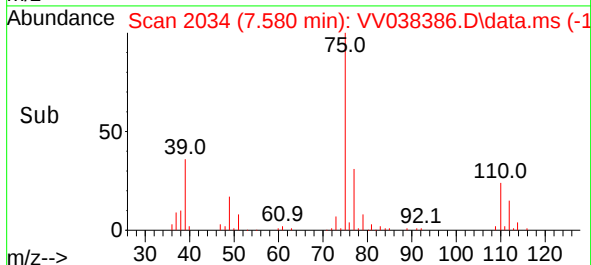
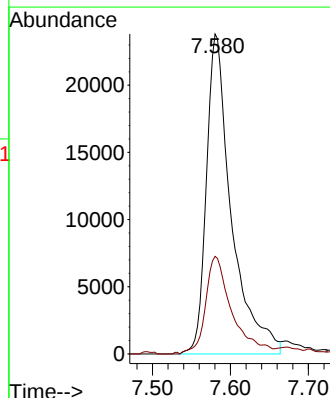
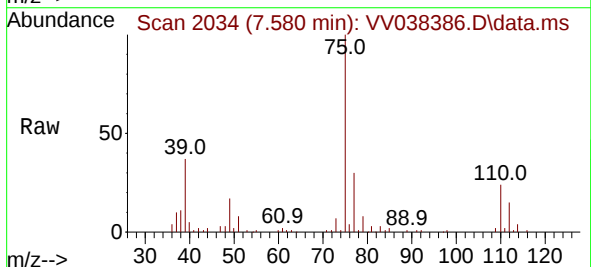
Acq: 02 Dec 2024 11:50

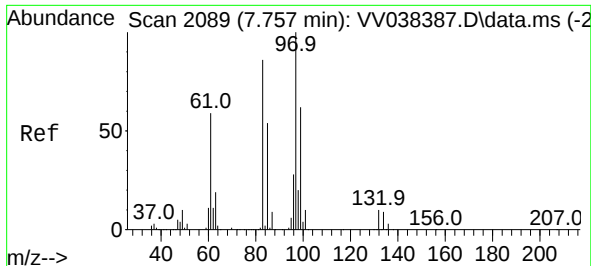
Tgt Ion: 75 Resp: 53152

Ion Ratio Lower Upper

75 100

77 30.5 22.7 42.1

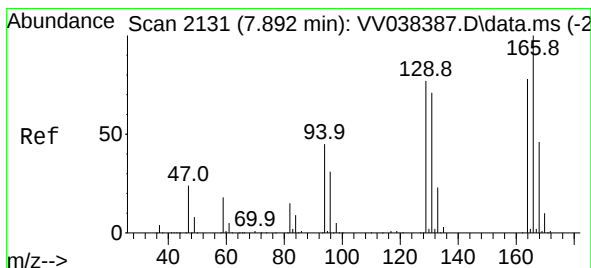
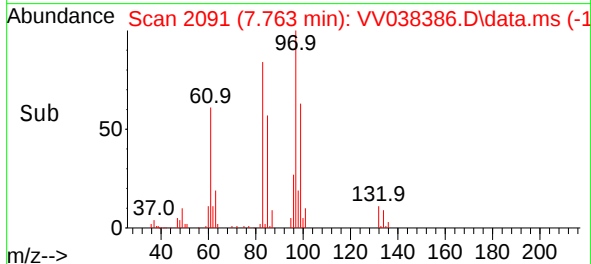
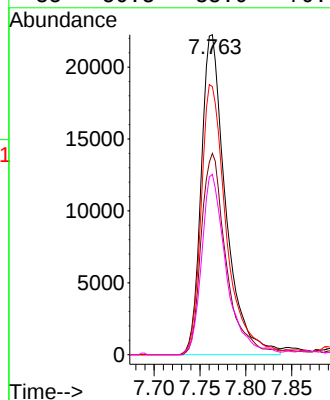
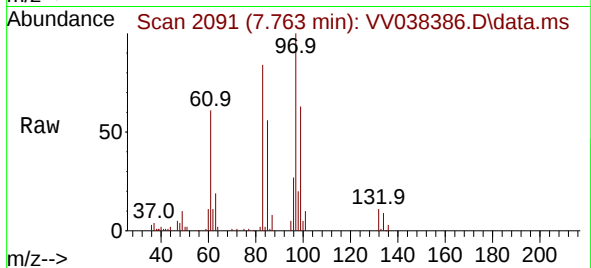




#45
1,1,2-Trichloroethane
Concen: 9.369 ug/L
RT: 7.763 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

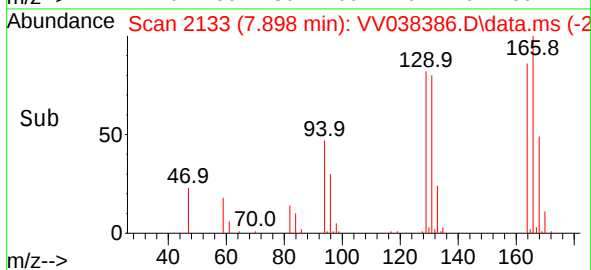
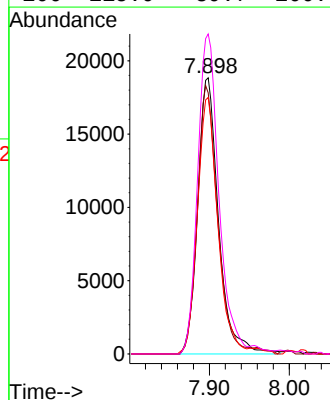
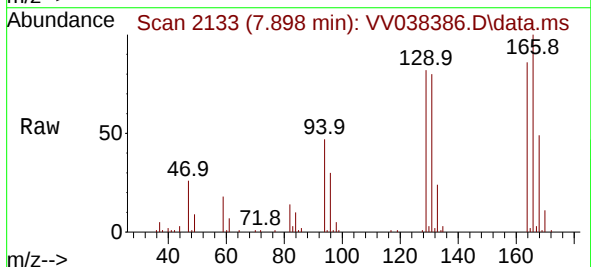
Instrument :
MSVOA_V
ClientSampleId :

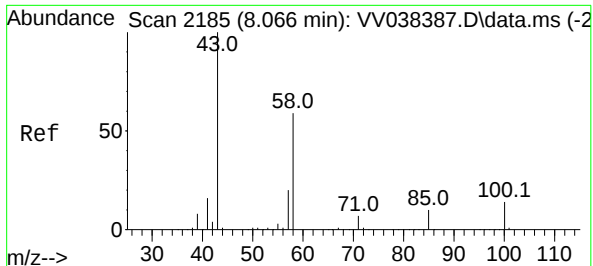
Tgt Ion:	97	Resp:	41410
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.6	81.0
83	83.8	60.5	112.5
85	56.3	38.0	70.6



#46
Tetrachloroethene
Concen: 10.110 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.006 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

