

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101024\
 Data File : VV037790.D
 Acq On : 10 Oct 2024 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 11 05:08:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 03:11:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	610121	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	607339	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	335488	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	222244	41.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.000%
7) Chloroethane-d5	1.532	69	197526	47.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.020%
11) 1,1-Dichloroethene-d2	2.056	65	101229	45.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.480%
21) 2-Butanone-d5	3.789	46	172588	90.471	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.470%
24) Chloroform-d	4.236	84	476851	50.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	4.931	65	276143	49.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.020%
32) Benzene-d6	4.947	84	898826	47.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.580%
36) 1,2-Dichloropropane-d6	5.979	67	287814	47.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	7.233	98	817135	47.417	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.840%
43) trans-1,3-Dichloroprop...	7.545	79	125306	44.573	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.140%
47) 2-Hexanone-d5	8.021	63	106188	83.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.100%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	336178	47.809	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.620%
66) 1,2-Dichlorobenzene-d4	11.551	152	320463	45.331	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.660%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	254498	48.998	ug/L	100
3) Chloromethane	1.217	50	250441	49.666	ug/L	99
5) Vinyl chloride	1.285	62	270103	49.964	ug/L	99
6) Bromomethane	1.487	94	157328	52.441	ug/L	99
8) Chloroethane	1.548	64	167924	50.397	ug/L	98
9) Trichlorofluoromethane	1.712	101	382436	52.555	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	235351	54.124	ug/L	98
12) 1,1-Dichloroethene	2.069	96	209869	51.668	ug/L	82
13) Acetone	2.111	43	183918	98.347	ug/L	99
14) Carbon disulfide	2.236	76	590605	46.582	ug/L	100
15) Methyl Acetate	2.371	43	169369	51.897	ug/L	100
16) Methylene chloride	2.442	84	238969	51.959	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	221419	51.528	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	651623	52.856	ug/L	99
19) 1,1-Dichloroethane	3.101	63	436325	52.997	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	246430	51.247	ug/L	98
22) 2-Butanone	3.870	43	196421	94.894	ug/L	97
23) Bromochloromethane	4.133	128	129939	52.238	ug/L	97
25) Chloroform	4.265	83	459121	53.861	ug/L	99

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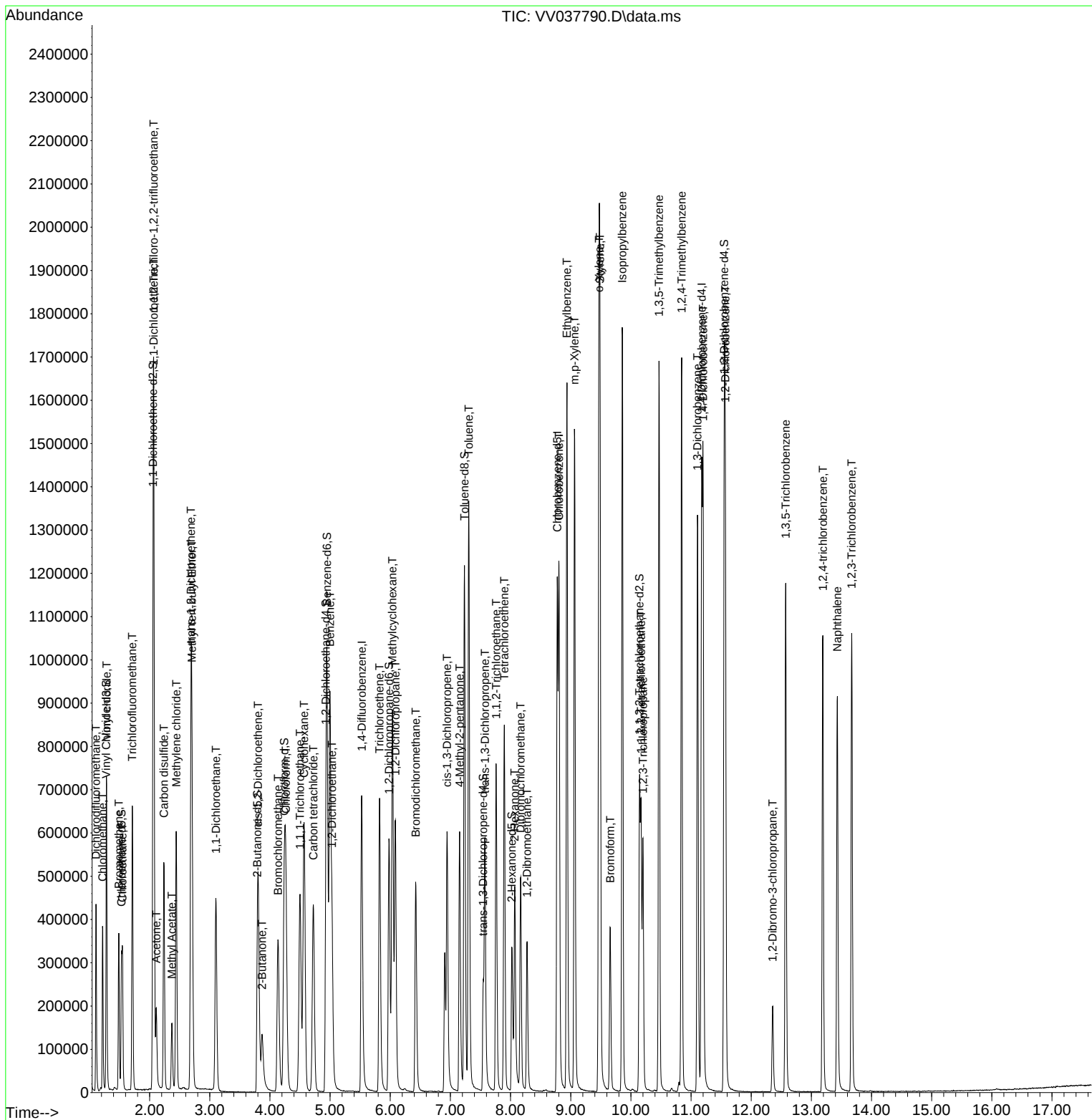
Instrument :
 MSVOA_V
 ClientSampleId :

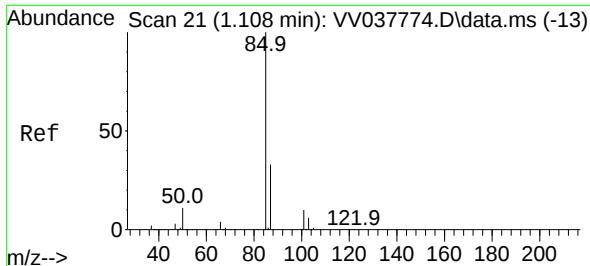
Quant Time: Oct 11 05:08:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 03:11:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	320746	53.300	ug/L	100
29) Cyclohexane	4.567	56	328490	47.637	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	387748	51.837	ug/L	100
31) Carbon tetrachloride	4.722	117	337530	51.901	ug/L	99
33) Benzene	4.998	78	950256	51.879	ug/L	100
34) Trichloroethene	5.821	95	246851	50.606	ug/L	99
35) Methylcyclohexane	6.037	83	368060	49.048	ug/L	98
37) 1,2-Dichloropropane	6.085	63	254892	53.890	ug/L	99
38) Bromodichloromethane	6.423	83	336707	53.253	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	380105	50.344	ug/L	99
40) 4-Methyl-2-pentanone	7.152	43	390180	101.316	ug/L	98
42) Toluene	7.307	91	1006410	53.000	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	347345	51.099	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	237136	52.214	ug/L	99
46) Tetrachloroethene	7.895	164	187781	50.350	ug/L	99
48) 2-Hexanone	8.069	43	289807	96.778	ug/L	100
49) Dibromochloromethane	8.169	129	257909	53.655	ug/L	97
50) 1,2-Dibromoethane	8.275	107	236167	50.305	ug/L	99
51) Chlorobenzene	8.805	112	665057	51.407	ug/L	100
52) Ethylbenzene	8.937	91	1113665	52.102	ug/L	99
53) m,p-Xylene	9.062	106	424227	53.328	ug/L	100
54) o-Xylene	9.471	106	403535	51.959	ug/L	97
55) Styrene	9.487	104	745606	55.148	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.168	83	317996	50.220	ug/L	99
59) Bromoform	9.657	173	166134	50.666	ug/L	97
60) Isopropylbenzene	9.857	105	1112274	50.995	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	230490	48.282	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	875784	50.787	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	881064	51.351	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	536416	51.094	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	560503	51.272	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	526245	50.705	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	51387	44.344	ug/L	98
69) 1,3,5-Trichlorobenzene	12.573	180	353908	49.020	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	310750	46.392	ug/L	100
71) Naphthalene	13.432	128	752163	42.979	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	311021	47.019	ug/L	99

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

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Response via : Initial Calibration

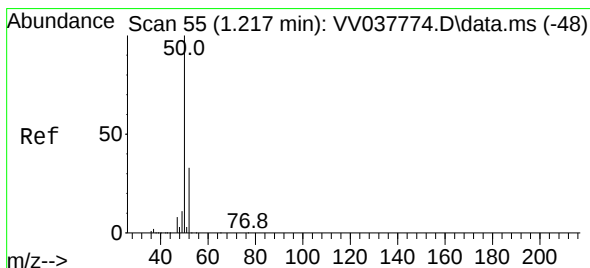
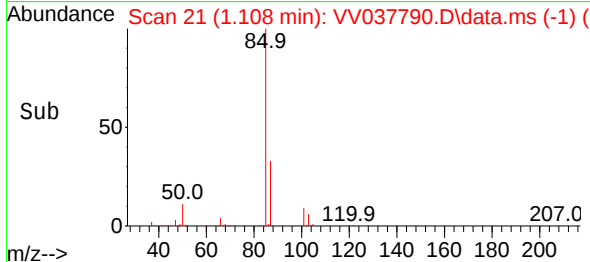
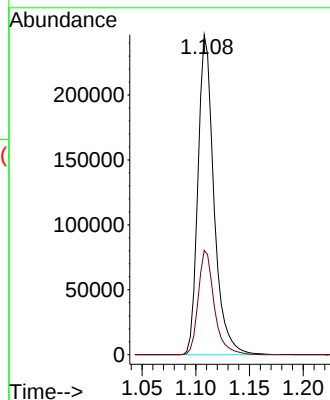
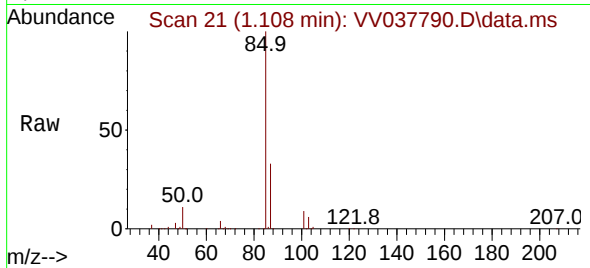




#2
 Dichlorodifluoromethane
 Concen: 48.998 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037790.D
 Acq: 10 Oct 2024 09:24

