

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101724\
 Data File : VV037888.D
 Acq On : 17 Oct 2024 14:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 06:16:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 06:13:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	496049	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	495002	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	283176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	217822	50.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.040%	
7) Chloroethane-d5	1.532	69	185897	54.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.000%	
11) 1,1-Dichloroethene-d2	2.056	65	98645	54.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.440%	
21) 2-Butanone-d5	3.789	46	133829	86.286	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 86.290%	
24) Chloroform-d	4.236	84	449463	58.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.040%	
26) 1,2-Dichloroethane-d4	4.931	65	259822	57.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.600%	
32) Benzene-d6	4.947	84	875872	56.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 113.100%	
36) 1,2-Dichloropropane-d6	5.979	67	271323	55.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.020%	
41) Toluene-d8	7.233	98	809328	57.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 115.240%	
43) trans-1,3-Dichloroprop...	7.545	79	121501	53.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.060%	
47) 2-Hexanone-d5	8.021	63	100445	96.442	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 96.440%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	303258	52.915	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 105.840%	
66) 1,2-Dichlorobenzene-d4	11.551	152	305840	51.254	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	229881	54.437	ug/L	100
3) Chloromethane	1.217	50	222411	54.250	ug/L	98
5) Vinyl chloride	1.285	62	244722	55.679	ug/L	99
6) Bromomethane	1.487	94	140144	57.456	ug/L	98
8) Chloroethane	1.548	64	156884	57.911	ug/L	99
9) Trichlorofluoromethane	1.712	101	362340	61.244	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	221396	62.623	ug/L	99
12) 1,1-Dichloroethene	2.066	96	195972	59.341	ug/L	95
13) Acetone	2.111	43	124852	82.115	ug/L	99
14) Carbon disulfide	2.237	76	510328	49.506	ug/L	100
15) Methyl Acetate	2.368	43	155415	58.572	ug/L	98
16) Methylene chloride	2.442	84	223531	59.779	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	202535	57.972	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	618194	61.675	ug/L	100
19) 1,1-Dichloroethane	3.101	63	414432	61.913	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	238548	61.016	ug/L	100
22) 2-Butanone	3.870	43	162768	96.719	ug/L	99
23) Bromochloromethane	4.134	128	126643	62.621	ug/L	98
25) Chloroform	4.265	83	443894	64.050	ug/L	97

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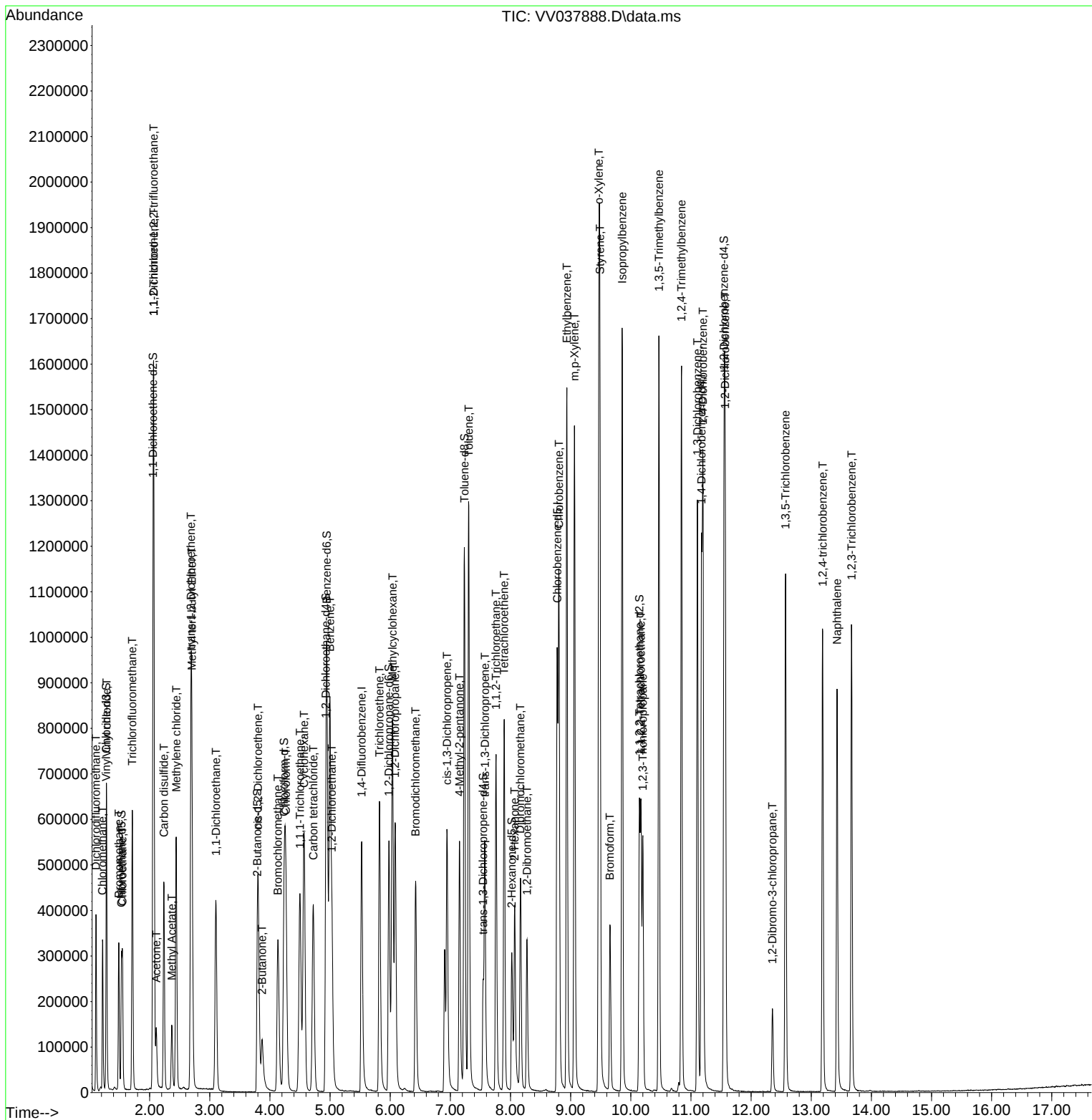
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 MSVOA_V
 ClientSampleId :

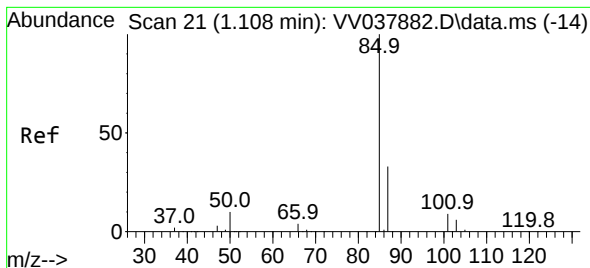
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	306502	62.646	ug/L	99
29) Cyclohexane	4.568	56	302490	53.821	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	368256	60.404	ug/L	100
31) Carbon tetrachloride	4.722	117	320722	60.508	ug/L	100
33) Benzene	4.998	78	902869	60.479	ug/L	100
34) Trichloroethene	5.822	95	229791	57.799	ug/L	98
35) Methylcyclohexane	6.040	83	346314	56.623	ug/L	99
37) 1,2-Dichloropropane	6.082	63	244241	63.357	ug/L	100
38) Bromodichloromethane	6.423	83	323084	62.694	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	354974	57.685	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	359620	114.573	ug/L	99
42) Toluene	7.304	91	959071	61.970	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	330779	59.705	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	229876	62.102	ug/L	99
46) Tetrachloroethene	7.895	164	177830	58.503	ug/L	98
48) 2-Hexanone	8.069	43	253357	103.807	ug/L	97
49) Dibromochloromethane	8.166	129	244512	62.412	ug/L	99
50) 1,2-Dibromoethane	8.275	107	227898	59.560	ug/L	99
51) Chlorobenzene	8.805	112	638566	60.562	ug/L	100
52) Ethylbenzene	8.937	91	1058330	60.750	ug/L	100
53) m,p-Xylene	9.063	106	408683	63.033	ug/L	100
54) o-Xylene	9.471	106	388881	61.436	ug/L	97
55) Styrene	9.487	104	712750	64.682	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	305010	59.101	ug/L	99
59) Bromoform	9.654	173	159685	57.696	ug/L	98
60) Isopropylbenzene	9.857	105	1058358	57.487	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	221873	55.063	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	848772	58.313	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	850017	58.694	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	519789	58.657	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	542546	58.797	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	507084	57.885	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	48987	50.082	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	345119	56.634	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	304676	53.888	ug/L	99
71) Naphthalene	13.429	128	708270	47.947	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	305715	54.755	ug/L	100

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

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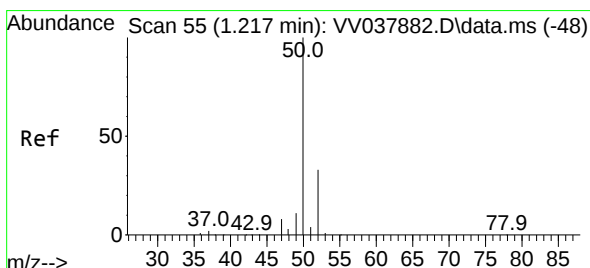
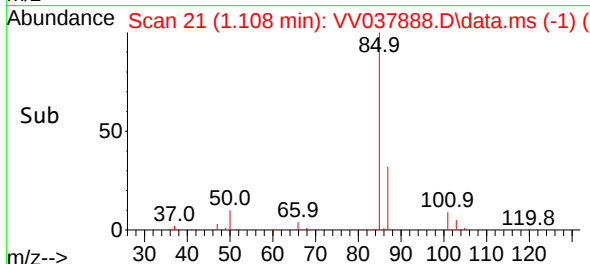
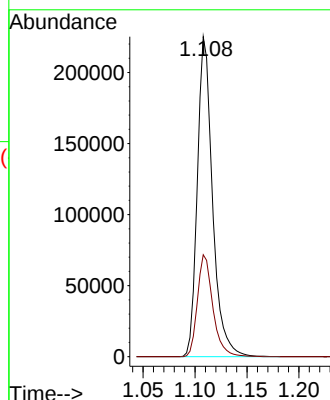
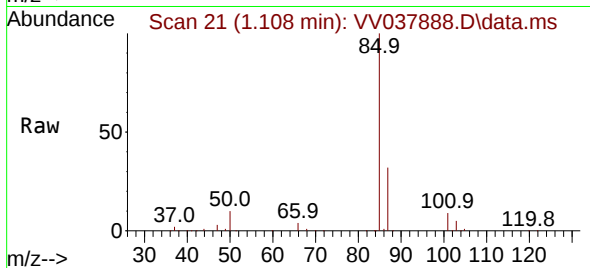




#2
 Dichlorodifluoromethane
 Concen: 54.437 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037888.D
 Acq: 17 Oct 2024 14:21

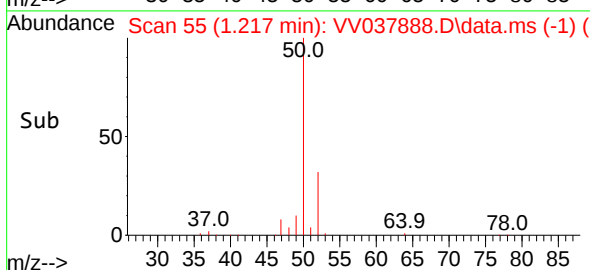
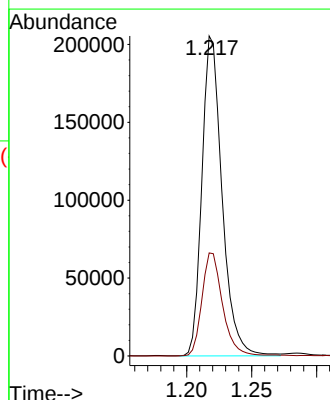
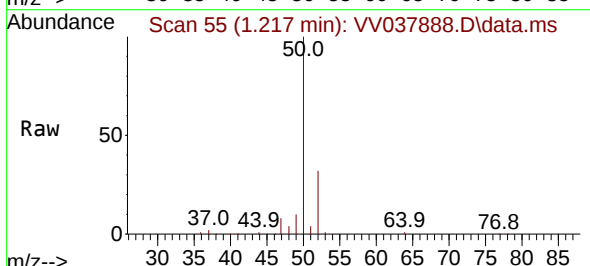
Instrument :
 MSVOA_V
 ClientSampleId :

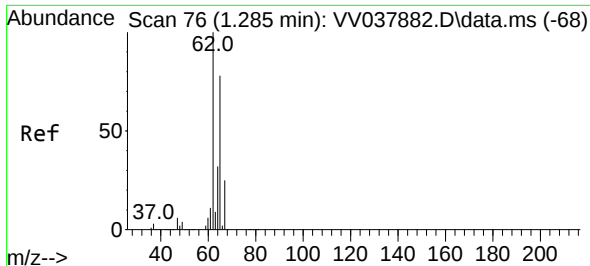
Tgt Ion: 85 Resp: 229881
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 54.250 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037888.D
 Acq: 17 Oct 2024 14:21

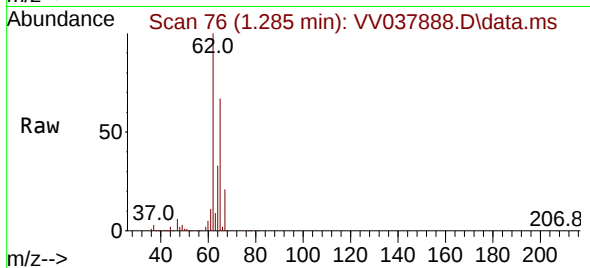
Tgt Ion: 50 Resp: 222411
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.2 43.2



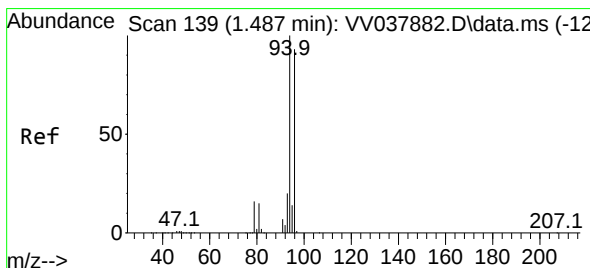
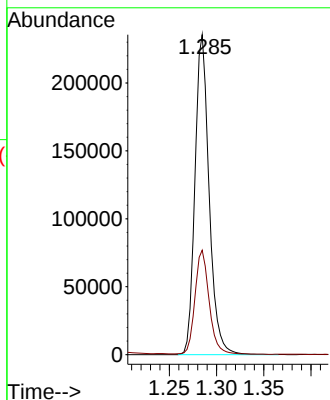
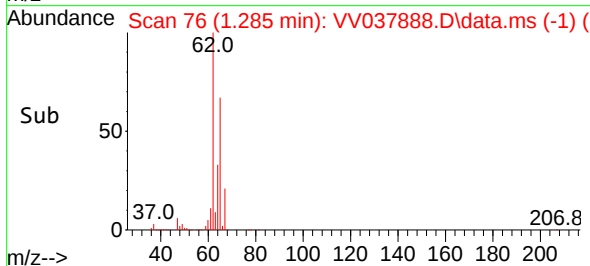


#5
 Vinyl chloride
 Concen: 55.679 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037888.D
 Acq: 17 Oct 2024 14:21

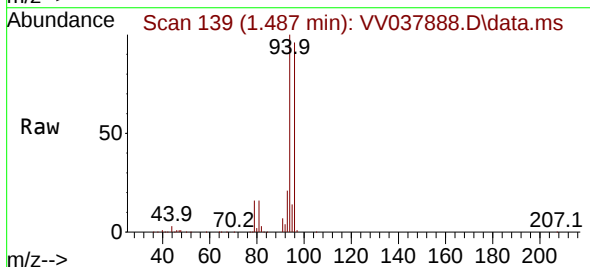
Instrument :
 MSVOA_V
 ClientSampleId :



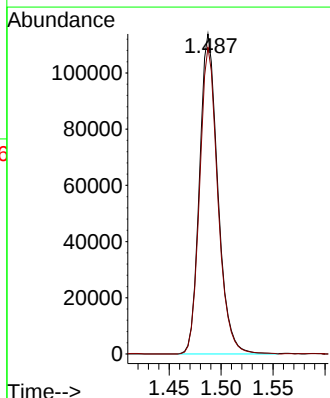
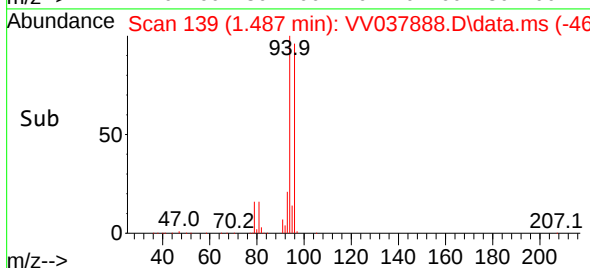
Tgt Ion: 62 Resp: 244722
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0