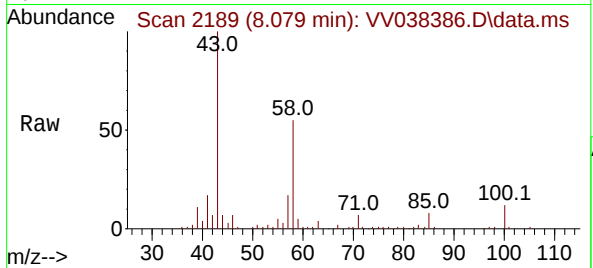
Tgt Ion:	164	Resp:	34165
Ion	Ratio	Lower	Upper
164	100		
129	94.6	69.2	128.4
131	92.9	63.1	117.3
166	115.9	89.7	166.5



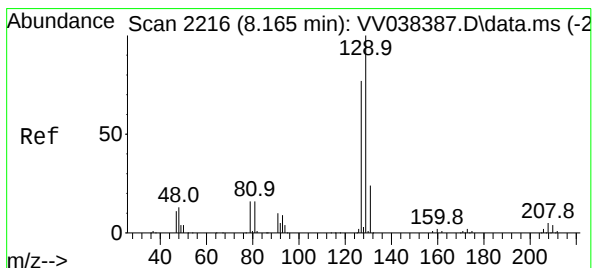
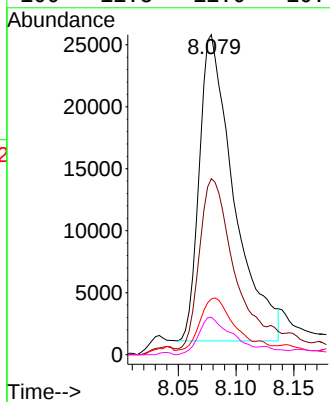
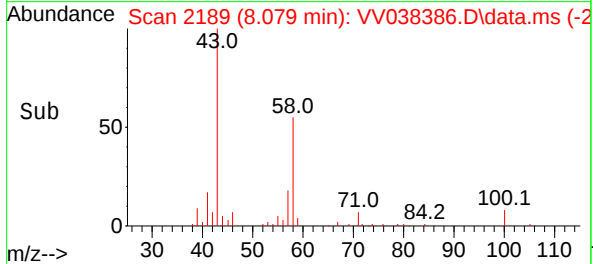


#48
2-Hexanone
Concen: 13.801 ug/L
RT: 8.079 min Scan# 2185
Delta R.T. 0.013 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Instrument :
MSVOA_V
ClientSampleId :

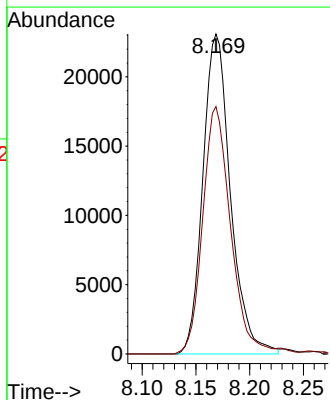
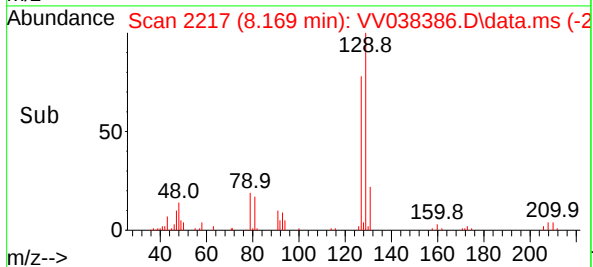
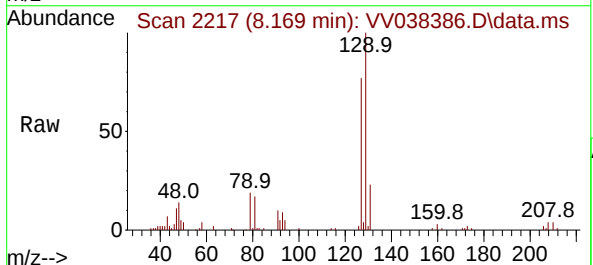


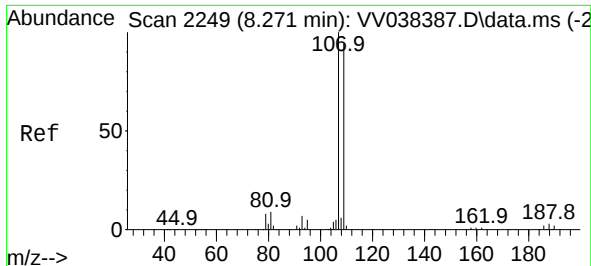
Tgt Ion: 43 Resp: 51492
Ion Ratio Lower Upper
43 100
58 54.8 48.0 72.0
57 16.4 15.5 23.3
100 11.8 11.0 16.4



#49
Dibromochloromethane
Concen: 9.059 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion: 129 Resp: 41299
Ion Ratio Lower Upper
129 100
127 77.3 53.8 100.0

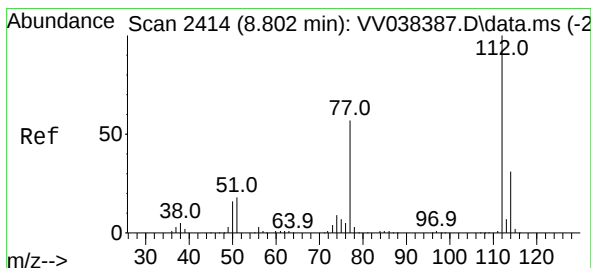
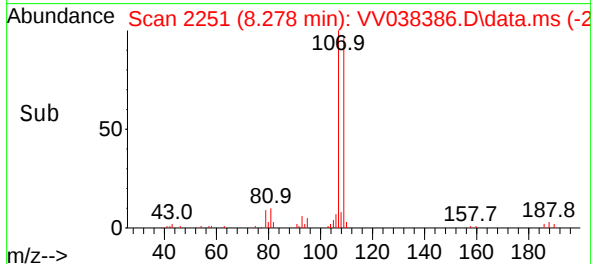
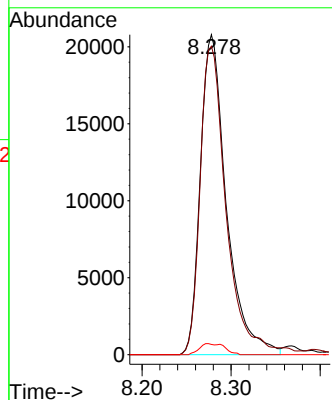
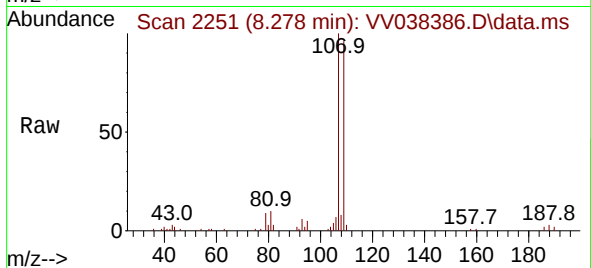




#50
1,2-Dibromoethane
Concen: 9.064 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