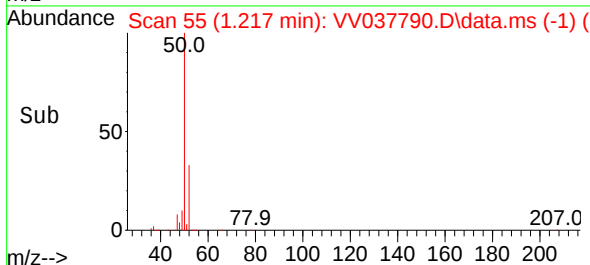
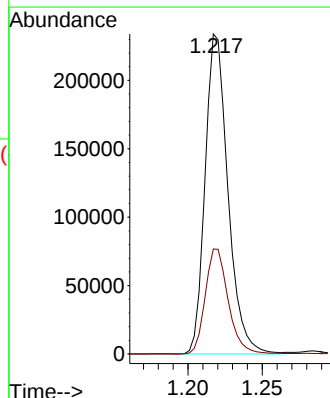
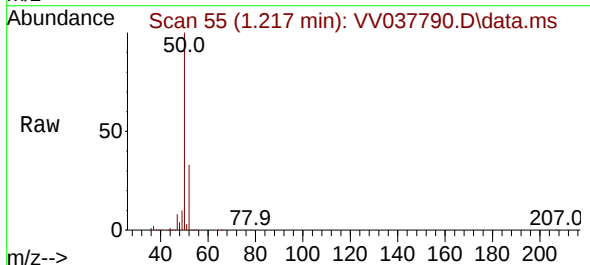
Instrument :
 MSVOA_V
 ClientSampleId :

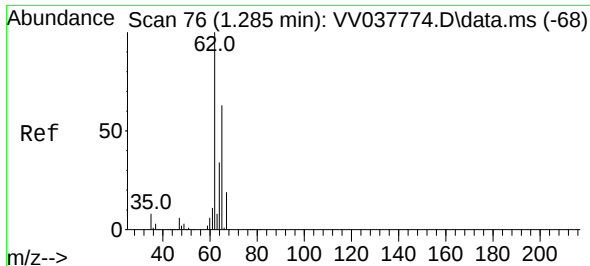
Tgt Ion: 85 Resp: 254498
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 49.666 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037790.D
 Acq: 10 Oct 2024 09:24

Tgt Ion: 50 Resp: 250441
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.2

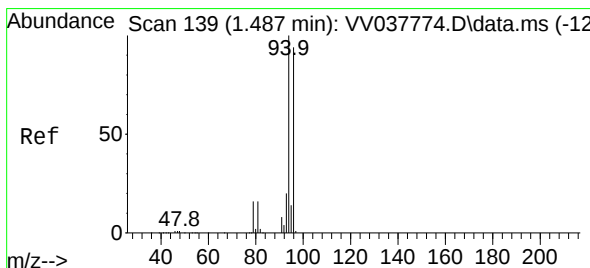
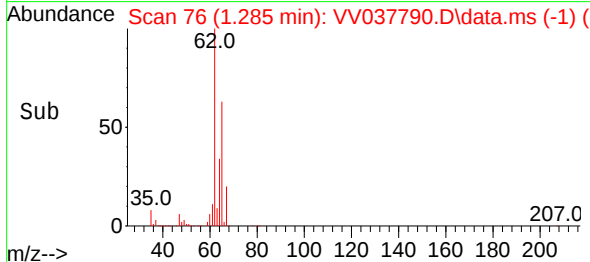
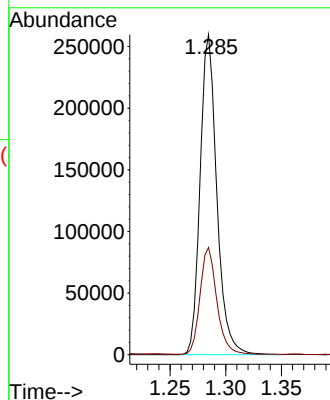
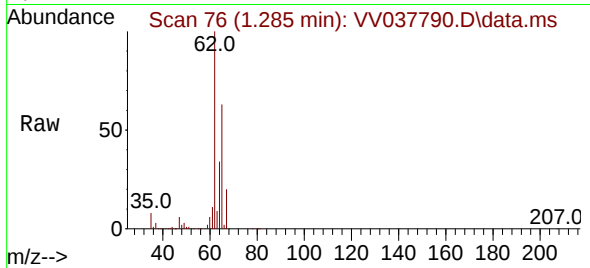




#5
 Vinyl chloride
 Concen: 49.964 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037790.D
 Acq: 10 Oct 2024 09:24

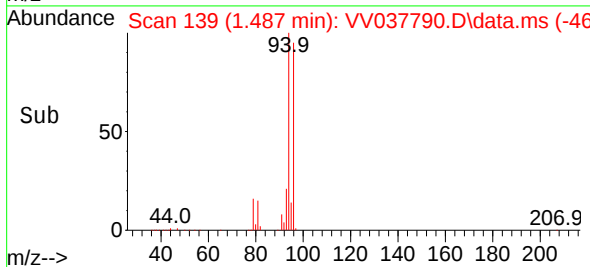
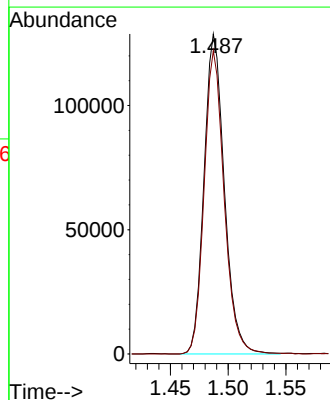
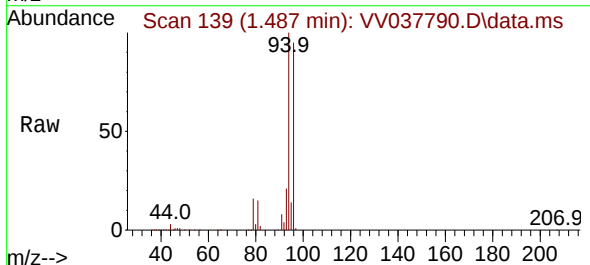
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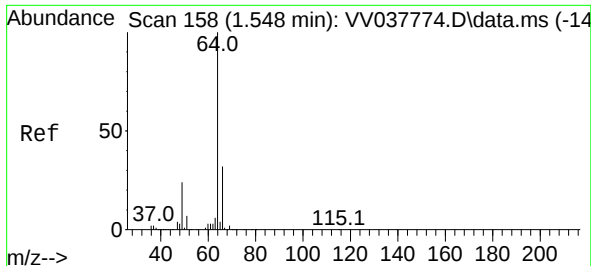
Tgt Ion: 62 Resp: 270103
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 52.441 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037790.D
 Acq: 10 Oct 2024 09:24

Tgt Ion: 94 Resp: 157328
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.8 122.2

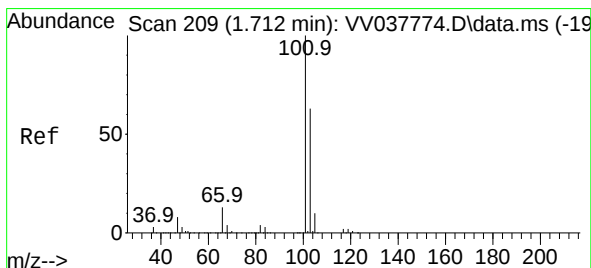
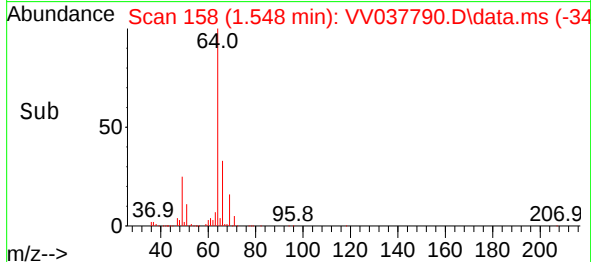
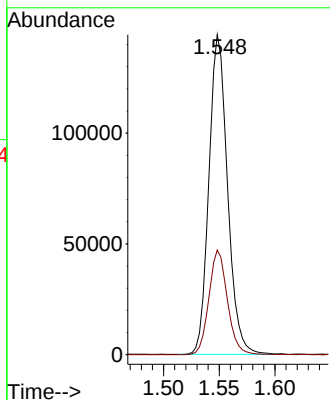
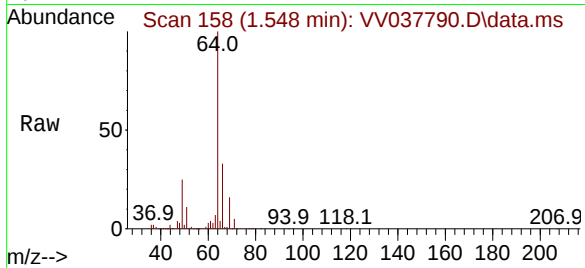




#8
Chloroethane
Concen: 50.397 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

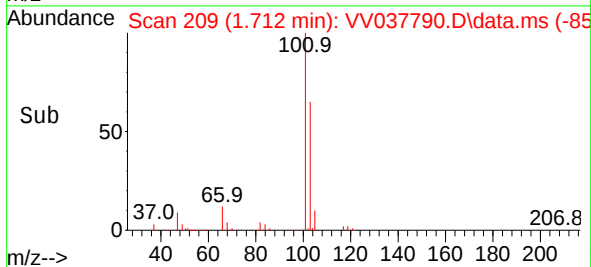
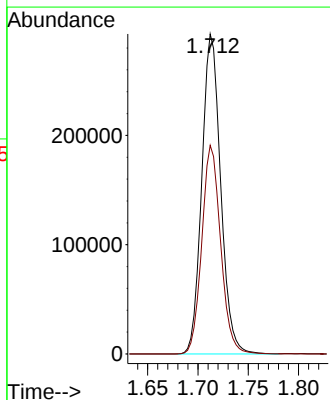
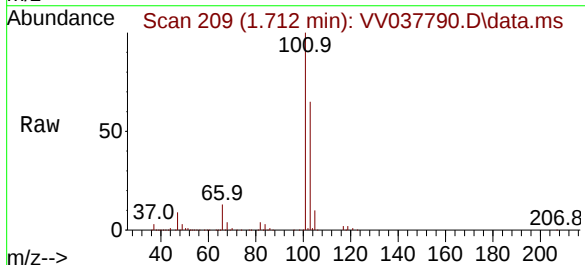
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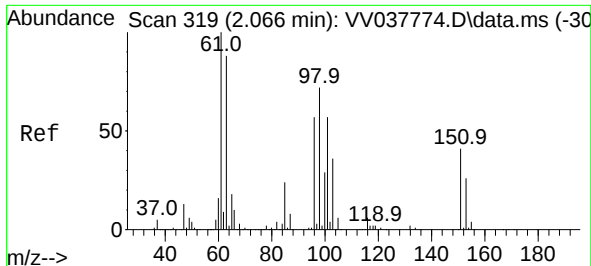
Tgt Ion: 64 Resp: 167924
Ion Ratio Lower Upper
64 100
66 32.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 52.555 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion:101 Resp: 382436
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

