

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101524\
 Data File : VV037861.D
 Acq On : 15 Oct 2024 09:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 03:23:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 02:19:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	600206	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	602898	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	333699	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	240264	45.601	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.200%
7) Chloroethane-d5	1.532	69	202508	49.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.040%
11) 1,1-Dichloroethene-d2	2.060	65	106529	48.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.780%
21) 2-Butanone-d5	3.790	46	128214	68.320	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.320%
24) Chloroform-d	4.240	84	468498	49.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	4.931	65	266747	48.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
32) Benzene-d6	4.947	84	915158	48.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
36) 1,2-Dichloropropane-d6	5.979	67	284976	47.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.880%
41) Toluene-d8	7.233	98	854583	49.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
43) trans-1,3-Dichloroprop...	7.545	79	126605	45.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.740%
47) 2-Hexanone-d5	8.021	63	94816	74.745	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.740%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	294001	42.119	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.240%
66) 1,2-Dichlorobenzene-d4	11.551	152	313568	44.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	244372	47.826	ug/L	99
3) Chloromethane	1.221	50	242417	48.868	ug/L	100
5) Vinyl chloride	1.285	62	258479	48.603	ug/L	99
6) Bromomethane	1.491	94	154620	52.390	ug/L	99
8) Chloroethane	1.552	64	168370	51.366	ug/L	98
9) Trichlorofluoromethane	1.716	101	379177	52.968	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	234875	54.907	ug/L	100
12) 1,1-Dichloroethene	2.069	96	208345	52.140	ug/L	89
13) Acetone	2.111	43	153033	83.184	ug/L	99
14) Carbon disulfide	2.240	76	564468	45.256	ug/L	100
15) Methyl Acetate	2.372	43	157002	48.902	ug/L	100
16) Methylene chloride	2.442	84	238143	52.635	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	220327	52.121	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	630126	51.956	ug/L	100
19) 1,1-Dichloroethane	3.105	63	435430	53.762	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	244889	51.768	ug/L	99
22) 2-Butanone	3.870	43	168693	82.845	ug/L	96
23) Bromochloromethane	4.137	128	130576	53.362	ug/L	98
25) Chloroform	4.265	83	457260	54.529	ug/L	99

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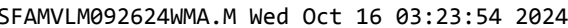
Instrument :
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 ClientSampleId :

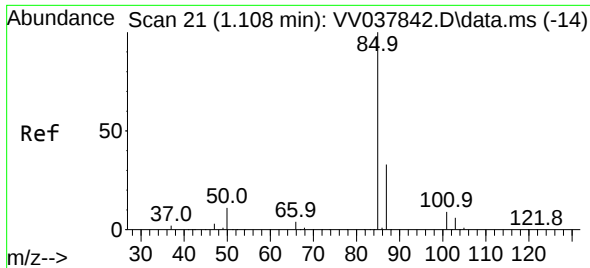
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	314251	53.084	ug/L	100
29) Cyclohexane	4.571	56	316830	46.284	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	386459	52.045	ug/L	99
31) Carbon tetrachloride	4.722	117	337380	52.260	ug/L	99
33) Benzene	4.998	78	941017	51.753	ug/L	100
34) Trichloroethene	5.822	95	241451	49.863	ug/L	99
35) Methylcyclohexane	6.040	83	362958	48.724	ug/L	99
37) 1,2-Dichloropropane	6.082	63	247908	52.799	ug/L	99
38) Bromodichloromethane	6.423	83	336457	53.605	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	377050	50.307	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	341107	89.226	ug/L	99
42) Toluene	7.304	91	1006921	53.418	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	343071	50.842	ug/L	100
45) 1,1,2-Trichloroethane	7.757	97	235274	52.185	ug/L	98
46) Tetrachloroethene	7.895	164	186814	50.460	ug/L	99
48) 2-Hexanone	8.069	43	251712	84.676	ug/L	100
49) Dibromochloromethane	8.166	129	252977	53.017	ug/L	98
50) 1,2-Dibromoethane	8.272	107	231216	49.613	ug/L	98
51) Chlorobenzene	8.805	112	667359	51.965	ug/L	99
52) Ethylbenzene	8.937	91	1104068	52.034	ug/L	100
53) m,p-Xylene	9.063	106	429379	54.374	ug/L	99
54) o-Xylene	9.468	106	409254	53.084	ug/L	97
55) Styrene	9.487	104	753297	56.127	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	304556	48.452	ug/L	98
59) Bromoform	9.654	173	163160	50.026	ug/L	97
60) Isopropylbenzene	9.857	105	1116976	51.485	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	222834	46.928	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	882080	51.426	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	885259	51.873	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	541016	51.809	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	562302	51.712	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	528465	51.192	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	48089	41.720	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	355895	49.560	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	312906	46.964	ug/L	99
71) Naphthalene	13.429	128	716274	41.148	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	309049	46.971	ug/L	99

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

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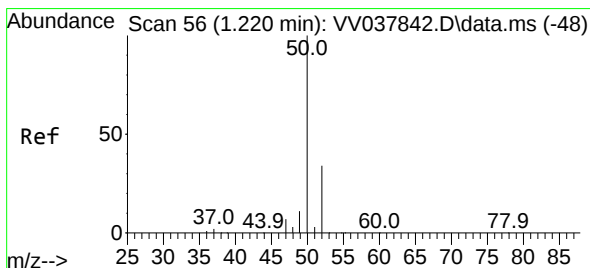
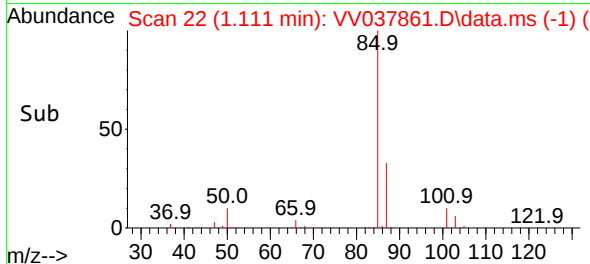
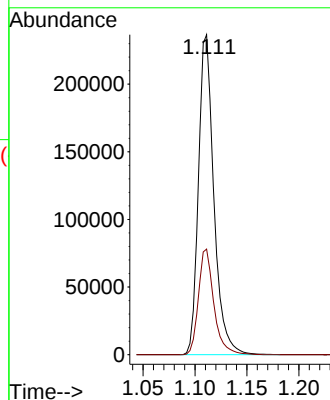
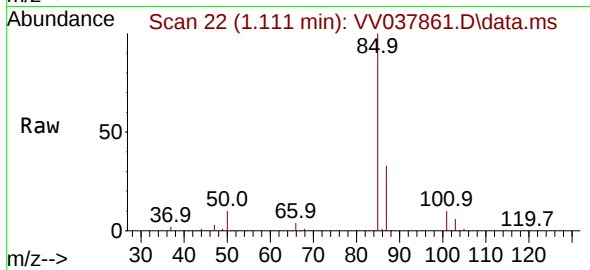




#2
 Dichlorodifluoromethane
 Concen: 47.826 ug/L
 RT: 1.111 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037861.D
 Acq: 15 Oct 2024 09:17

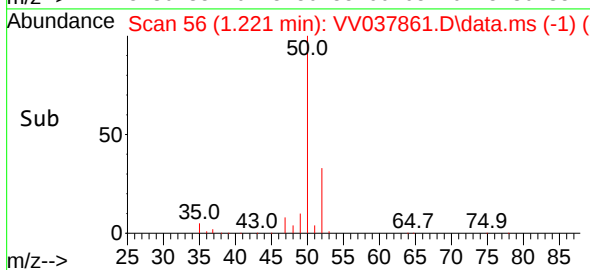
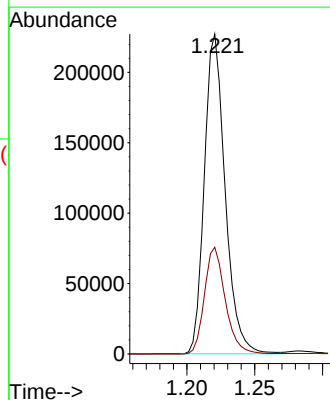
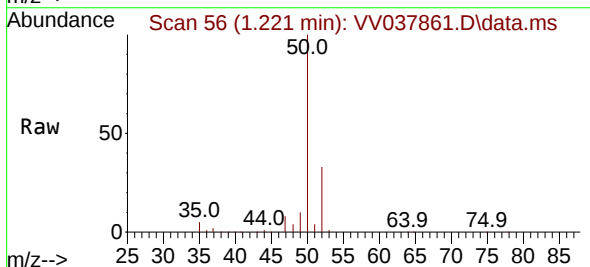
Instrument :
 MSVOA_V
 ClientSampleId :

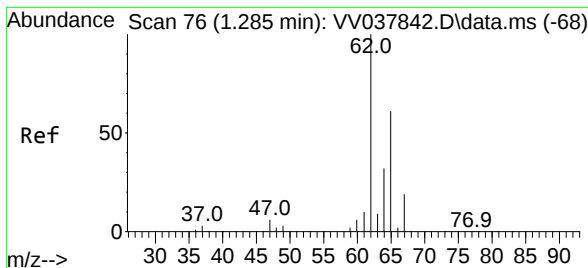
Tgt Ion: 85 Resp: 244372
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8



#3
 Chloromethane
 Concen: 48.868 ug/L
 RT: 1.221 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VV037861.D
 Acq: 15 Oct 2024 09:17

Tgt Ion: 50 Resp: 242417
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

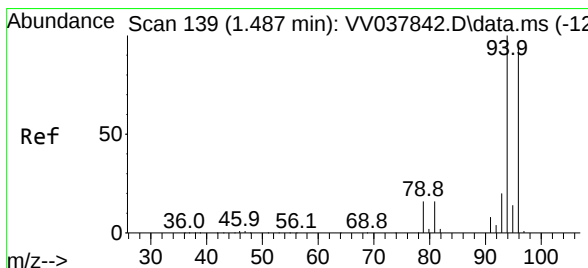
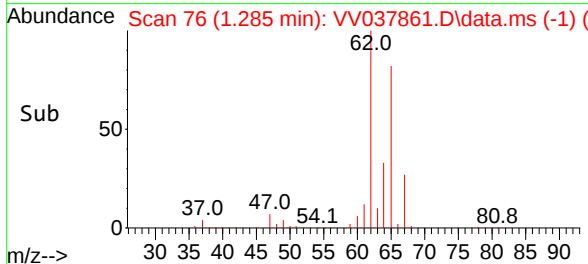
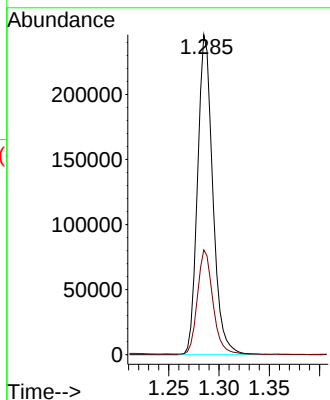
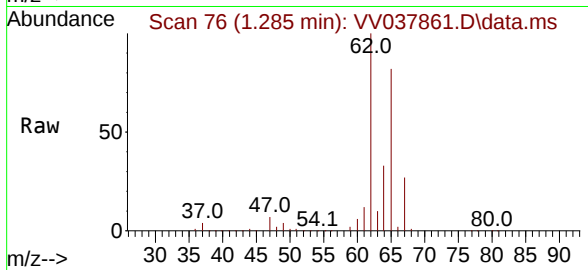




#5
 Vinyl chloride
 Concen: 48.603 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV037861.D
 Acq: 15 Oct 2024 09:17

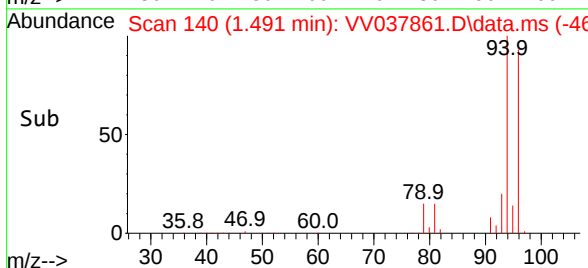
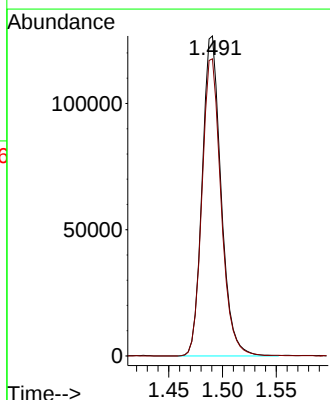
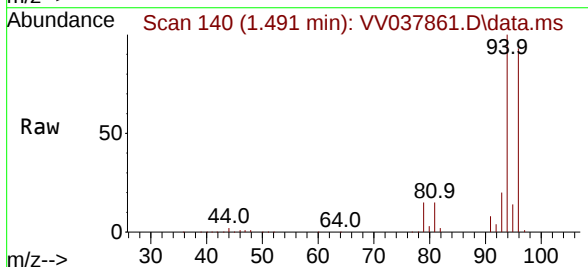
Instrument :
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 ClientSampleId :

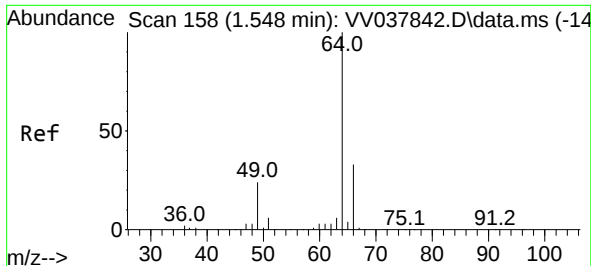
Tgt Ion: 62 Resp: 258479
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 52.390 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV037861.D
 Acq: 15 Oct 2024 09:17

Tgt Ion: 94 Resp: 154620
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.8 122.2

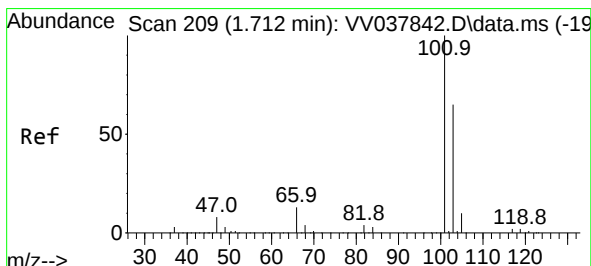
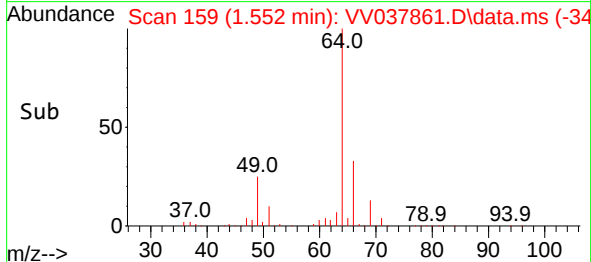
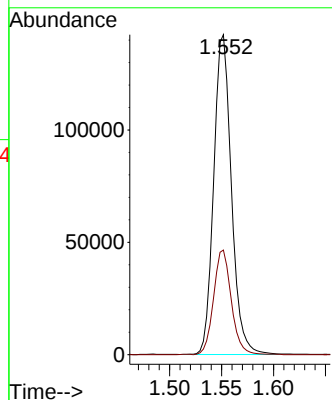
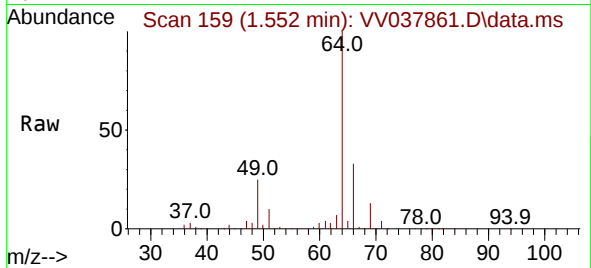




#8
Chloroethane
Concen: 51.366 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