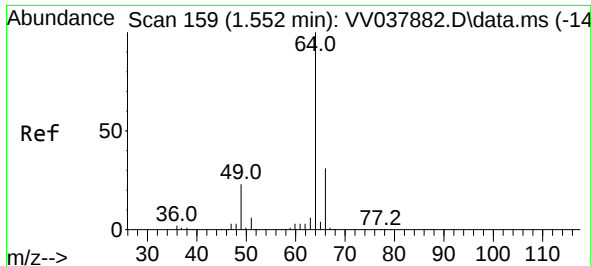


#6
 Bromomethane
 Concen: 57.456 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037888.D
 Acq: 17 Oct 2024 14:21



Tgt Ion: 94 Resp: 140144
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.8 122.2

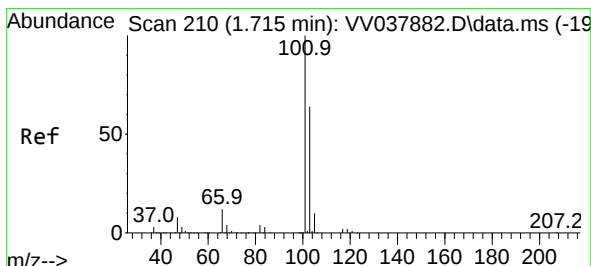
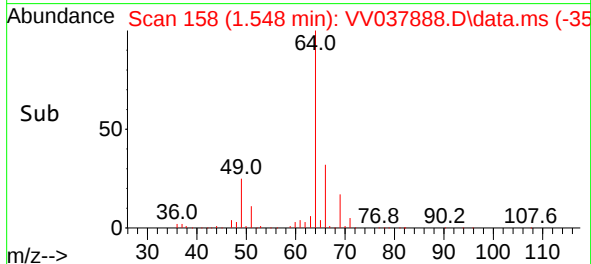
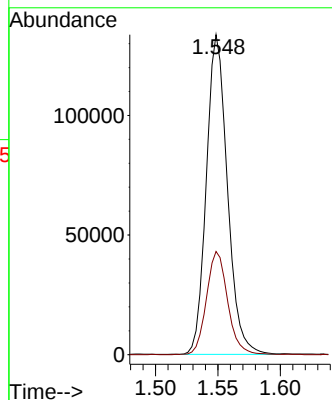
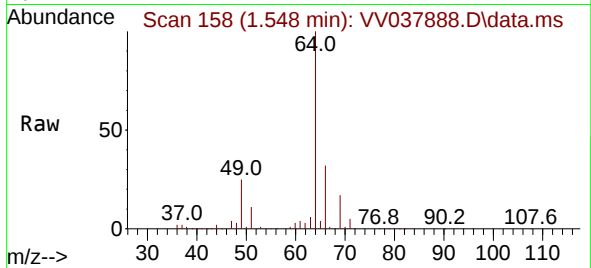




#8
Chloroethane
Concen: 57.911 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

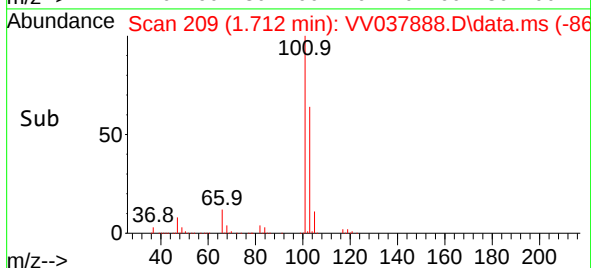
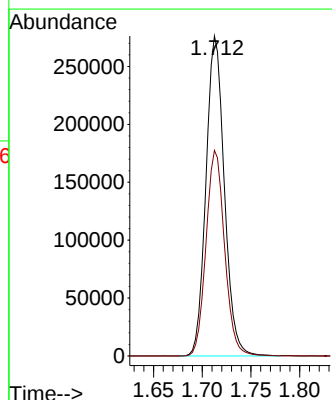
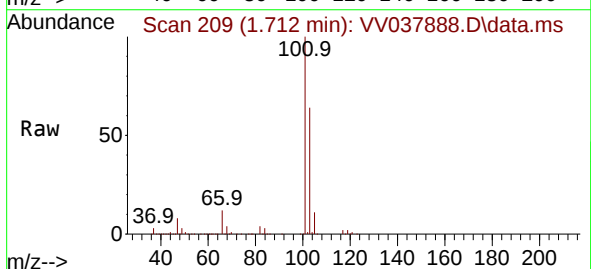
Instrument :
MSVOA_V
ClientSampleId :

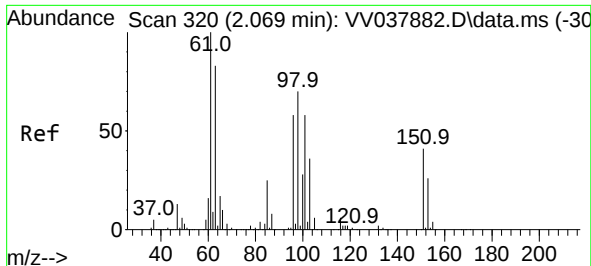
Tgt Ion: 64 Resp: 156884
Ion Ratio Lower Upper
64 100
66 32.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 61.244 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

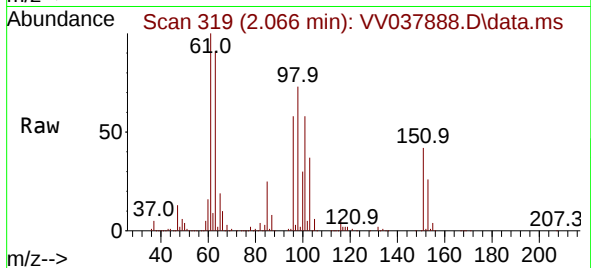
Tgt Ion: 101 Resp: 362340
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4



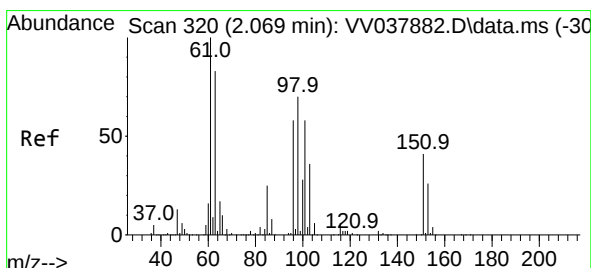
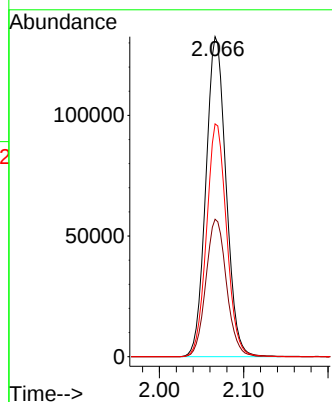
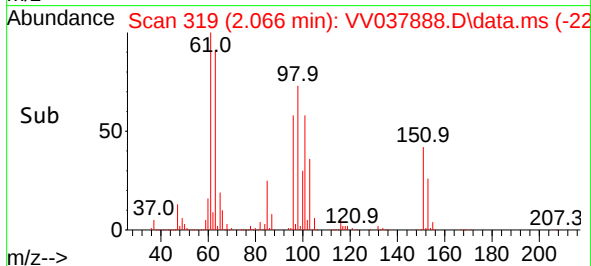


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 62.623 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037888.D
 Acq: 17 Oct 2024 14:21

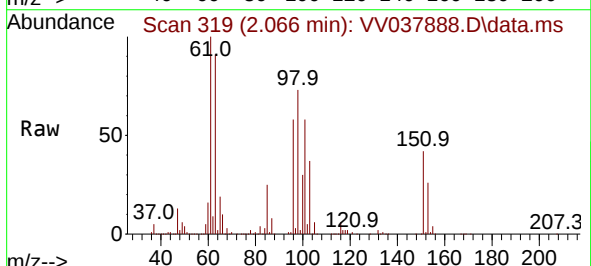
Instrument :
 MSVOA_V
 ClientSampleId :



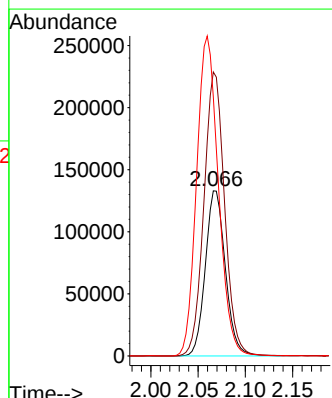
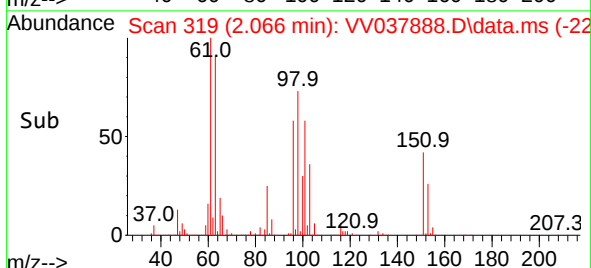
Tgt Ion:101 Resp: 221396
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.6 52.0
 151 72.3 57.5 86.3

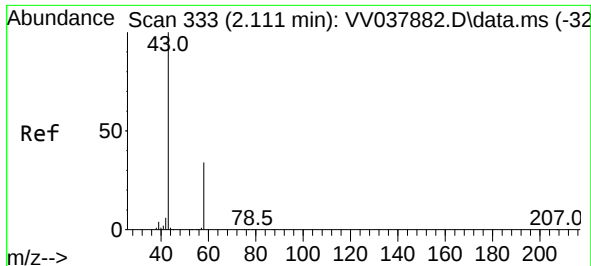


#12
 1,1-Dichloroethene
 Concen: 59.341 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037888.D
 Acq: 17 Oct 2024 14:21



Tgt Ion: 96 Resp: 195972
 Ion Ratio Lower Upper
 96 100
 61 172.0 122.6 227.6
 63 156.8 118.0 219.2





#13

Acetone

Concen: 82.115 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

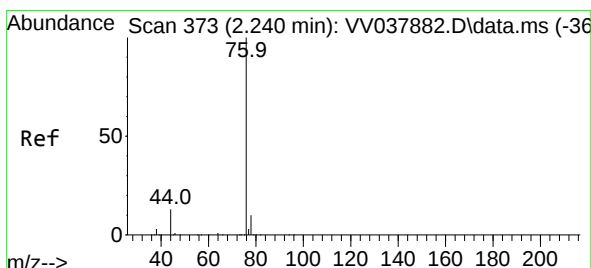
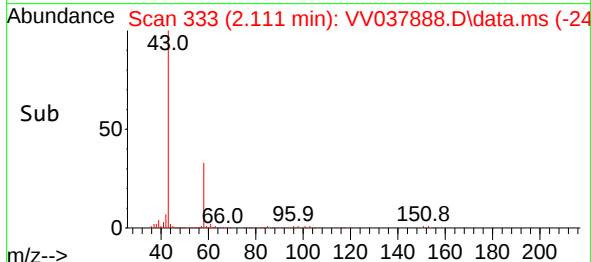
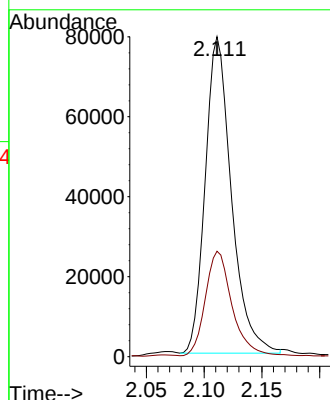
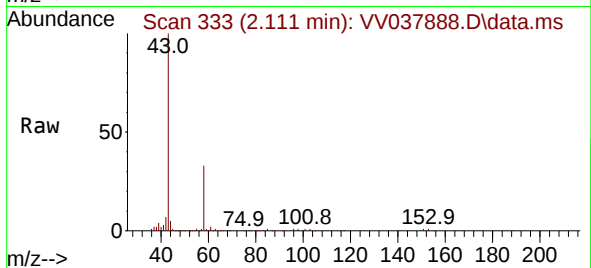
ClientSampleId :

Tgt Ion: 43 Resp: 124852

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.6



#14

Carbon disulfide

Concen: 49.506 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037888.D

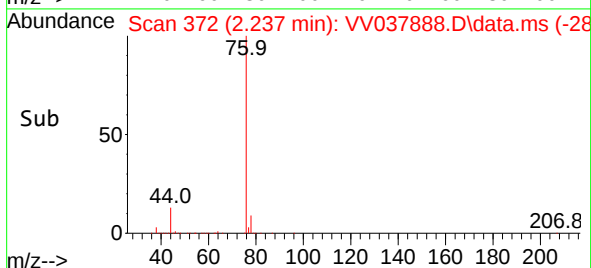
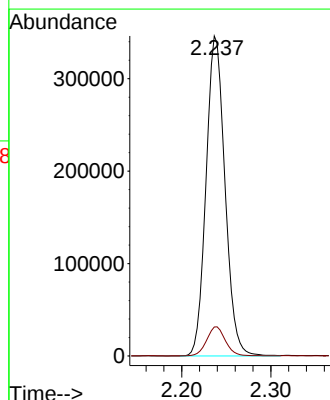
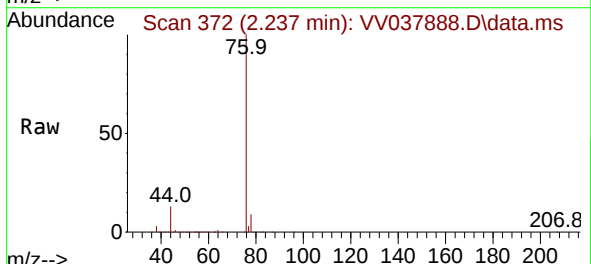
Acq: 17 Oct 2024 14:21

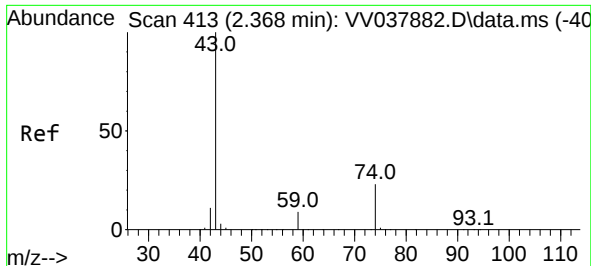
Tgt Ion: 76 Resp: 510328

Ion Ratio Lower Upper

76 100

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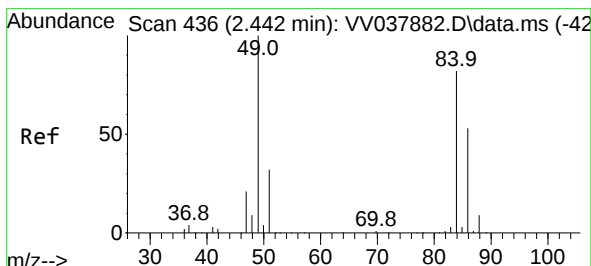
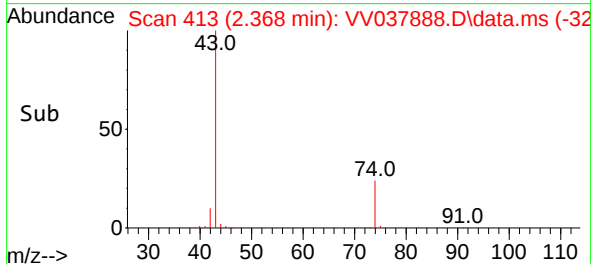
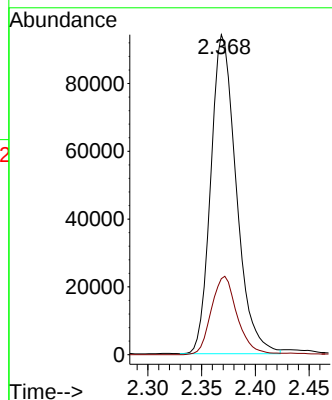
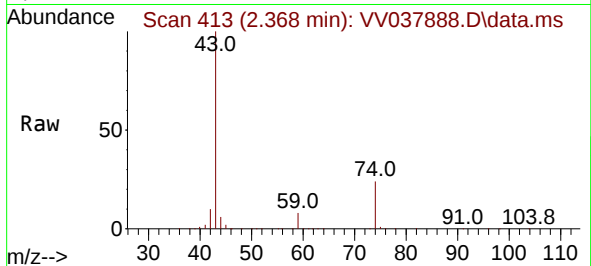