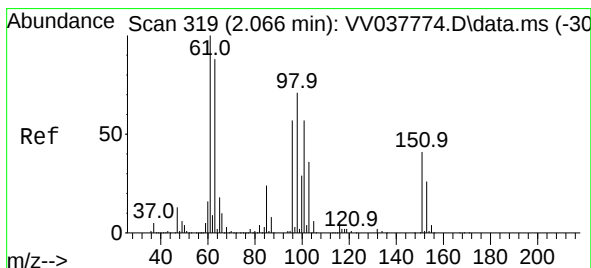
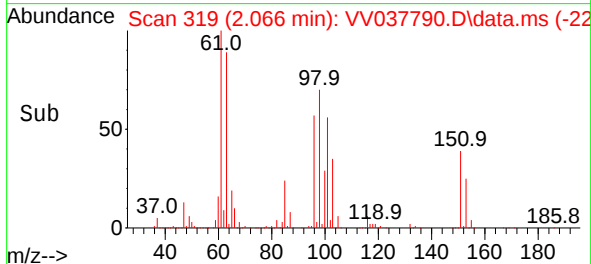
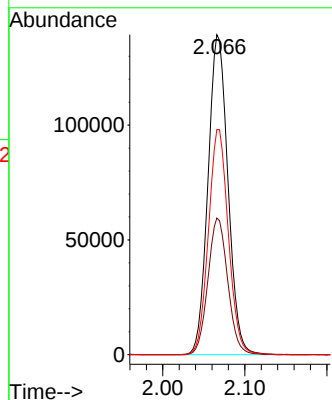
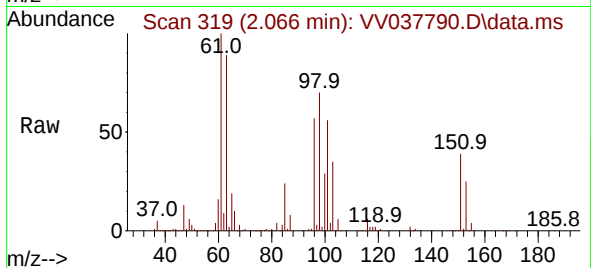




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.124 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037790.D
 Acq: 10 Oct 2024 09:24

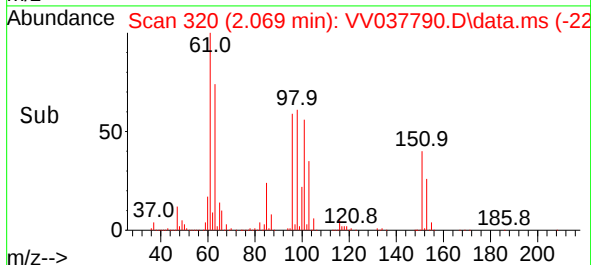
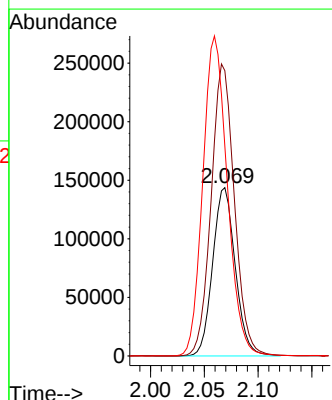
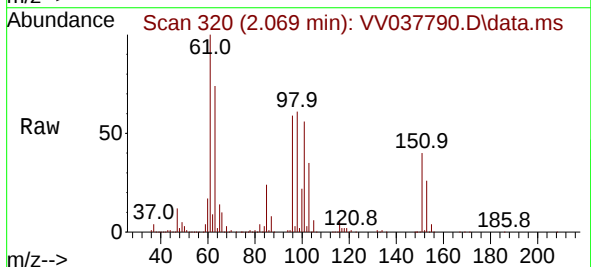
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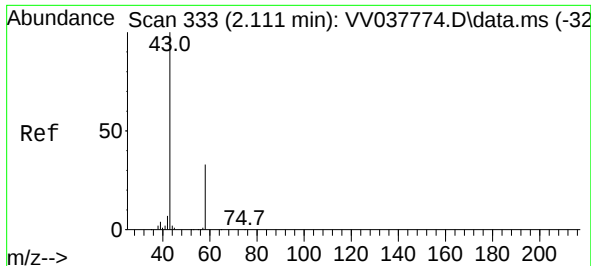
Tgt Ion:101 Resp: 235351
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.6 52.0
 151 70.4 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 51.668 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV037790.D
 Acq: 10 Oct 2024 09:24

Tgt Ion: 96 Resp: 209869
 Ion Ratio Lower Upper
 96 100
 61 169.6 122.6 227.6
 63 124.7 118.0 219.2





#13

Acetone

Concen: 98.347 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

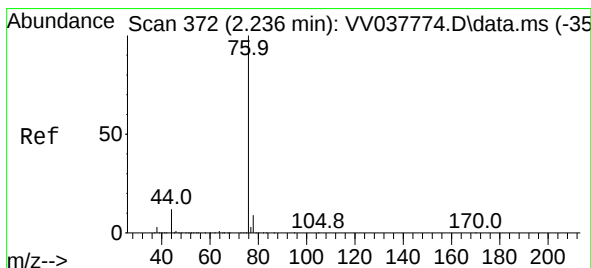
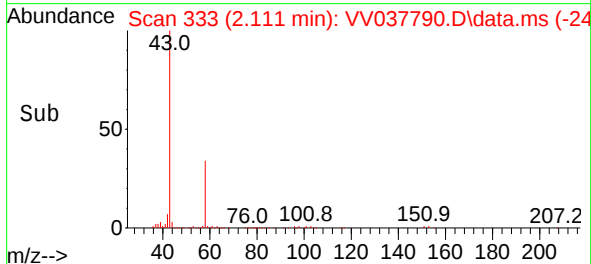
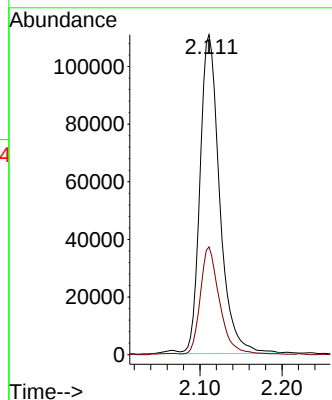
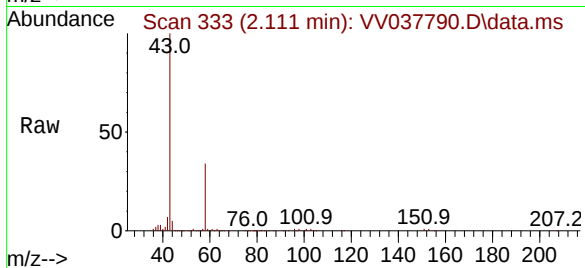
ClientSampleId :

Tgt Ion: 43 Resp: 183918

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.6



#14

Carbon disulfide

Concen: 46.582 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037790.D

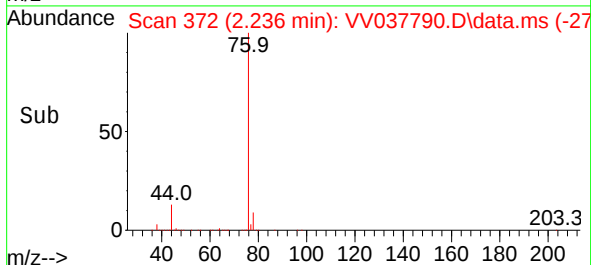
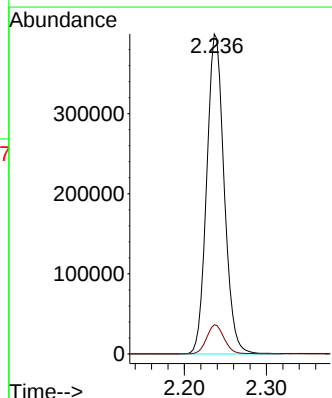
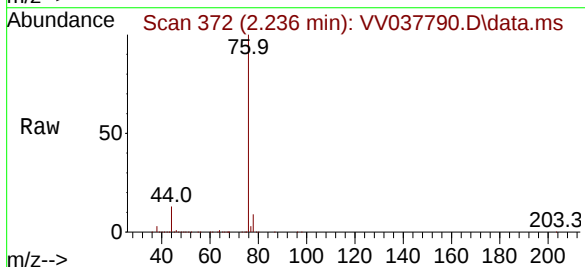
Acq: 10 Oct 2024 09:24

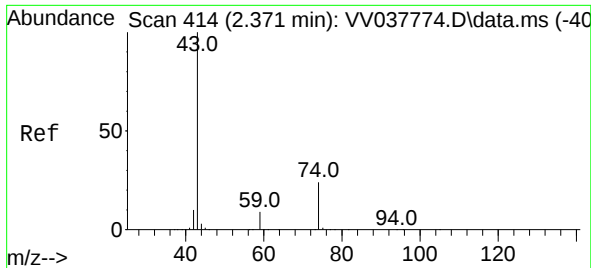
Tgt Ion: 76 Resp: 590605

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 51.897 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

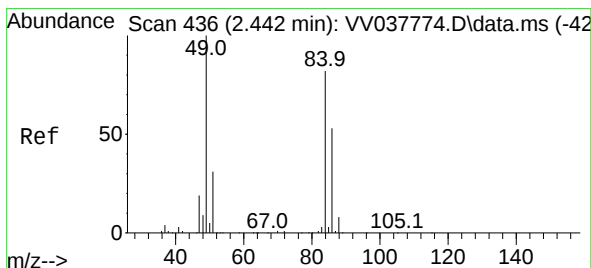
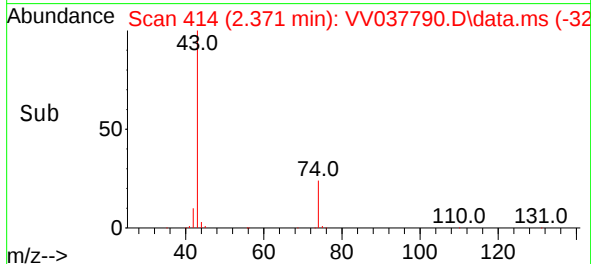
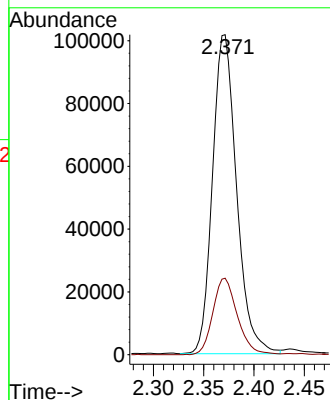
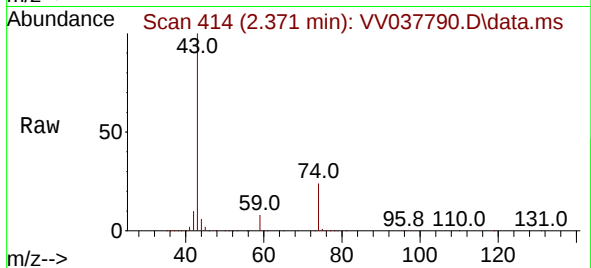
ClientSampleId :