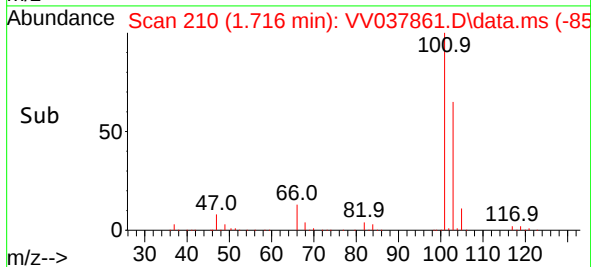
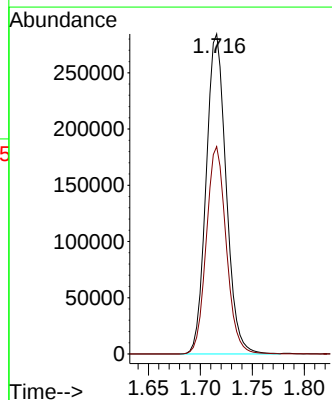
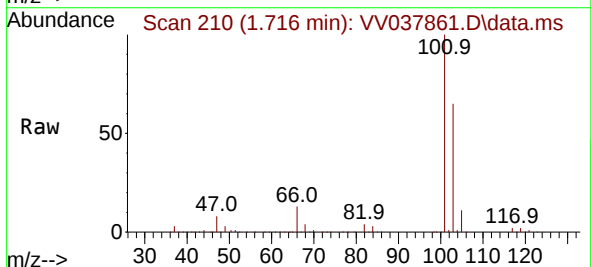
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ClientSampleId :

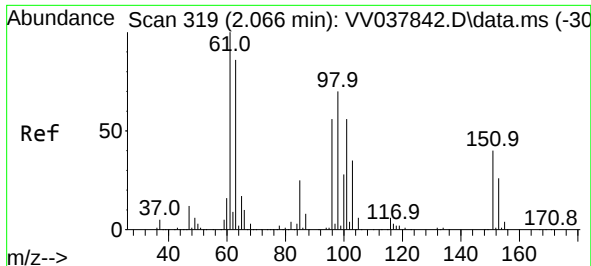
Tgt Ion: 64 Resp: 168370
Ion Ratio Lower Upper
64 100
66 32.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 52.968 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion:101 Resp: 379177
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

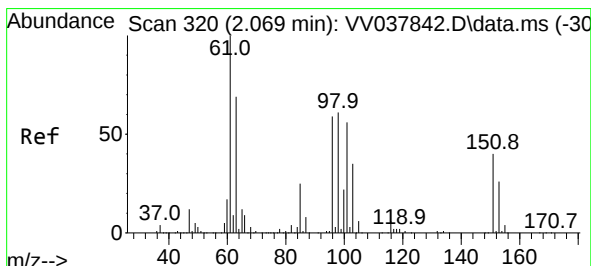
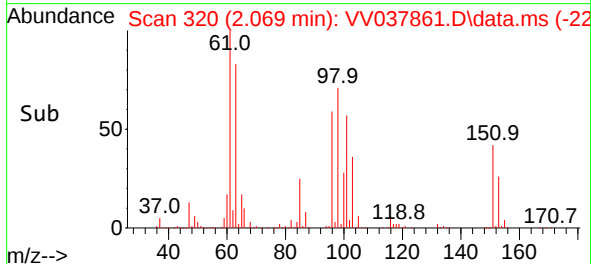
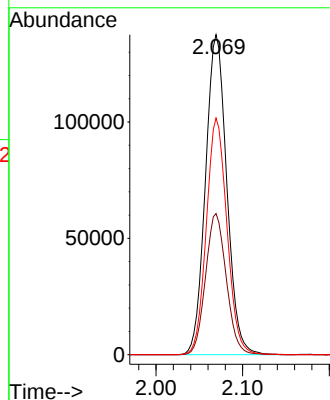
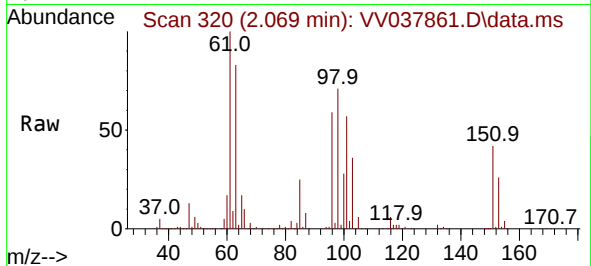




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.907 ug/L
 RT: 2.069 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV037861.D
 Acq: 15 Oct 2024 09:17

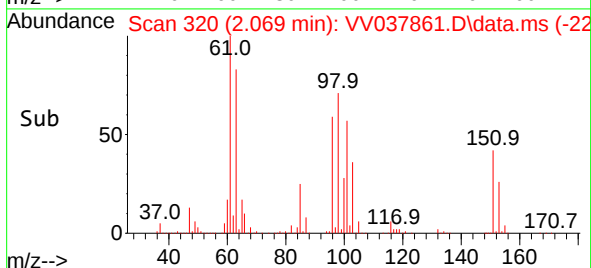
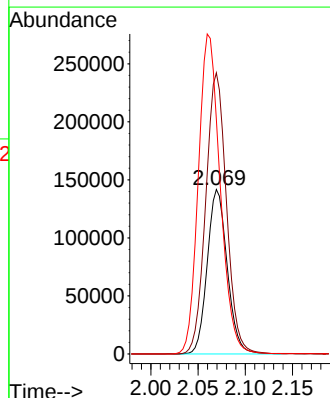
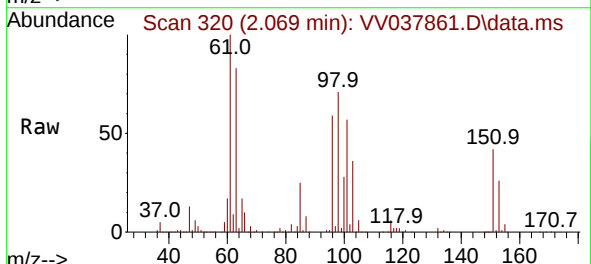
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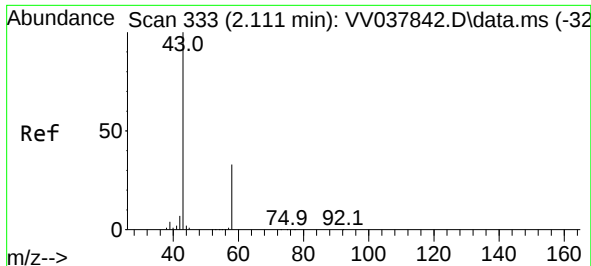
Tgt Ion:101 Resp: 234875
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.6 52.0
 151 71.7 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 52.140 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037861.D
 Acq: 15 Oct 2024 09:17

Tgt Ion: 96 Resp: 208345
 Ion Ratio Lower Upper
 96 100
 61 170.9 122.6 227.6
 63 142.6 118.0 219.2





#13

Acetone

Concen: 83.184 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

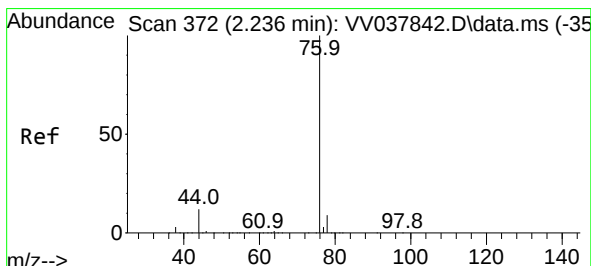
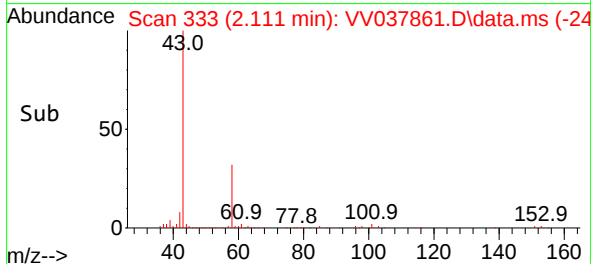
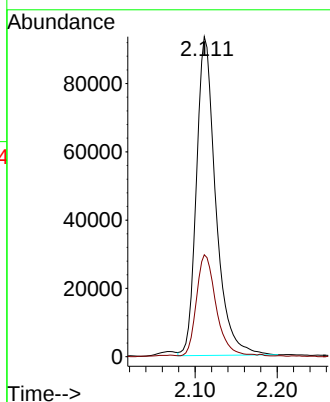
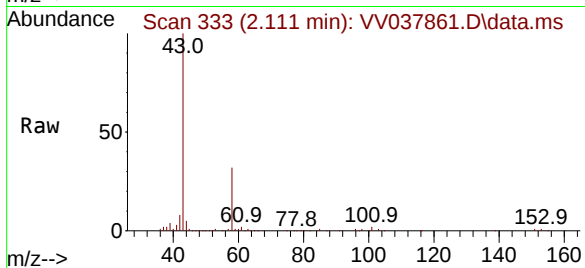
ClientSampleId :

Tgt Ion: 43 Resp: 153033

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.6



#14

Carbon disulfide

Concen: 45.256 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037861.D

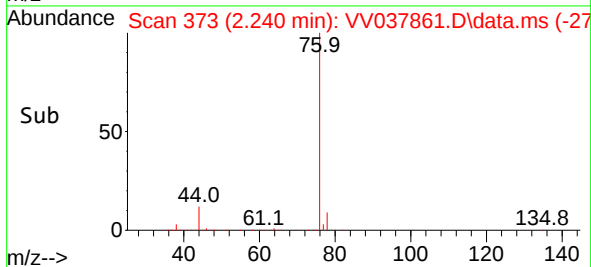
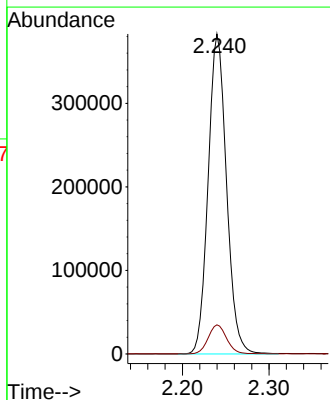
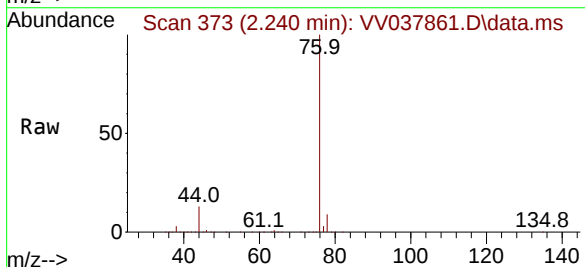
Acq: 15 Oct 2024 09:17

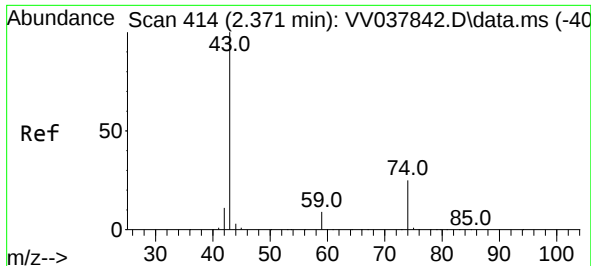
Tgt Ion: 76 Resp: 564468

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

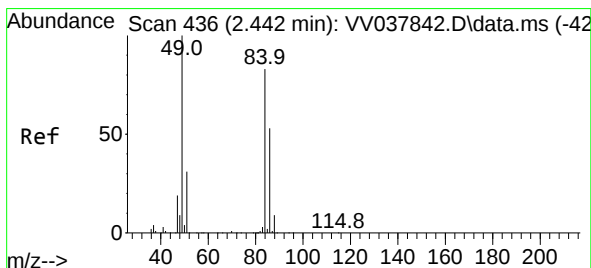
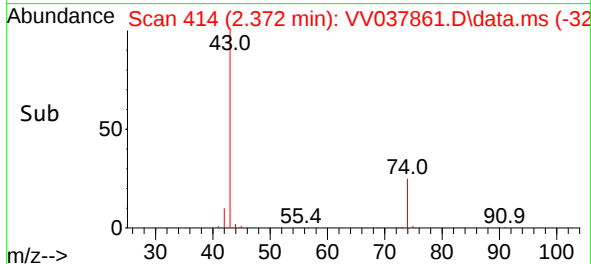
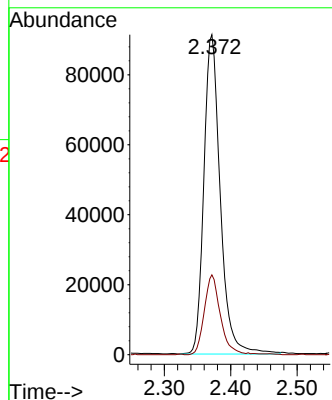
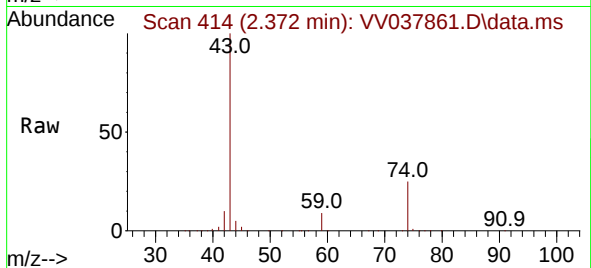




#15
Methyl Acetate
Concen: 48.902 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

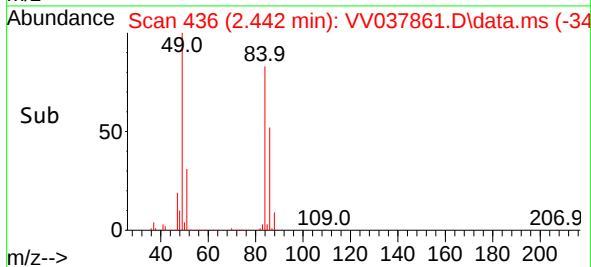
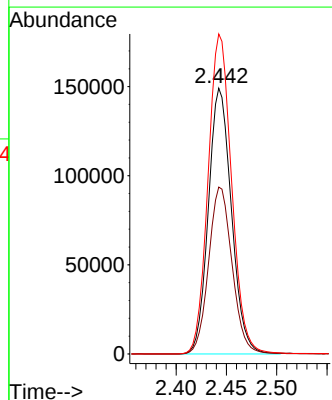
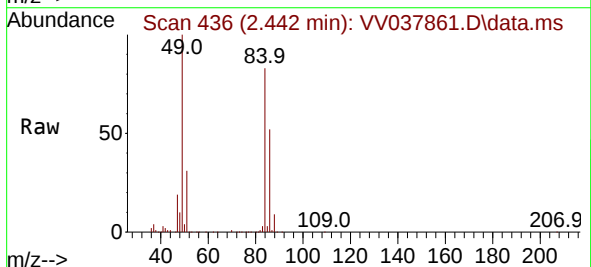
Instrument :
MSVOA_V
ClientSampleId :

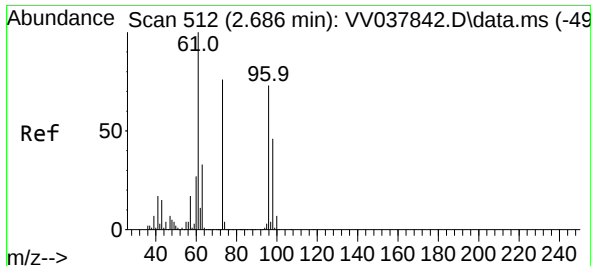
Tgt Ion: 43 Resp: 157002
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.0



#16
Methylene chloride
Concen: 52.635 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

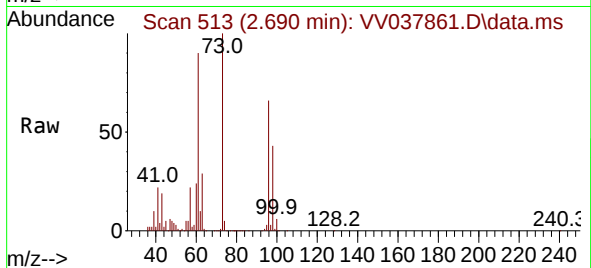
Tgt Ion: 84 Resp: 238143
Ion Ratio Lower Upper
84 100
86 62.8 46.4 86.2
49 120.4 85.9 159.5