#15
Methyl Acetate
Concen: 58.572 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

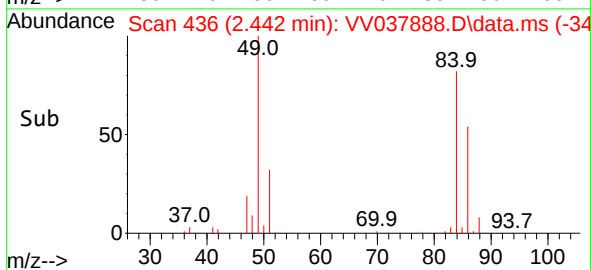
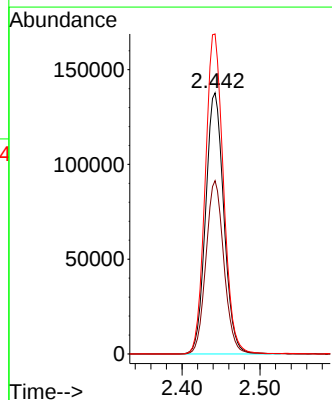
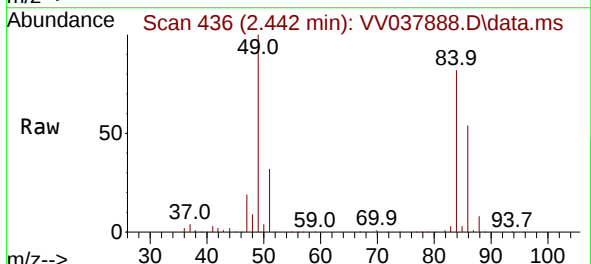
Instrument :
MSVOA_V
ClientSampleId :

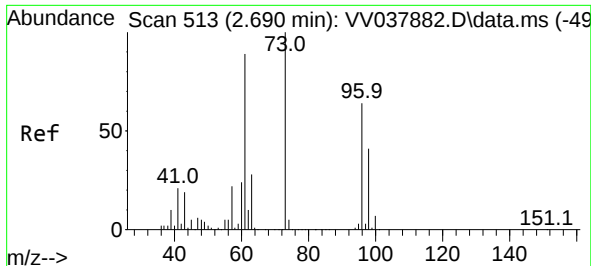
Tgt Ion: 43 Resp: 155415
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0



#16
Methylene chloride
Concen: 59.779 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 84 Resp: 223531
Ion Ratio Lower Upper
84 100
86 66.4 46.4 86.2
49 122.5 85.9 159.5

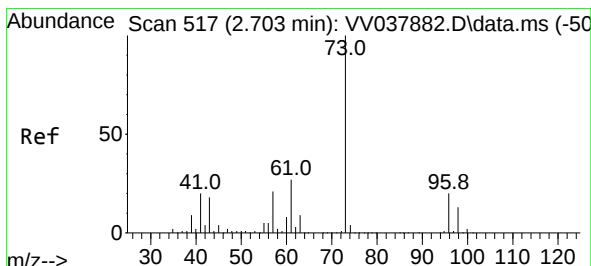
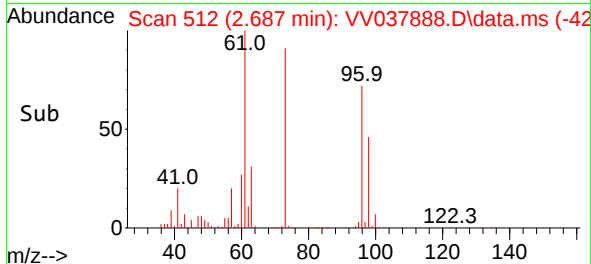
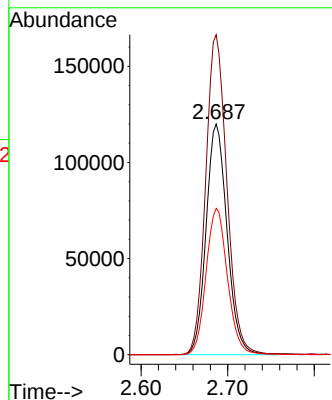
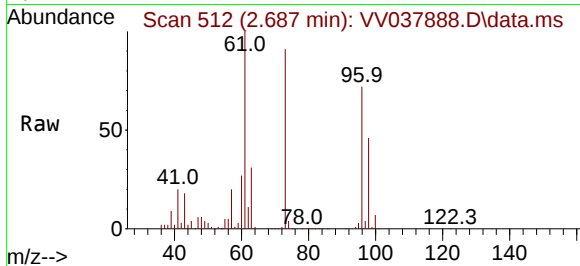




#17
trans-1,2-Dichloroethene
Concen: 57.972 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

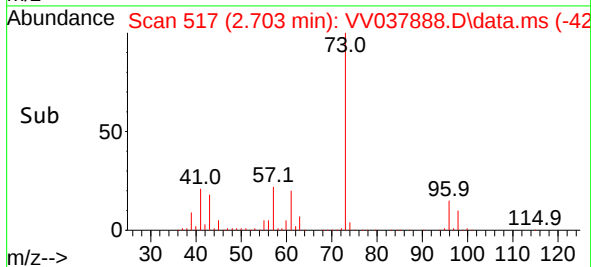
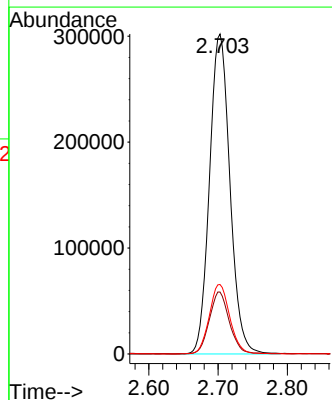
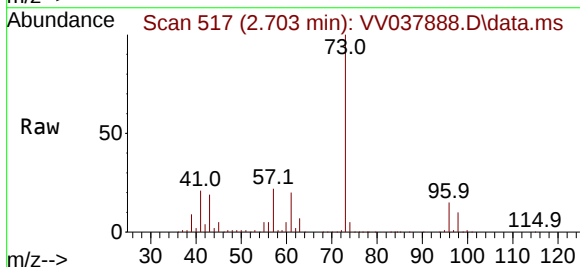
Instrument :
MSVOA_V
ClientSampleId :

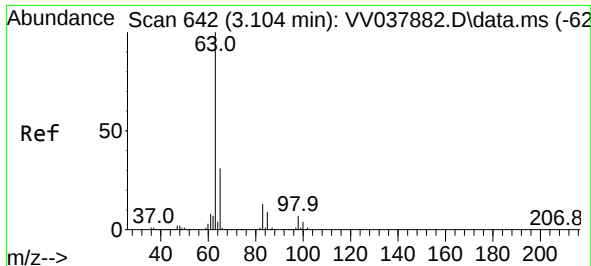
Tgt Ion: 96 Resp: 202535
Ion Ratio Lower Upper
96 100
61 138.7 97.3 180.7
98 63.4 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 61.675 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 73 Resp: 618194
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 21.9 17.4 26.2





#19

1,1-Dichloroethane

Concen: 61.913 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

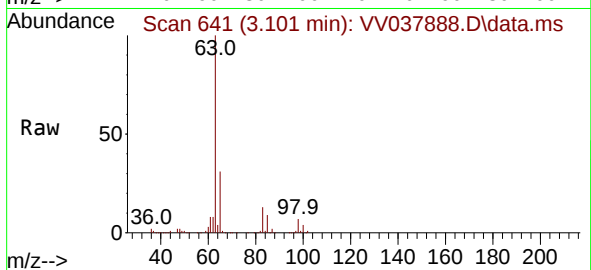
Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

ClientSampleId :



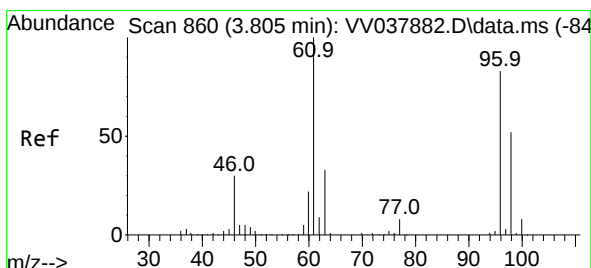
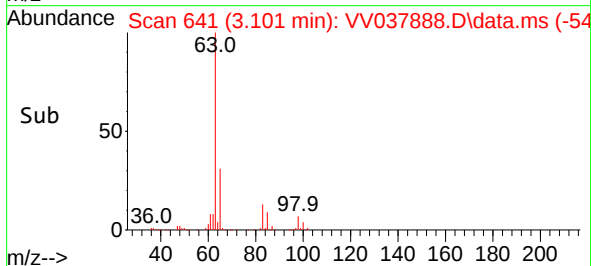
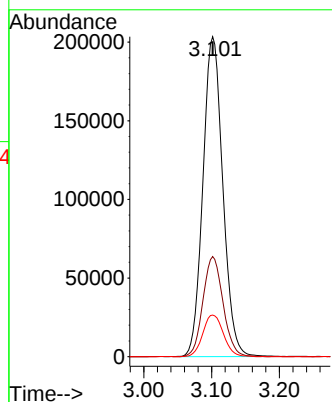
Tgt Ion: 63 Resp: 414432

Ion Ratio Lower Upper

63 100

65 31.3 22.4 41.6

83 13.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 61.016 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.003 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

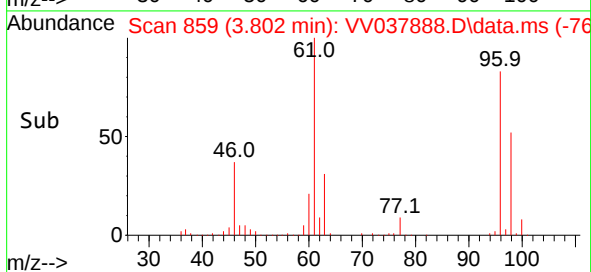
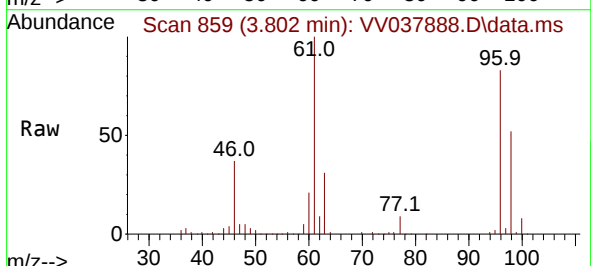
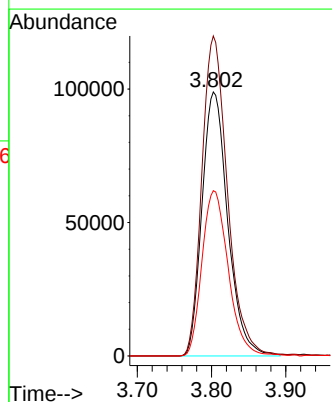
Tgt Ion: 96 Resp: 238548

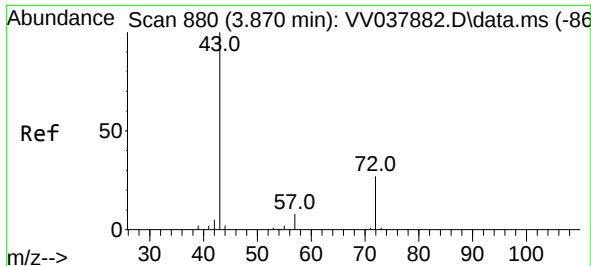
Ion Ratio Lower Upper

96 100

61 121.2 85.0 157.8

98 62.6 44.2 82.0

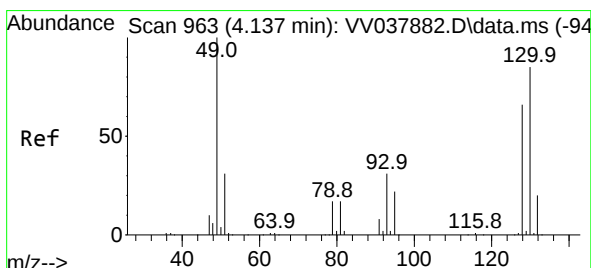
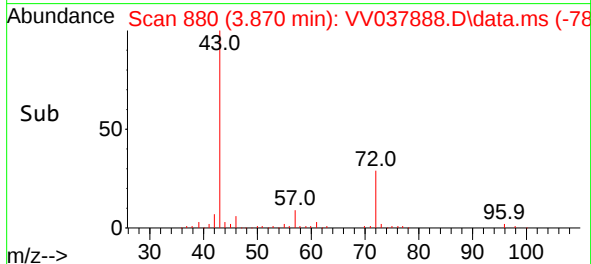
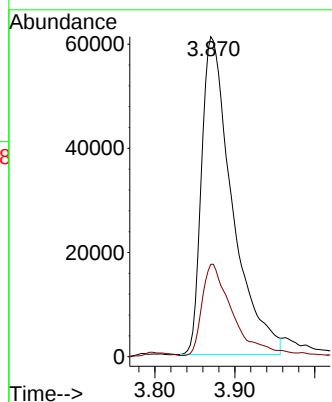
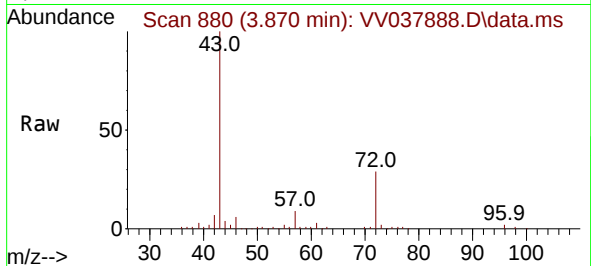




#22
2-Butanone
Concen: 96.719 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

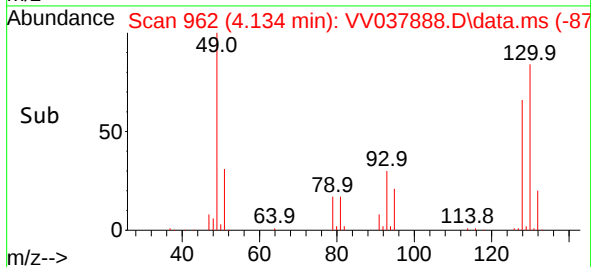
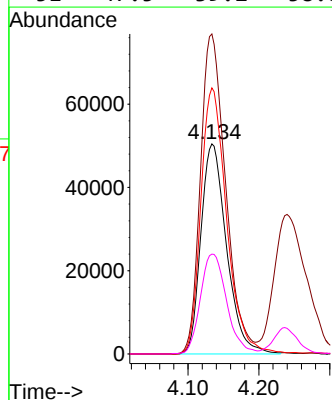
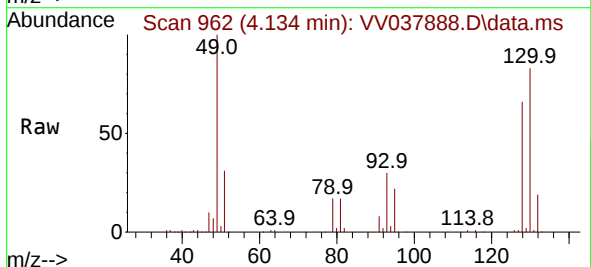
Instrument :
MSVOA_V
ClientSampleId :

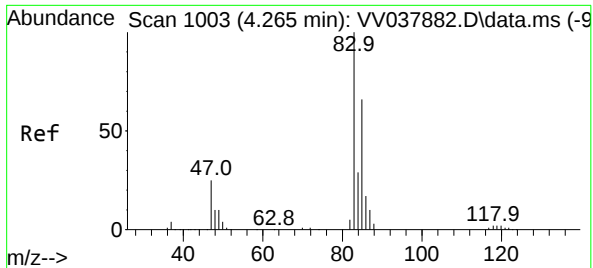
Tgt Ion: 43 Resp: 162768
Ion Ratio Lower Upper
43 100
72 27.9 14.3 42.9



#23
Bromochloromethane
Concen: 62.621 ug/L
RT: 4.134 min Scan# 962
Delta R.T. -0.003 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion:128 Resp: 126643
Ion Ratio Lower Upper
128 100
49 152.3 108.7 201.9
130 126.6 90.4 168.0
51 47.5 39.2 58.8