Tgt Ion: 43 Resp: 169369

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0



#16

Methylene chloride

Concen: 51.959 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

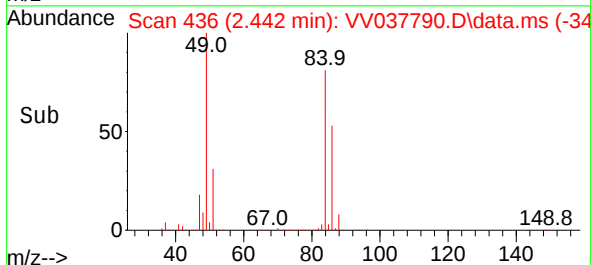
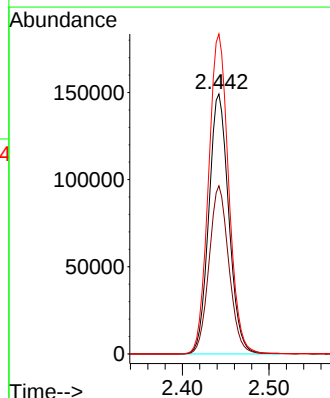
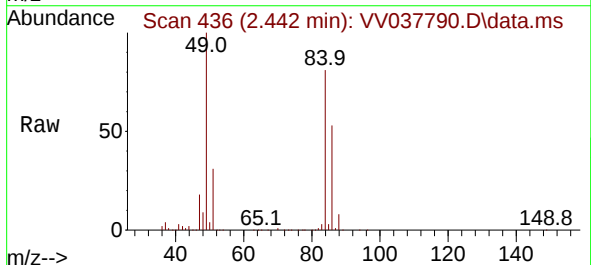
Tgt Ion: 84 Resp: 238969

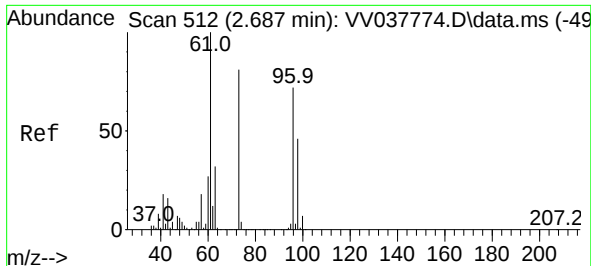
Ion Ratio Lower Upper

84 100

86 64.7 46.4 86.2

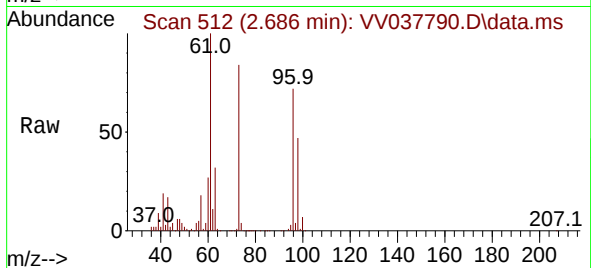
49 123.1 85.9 159.5





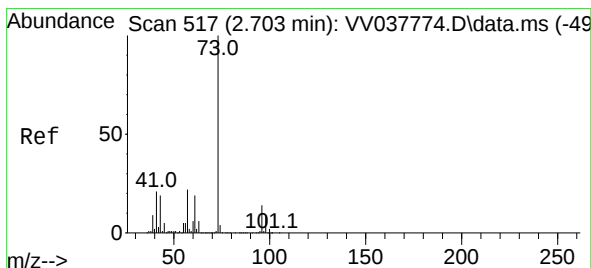
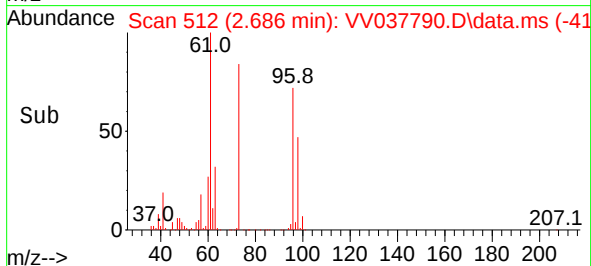
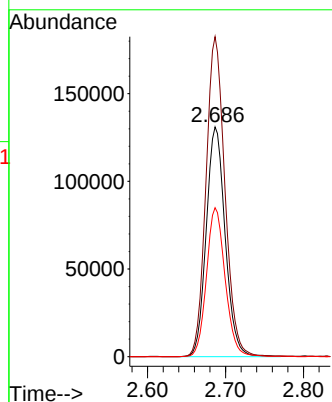
#17
trans-1,2-Dichloroethene
Concen: 51.528 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 221419

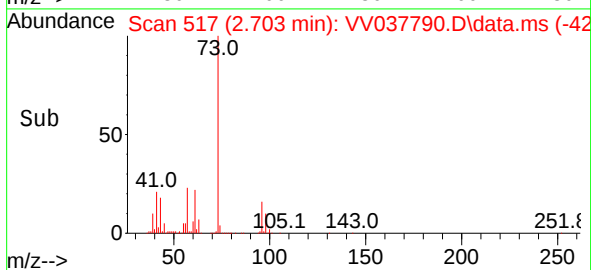
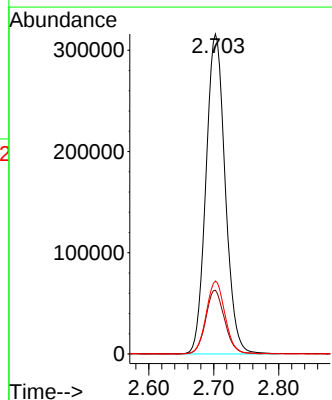
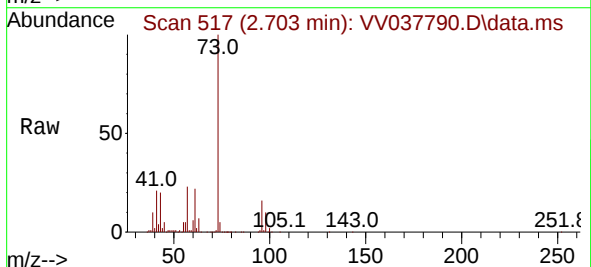
Ion	Ratio	Lower	Upper
96	100		
61	139.3	97.3	180.7
98	64.8	43.9	81.5

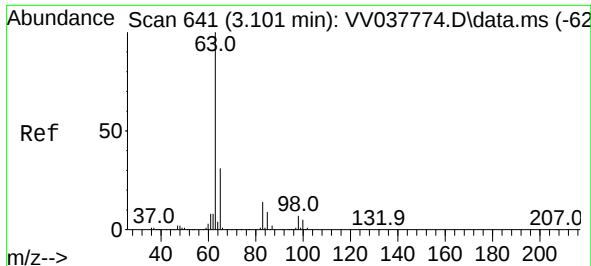


#18
Methyl tert-butyl Ether
Concen: 52.856 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion: 73 Resp: 651623

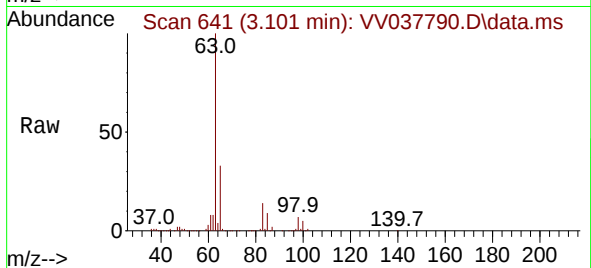
Ion	Ratio	Lower	Upper
73	100		
43	19.5	15.1	22.7
57	22.3	17.4	26.2



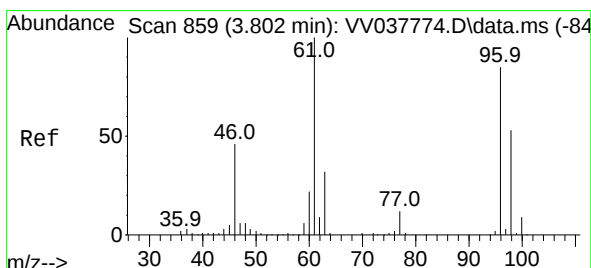
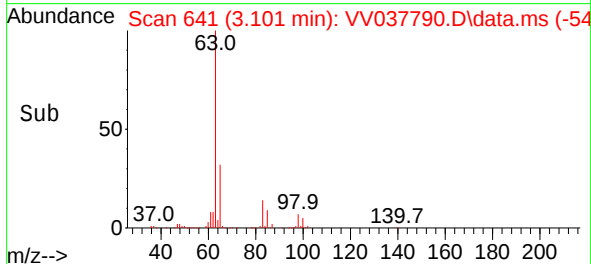
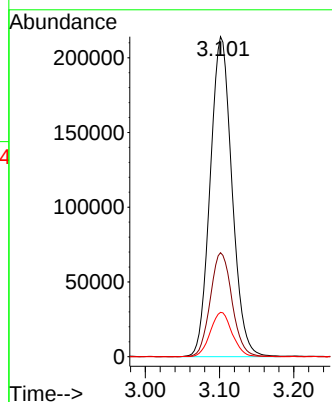


#19
1,1-Dichloroethane
Concen: 52.997 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

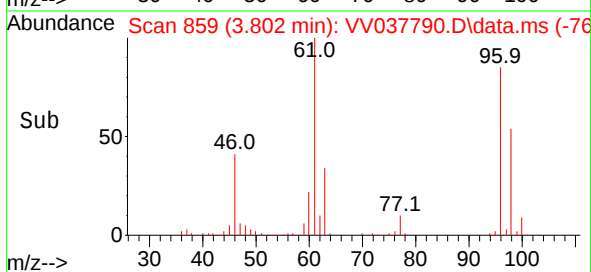
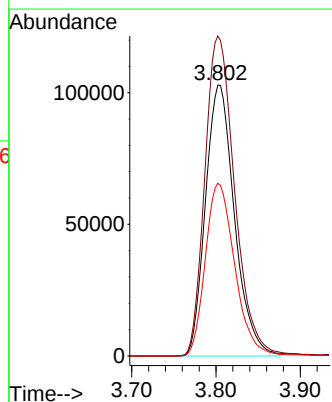
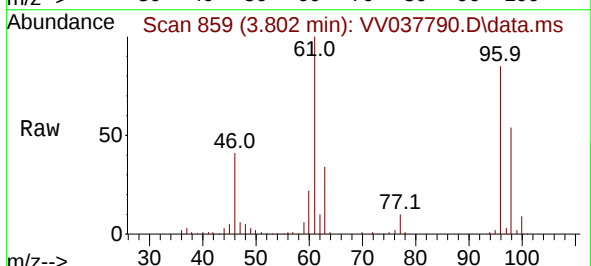