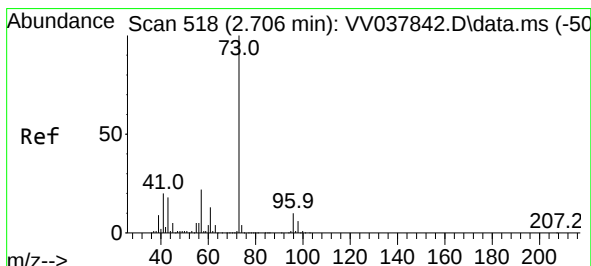
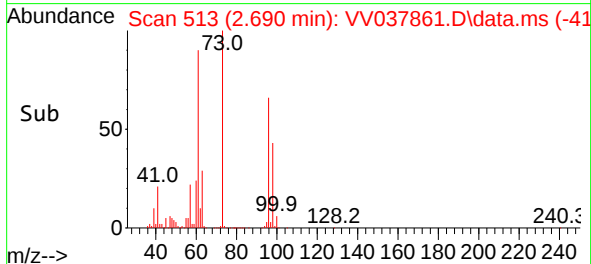
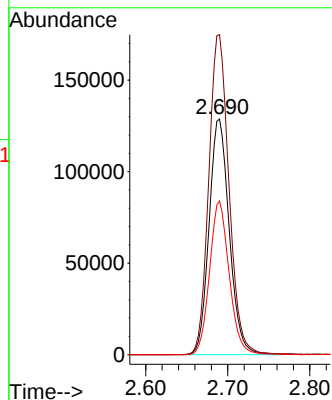
#17
trans-1,2-Dichloroethene
Concen: 52.121 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 220327

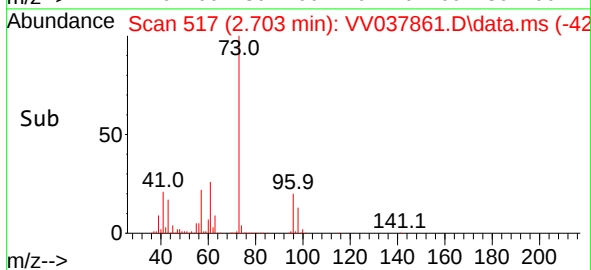
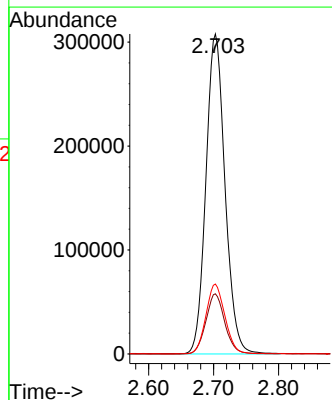
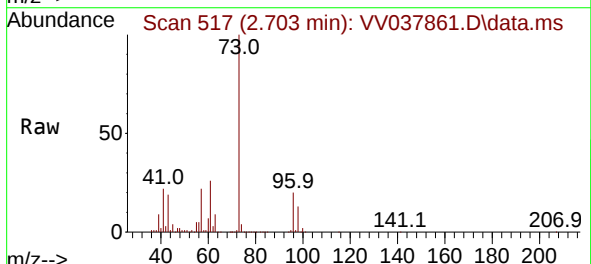
Ion	Ratio	Lower	Upper
96	100		
61	135.8	97.3	180.7
98	65.2	43.9	81.5

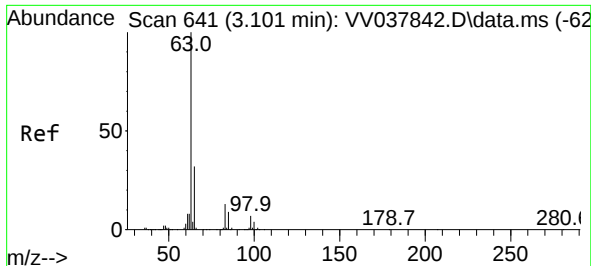


#18
Methyl tert-butyl Ether
Concen: 51.956 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion: 73 Resp: 630126

Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.1	22.7
57	21.8	17.4	26.2





#19

1,1-Dichloroethane

Concen: 53.762 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

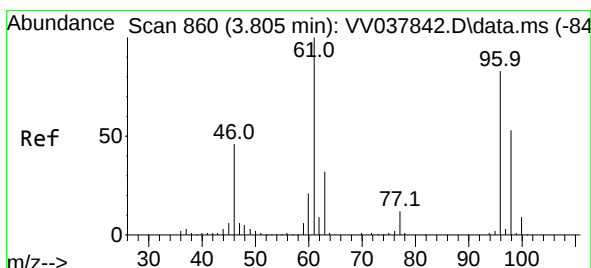
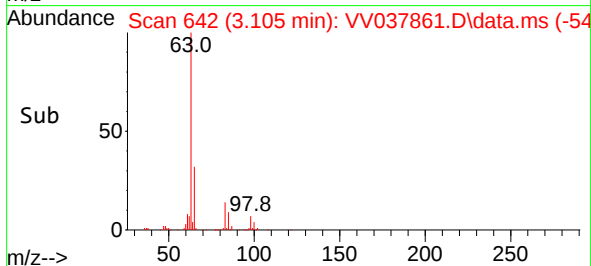
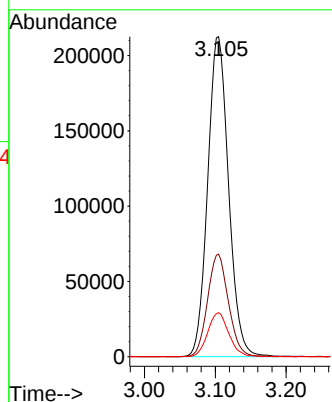
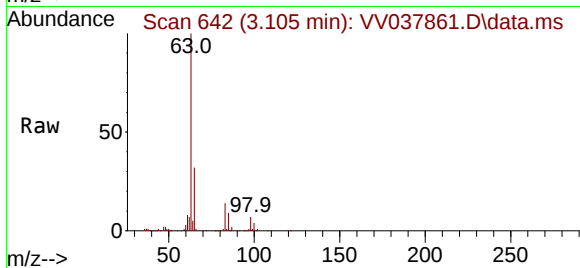
Tgt Ion: 63 Resp: 435430

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 51.768 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

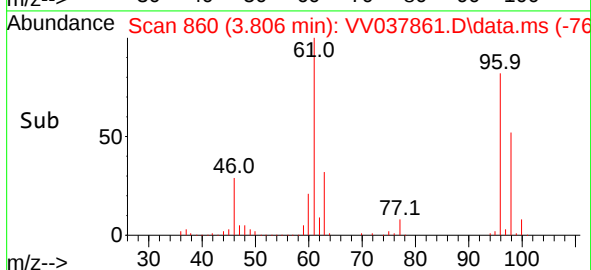
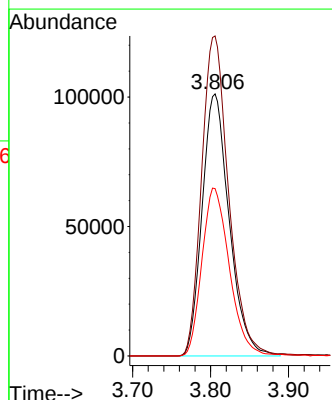
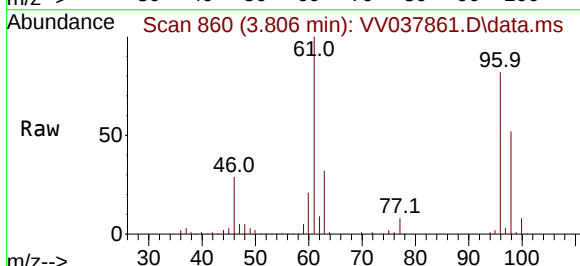
Tgt Ion: 96 Resp: 244889

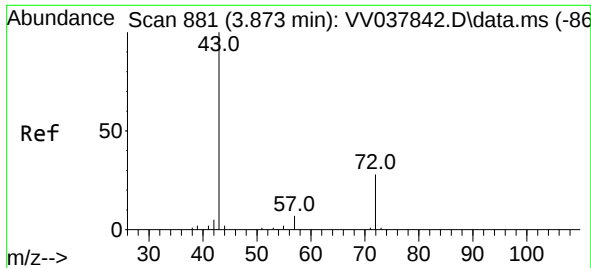
Ion Ratio Lower Upper

96 100

61 122.1 85.0 157.8

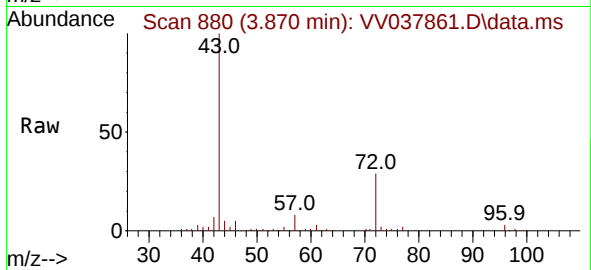
98 63.9 44.2 82.0



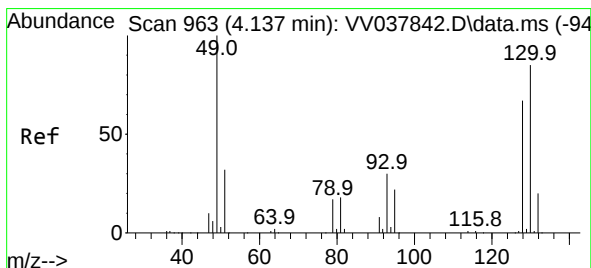
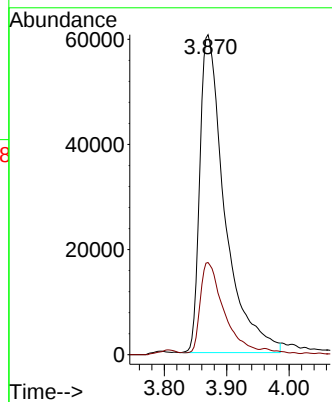
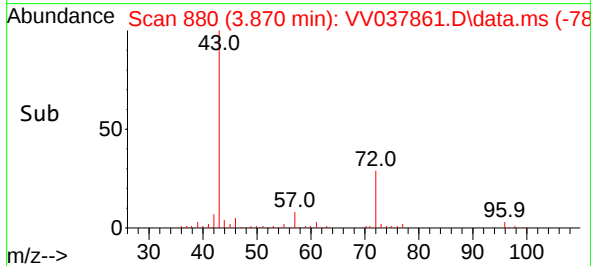


#22
2-Butanone
Concen: 82.845 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

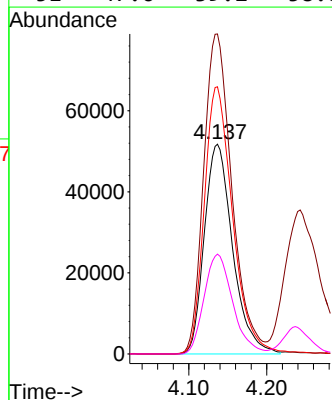
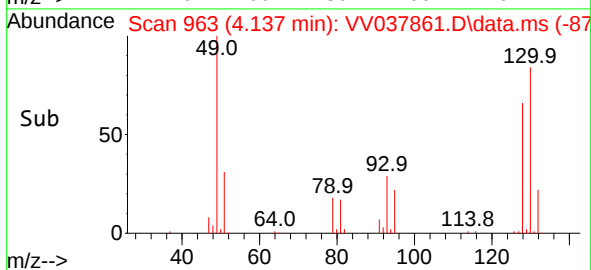
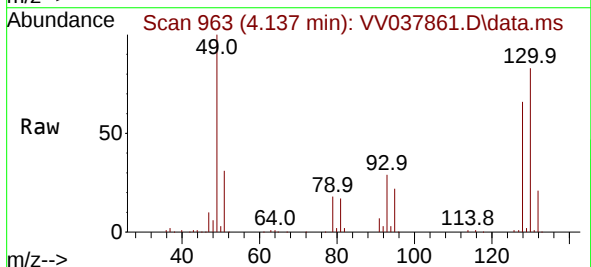


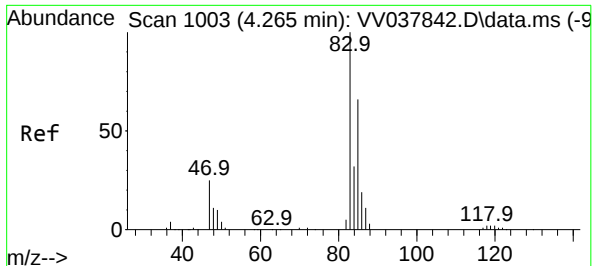
Tgt Ion: 43 Resp: 168693
Ion Ratio Lower Upper
43 100
72 26.5 14.3 42.9



#23
Bromochloromethane
Concen: 53.362 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion: 128 Resp: 130576
Ion Ratio Lower Upper
128 100
49 152.5 108.7 201.9
130 127.4 90.4 168.0
51 47.6 39.2 58.8





#25

Chloroform

Concen: 54.529 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

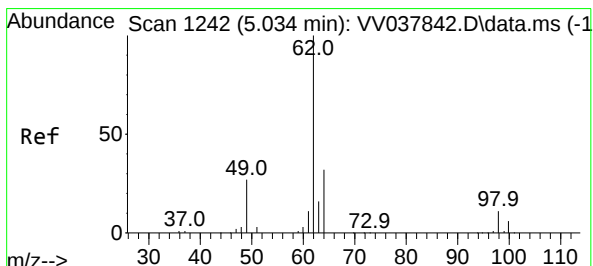
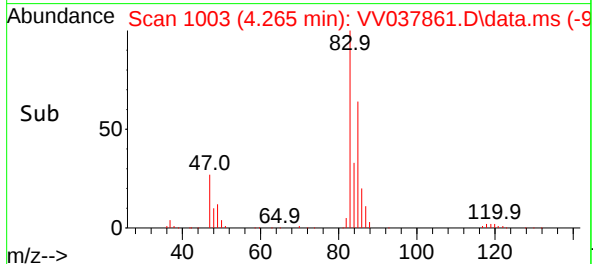
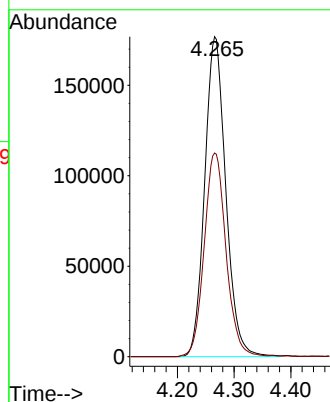
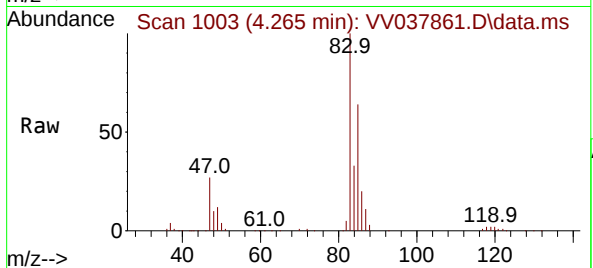
ClientSampleId :

Tgt Ion: 83 Resp: 457260

Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 53.084 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VV037861.D

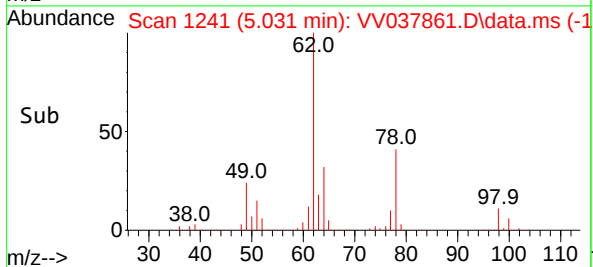
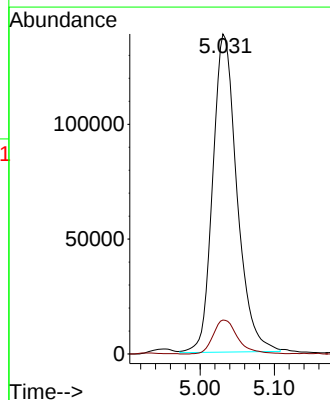
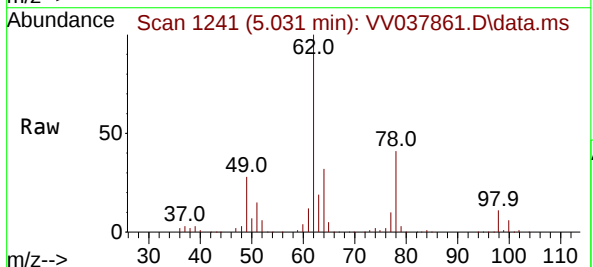
Acq: 15 Oct 2024 09:17