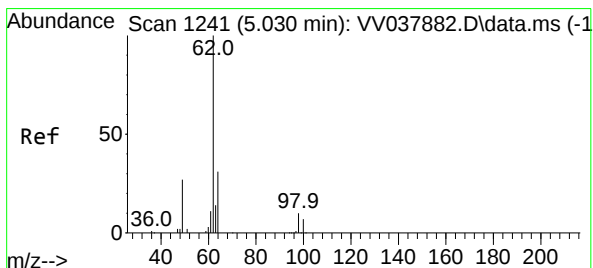
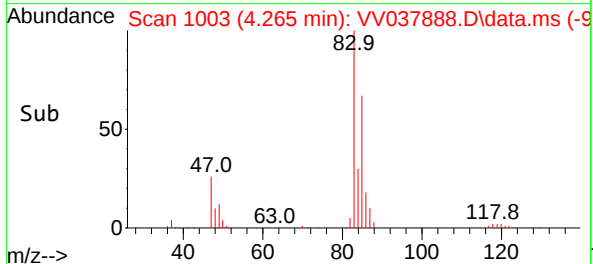
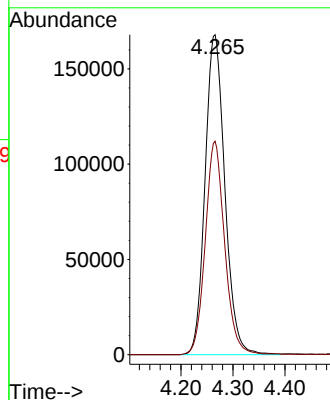
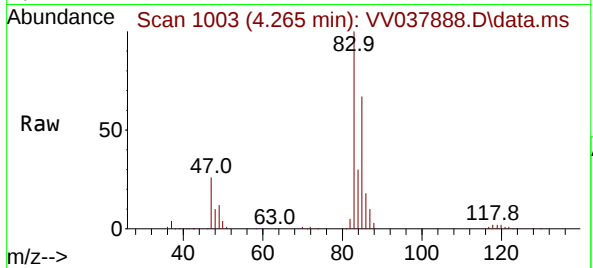




#25
Chloroform
Concen: 64.050 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

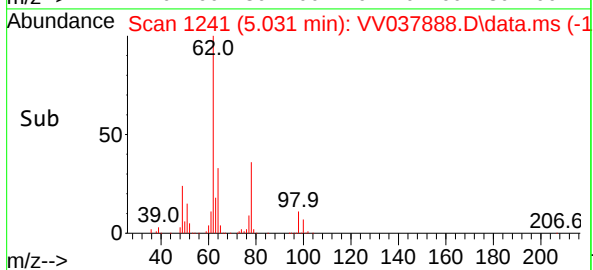
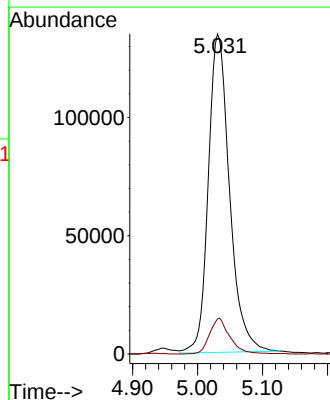
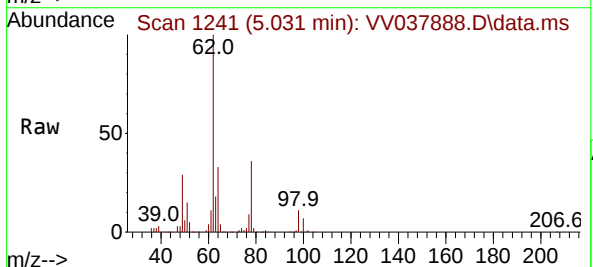
Instrument :
MSVOA_V
ClientSampleId :

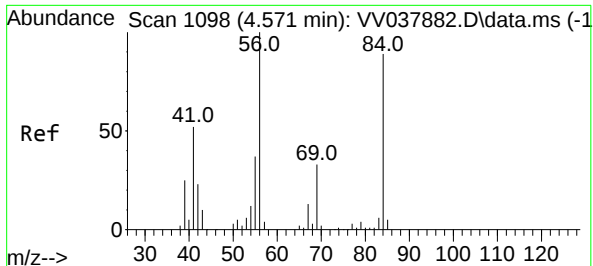
Tgt Ion: 83 Resp: 443894
Ion Ratio Lower Upper
83 100
85 66.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 62.646 ug/L
RT: 5.031 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 62 Resp: 306502
Ion Ratio Lower Upper
62 100
98 10.9 8.4 12.6

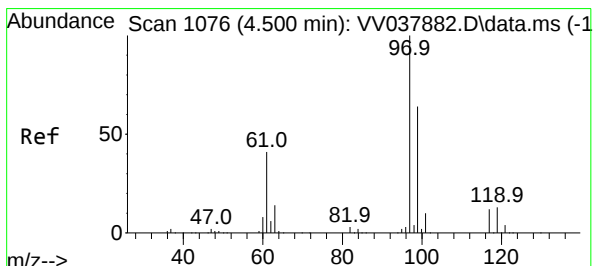
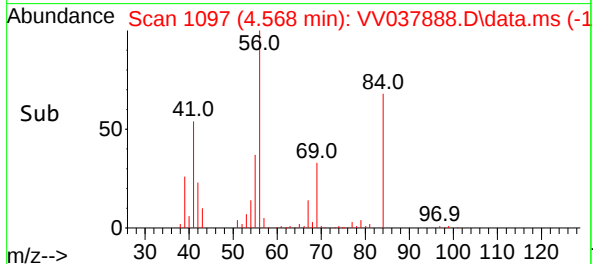
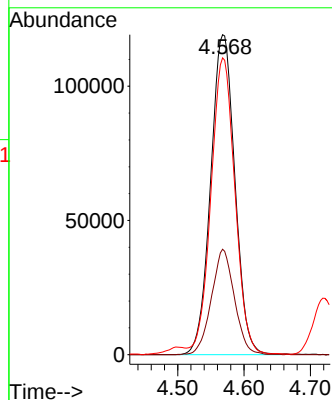
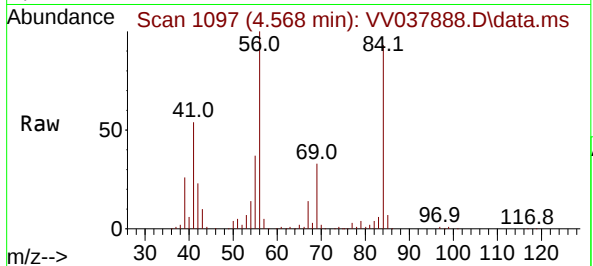




#29
Cyclohexane
Concen: 53.821 ug/L
RT: 4.568 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

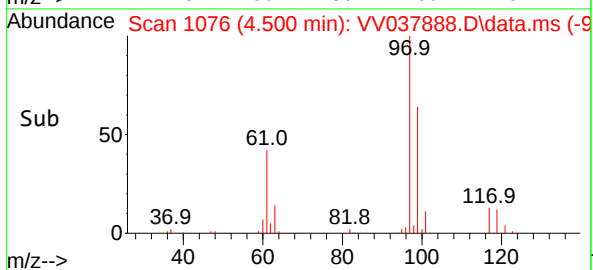
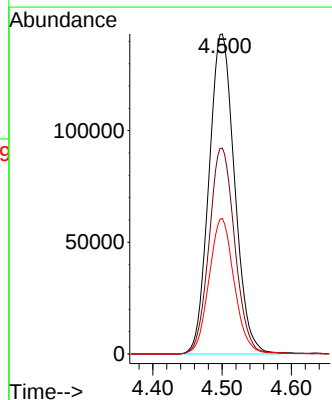
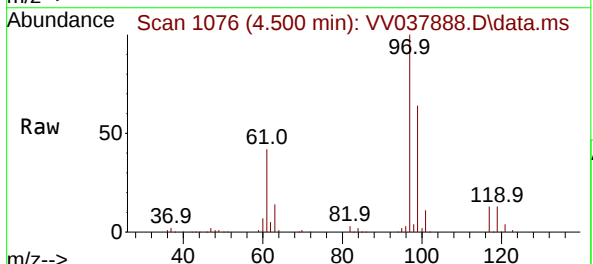
Instrument :
MSVOA_V
ClientSampleId :

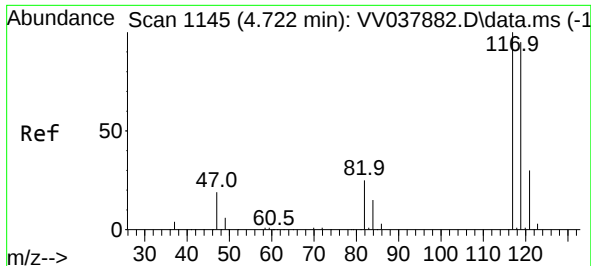
Tgt Ion: 56 Resp: 302490
Ion Ratio Lower Upper
56 100
69 31.3 24.7 37.1
84 91.0 73.4 110.0



#30
1,1,1-Trichloroethane
Concen: 60.404 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 97 Resp: 368256
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 41.6 33.6 50.4

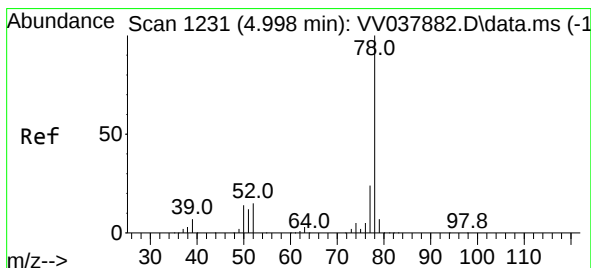
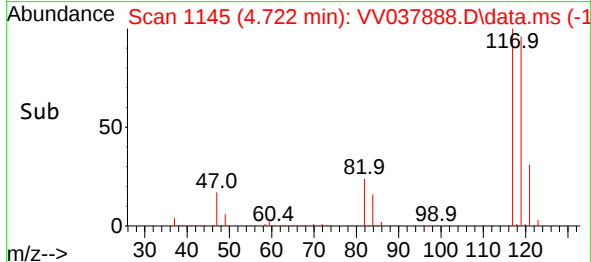
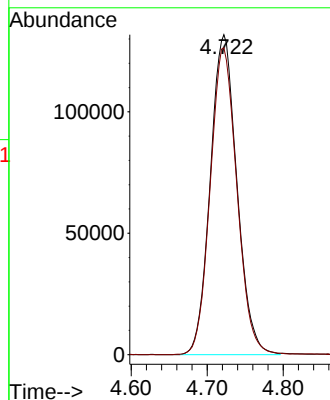
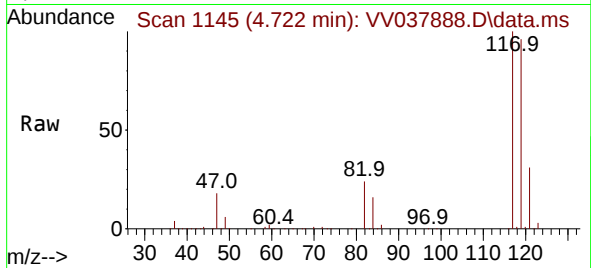




#31
Carbon tetrachloride
Concen: 60.508 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

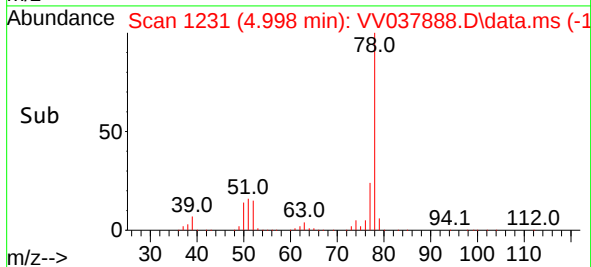
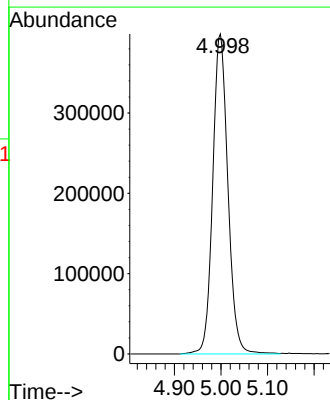
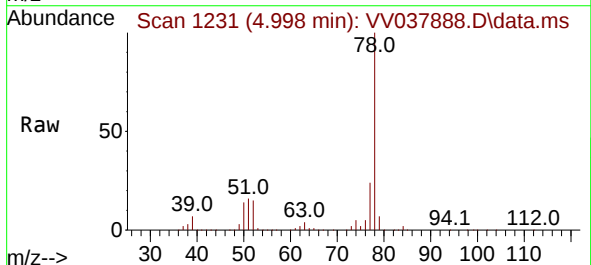
Instrument :
MSVOA_V
ClientSampleId :

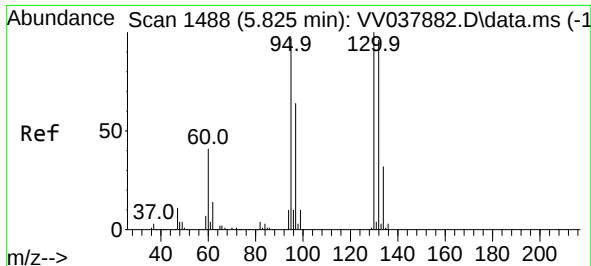
Tgt Ion:117 Resp: 320722
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 60.479 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 78 Resp: 902869

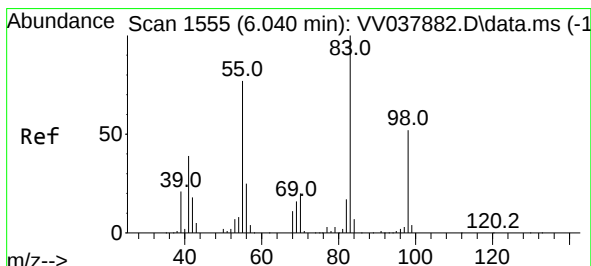
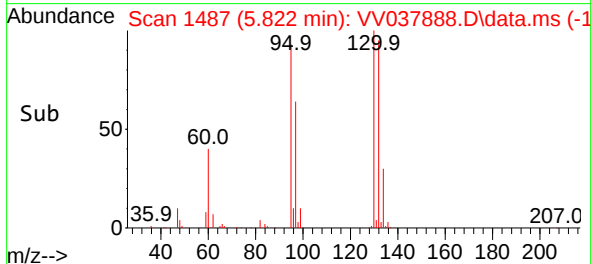
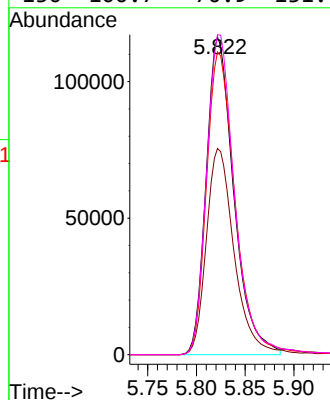
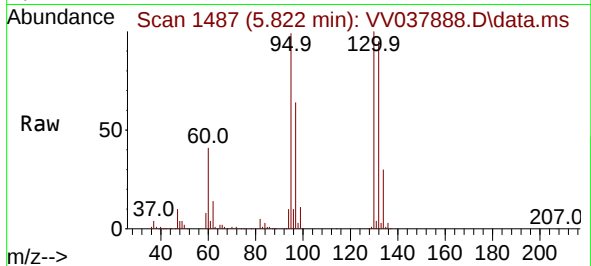




#34
Trichloroethene
Concen: 57.799 ug/L
RT: 5.822 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

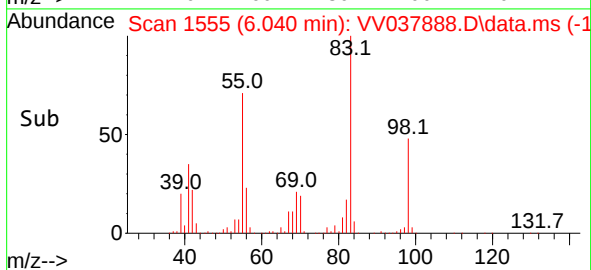
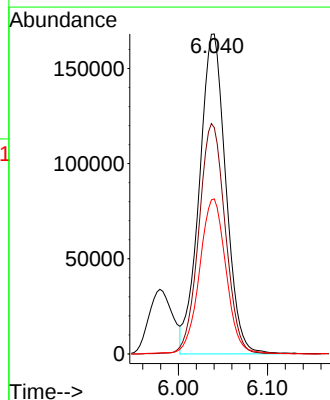
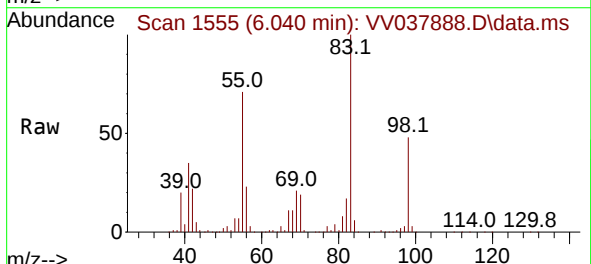
Instrument :
MSVOA_V
ClientSampleId :