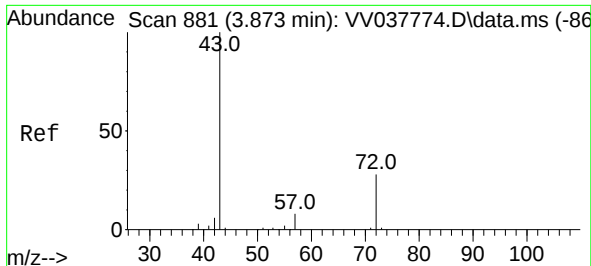
Tgt Ion: 63 Resp: 436325
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 51.247 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion: 96 Resp: 246430
Ion Ratio Lower Upper
96 100
61 118.1 85.0 157.8
98 63.7 44.2 82.0

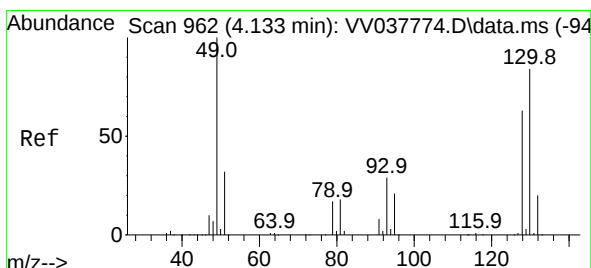
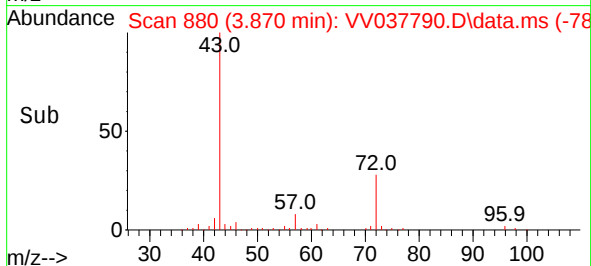
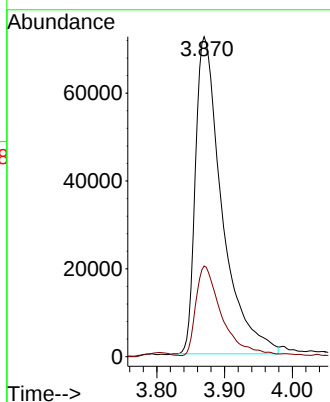
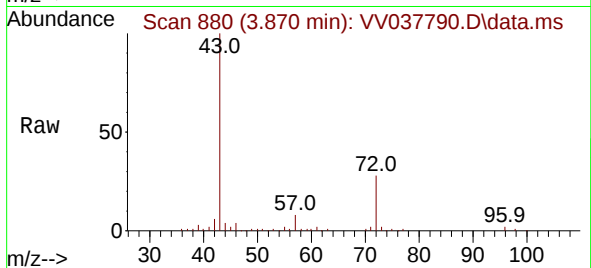




#22
2-Butanone
Concen: 94.894 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

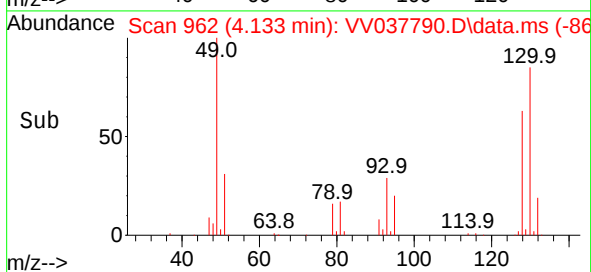
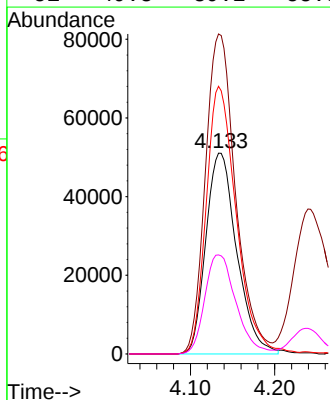
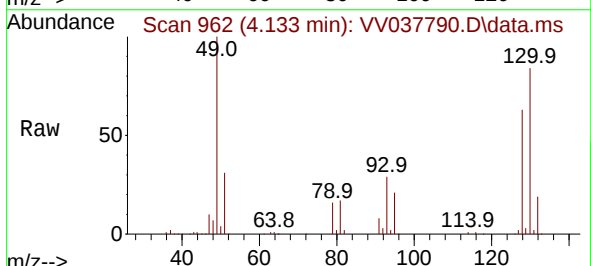
Instrument :
MSVOA_V
ClientSampleId :

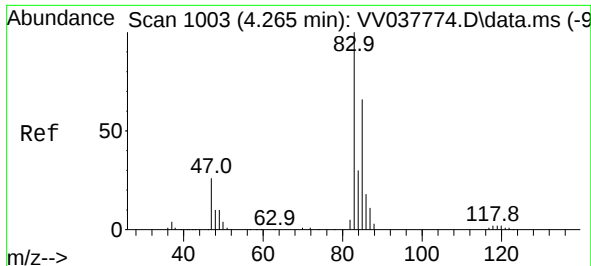
Tgt Ion: 43 Resp: 196421
Ion Ratio Lower Upper
43 100
72 27.0 14.3 42.9



#23
Bromochloromethane
Concen: 52.238 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion:128 Resp: 129939
Ion Ratio Lower Upper
128 100
49 159.3 108.7 201.9
130 133.3 90.4 168.0
51 49.3 39.2 58.8





#25

Chloroform

Concen: 53.861 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

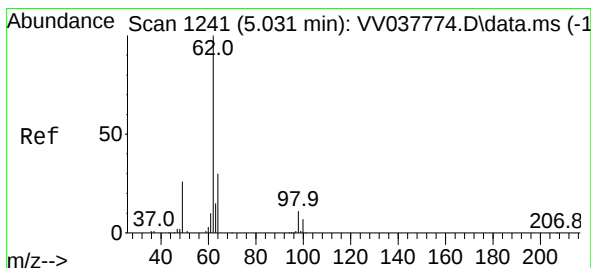
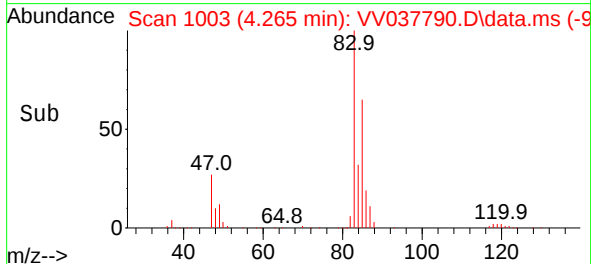
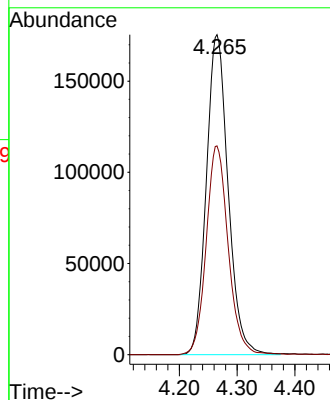
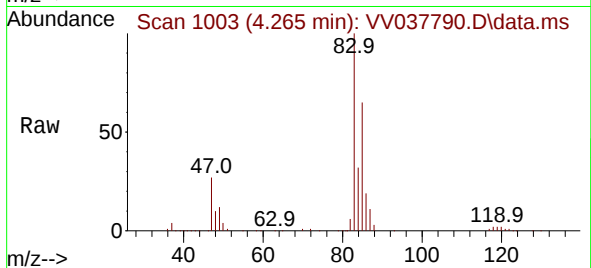
ClientSampleId :

Tgt Ion: 83 Resp: 459121

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 53.300 ug/L

RT: 5.030 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VV037790.D

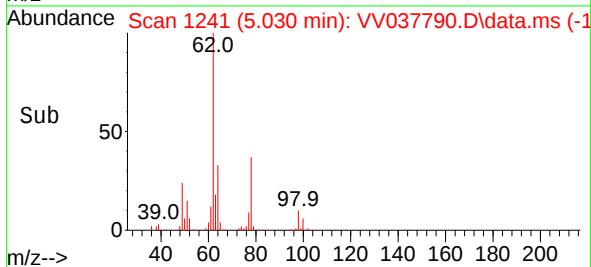
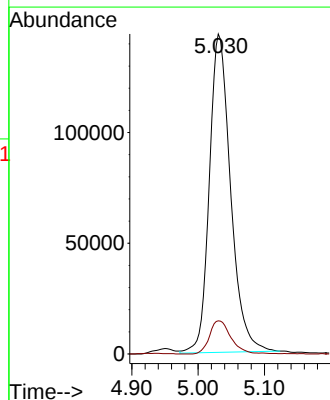
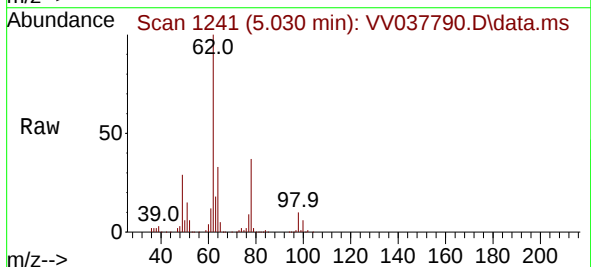
Acq: 10 Oct 2024 09:24

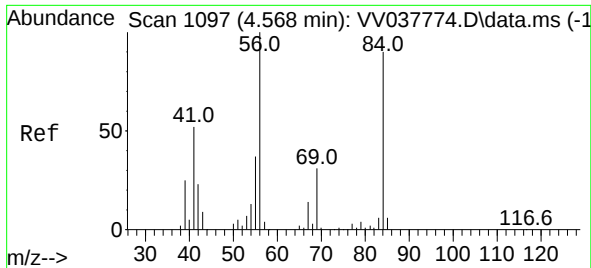
Tgt Ion: 62 Resp: 320746

Ion Ratio Lower Upper

62 100

98 10.3 8.4 12.6





#29

Cyclohexane

Concen: 47.637 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

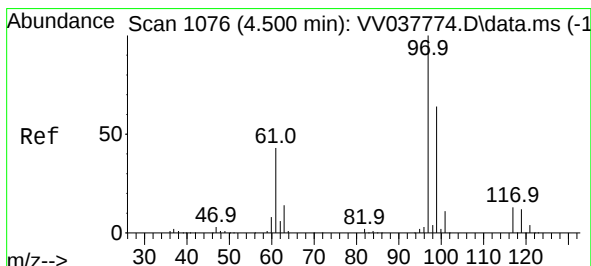
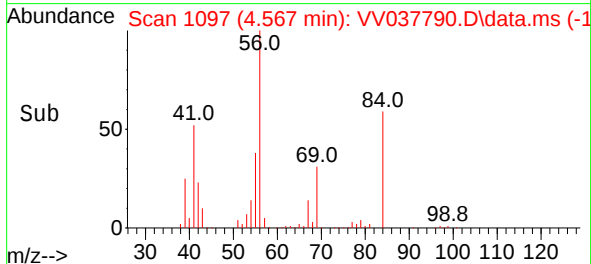
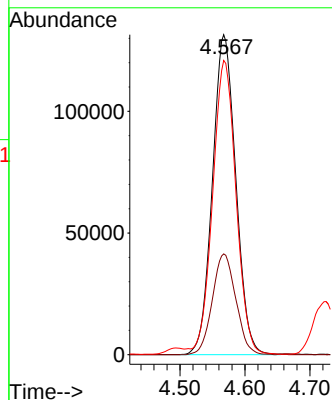
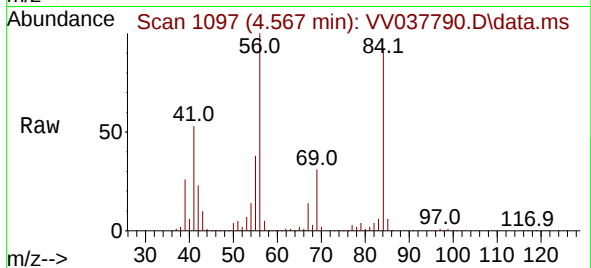
Tgt Ion: 56 Resp: 328490

Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 91.5 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 51.837 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

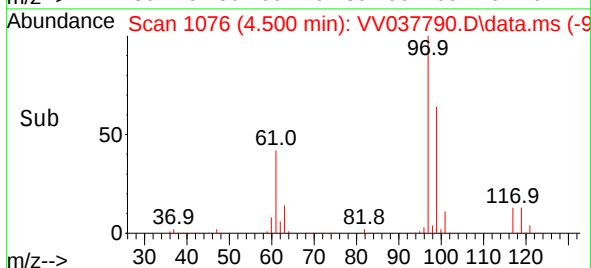
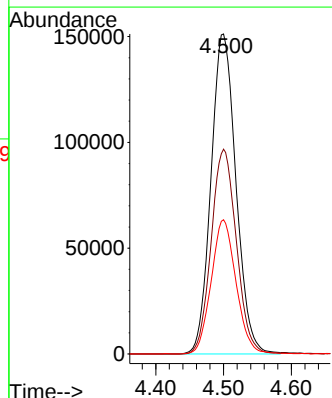
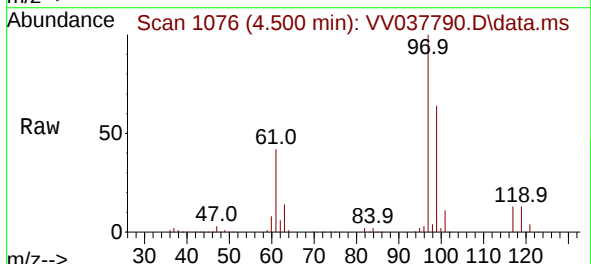
Tgt Ion: 97 Resp: 387748

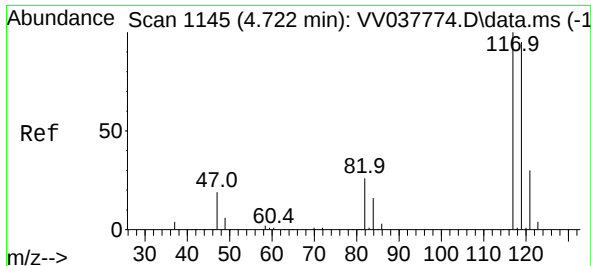
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

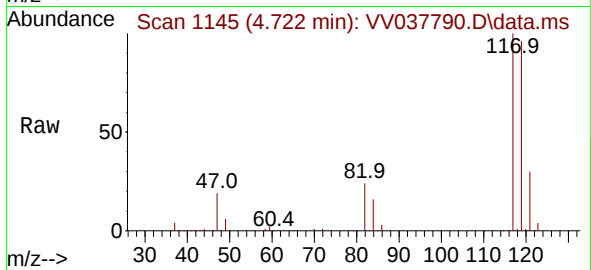
61 41.8 33.6 50.4



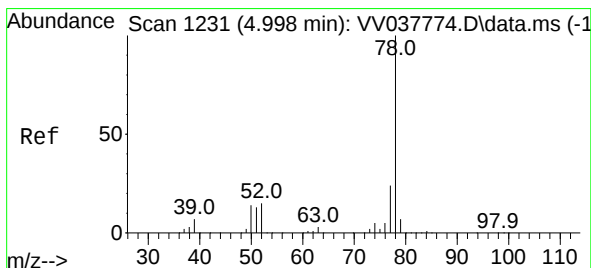
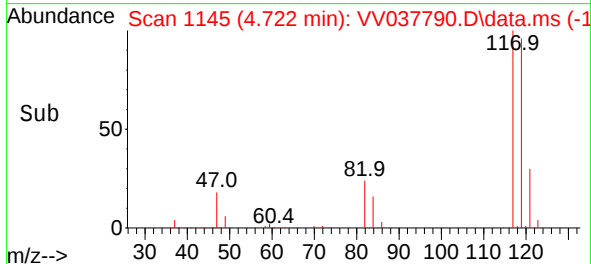
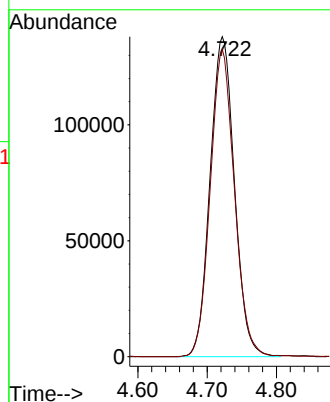


#31
Carbon tetrachloride
Concen: 51.901 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

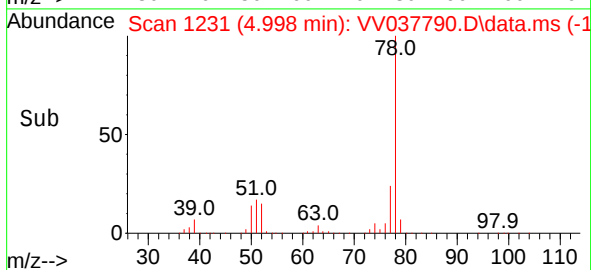
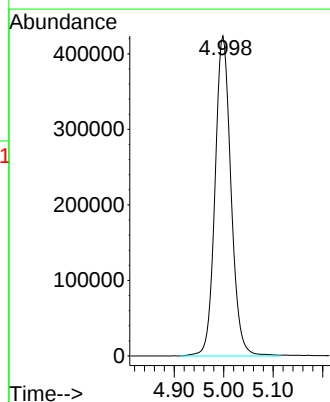
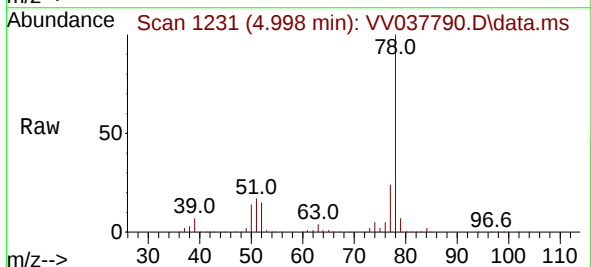


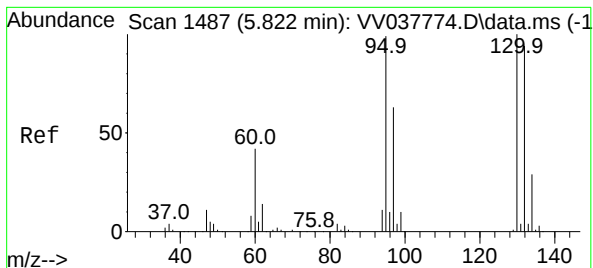
Tgt Ion:117 Resp: 337530
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3



#33
Benzene
Concen: 51.879 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion: 78 Resp: 950256





#34

Trichloroethene

Concen: 50.606 ug/L

RT: 5.821 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 246851

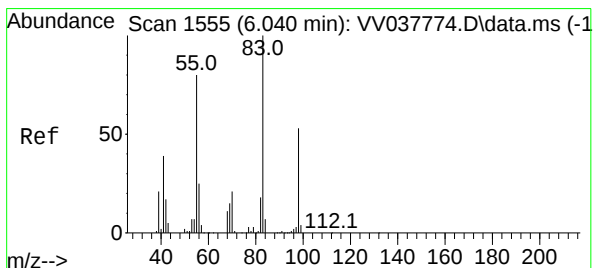
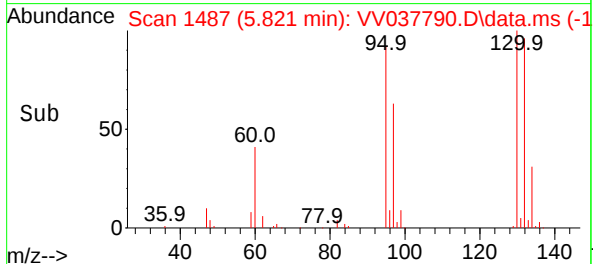
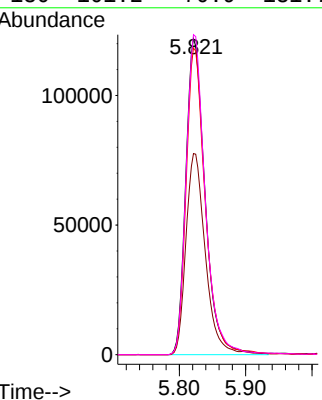
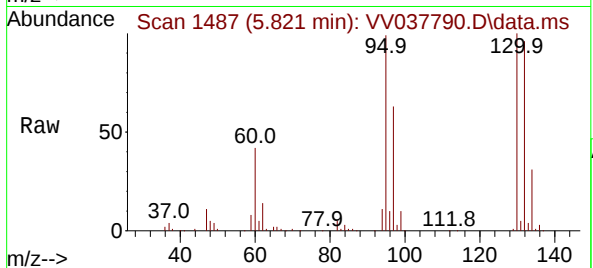
Ion Ratio Lower Upper