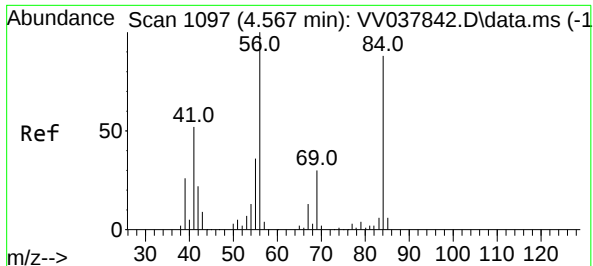
Tgt Ion: 62 Resp: 314251

Ion Ratio Lower Upper

62 100

98 10.6 8.4 12.6





#29

Cyclohexane

Concen: 46.284 ug/L

RT: 4.571 min Scan# 1097

Delta R.T. 0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

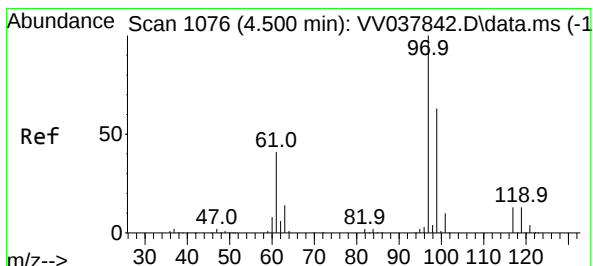
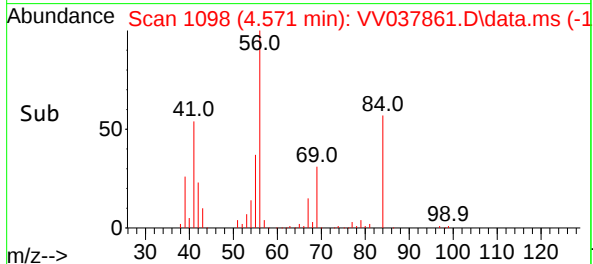
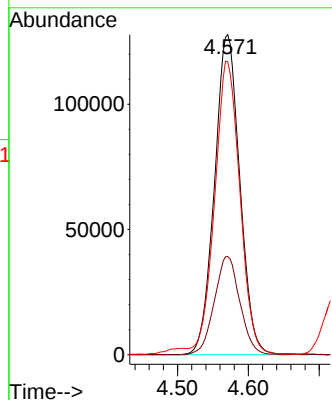
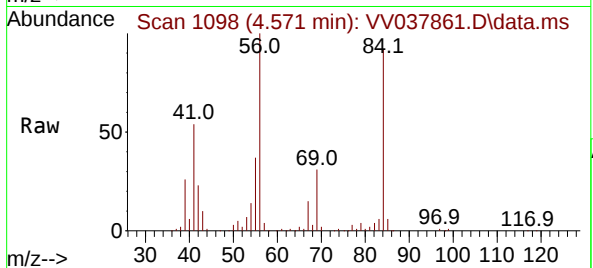
Tgt Ion: 56 Resp: 316830

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 90.7 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 52.045 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

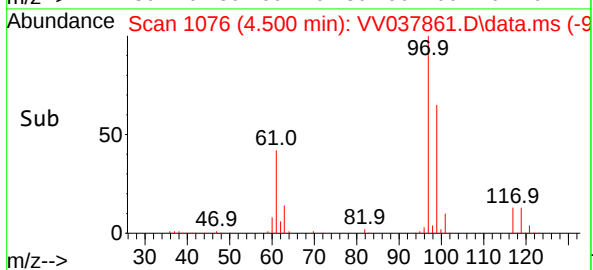
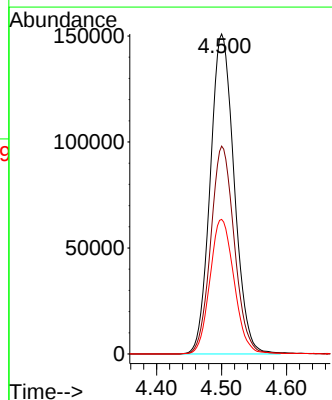
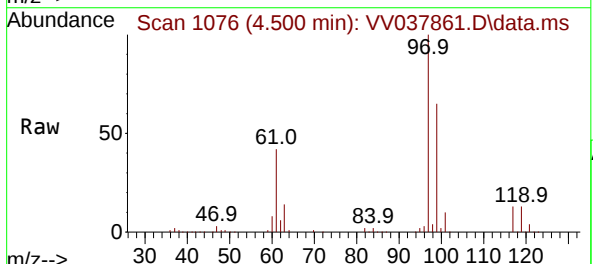
Tgt Ion: 97 Resp: 386459

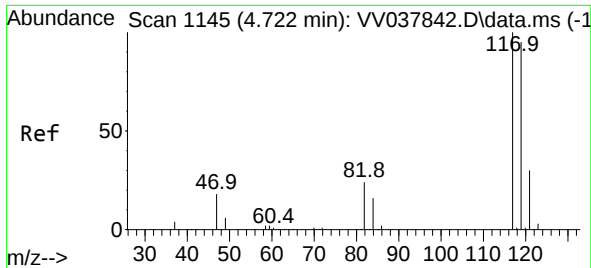
Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.6

61 42.5 33.6 50.4

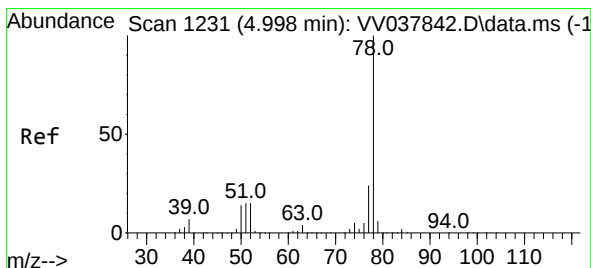
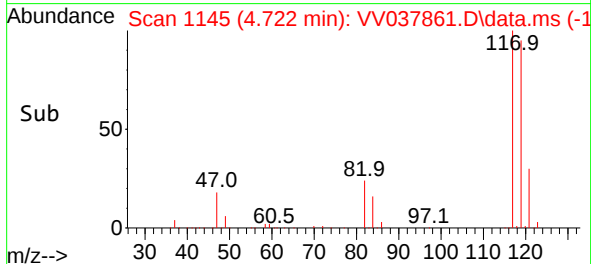
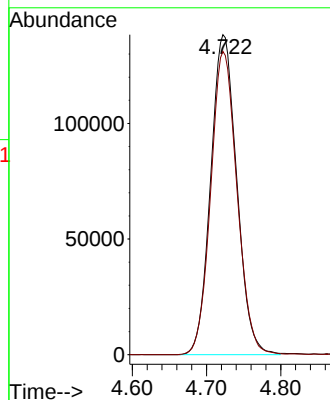
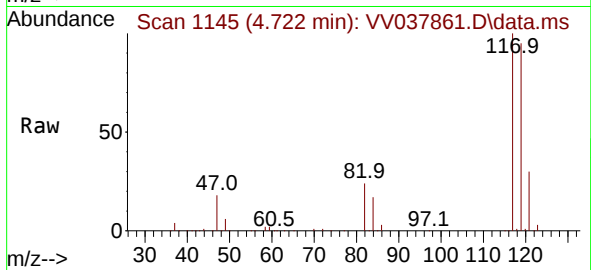




#31
Carbon tetrachloride
Concen: 52.260 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

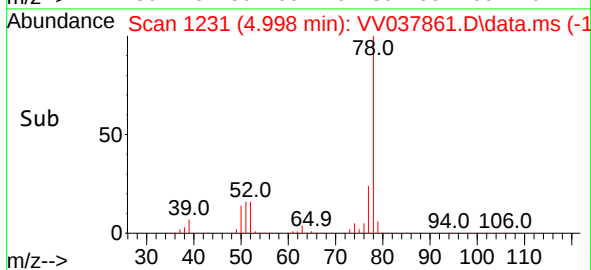
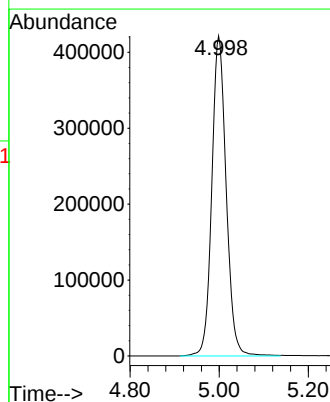
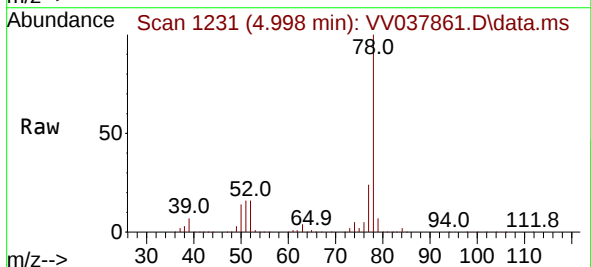
Instrument :
MSVOA_V
ClientSampleId :

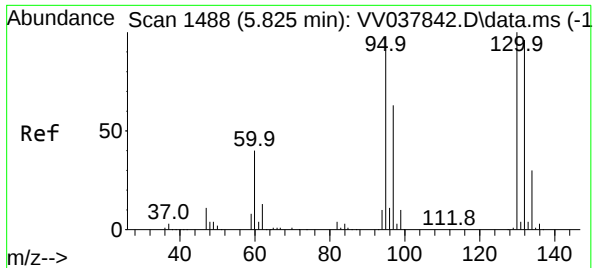
Tgt Ion:117 Resp: 337380
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3



#33
Benzene
Concen: 51.753 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

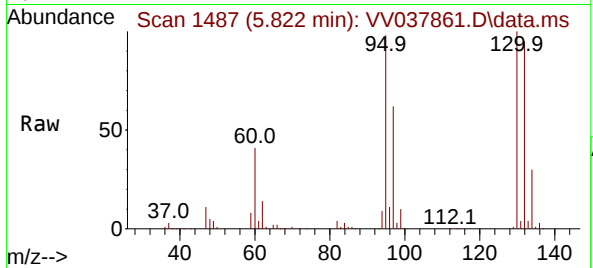
Tgt Ion: 78 Resp: 941017



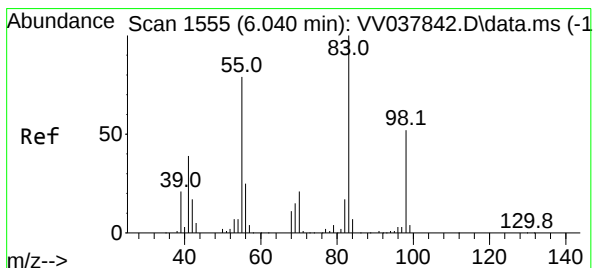
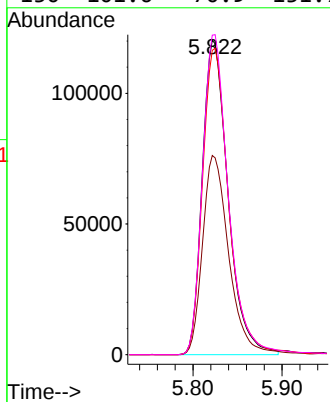
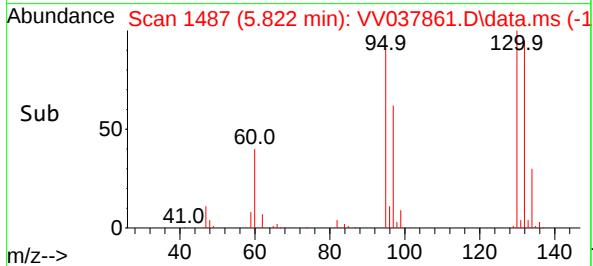


#34
Trichloroethene
Concen: 49.863 ug/L
RT: 5.822 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

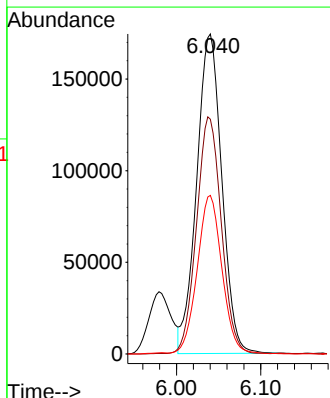
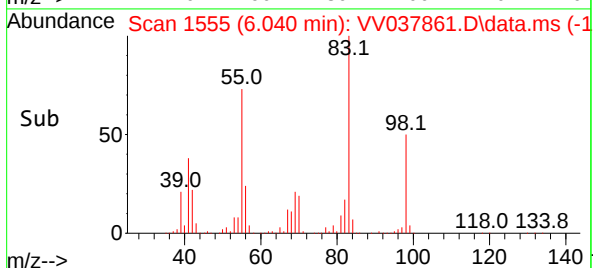
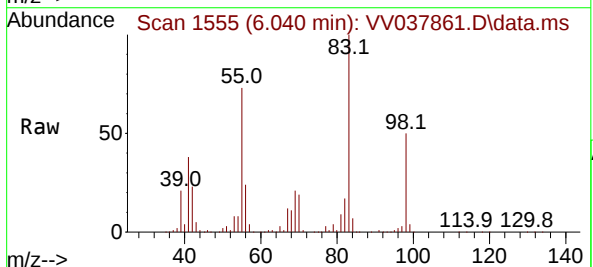


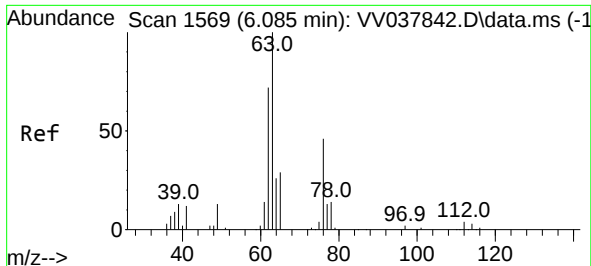
Tgt Ion: 95 Resp: 241451
Ion Ratio Lower Upper
95 100
97 63.3 46.3 85.9
132 96.8 68.6 127.4
130 101.6 70.9 131.7



#35
Methylcyclohexane
Concen: 48.724 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion: 83 Resp: 362958
Ion Ratio Lower Upper
83 100
55 73.2 57.9 86.9
98 48.8 39.3 58.9





#37

1,2-Dichloropropane

Concen: 52.799 ug/L

RT: 6.082 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

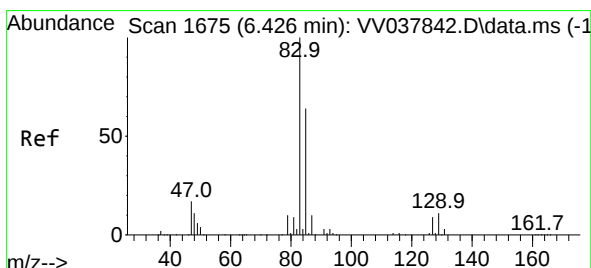
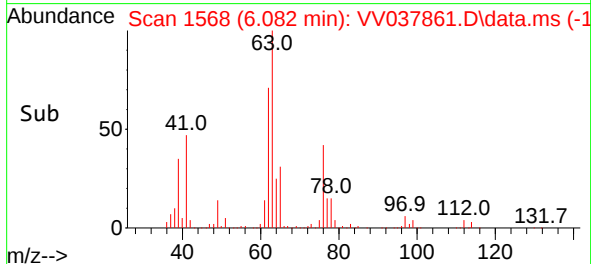
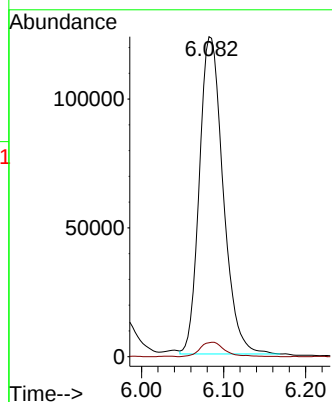
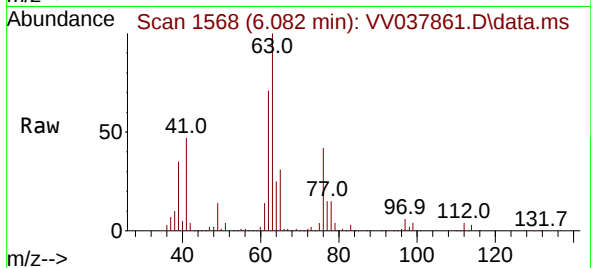
ClientSampleId :