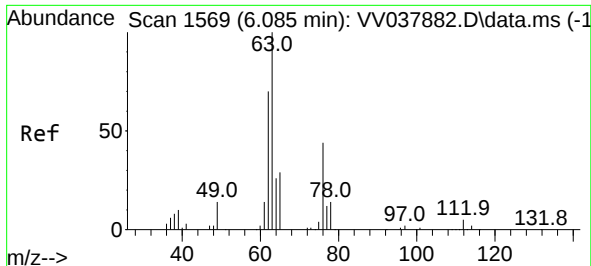
Tgt Ion: 95 Resp: 229791
Ion Ratio Lower Upper
95 100
97 64.9 46.3 85.9
132 95.3 68.6 127.4
130 100.7 70.9 131.7



#35
Methylcyclohexane
Concen: 56.623 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 83 Resp: 346314
Ion Ratio Lower Upper
83 100
55 71.9 57.9 86.9
98 48.3 39.3 58.9

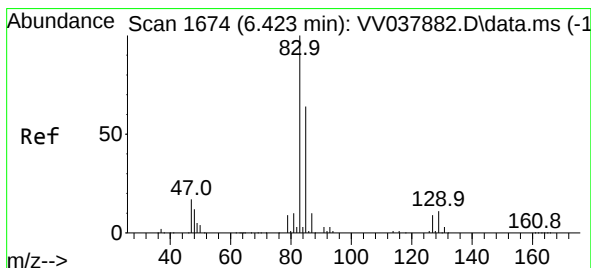
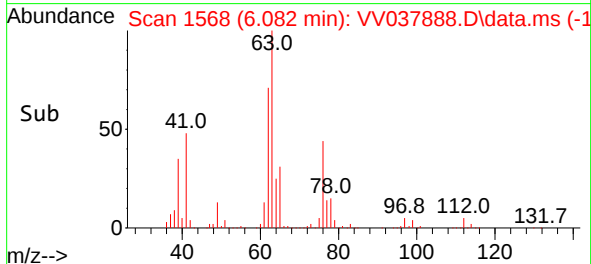
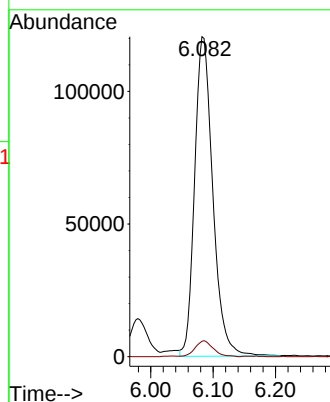
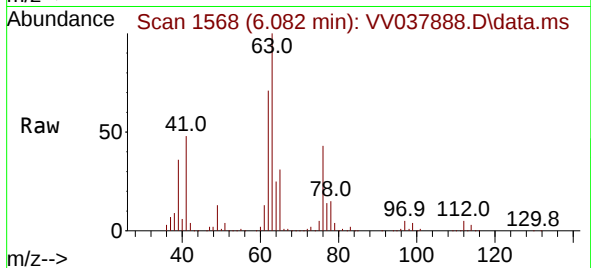




#37
1,2-Dichloropropane
Concen: 63.357 ug/L
RT: 6.082 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

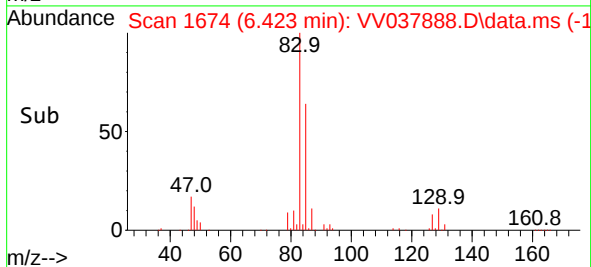
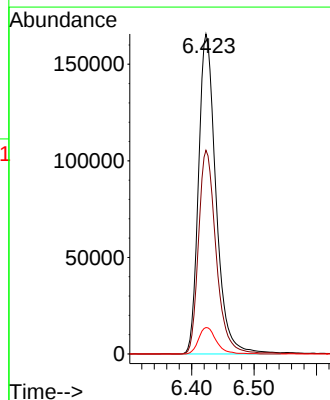
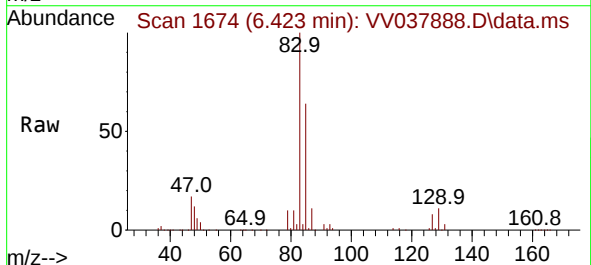
Instrument :
MSVOA_V
ClientSampleId :

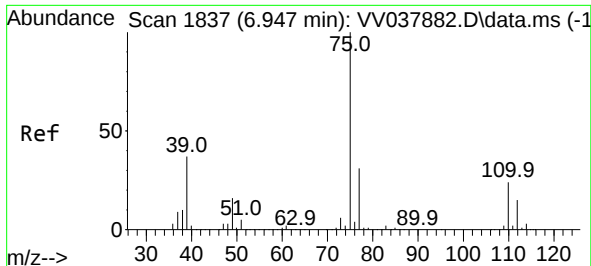
Tgt Ion: 63 Resp: 244241
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 62.694 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 83 Resp: 323084
Ion Ratio Lower Upper
83 100
85 63.7 45.7 84.9
127 8.2 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 57.685 ug/L

RT: 6.944 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

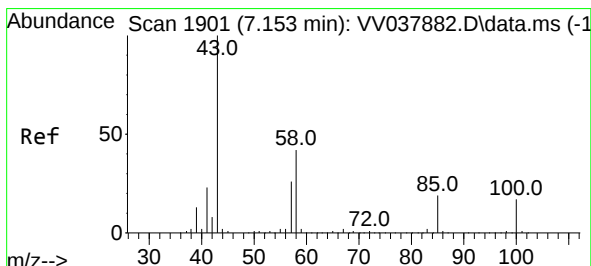
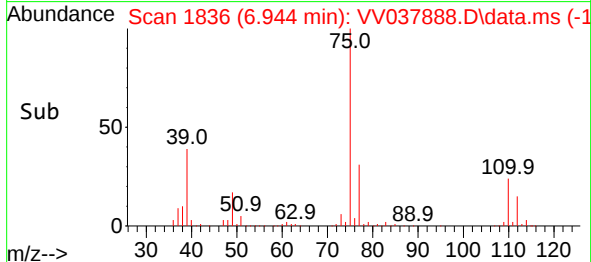
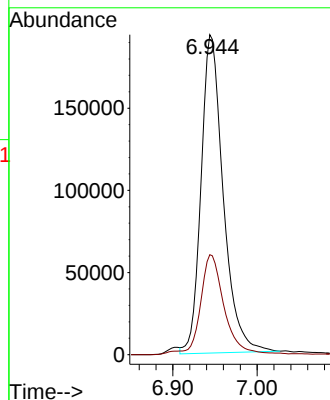
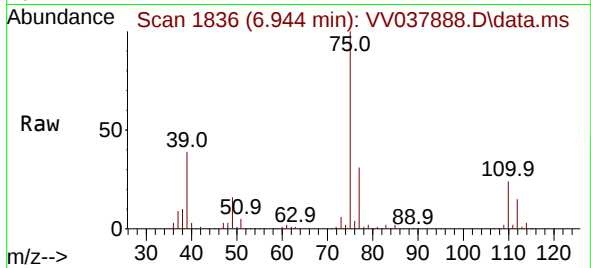
ClientSampleId :

Tgt Ion: 75 Resp: 354974

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 114.573 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

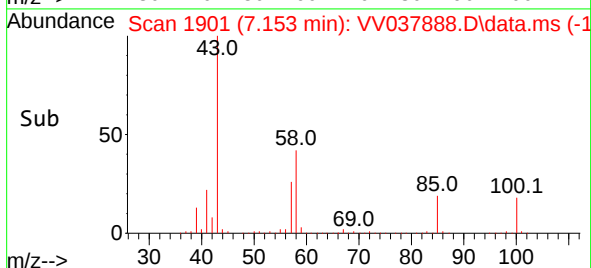
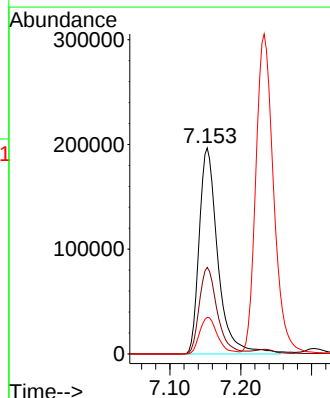
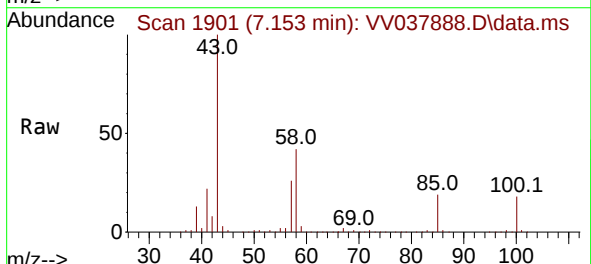
Tgt Ion: 43 Resp: 359620

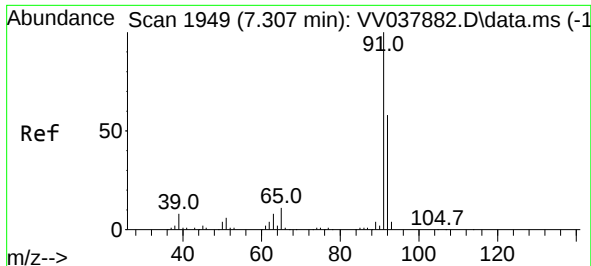
Ion Ratio Lower Upper

43 100

58 40.6 33.0 49.4

100 17.2 13.7 20.5





#42

Toluene

Concen: 61.970 ug/L

RT: 7.304 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

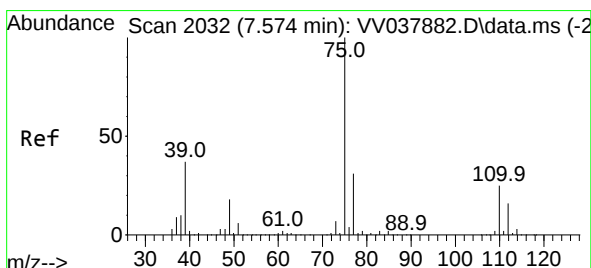
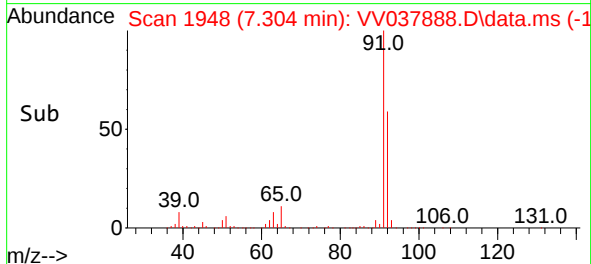
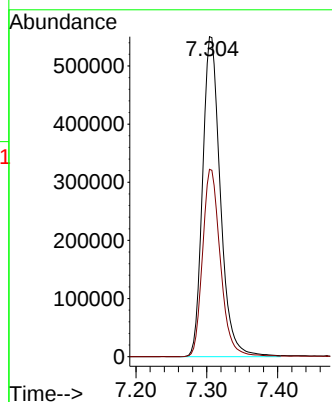
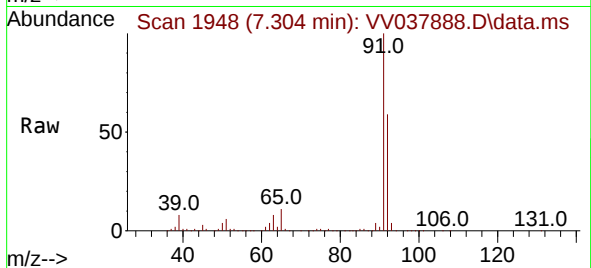
ClientSampleId :

Tgt Ion: 91 Resp: 959071

Ion Ratio Lower Upper

91 100

92 58.5 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 59.705 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037888.D

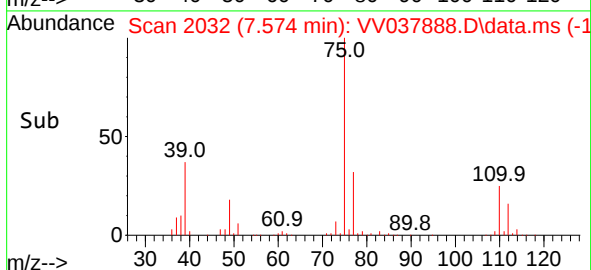
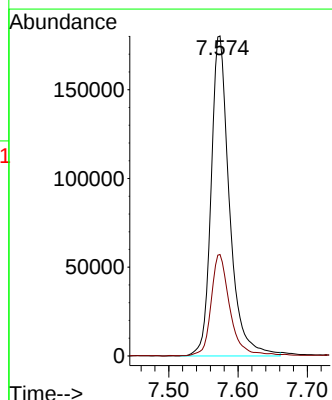
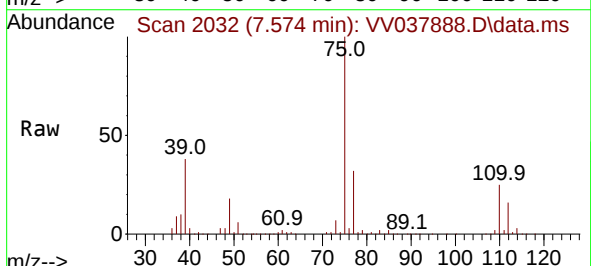
Acq: 17 Oct 2024 14:21

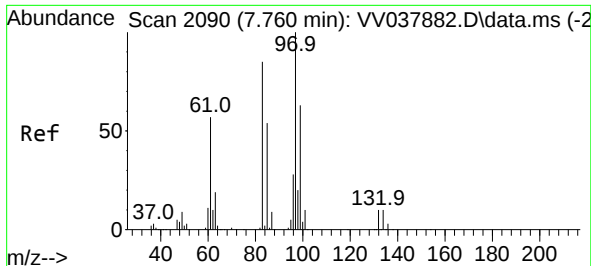
Tgt Ion: 75 Resp: 330779

Ion Ratio Lower Upper

75 100

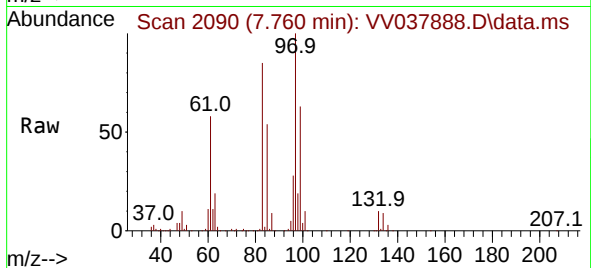
77 31.7 21.9 40.7



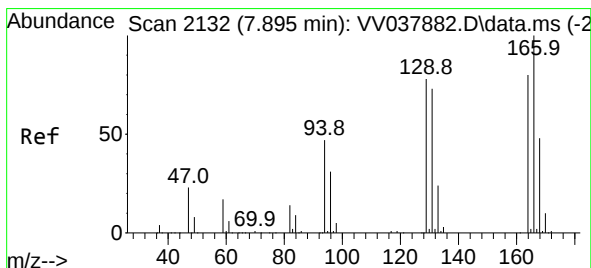
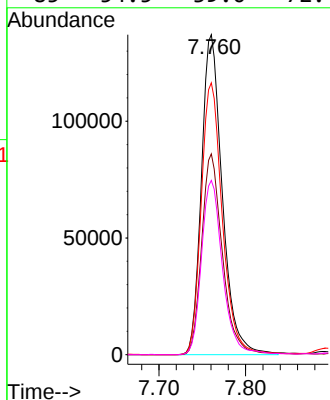
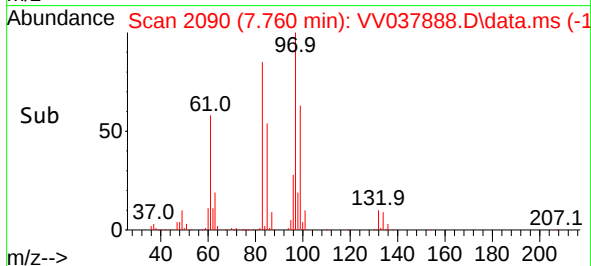


#45
1,1,2-Trichloroethane
Concen: 62.102 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Instrument :
MSVOA_V
ClientSampleId :