95 100

97 63.6 46.3 85.9

132 97.0 68.6 127.4

130 101.2 70.9 131.7



#35

Methylcyclohexane

Concen: 49.048 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

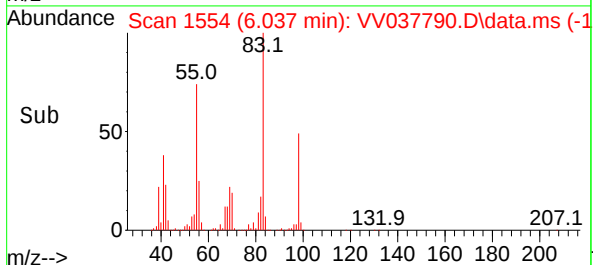
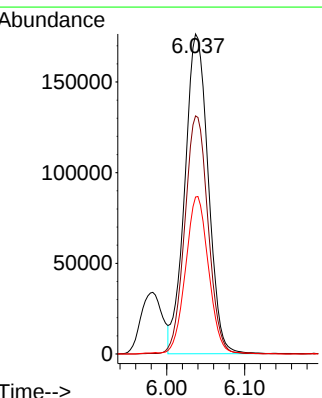
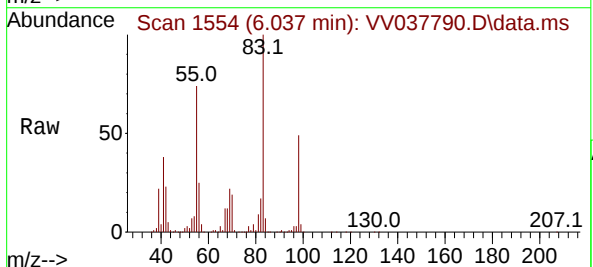
Tgt Ion: 83 Resp: 368060

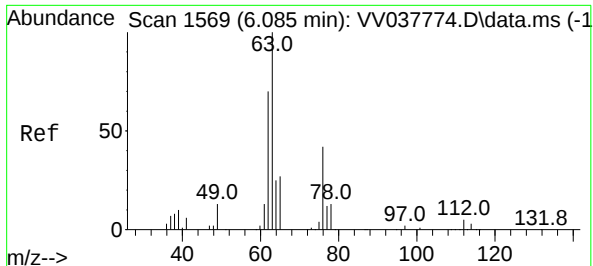
Ion Ratio Lower Upper

83 100

55 74.2 57.9 86.9

98 48.6 39.3 58.9

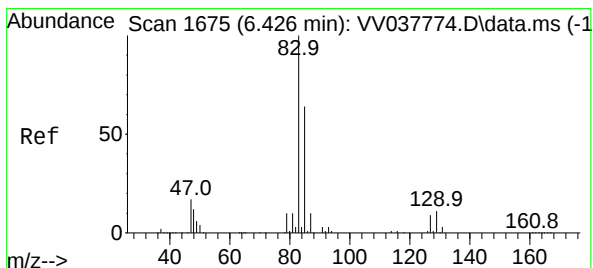
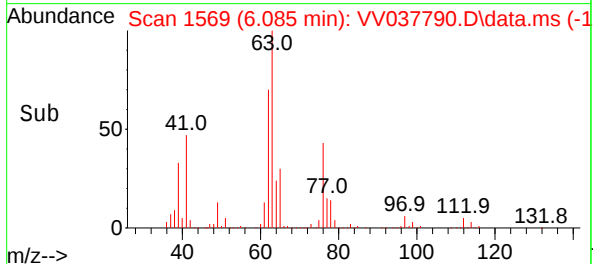
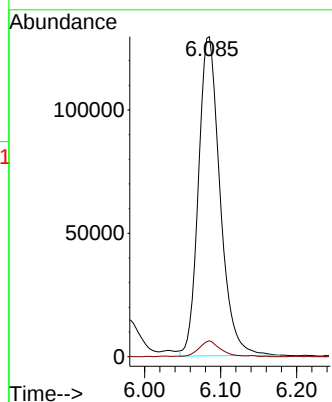
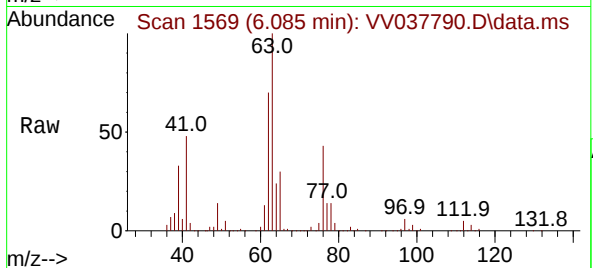




#37
1,2-Dichloropropane
Concen: 53.890 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

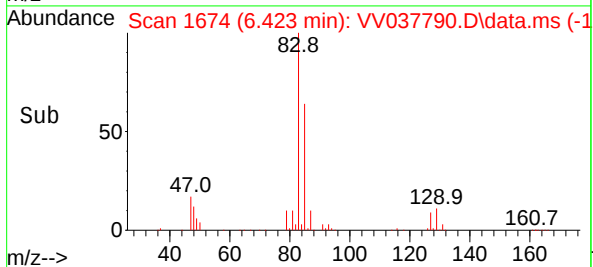
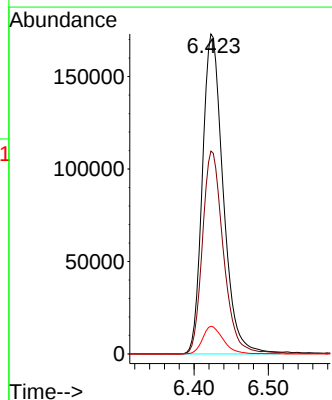
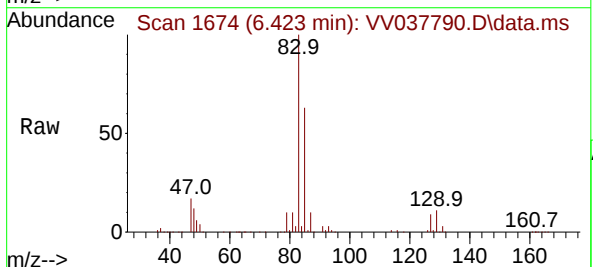
Instrument :
MSVOA_V
ClientSampleId :

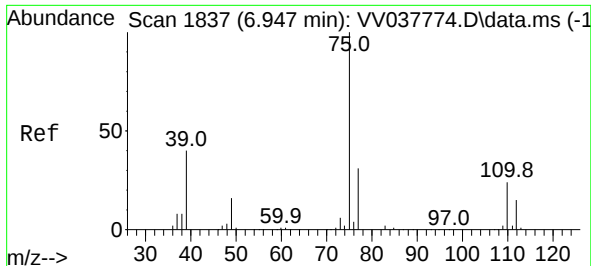
Tgt Ion: 63 Resp: 254892
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 53.253 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion: 83 Resp: 336707
Ion Ratio Lower Upper
83 100
85 63.4 45.7 84.9
127 8.7 7.0 10.4

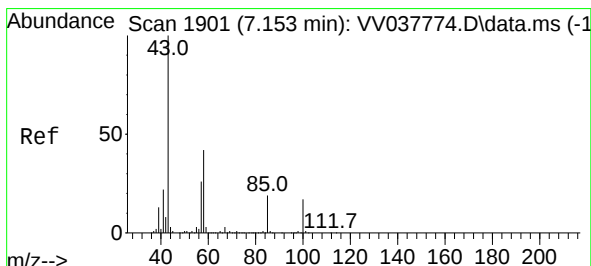
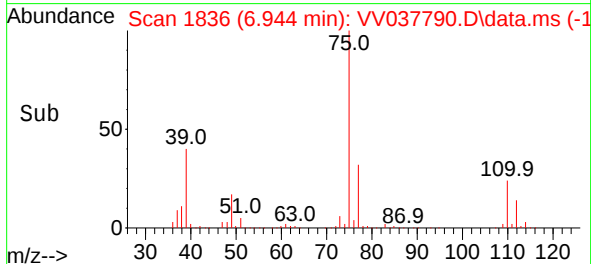
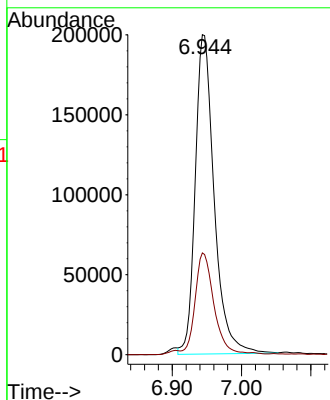
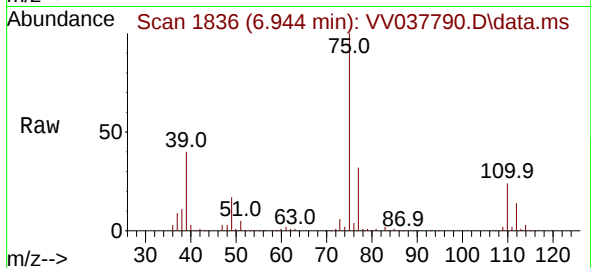




#39
cis-1,3-Dichloropropene
Concen: 50.344 ug/L
RT: 6.944 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

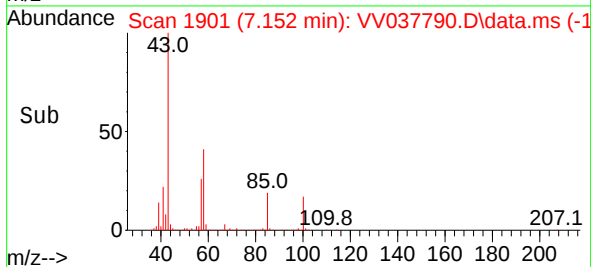
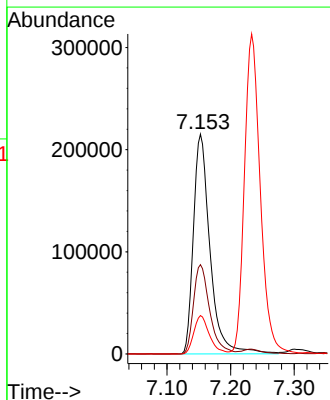
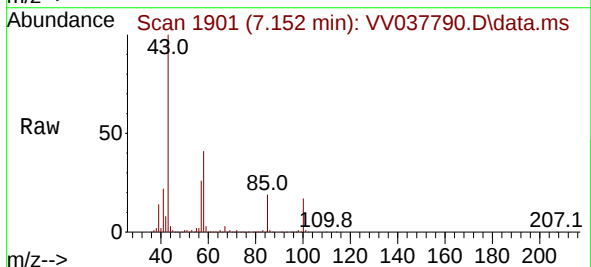
Instrument :
MSVOA_V
ClientSampleId :

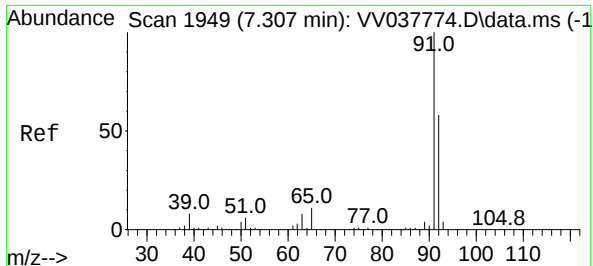
Tgt Ion: 75 Resp: 380105
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 101.316 ug/L
RT: 7.152 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion: 43 Resp: 390180
Ion Ratio Lower Upper
43 100
58 39.6 33.0 49.4
100 16.4 13.7 20.5