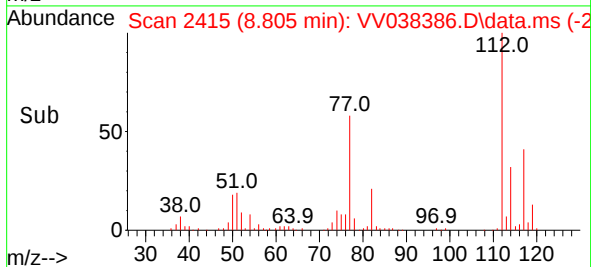
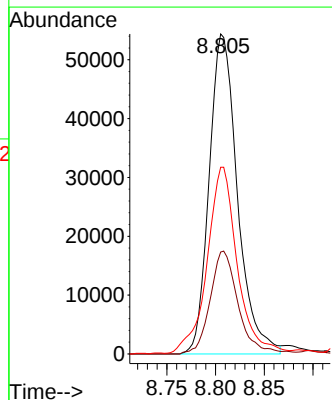
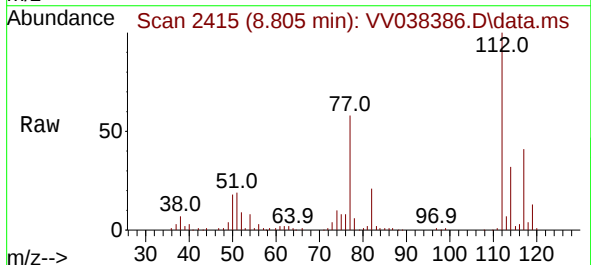
Instrument :
MSVOA_V
ClientSampleId :

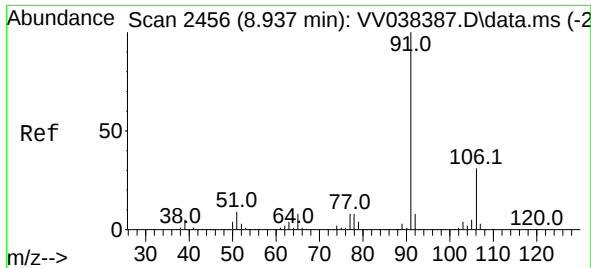
Tgt Ion:107 Resp: 42221
Ion Ratio Lower Upper
107 100
109 96.4 66.1 122.7
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 9.386 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion:112 Resp: 109771
Ion Ratio Lower Upper
112 100
114 31.8 21.9 40.7
77 58.4 45.4 68.0





#52

Ethylbenzene

Concen: 8.770 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

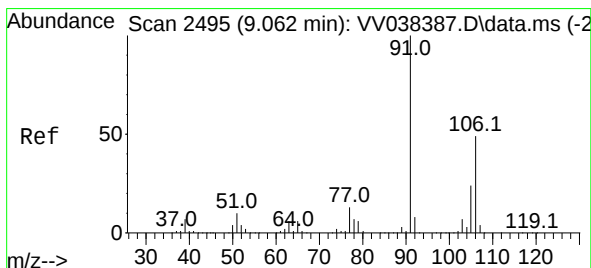
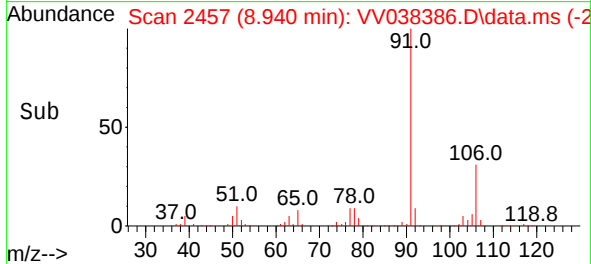
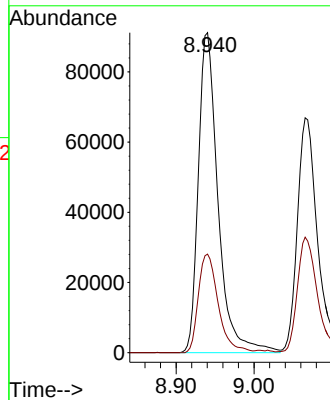
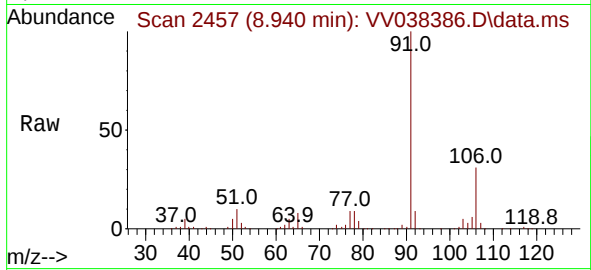
ClientSampleId :

Tgt Ion: 91 Resp: 160115

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#53

m,p-Xylene

Concen: 8.630 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038386.D

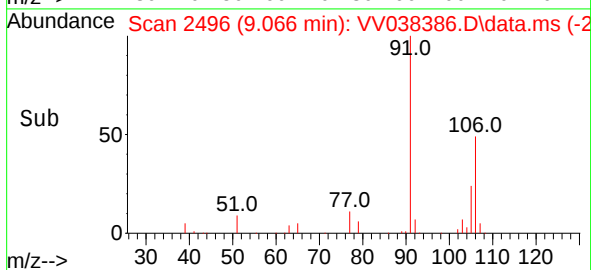
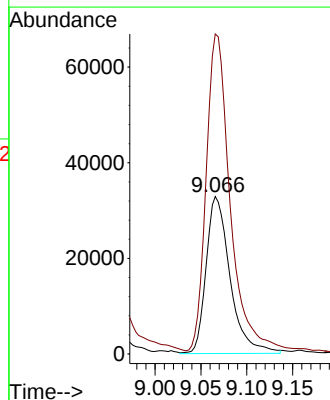
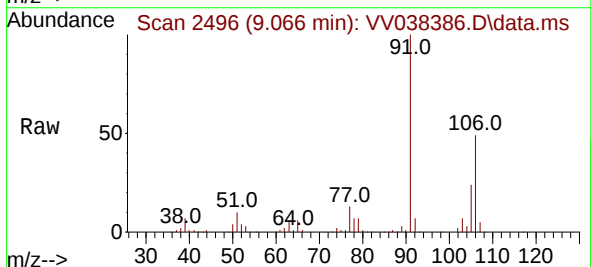
Acq: 02 Dec 2024 11:50