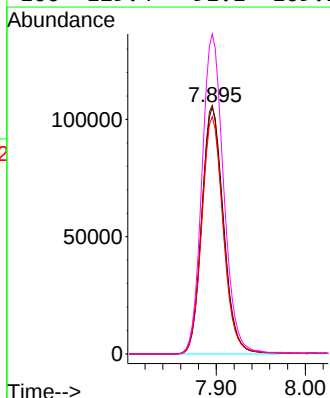
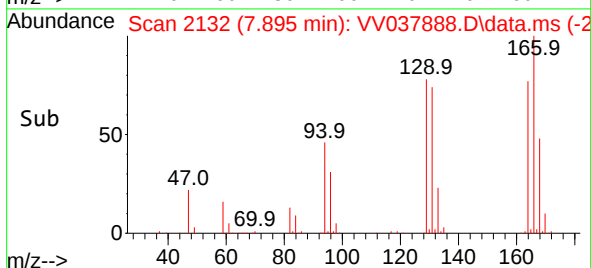
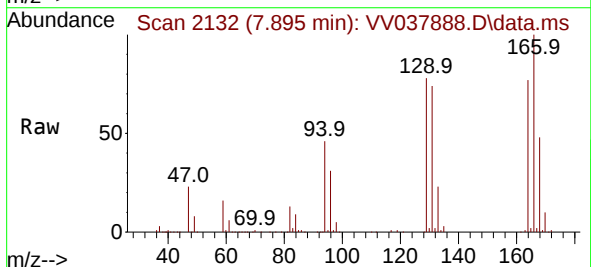


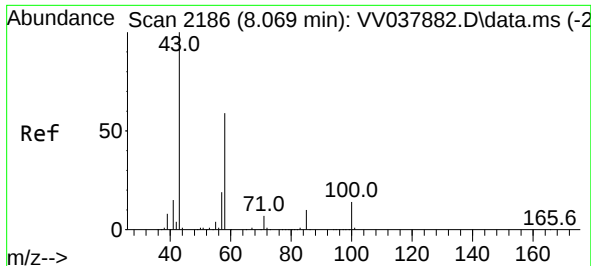
Tgt Ion:	97	Resp:	229876
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.1	81.9
83	84.9	59.3	110.1
85	54.5	39.0	72.4



#46
Tetrachloroethene
Concen: 58.503 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion:	164	Resp:	177830
Ion	Ratio	Lower	Upper
164	100		
129	100.5	68.2	126.6
131	96.0	66.1	122.8
166	129.4	91.1	169.1

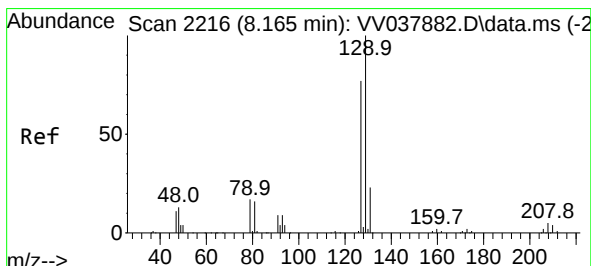
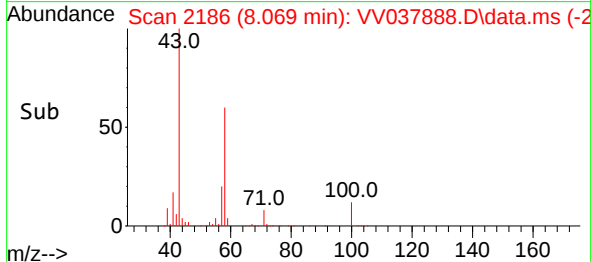
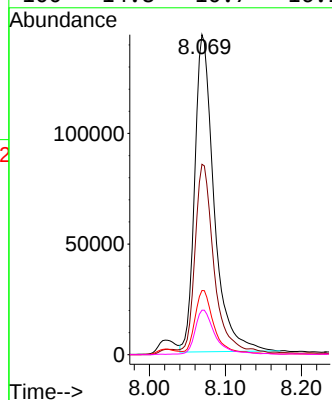
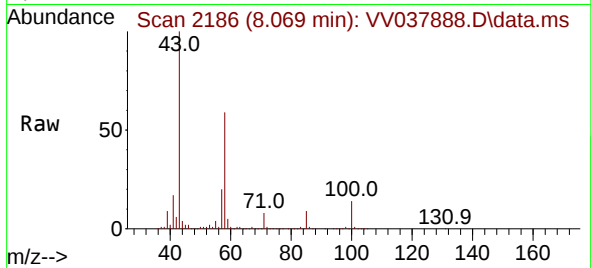




#48
2-Hexanone
Concen: 103.807 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

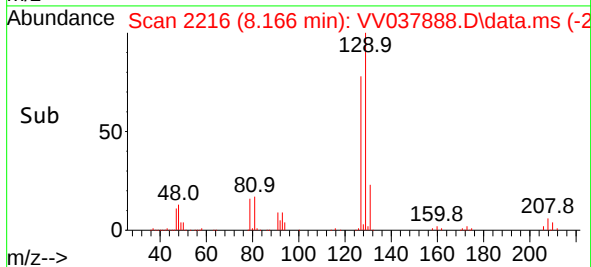
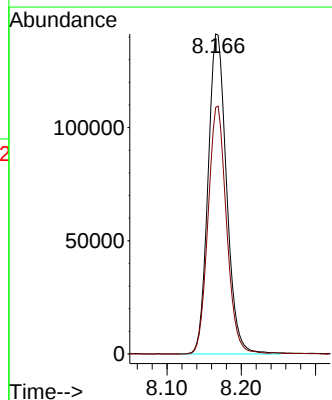
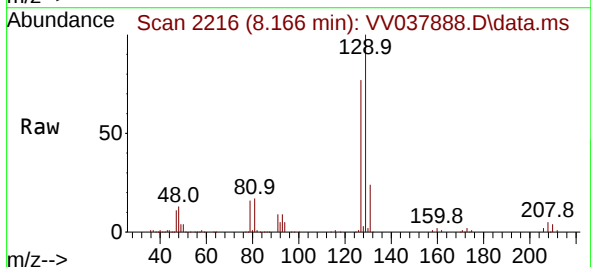
Instrument :
MSVOA_V
ClientSampleId :

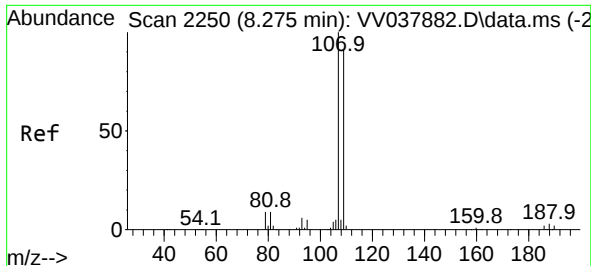
Tgt Ion: 43 Resp: 253357
Ion Ratio Lower Upper
43 100
58 56.1 46.5 69.7
57 20.2 15.1 22.7
100 14.8 10.7 16.1



#49
Dibromochloromethane
Concen: 62.412 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

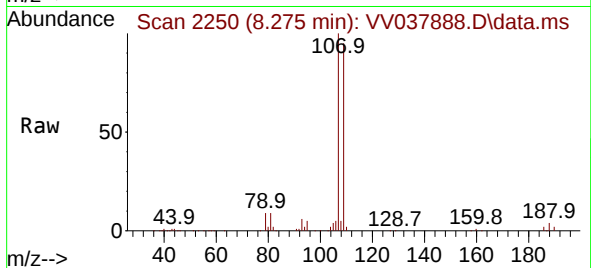
Tgt Ion: 129 Resp: 244512
Ion Ratio Lower Upper
129 100
127 77.1 54.9 101.9



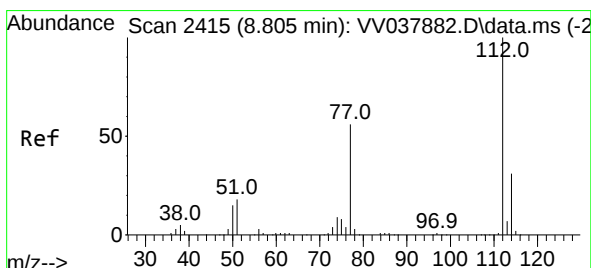
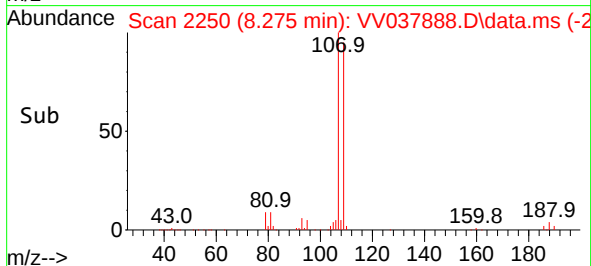
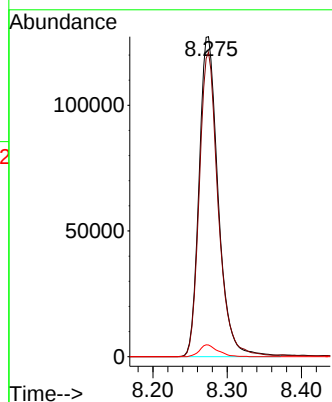


#50
1,2-Dibromoethane
Concen: 59.560 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Instrument :
MSVOA_V
ClientSampleId :

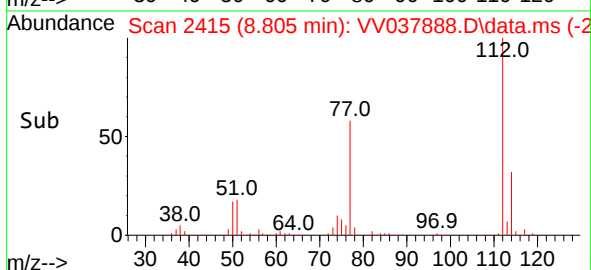
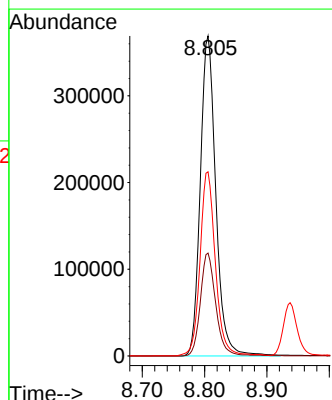
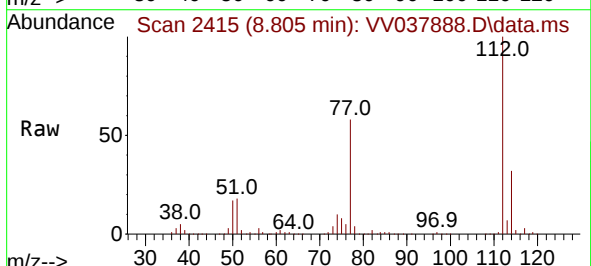


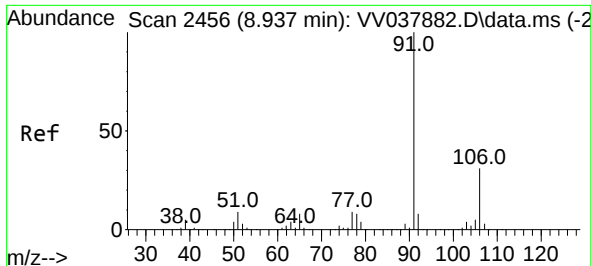
Tgt Ion:107 Resp: 227898
Ion Ratio Lower Upper
107 100
109 95.1 65.7 121.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 60.562 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion:112 Resp: 638566
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 57.6 45.8 68.8

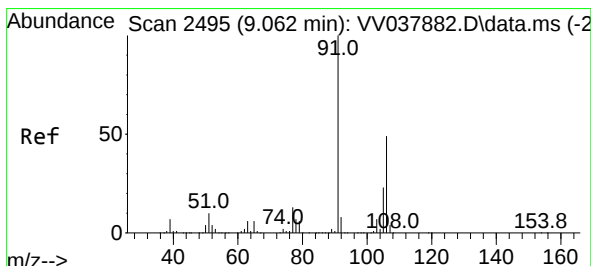
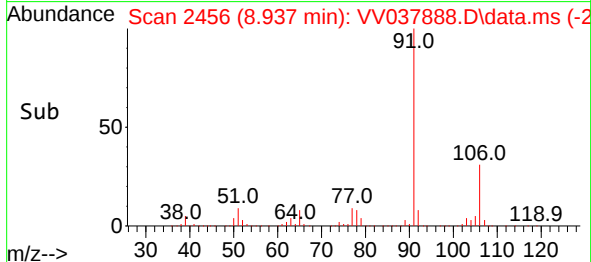
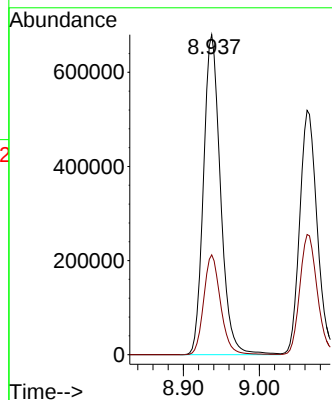
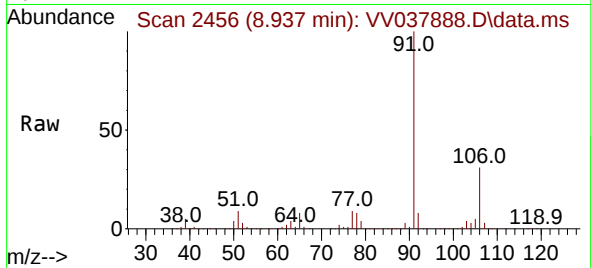




#52
Ethylbenzene
Concen: 60.750 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

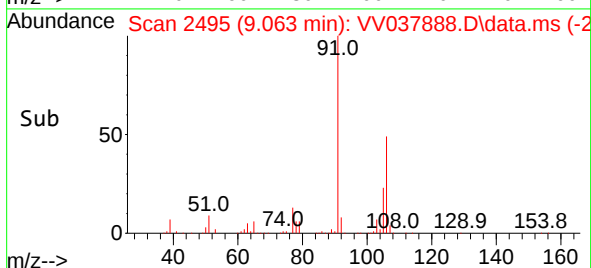
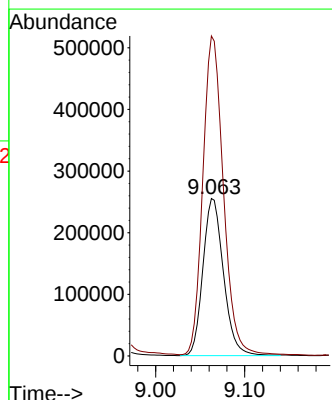
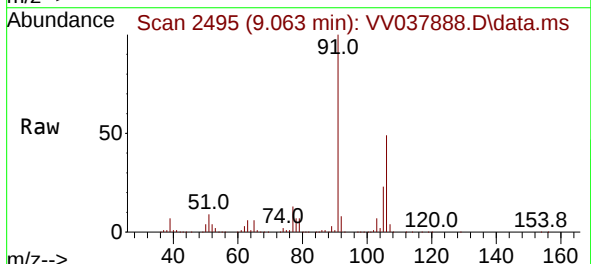
Instrument :
MSVOA_V
ClientSampleId :

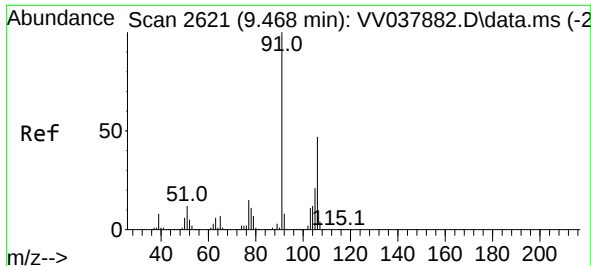
Tgt Ion: 91 Resp: 1058330
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7



#53
m,p-Xylene
Concen: 63.033 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 106 Resp: 408683
Ion Ratio Lower Upper
106 100
91 203.3 142.0 263.6