Tgt Ion: 63 Resp: 247908

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 53.605 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

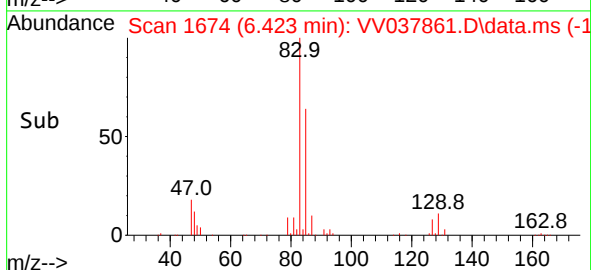
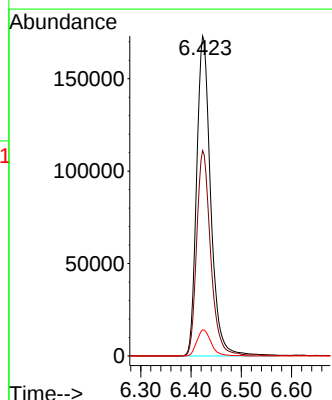
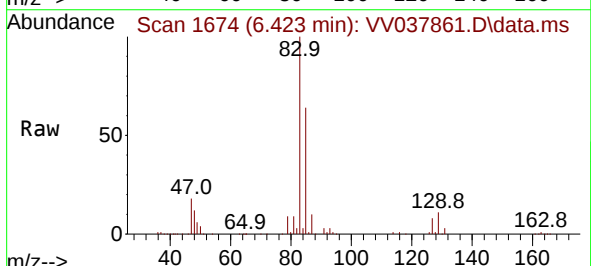
Tgt Ion: 83 Resp: 336457

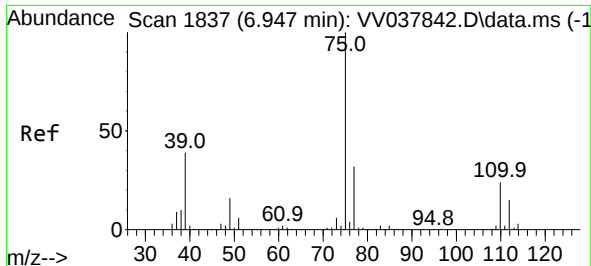
Ion Ratio Lower Upper

83 100

85 64.2 45.7 84.9

127 8.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 50.307 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

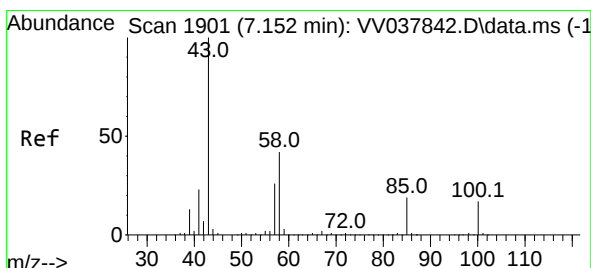
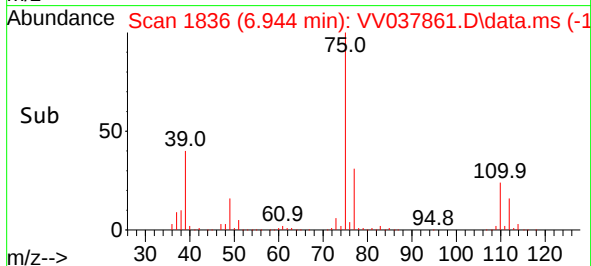
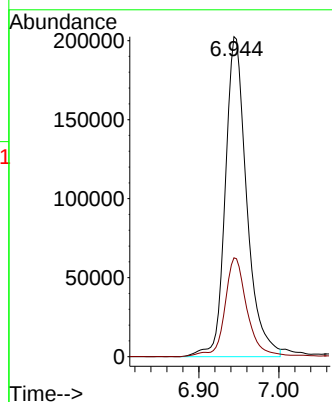
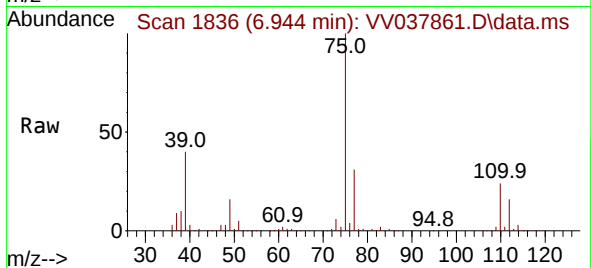
ClientSampleId :

Tgt Ion: 75 Resp: 377050

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 89.226 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

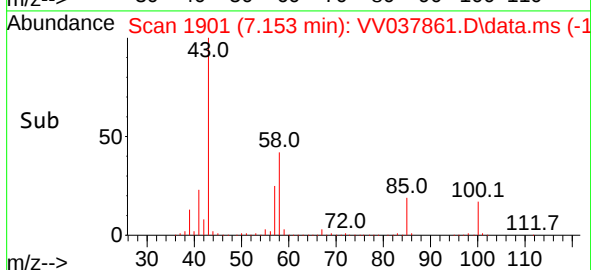
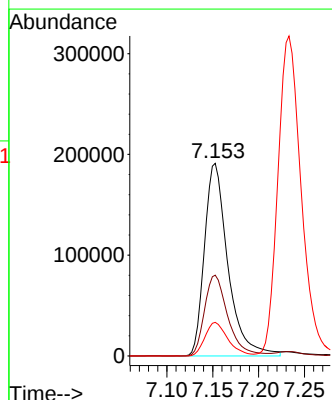
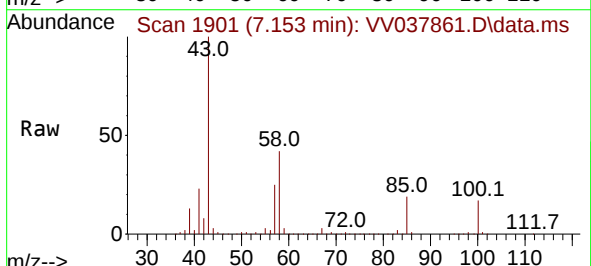
Tgt Ion: 43 Resp: 341107

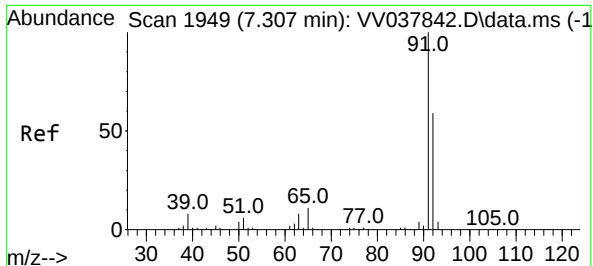
Ion Ratio Lower Upper

43 100

58 41.7 33.0 49.4

100 17.0 13.7 20.5

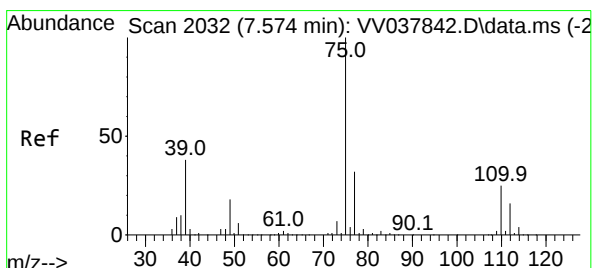
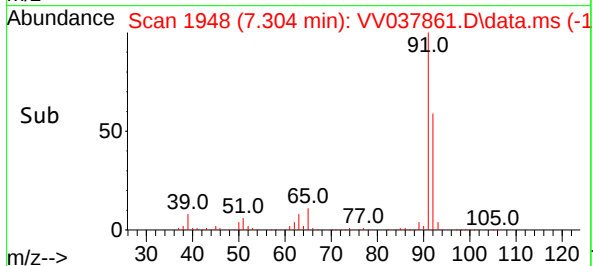
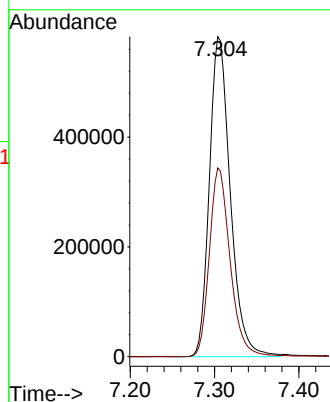
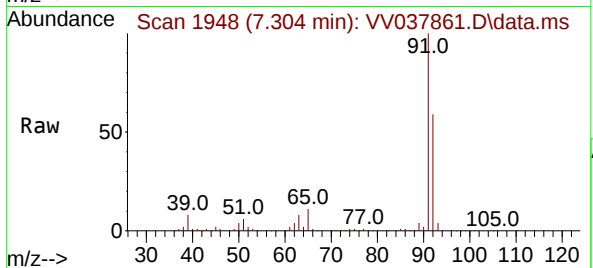




#42
Toluene
Concen: 53.418 ug/L
RT: 7.304 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

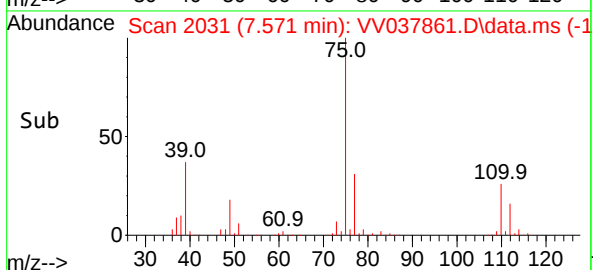
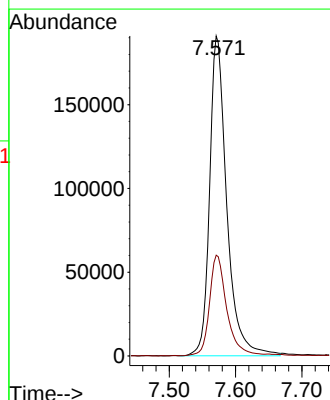
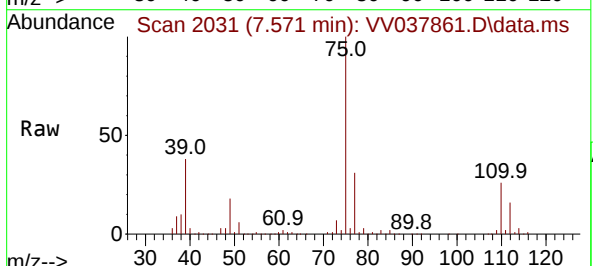
Instrument :
MSVOA_V
ClientSampleId :

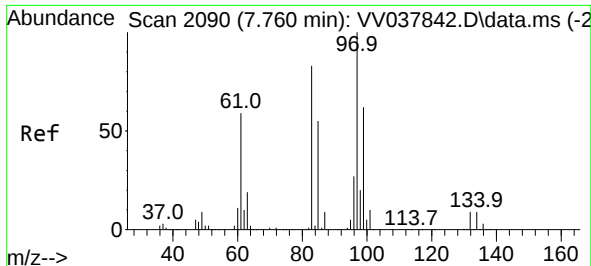
Tgt Ion: 91 Resp: 1006921
Ion Ratio Lower Upper
91 100
92 59.0 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 50.842 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion: 75 Resp: 343071
Ion Ratio Lower Upper
75 100
77 31.5 21.9 40.7



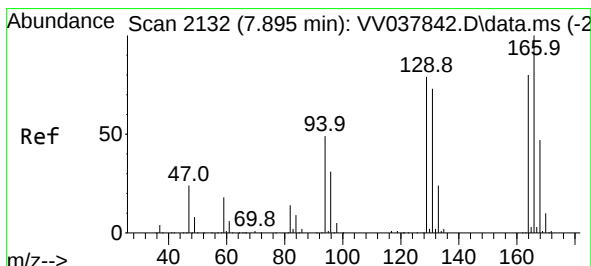
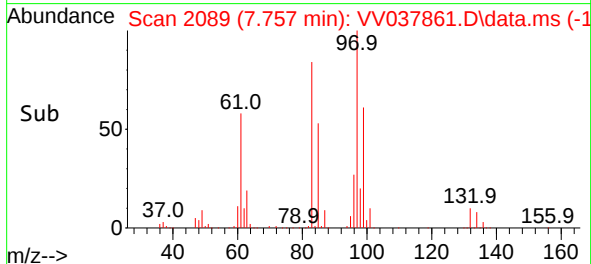
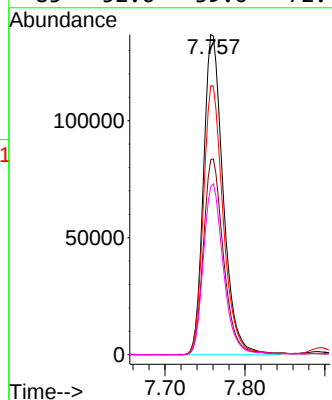
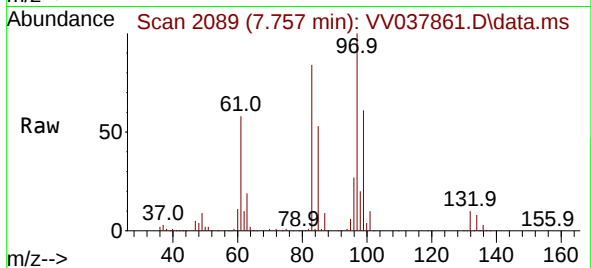


#45
1,1,2-Trichloroethane
Concen: 52.185 ug/L
RT: 7.757 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 235274

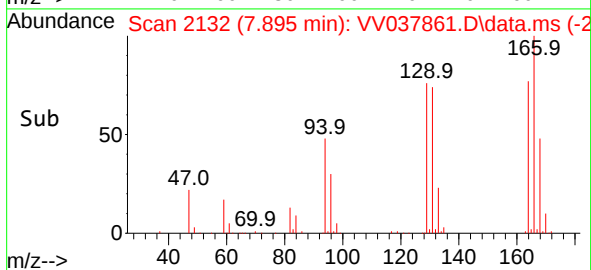
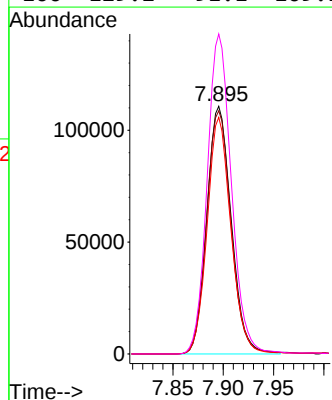
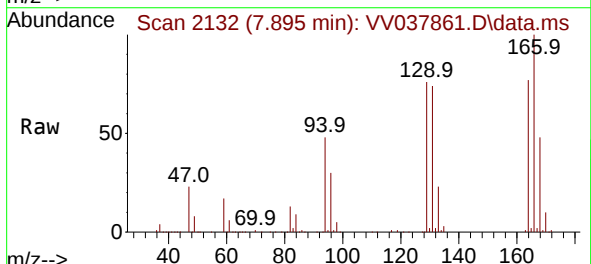
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.1	81.9
83	84.1	59.3	110.1
85	52.6	39.0	72.4