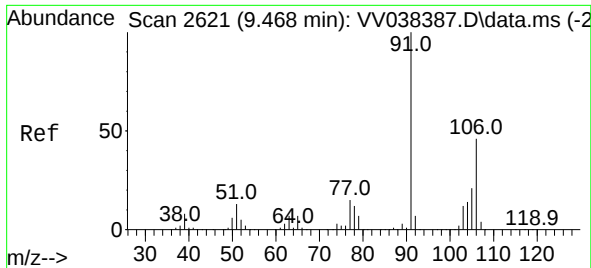
Tgt Ion:106 Resp: 59721

Ion Ratio Lower Upper

106 100

91 203.2 142.6 264.8

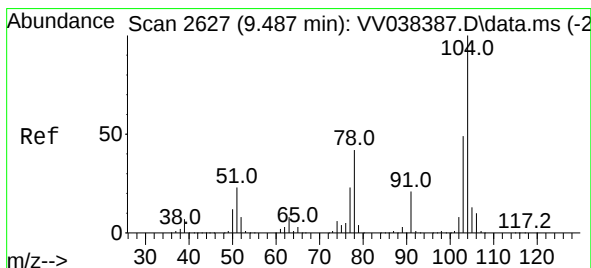
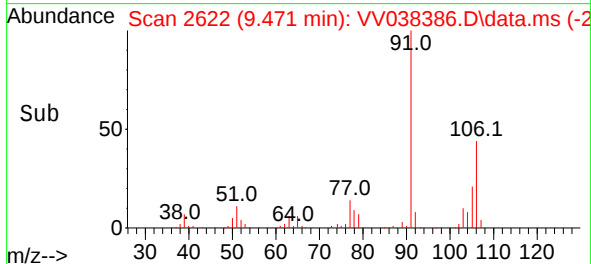
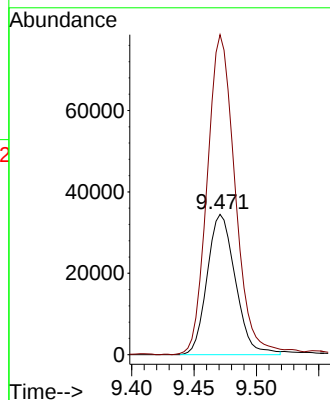
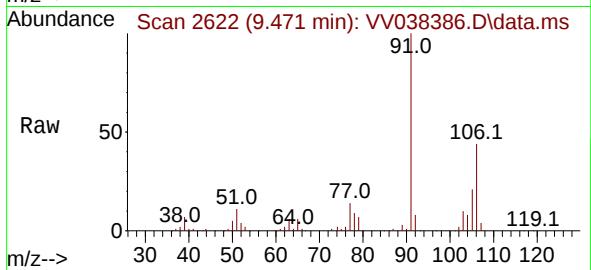




#54
o-Xylene
Concen: 8.169 ug/L
RT: 9.471 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

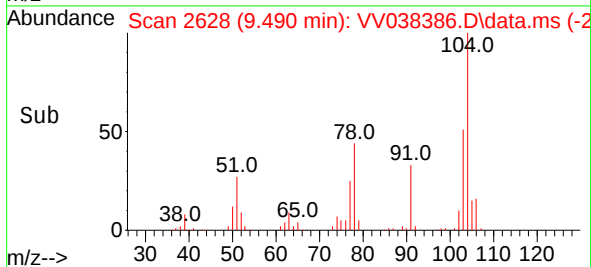
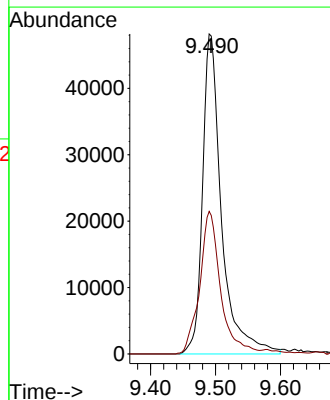
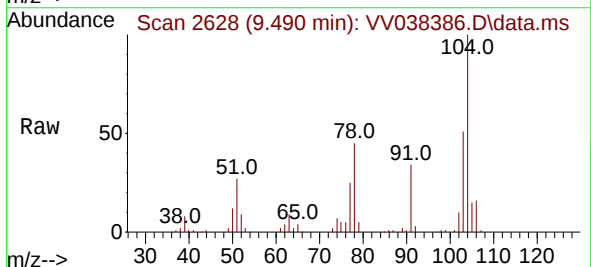
Instrument :
MSVOA_V
ClientSampleId :

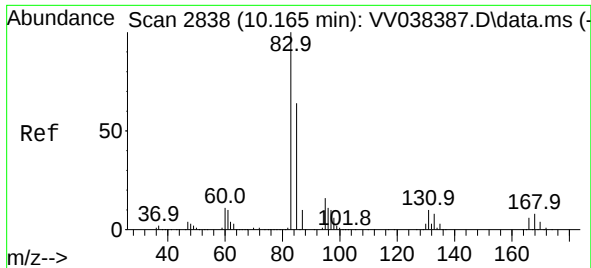
Tgt Ion:106 Resp: 54385
Ion Ratio Lower Upper
106 100
91 228.0 151.1 280.7



#55
Styrene
Concen: 8.385 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion:104 Resp: 98005
Ion Ratio Lower Upper
104 100
78 44.6 29.7 55.1

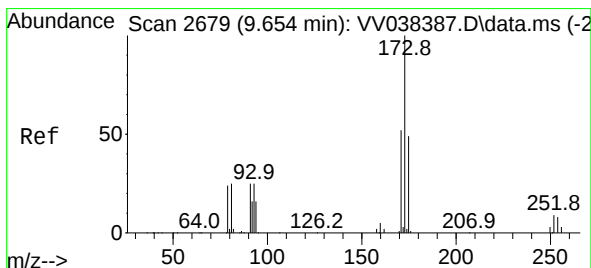
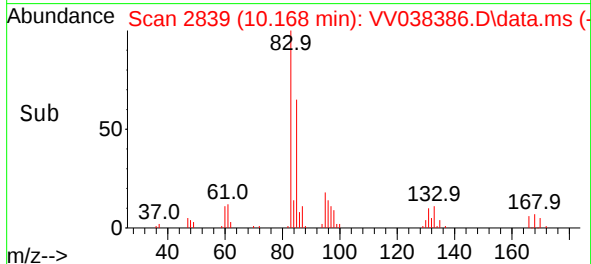
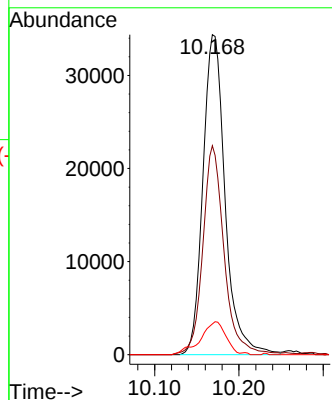
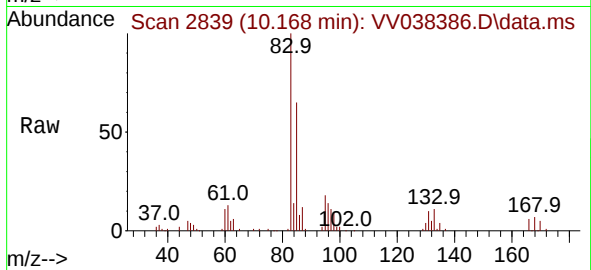




#57
1,1,2,2-Tetrachloroethane
Concen: 9.168 ug/L
RT: 10.168 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