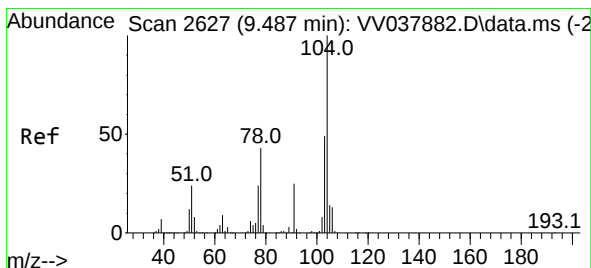
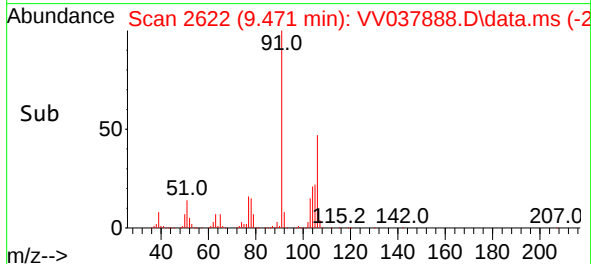
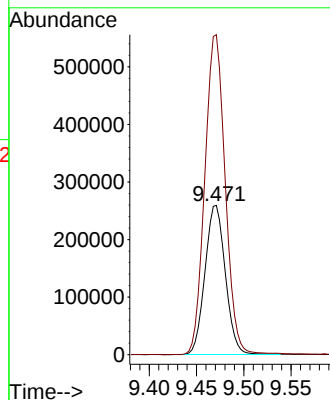
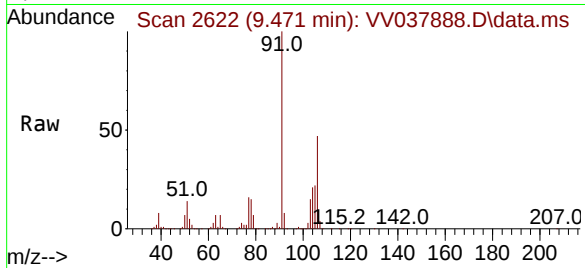




#54
o-Xylene
Concen: 61.436 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

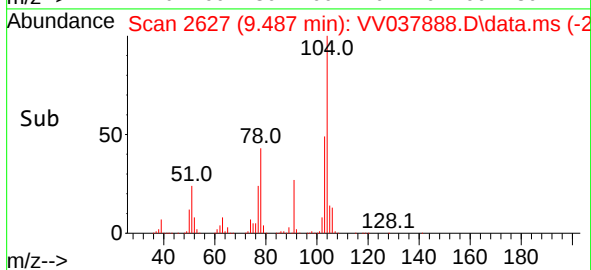
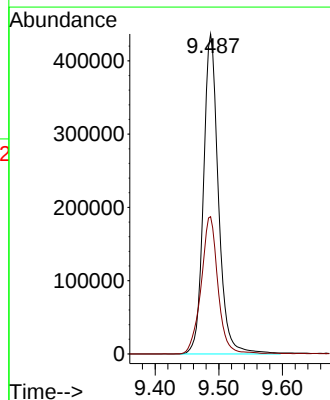
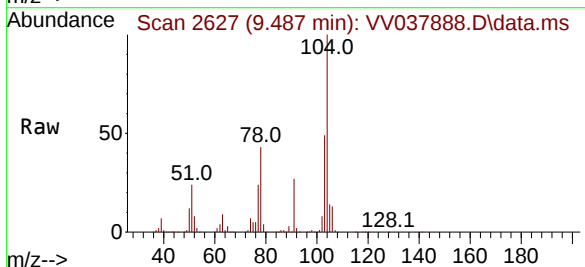
Instrument :
MSVOA_V
ClientSampleId :

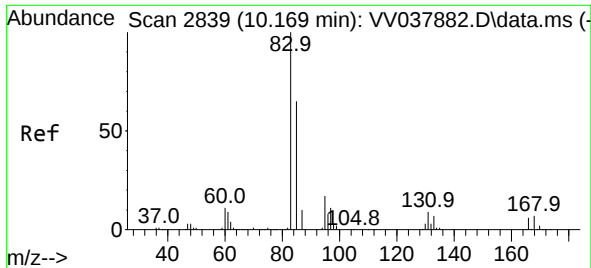
Tgt Ion:106 Resp: 388881
Ion Ratio Lower Upper
106 100
91 214.4 153.9 285.9



#55
Styrene
Concen: 64.682 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion:104 Resp: 712750
Ion Ratio Lower Upper
104 100
78 42.9 30.0 55.6

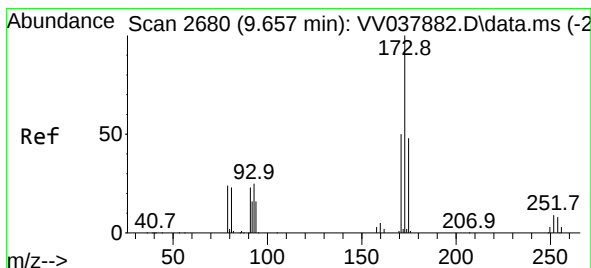
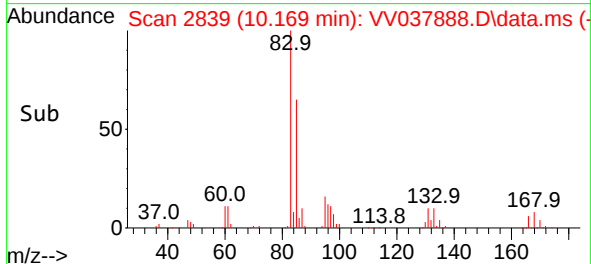
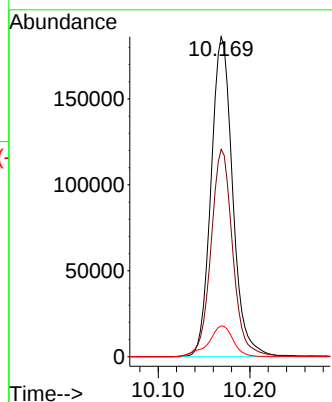
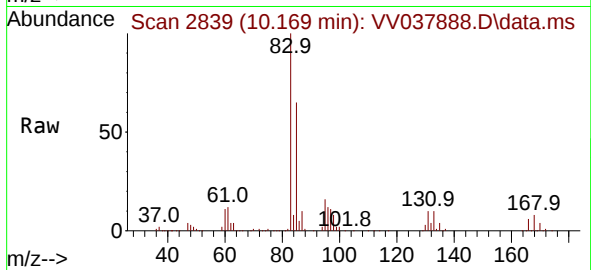




#57
 1,1,2,2-Tetrachloroethane
 Concen: 59.101 ug/L
 RT: 10.169 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037888.D
 Acq: 17 Oct 2024 14:21

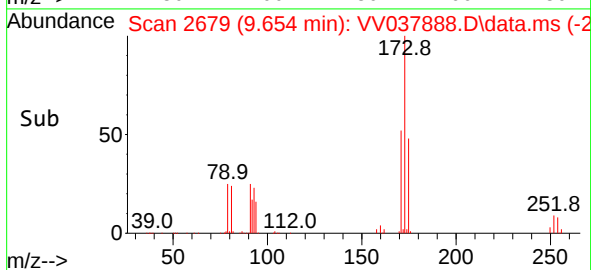
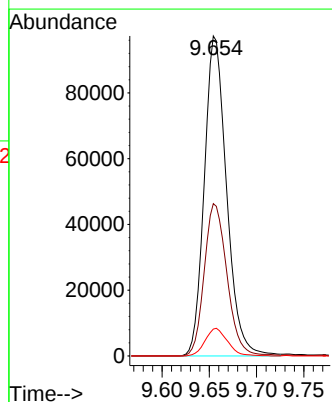
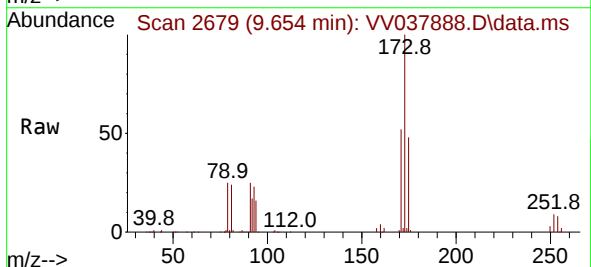
Instrument :
 MSVOA_V
 ClientSampleId :

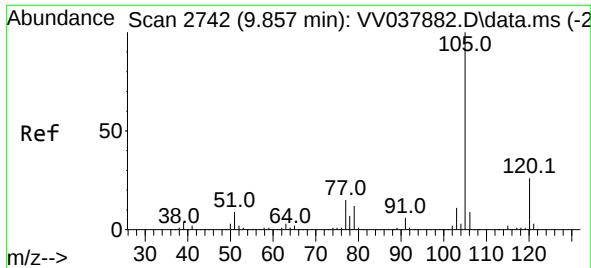
Tgt Ion: 83 Resp: 305010
 Ion Ratio Lower Upper
 83 100
 85 64.8 45.9 85.3
 131 9.6 7.9 11.9



#59
 Bromoform
 Concen: 57.696 ug/L
 RT: 9.654 min Scan# 2679
 Delta R.T. -0.003 min
 Lab File: VV037888.D
 Acq: 17 Oct 2024 14:21

Tgt Ion: 173 Resp: 159685
 Ion Ratio Lower Upper
 173 100
 175 48.6 40.0 60.0
 254 8.6 6.5 9.7

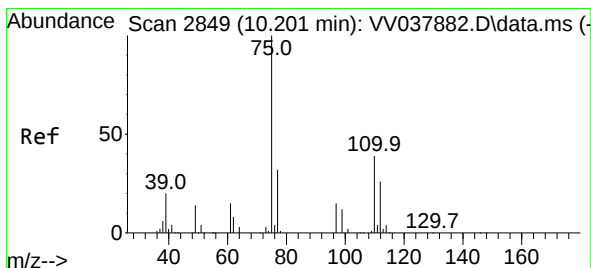
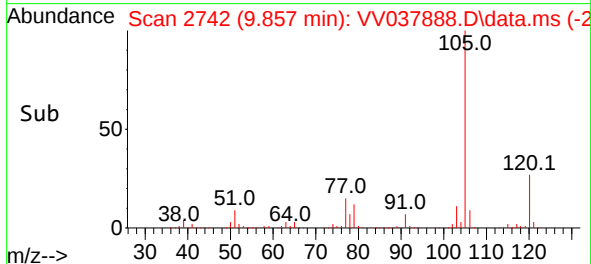
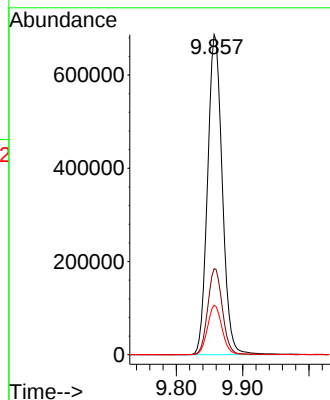
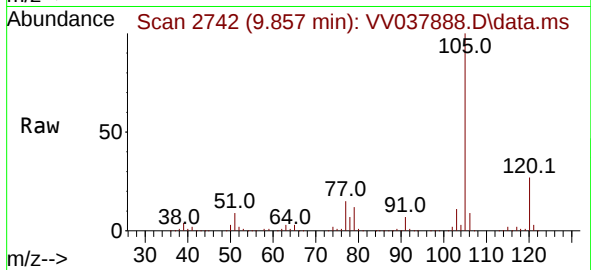




#60
Isopropylbenzene
Concen: 57.487 ug/L
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

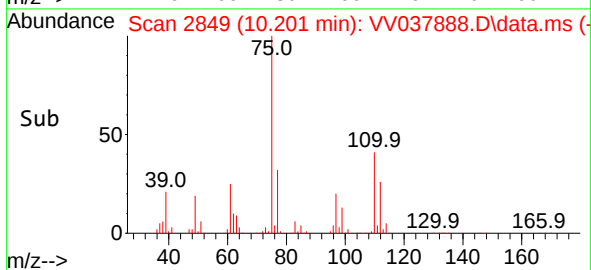
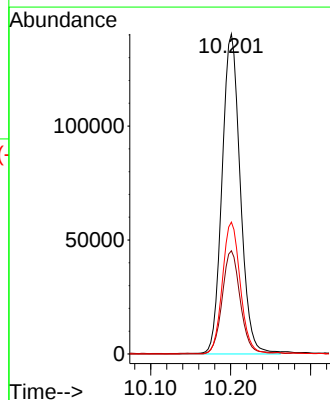
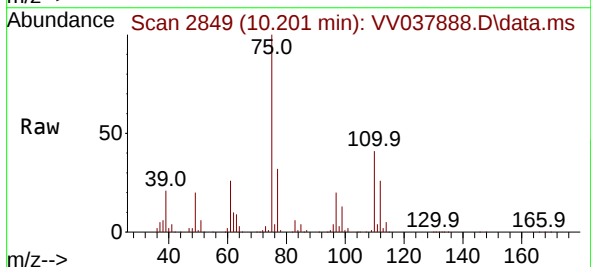
Instrument :
MSVOA_V
ClientSampleId :

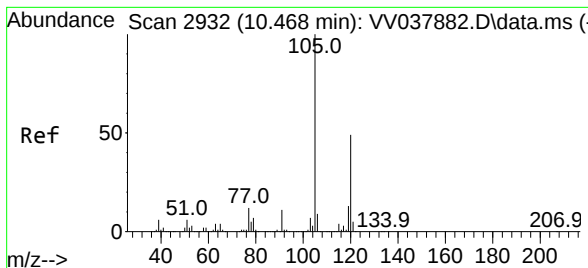
Tgt Ion:105 Resp: 1058358
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 55.063 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV037888.D
Acq: 17 Oct 2024 14:21

Tgt Ion: 75 Resp: 221873
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 40.4 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 58.313 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

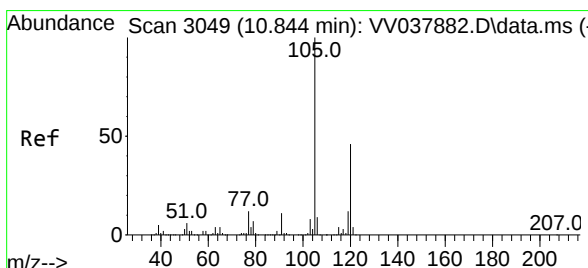
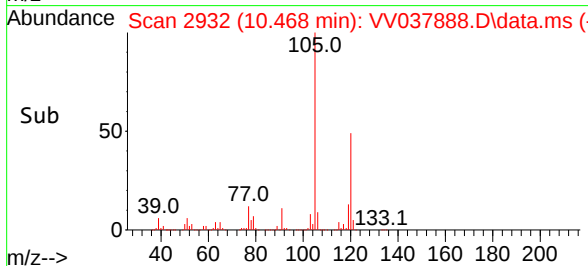
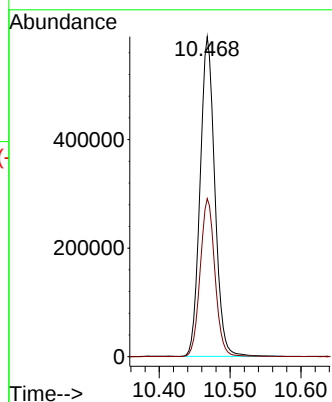
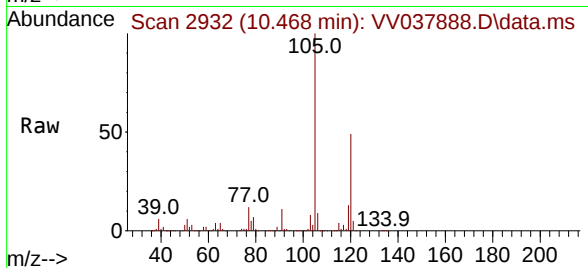
ClientSampleId :

Tgt Ion:105 Resp: 848772

Ion Ratio Lower Upper

105 100

120 49.5 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 58.694 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037888.D

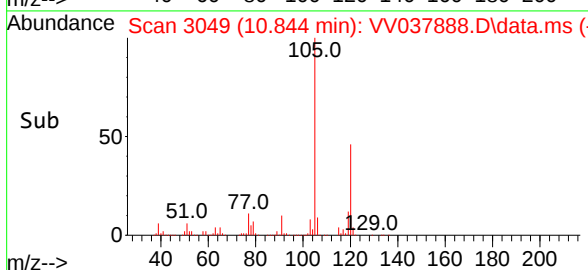
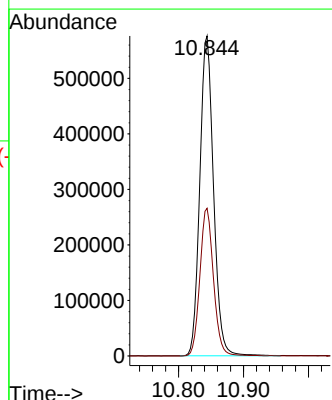
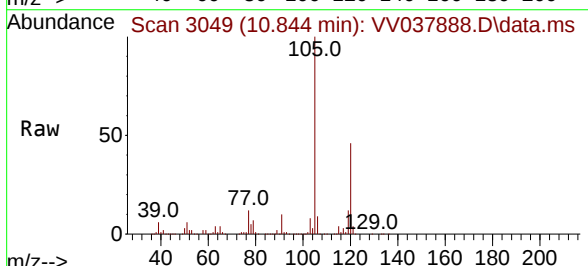
Acq: 17 Oct 2024 14:21