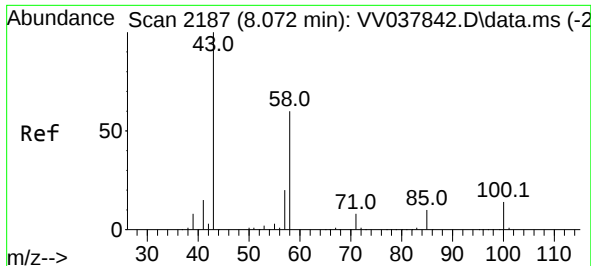


#46
Tetrachloroethene
Concen: 50.460 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion: 164 Resp: 186814

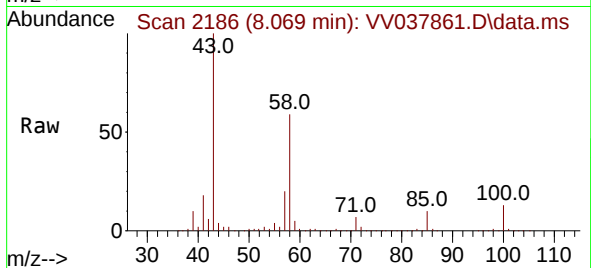
Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.2	126.6
131	95.6	66.1	122.8
166	129.2	91.1	169.1



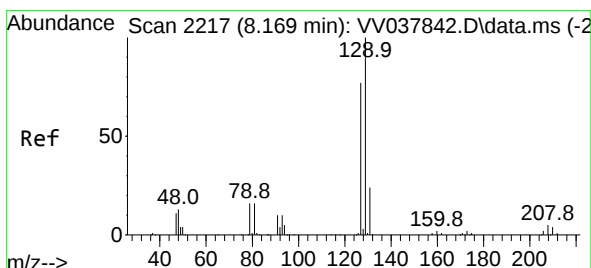
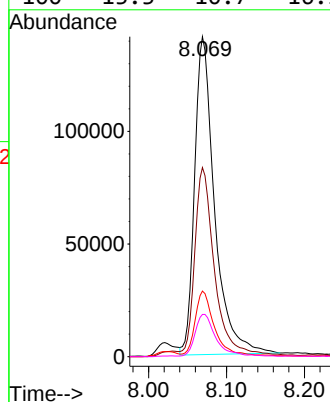
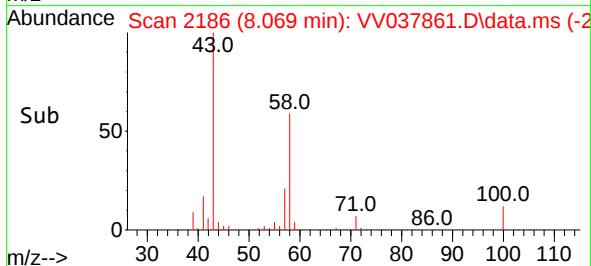


#48
2-Hexanone
Concen: 84.676 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

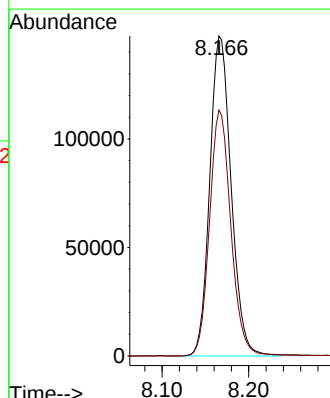
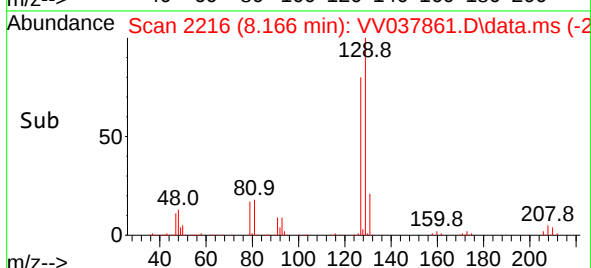
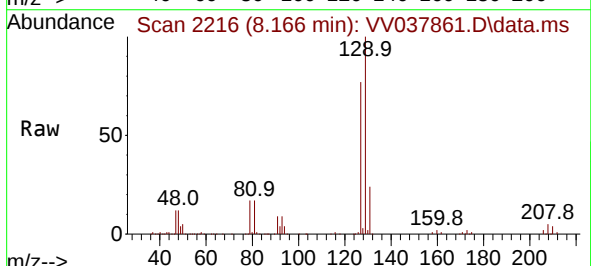


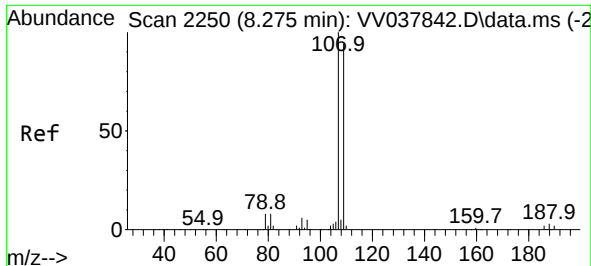
Tgt Ion:	43	58	57	100
Resp:	251712	58.2	19.1	13.3
Lower		46.5	15.1	10.7
Upper		69.7	22.7	16.1



#49
Dibromochloromethane
Concen: 53.017 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion:	129	127
Resp:	252977	76.8
Lower		54.9
Upper		101.9





#50

1,2-Dibromoethane

Concen: 49.613 ug/L

RT: 8.272 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

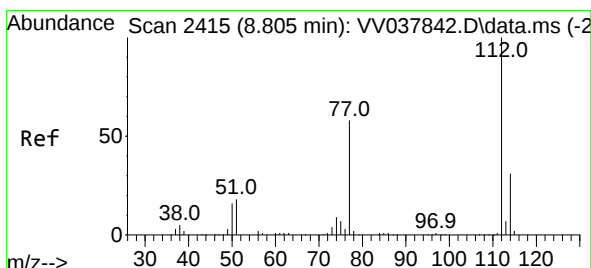
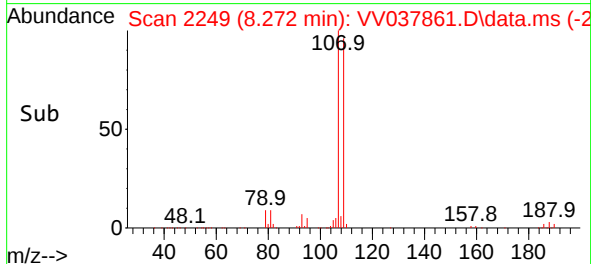
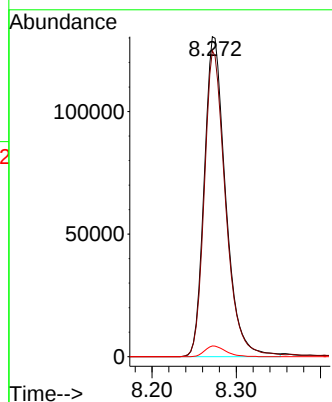
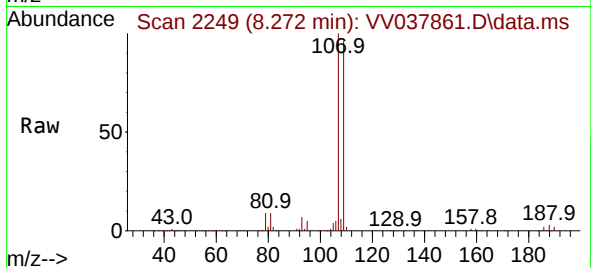
Tgt Ion:107 Resp: 231216

Ion Ratio Lower Upper

107 100

109 95.6 65.7 121.9

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 51.965 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

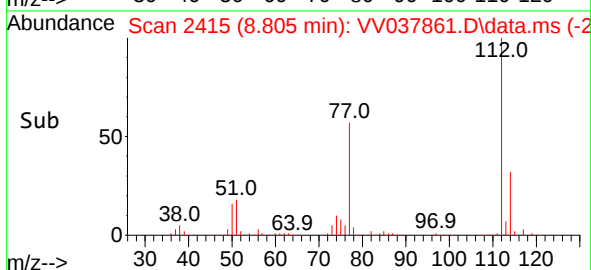
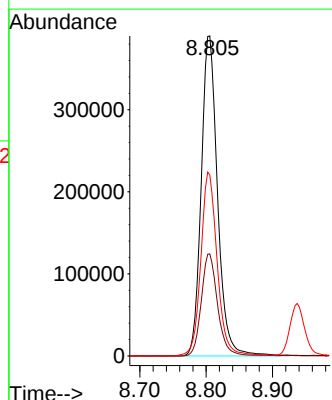
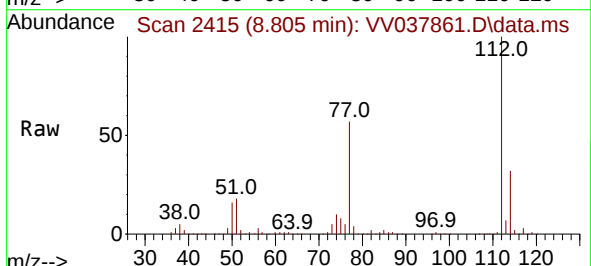
Tgt Ion:112 Resp: 667359

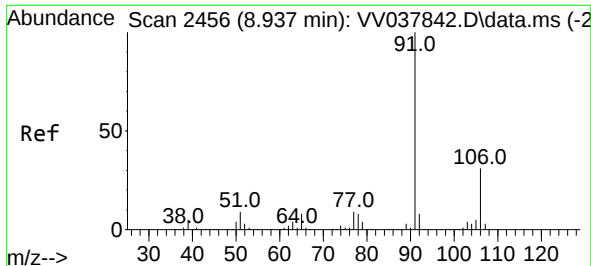
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 56.6 45.8 68.8

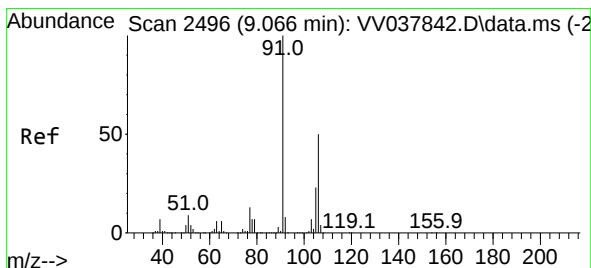
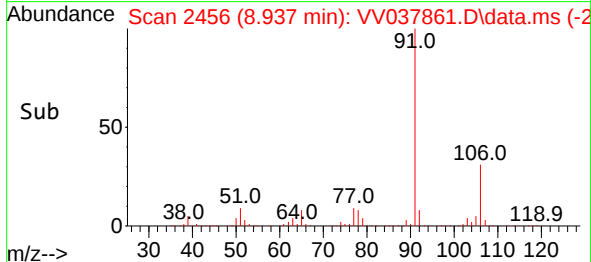
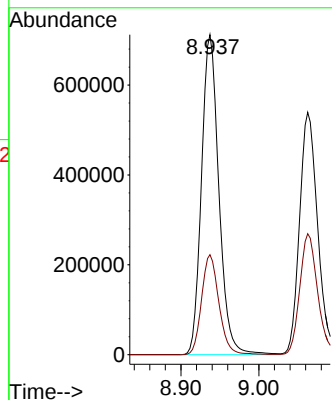
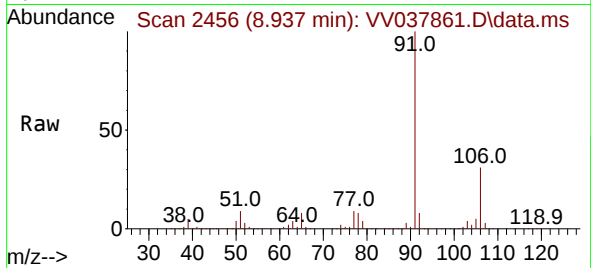




#52
Ethylbenzene
Concen: 52.034 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

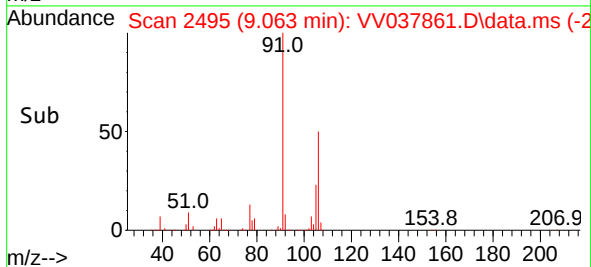
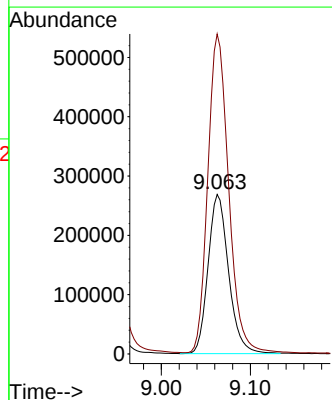
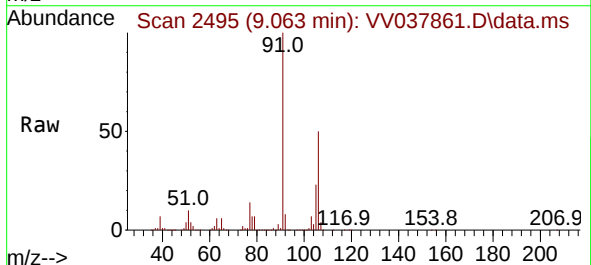
Instrument :
MSVOA_V
ClientSampleId :

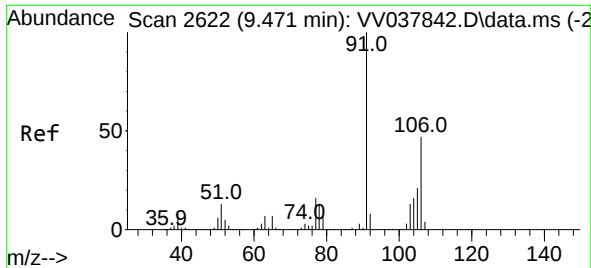
Tgt Ion: 91 Resp: 1104068
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7



#53
m,p-Xylene
Concen: 54.374 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion: 106 Resp: 429379
Ion Ratio Lower Upper
106 100
91 200.5 142.0 263.6

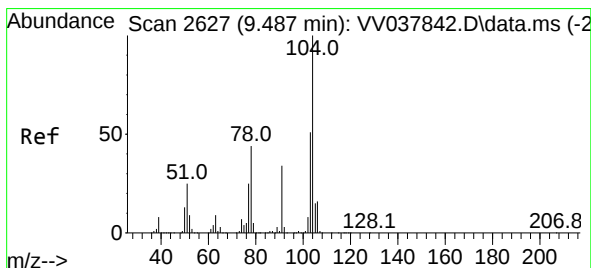
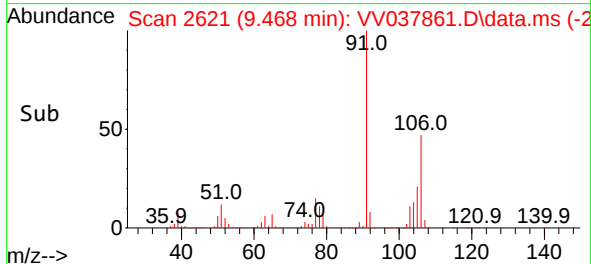
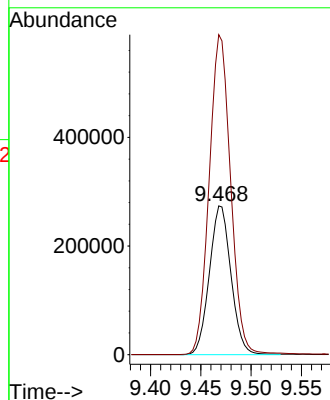
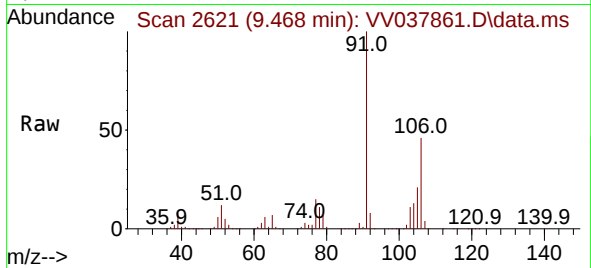