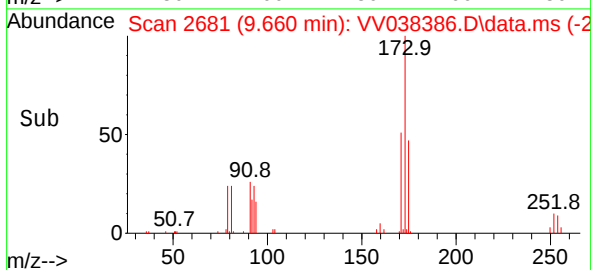
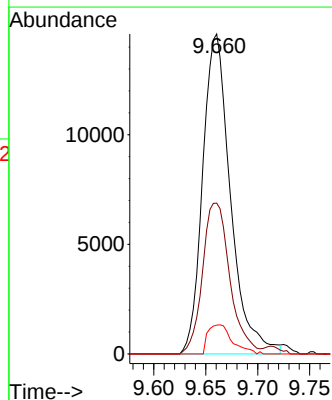
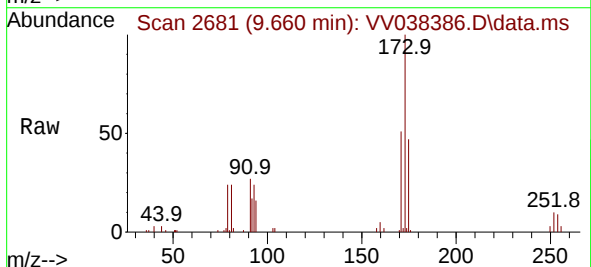
Instrument :
MSVOA_V
ClientSampleId :

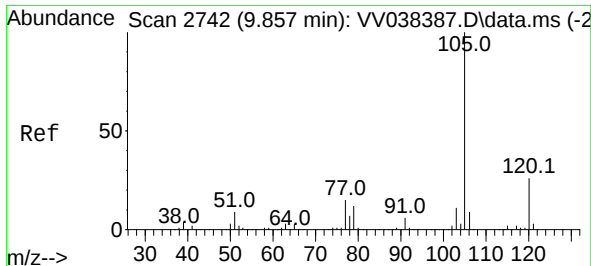
Tgt Ion: 83 Resp: 62948
Ion Ratio Lower Upper
83 100
85 65.3 44.7 82.9
131 9.6 8.0 12.0



#59
Bromoform
Concen: 9.033 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. 0.006 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion: 173 Resp: 27158
Ion Ratio Lower Upper
173 100
175 46.4 38.8 58.2
254 7.9 6.9 10.3

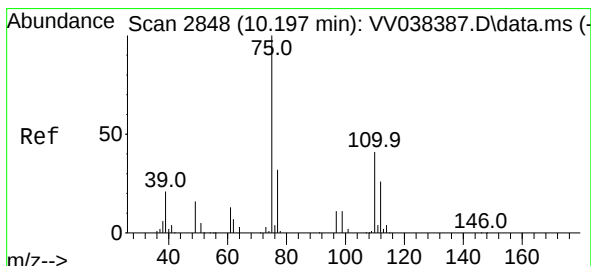
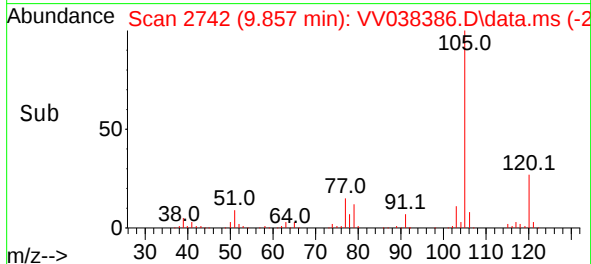
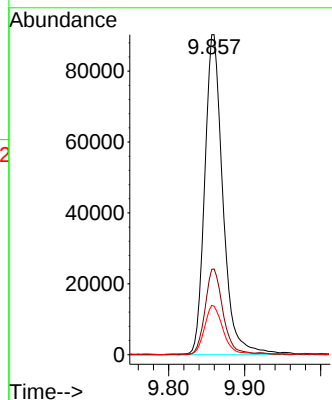
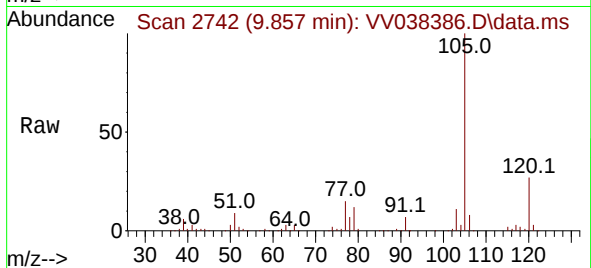




#60
Isopropylbenzene
Concen: 8.761 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

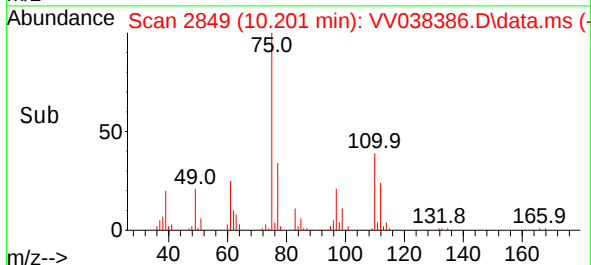
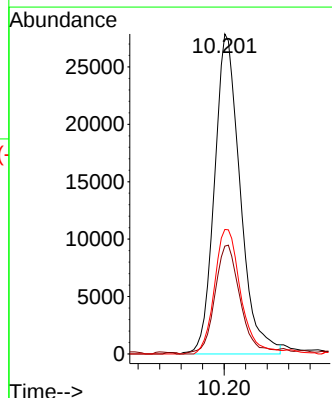
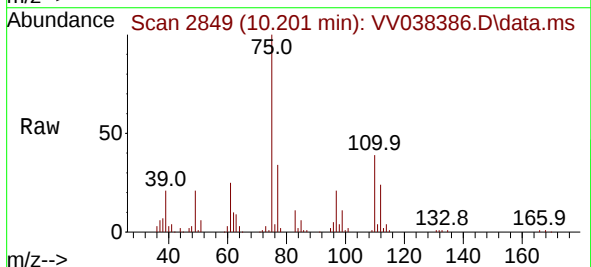
Instrument :
MSVOA_V
ClientSampleId :

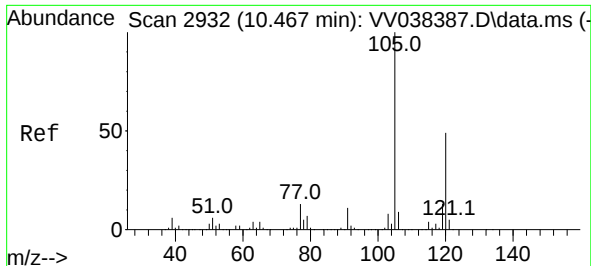
Tgt Ion:105 Resp: 149833
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.4
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 9.497 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

Tgt Ion: 75 Resp: 46238
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6
110 39.5 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 8.066 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