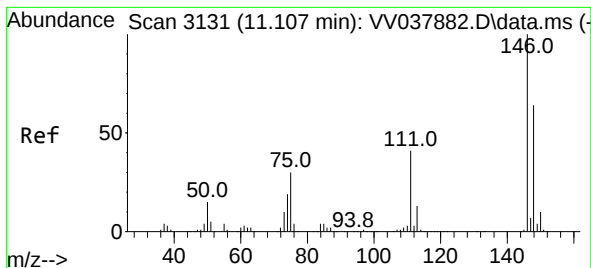
Tgt Ion:105 Resp: 850017

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 58.657 ug/L

RT: 11.108 min Scan# 3131

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

ClientSampleId :

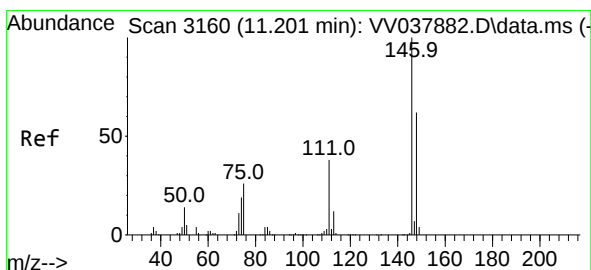
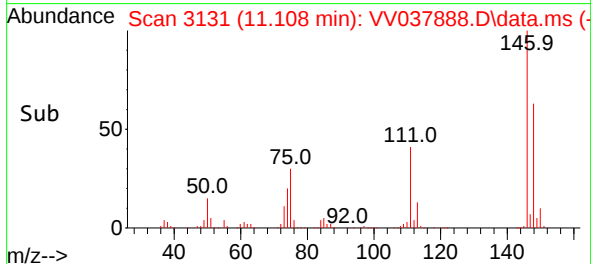
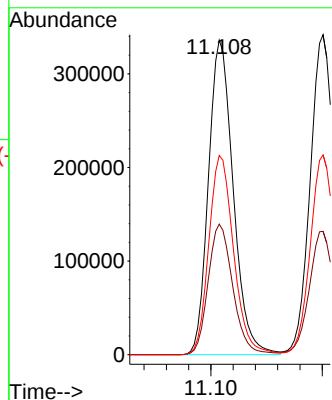
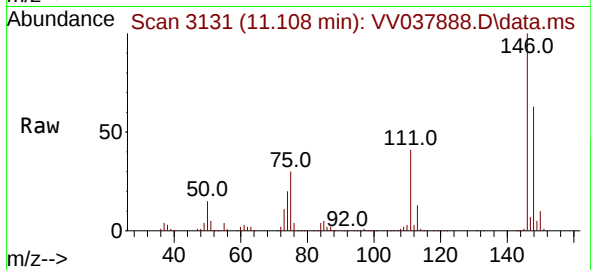
Tgt Ion:146 Resp: 519789

Ion Ratio Lower Upper

146 100

111 41.5 28.3 52.5

148 63.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 58.797 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

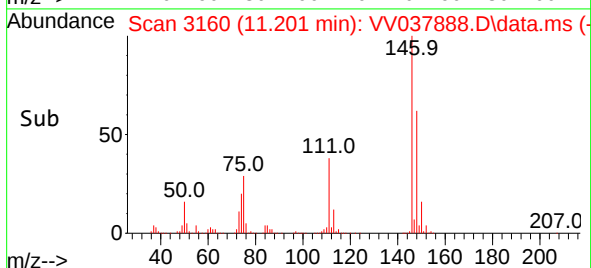
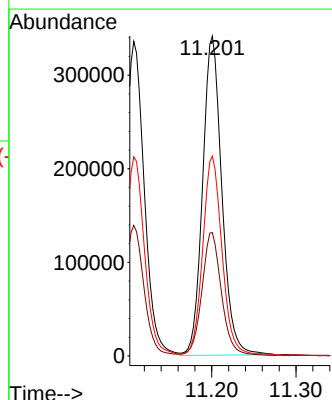
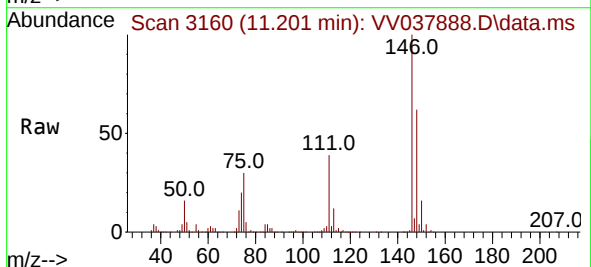
Tgt Ion:146 Resp: 542546

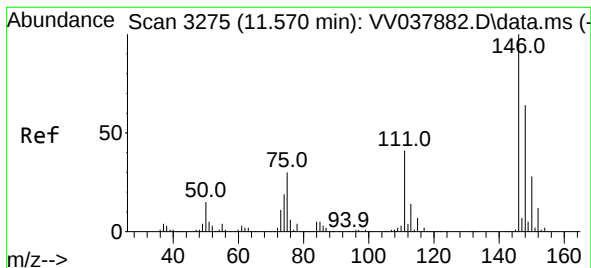
Ion Ratio Lower Upper

146 100

111 38.5 27.6 51.4

148 62.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 57.885 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

ClientSampleId :

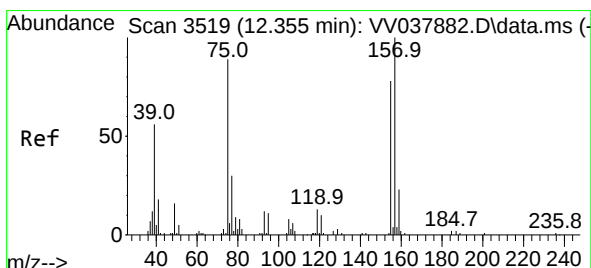
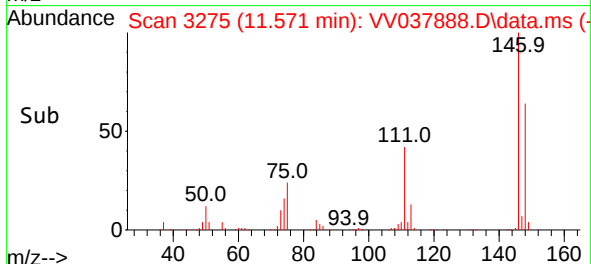
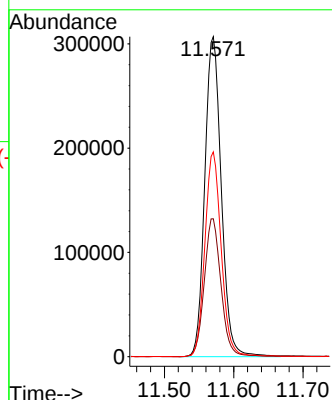
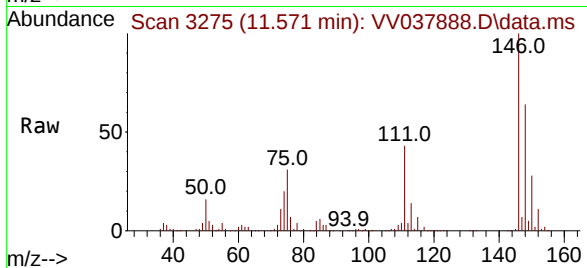
Tgt Ion:146 Resp: 507084

Ion Ratio Lower Upper

146 100

111 43.1 34.2 51.2

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 50.082 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

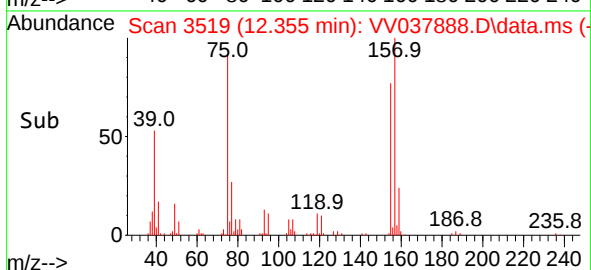
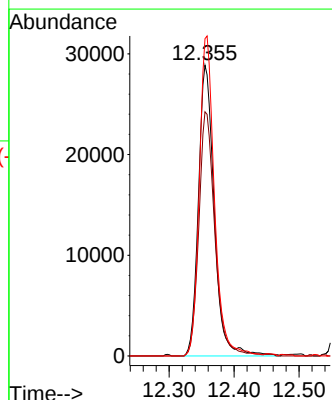
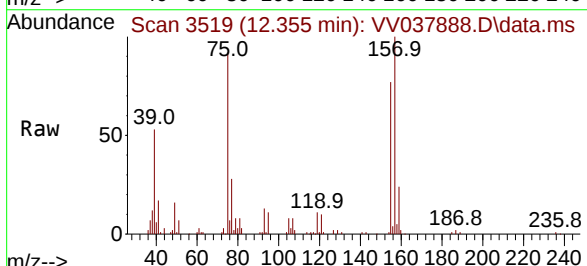
Tgt Ion: 75 Resp: 48987

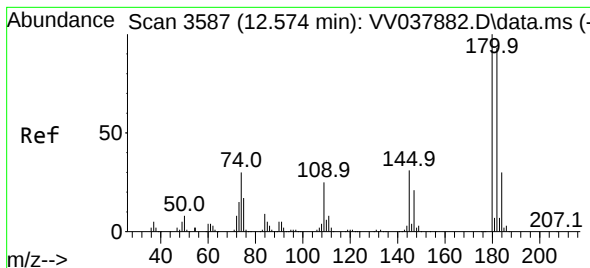
Ion Ratio Lower Upper

75 100

155 84.0 66.2 99.4

157 109.2 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 56.634 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

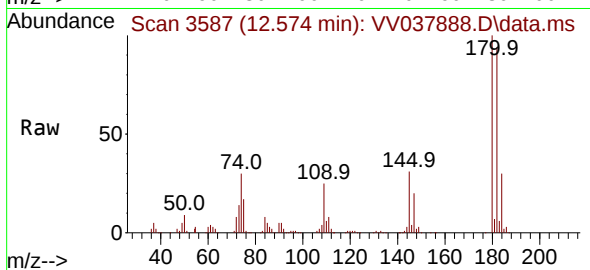
Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 345119

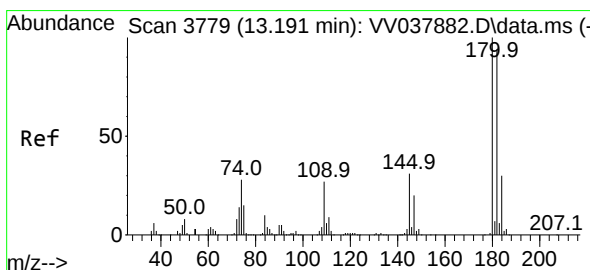
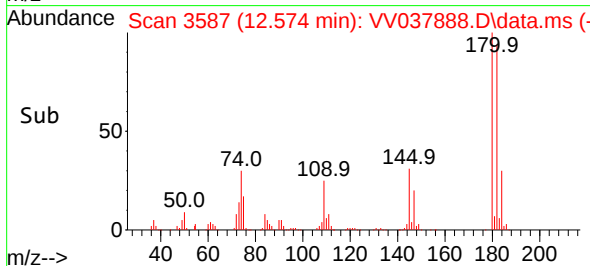
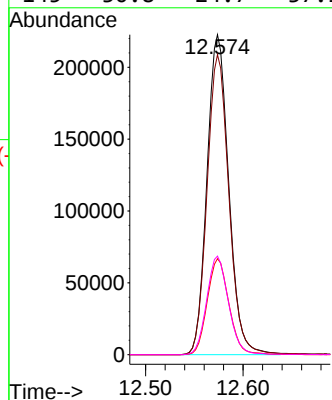
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

184 29.9 23.8 35.6

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 53.888 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

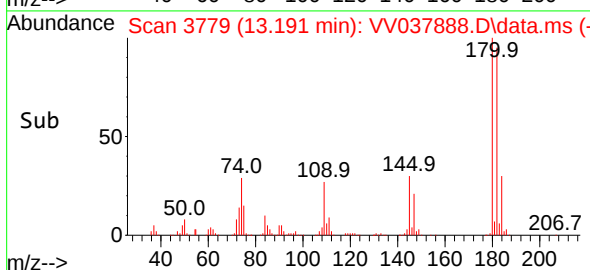
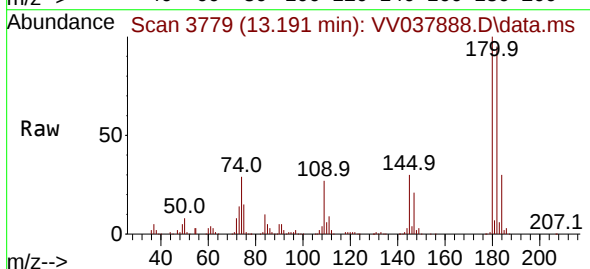
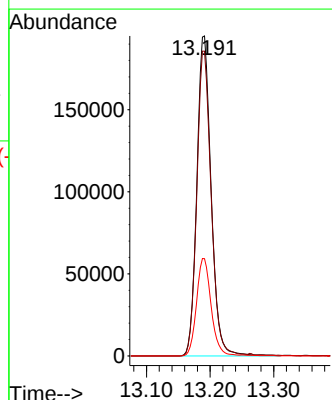
Tgt Ion:180 Resp: 304676

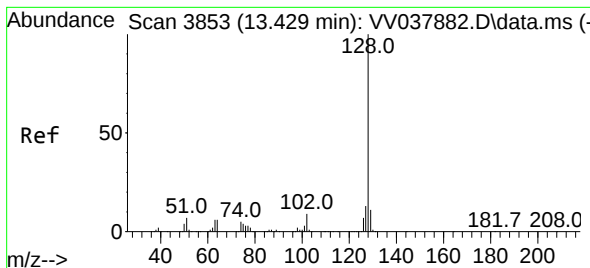
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 31.0 25.4 38.2





#71

Naphthalene

Concen: 47.947 ug/L

RT: 13.429 min Scan# 3853

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Instrument :

MSVOA_V

ClientSampleId :

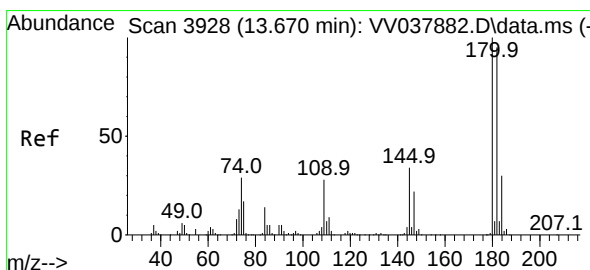
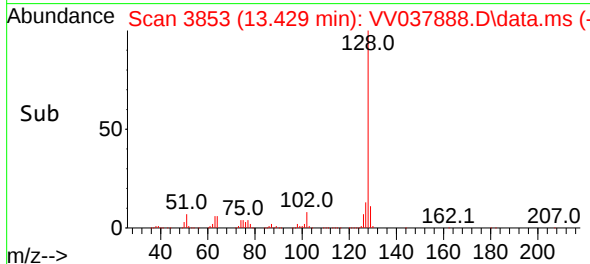
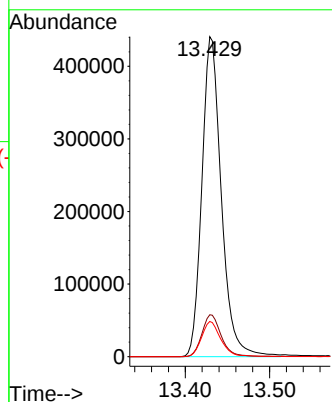
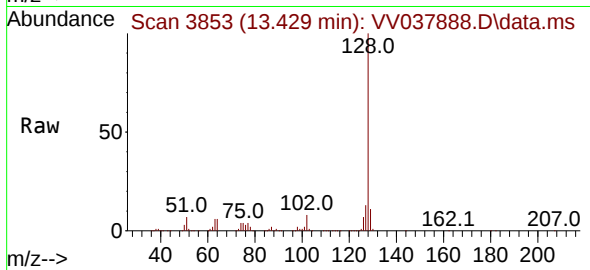
Tgt Ion:128 Resp: 708270

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 54.755 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. 0.000 min

Lab File: VV037888.D

Acq: 17 Oct 2024 14:21

Tgt Ion:180 Resp: 305715

Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

145 32.9 26.2 39.4