#54
o-Xylene
Concen: 53.084 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

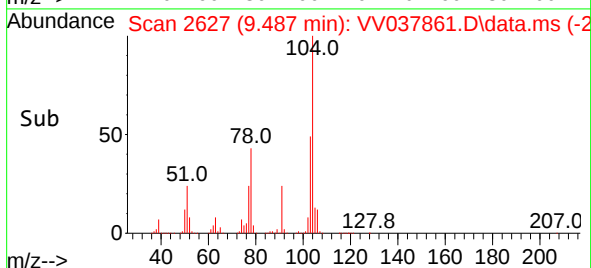
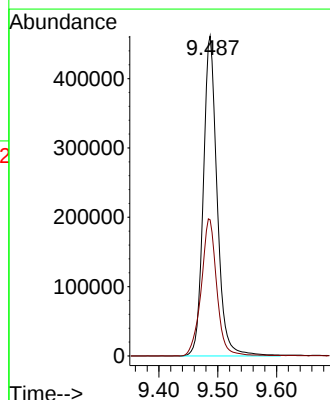
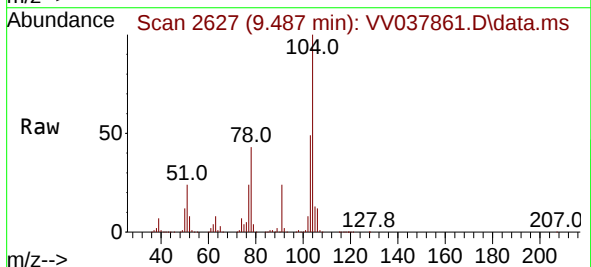
Instrument :
MSVOA_V
ClientSampleId :

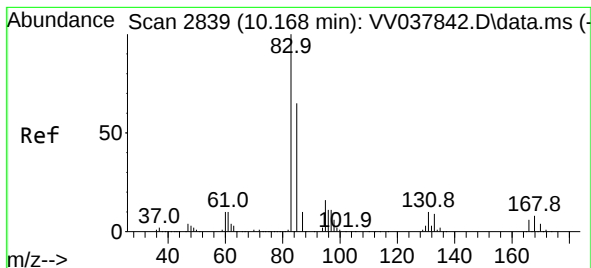
Tgt Ion:106 Resp: 409254
Ion Ratio Lower Upper
106 100
91 215.1 153.9 285.9



#55
Styrene
Concen: 56.127 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion:104 Resp: 753297
Ion Ratio Lower Upper
104 100
78 42.6 30.0 55.6

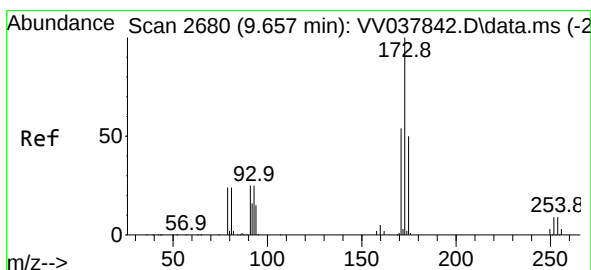
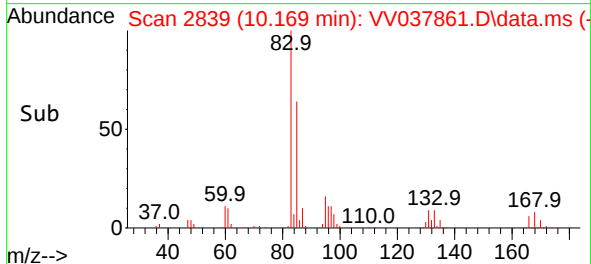
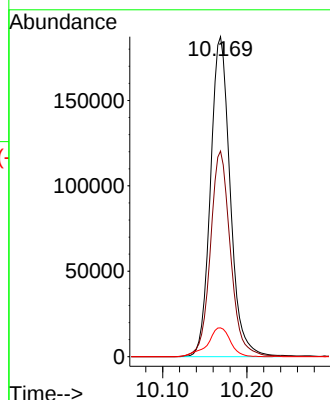
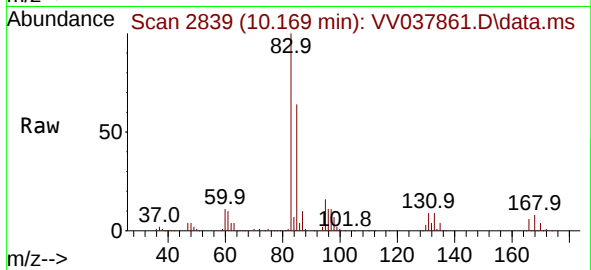




#57
1,1,2,2-Tetrachloroethane
Concen: 48.452 ug/L
RT: 10.169 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

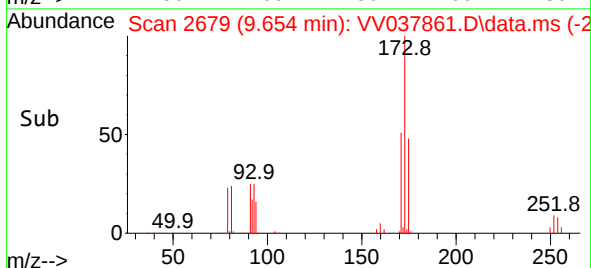
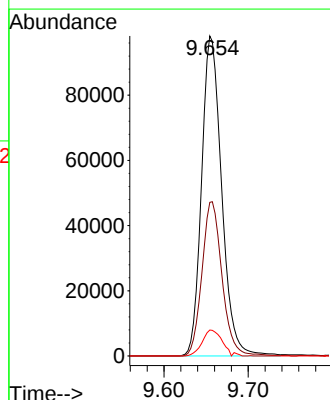
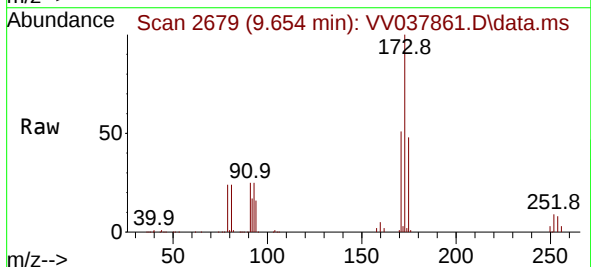
Instrument :
MSVOA_V
ClientSampleId :

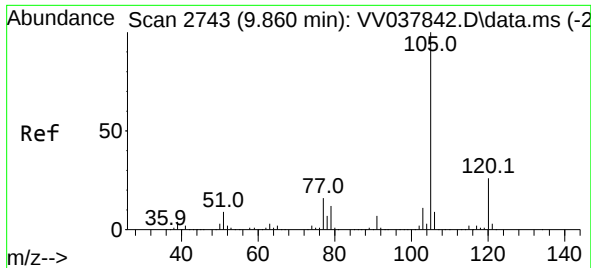
Tgt Ion: 83 Resp: 304556
Ion Ratio Lower Upper
83 100
85 64.2 45.9 85.3
131 9.0 7.9 11.9



#59
Bromoform
Concen: 50.026 ug/L
RT: 9.654 min Scan# 2679
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

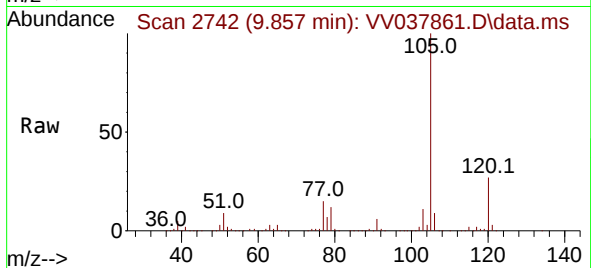
Tgt Ion: 173 Resp: 163160
Ion Ratio Lower Upper
173 100
175 47.8 40.0 60.0
254 7.8 6.5 9.7



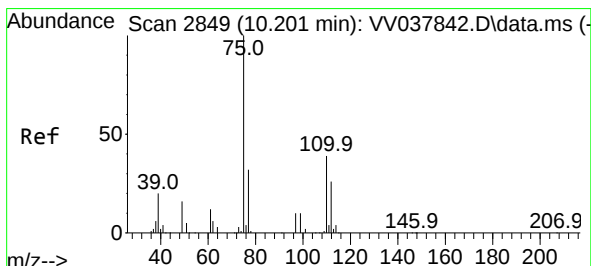
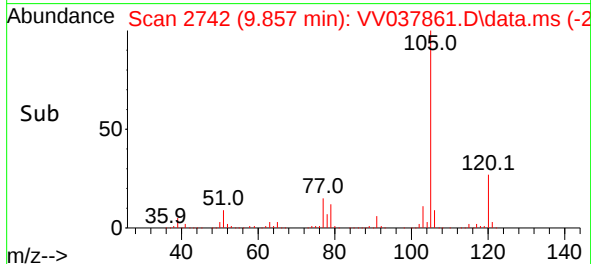
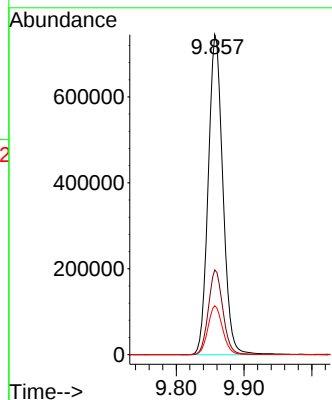


#60
Isopropylbenzene
Concen: 51.485 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

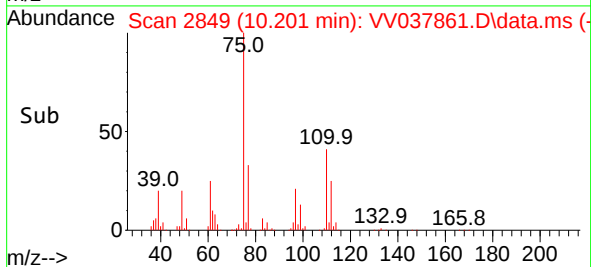
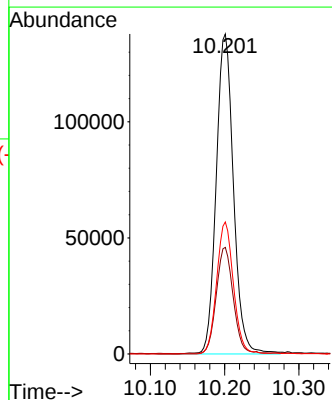
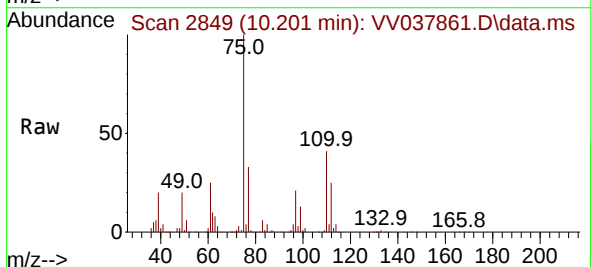


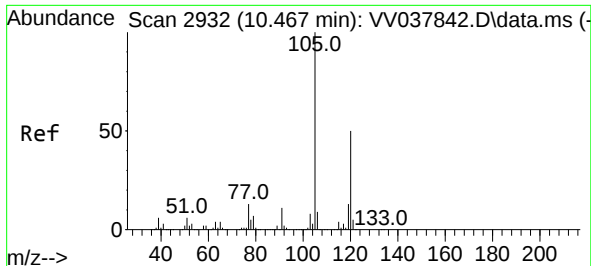
Tgt Ion:105 Resp: 1116976
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 46.928 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

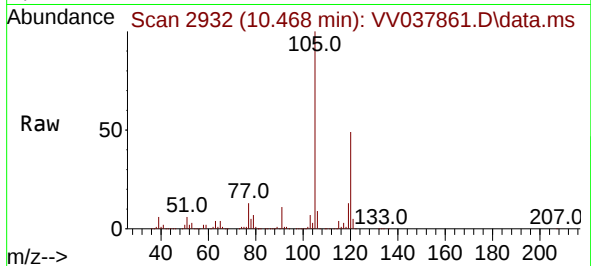
Tgt Ion: 75 Resp: 222834
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
110 40.1 31.7 47.5



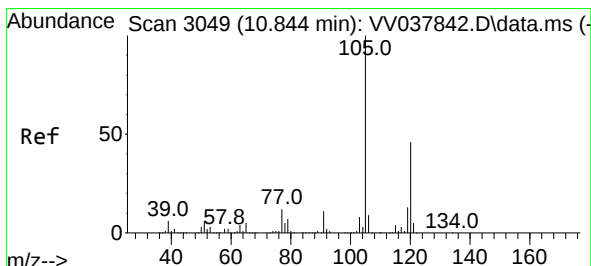
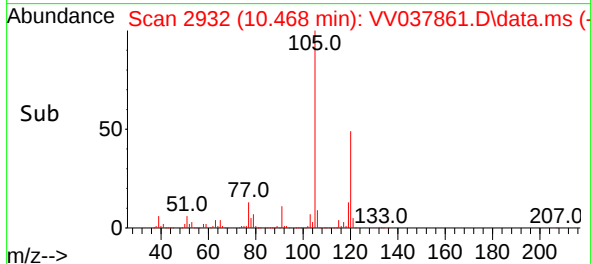
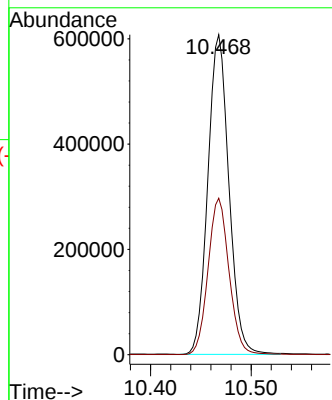


#62
1,3,5-Trimethylbenzene
Concen: 51.426 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

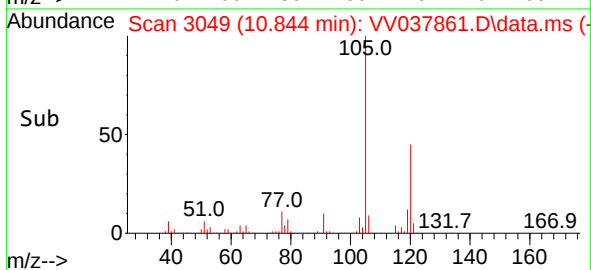
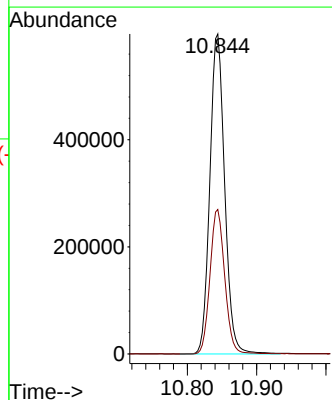
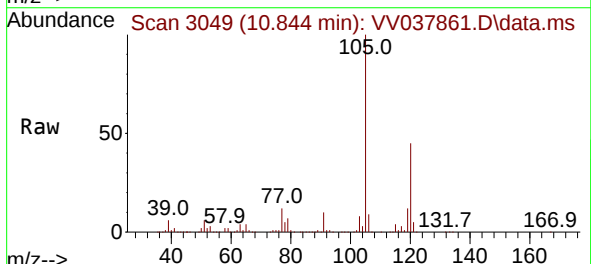


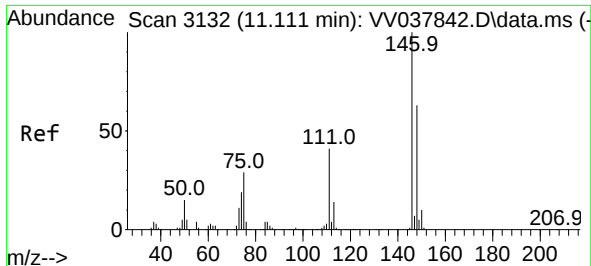
Tgt Ion:105 Resp: 882080
Ion Ratio Lower Upper
105 100
120 48.8 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 51.873 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion:105 Resp: 885259
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.2