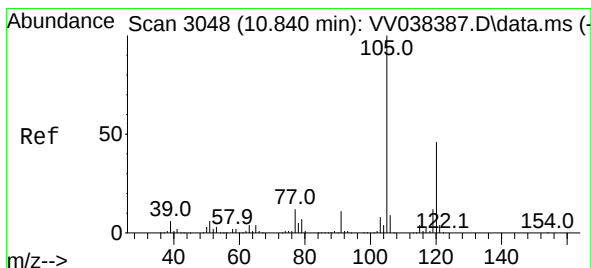
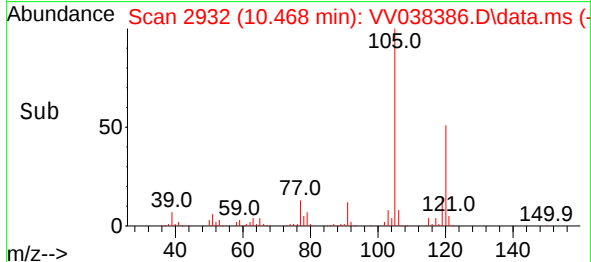
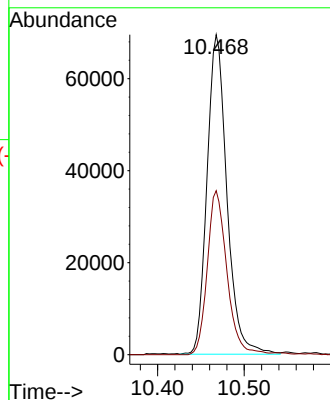
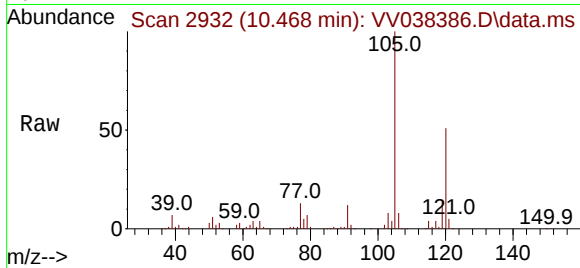
ClientSampleId :

Tgt Ion:105 Resp: 110686

Ion Ratio Lower Upper

105 100

120 50.6 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 7.987 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VV038386.D

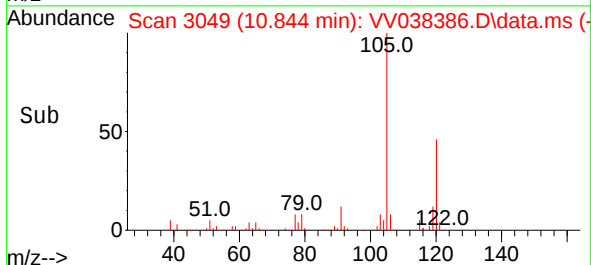
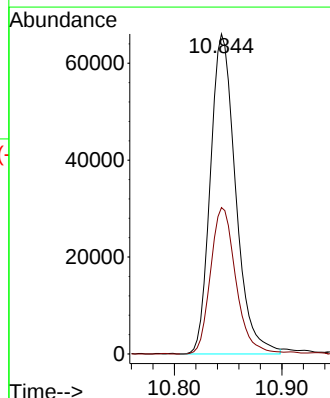
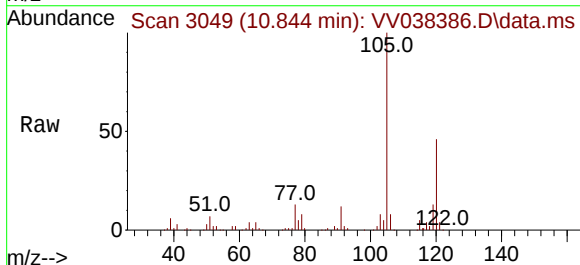
Acq: 02 Dec 2024 11:50

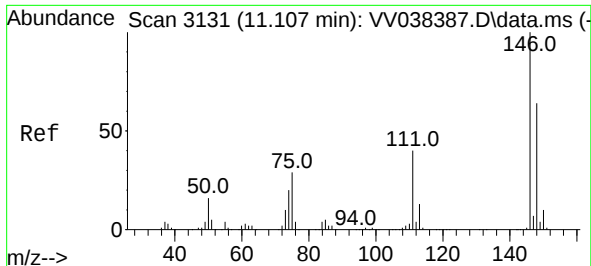
Tgt Ion:105 Resp: 107744

Ion Ratio Lower Upper

105 100

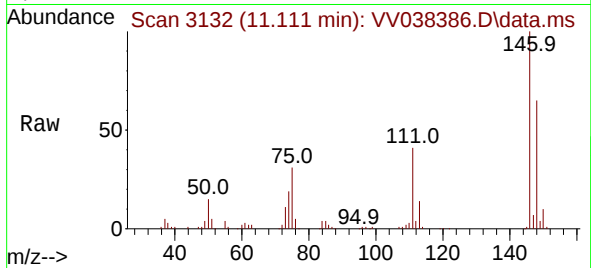
120 45.9 36.6 55.0



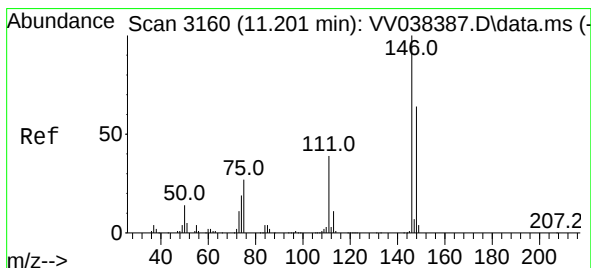
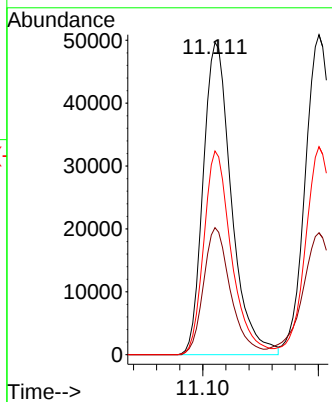
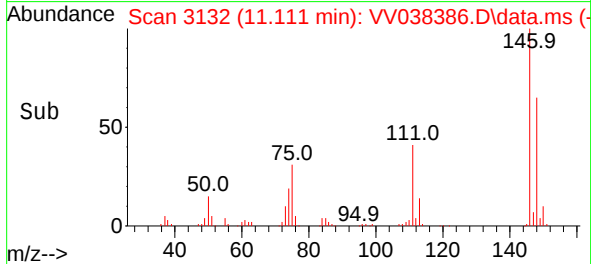


#64
1,3-Dichlorobenzene
Concen: 9.624 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

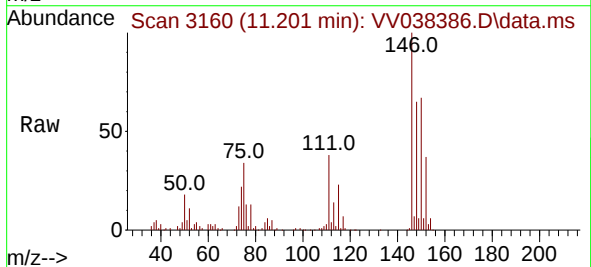
Instrument :
MSVOA_V
ClientSampleId :



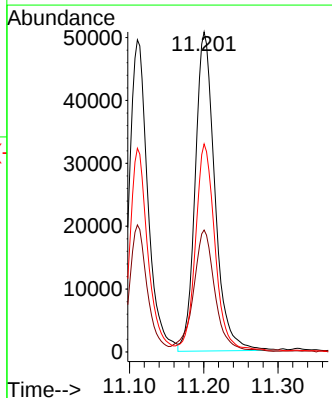
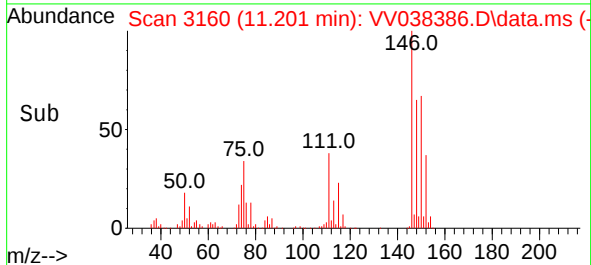
Tgt Ion:146 Resp: 84481
Ion Ratio Lower Upper
146 100
111 40.7 27.8 51.6
148 65.3 45.1 83.7

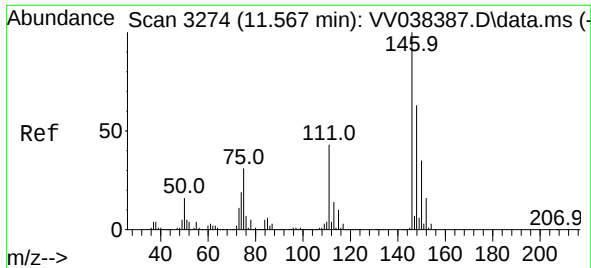


#65
1,4-Dichlorobenzene
Concen: 10.012 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50



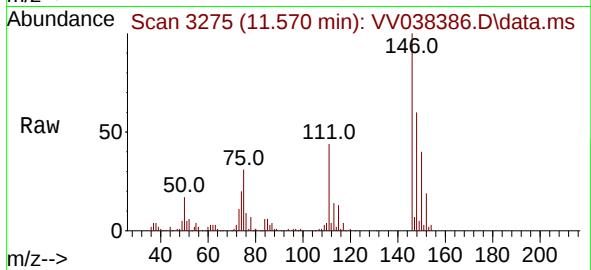
Tgt Ion:146 Resp: 93427
Ion Ratio Lower Upper
146 100
111 38.1 27.6 51.4
148 65.0 44.9 83.3



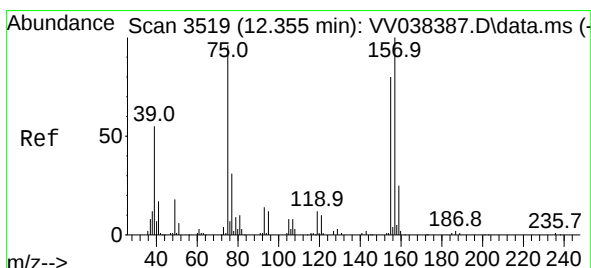
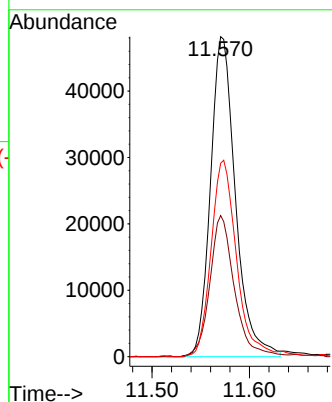
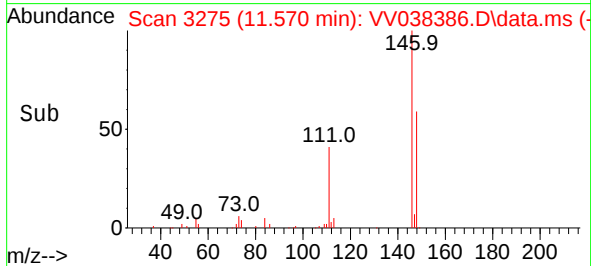


#67
1,2-Dichlorobenzene
Concen: 9.587 ug/L
RT: 11.570 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50

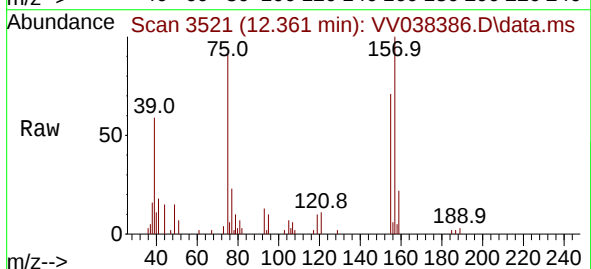
Instrument :
MSVOA_V
ClientSampleId :



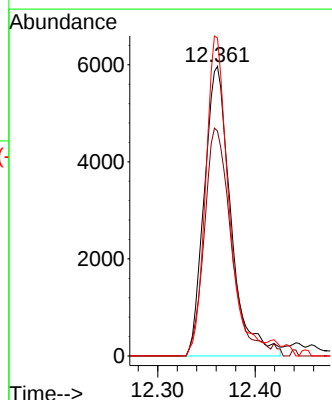
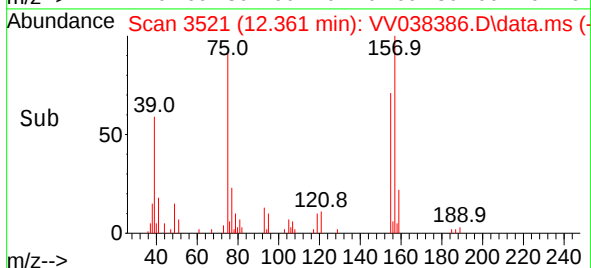
Tgt Ion:146 Resp: 85799
Ion Ratio Lower Upper
146 100
111 44.1 34.2 51.2
148 60.4 50.5 75.7

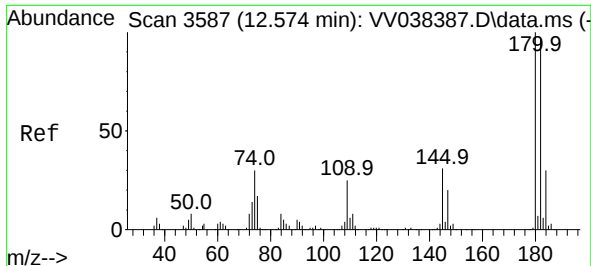


#68
1,2-Dibromo-3-chloropropane
Concen: 8.790 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.006 min
Lab File: VV038386.D
Acq: 02 Dec 2024 11:50



Tgt Ion: 75 Resp: 11279
Ion Ratio Lower Upper
75 100
155 77.7 66.8 100.2
157 109.8 83.4 125.2