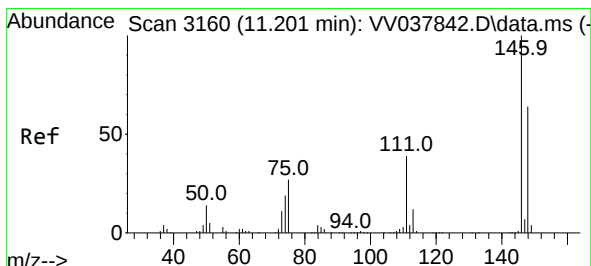
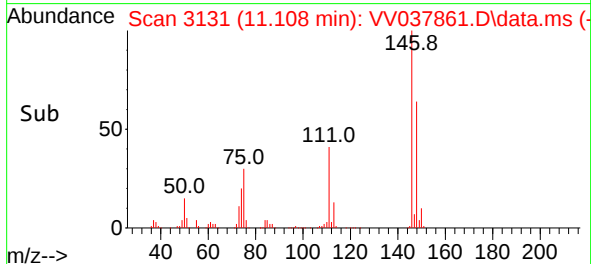
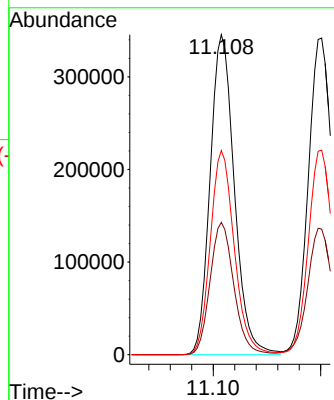
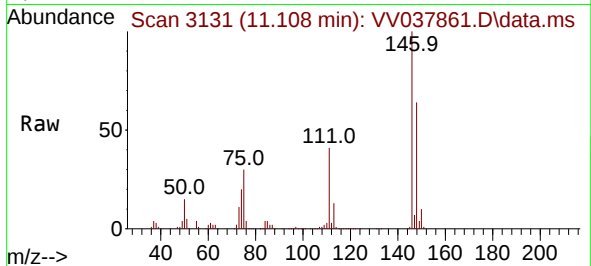




#64
1,3-Dichlorobenzene
Concen: 51.809 ug/L
RT: 11.108 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

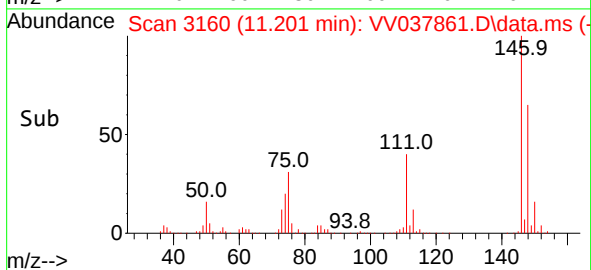
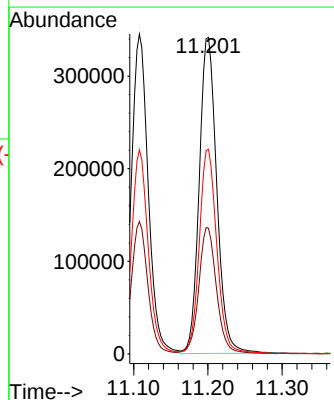
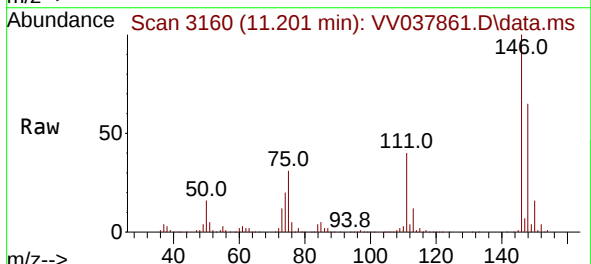
Instrument :
MSVOA_V
ClientSampleId :

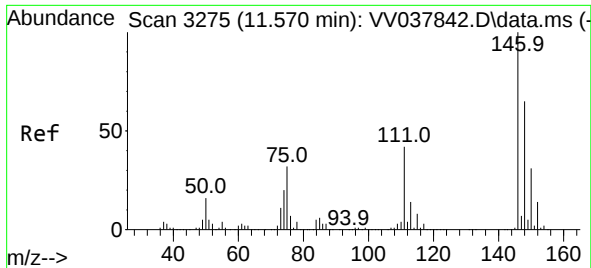
Tgt Ion:146 Resp: 541016
Ion Ratio Lower Upper
146 100
111 41.4 28.3 52.5
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 51.712 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion:146 Resp: 562302
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.4
148 64.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.192 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

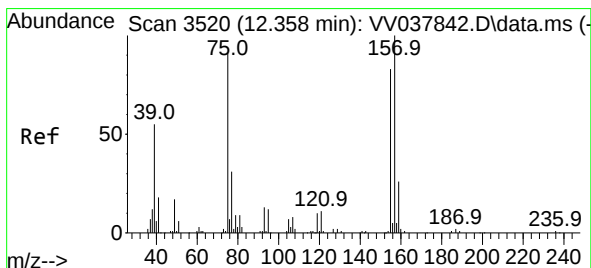
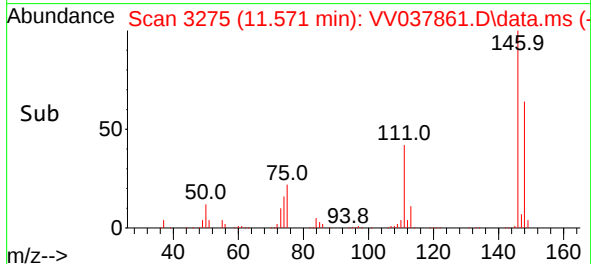
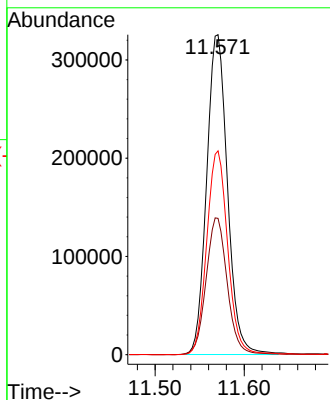
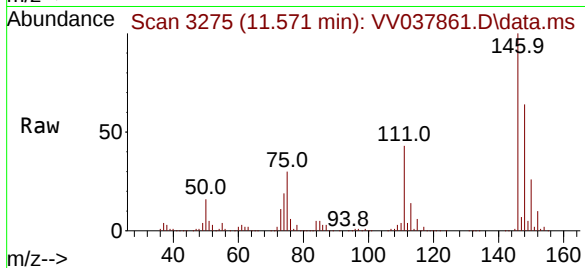
Tgt Ion:146 Resp: 528465

Ion Ratio Lower Upper

146 100

111 42.6 34.2 51.2

148 63.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 41.720 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

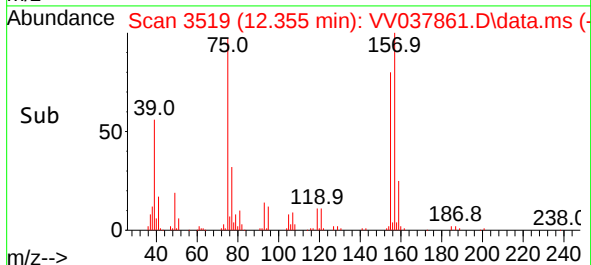
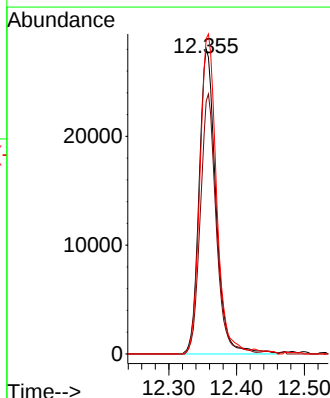
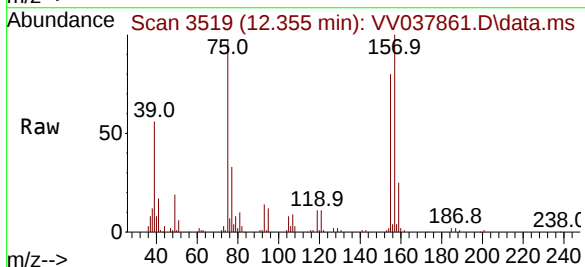
Tgt Ion: 75 Resp: 48089

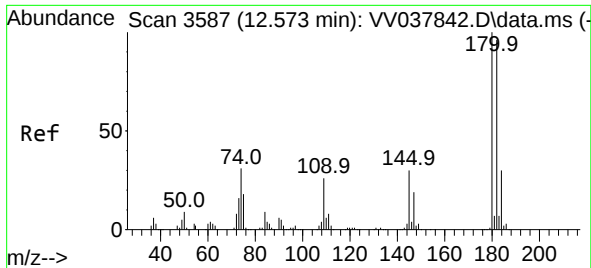
Ion Ratio Lower Upper

75 100

155 82.9 66.2 99.4

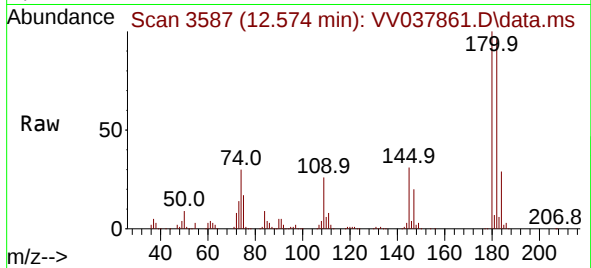
157 103.4 87.3 130.9



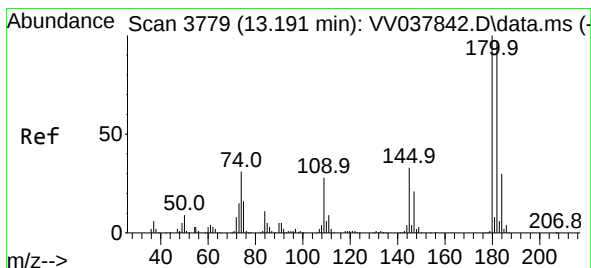
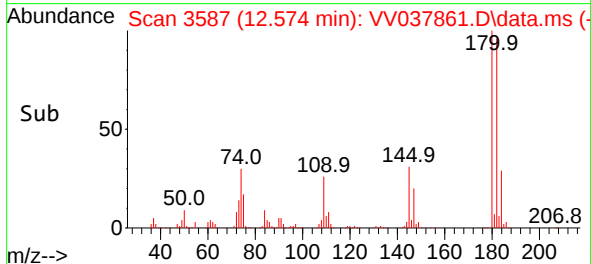
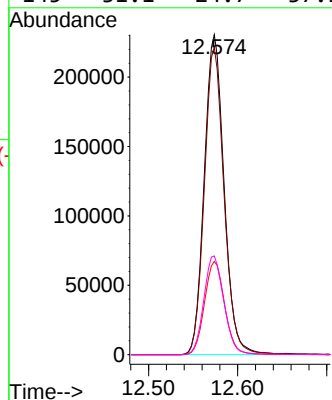


#69
1,3,5-Trichlorobenzene
Concen: 49.560 ug/L
RT: 12.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

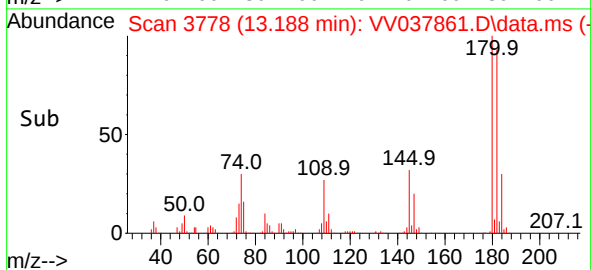
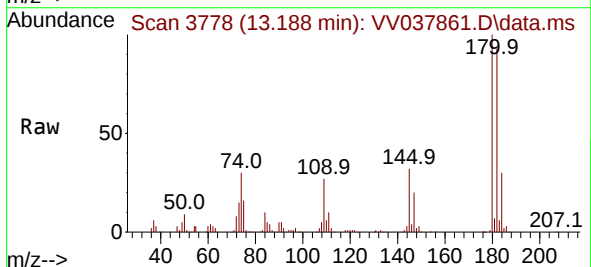
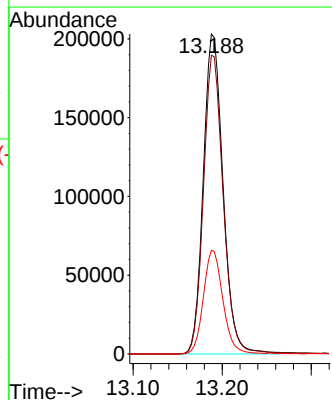


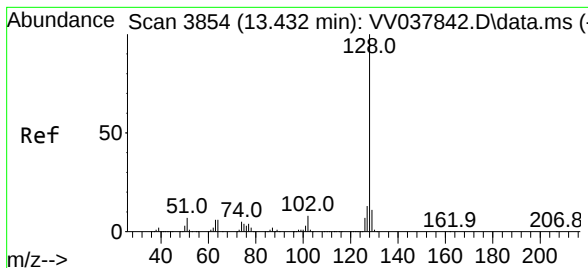
Tgt Ion:180 Resp: 355895
Ion Ratio Lower Upper
180 100
182 95.3 75.6 113.4
184 29.8 23.8 35.6
145 31.1 24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 46.964 ug/L
RT: 13.188 min Scan# 3778
Delta R.T. -0.003 min
Lab File: VV037861.D
Acq: 15 Oct 2024 09:17

Tgt Ion:180 Resp: 312906
Ion Ratio Lower Upper
180 100
182 93.2 75.9 113.9
145 31.9 25.4 38.2





#71

Naphthalene

Concen: 41.148 ug/L

RT: 13.429 min Scan# 3853

Delta R.T. -0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

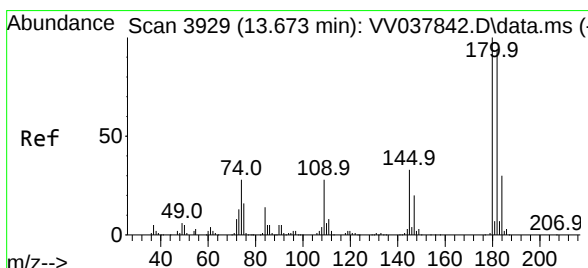
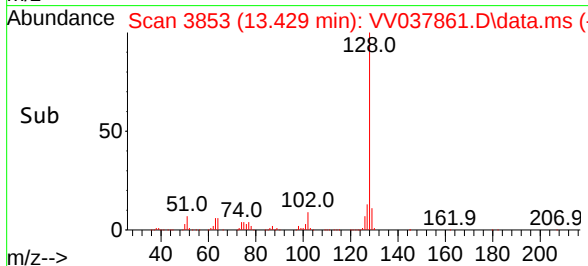
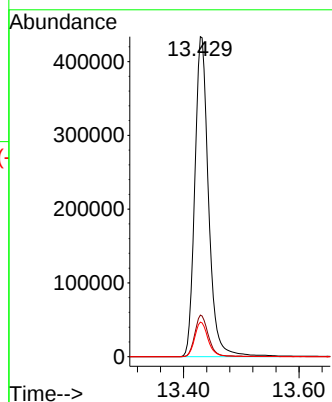
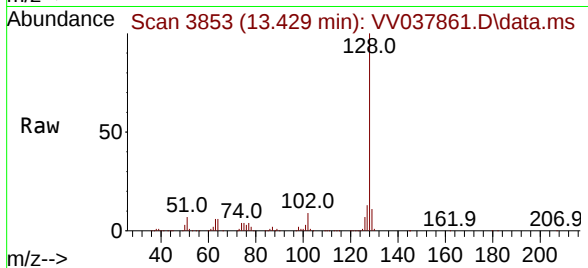
Tgt Ion:128 Resp: 716274

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 46.971 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV037861.D

Acq: 15 Oct 2024 09:17

Tgt Ion:180 Resp: 309049

Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.8

145 33.5 26.2 39.4