#69

1,3,5-Trichlorobenzene

Concen: 9.228 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

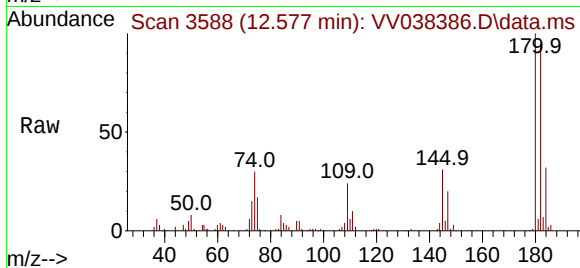
Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 55253

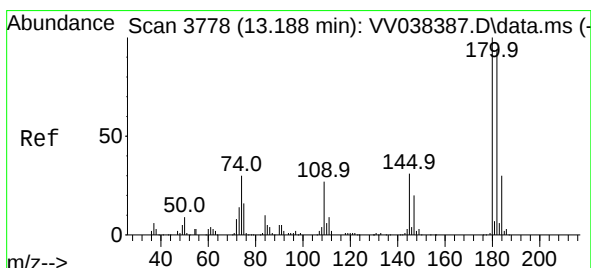
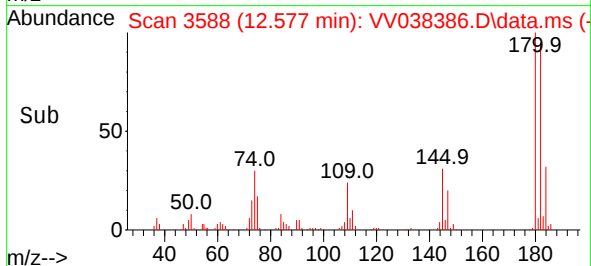
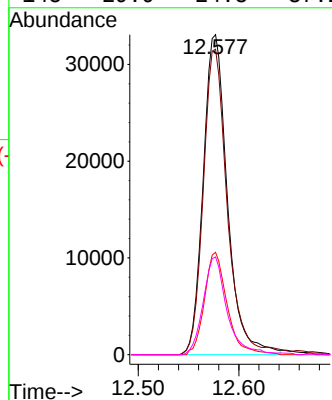
Ion Ratio Lower Upper

180 100

182 93.5 76.2 114.4

184 30.0 23.8 35.6

145 29.9 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 8.178 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.006 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

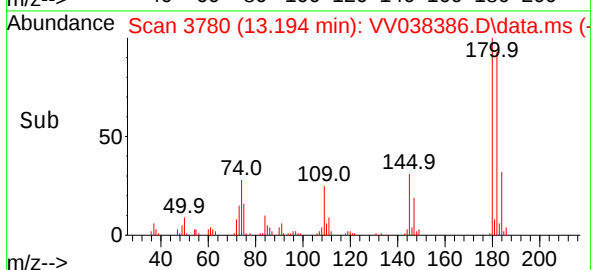
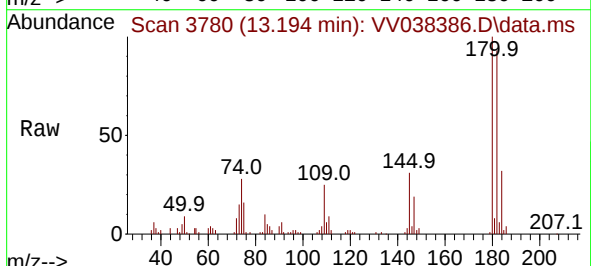
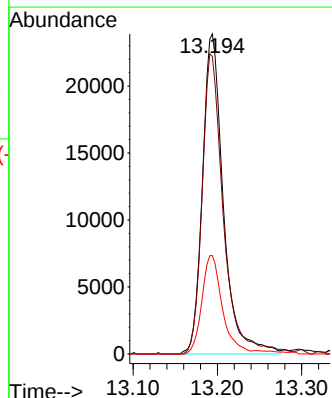
Tgt Ion:180 Resp: 41254

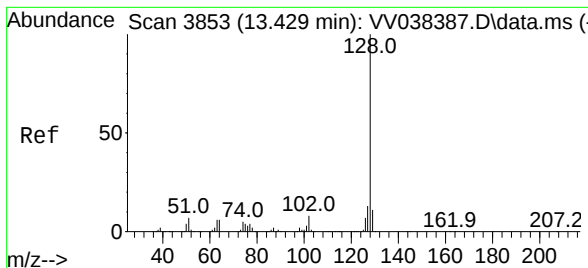
Ion Ratio Lower Upper

180 100

182 92.9 76.2 114.2

145 29.9 24.7 37.1





#71

Naphthalene

Concen: 6.321 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.006 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Instrument :

MSVOA_V

ClientSampleId :

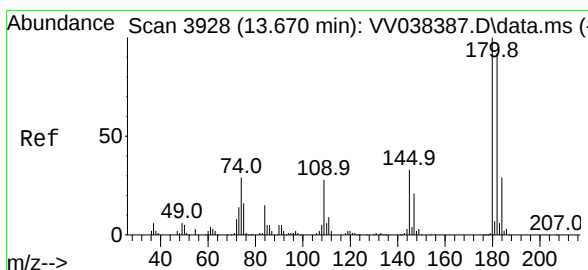
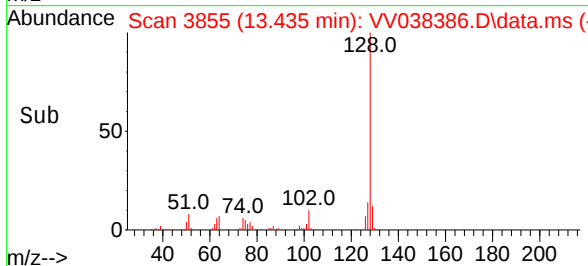
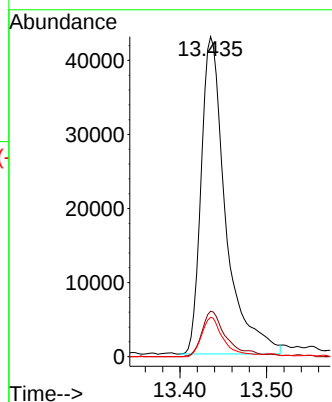
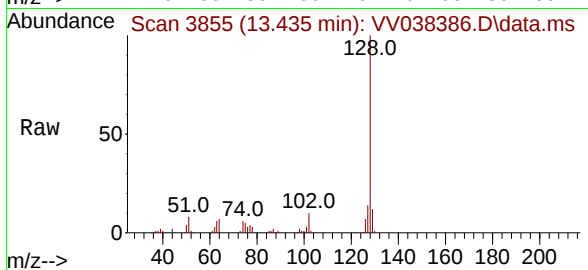
Tgt Ion:128 Resp: 84315

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 8.049 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV038386.D

Acq: 02 Dec 2024 11:50

Tgt Ion:180 Resp: 39835

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

145 32.7 27.1 40.7