#42

Toluene

Concen: 53.000 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

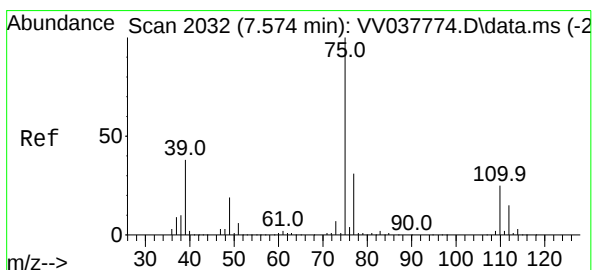
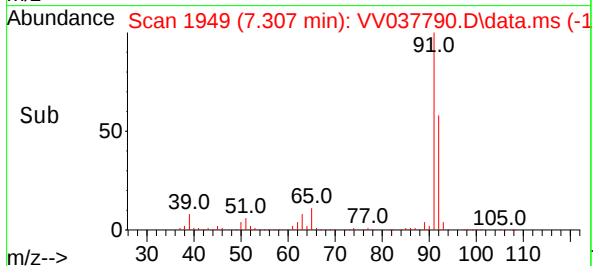
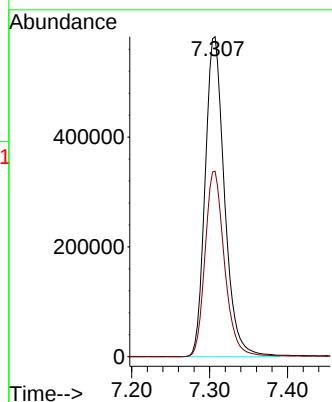
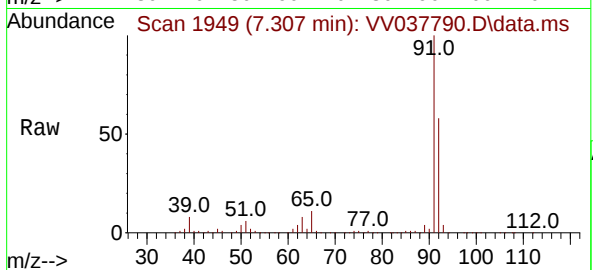
ClientSampleId :

Tgt Ion: 91 Resp: 1006410

Ion Ratio Lower Upper

91 100

92 57.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 51.099 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV037790.D

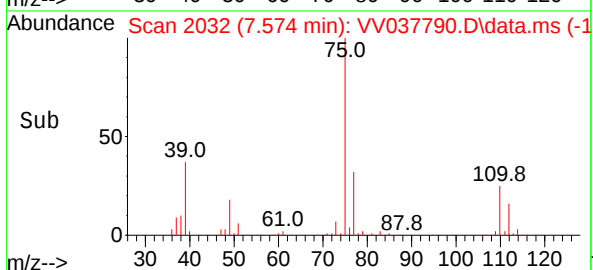
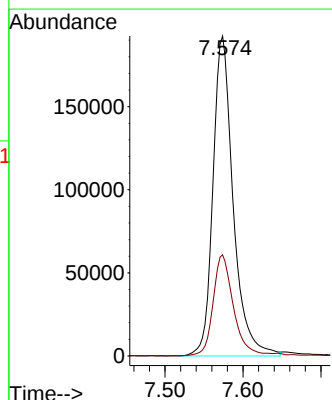
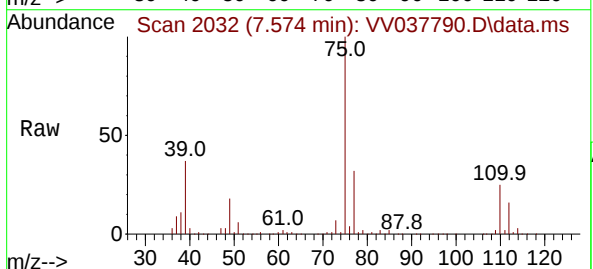
Acq: 10 Oct 2024 09:24

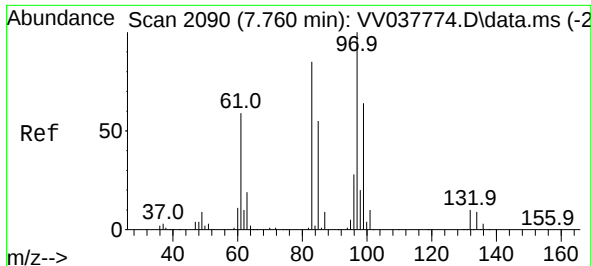
Tgt Ion: 75 Resp: 347345

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



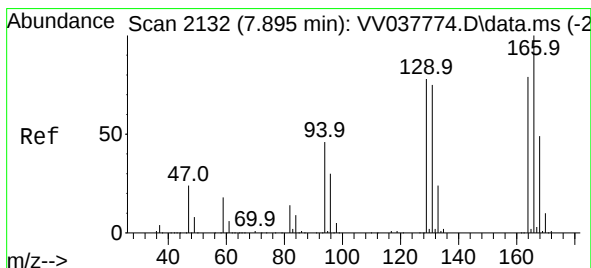
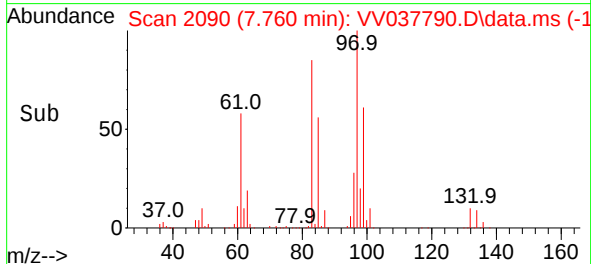
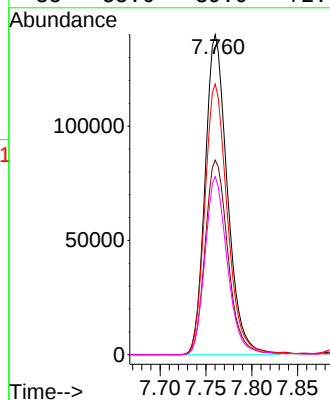
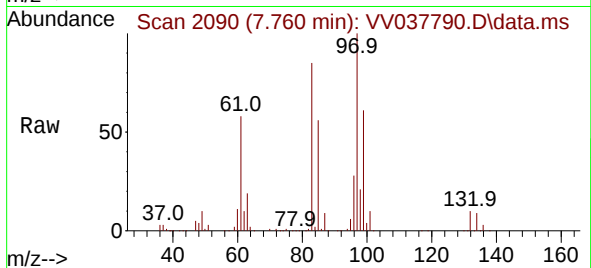


#45
1,1,2-Trichloroethane
Concen: 52.214 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 237136

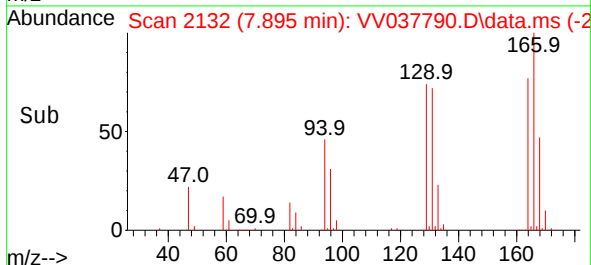
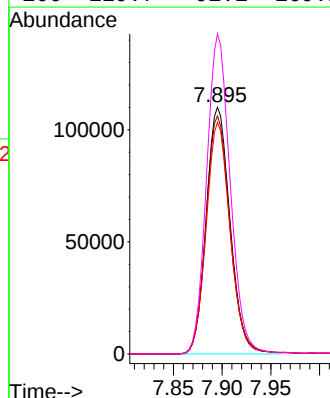
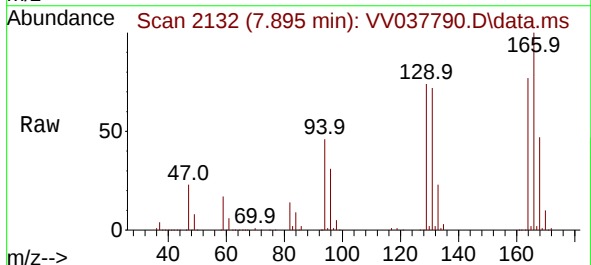
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.1	81.9
83	84.6	59.3	110.1
85	55.6	39.0	72.4

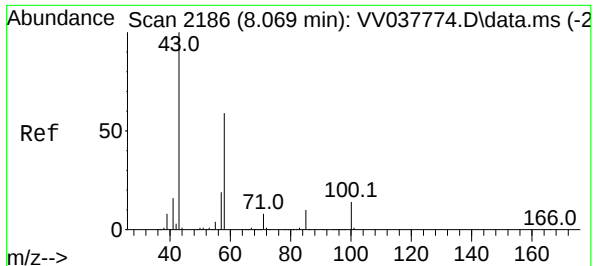


#46
Tetrachloroethene
Concen: 50.350 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion: 164 Resp: 187781

Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.2	126.6
131	93.9	66.1	122.8
166	129.7	91.1	169.1

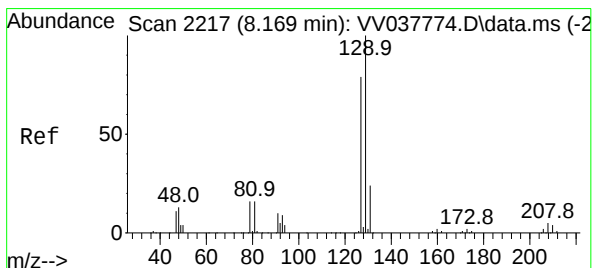
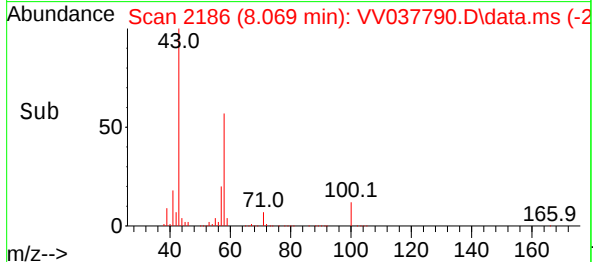
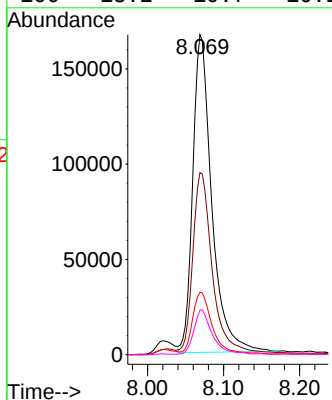
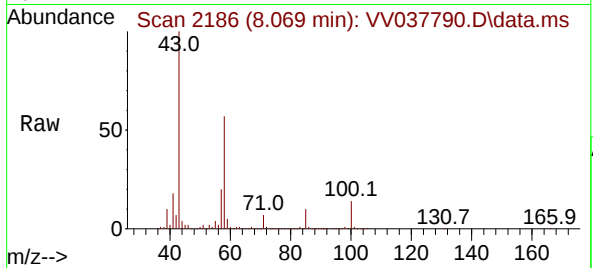




#48
2-Hexanone
Concen: 96.778 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

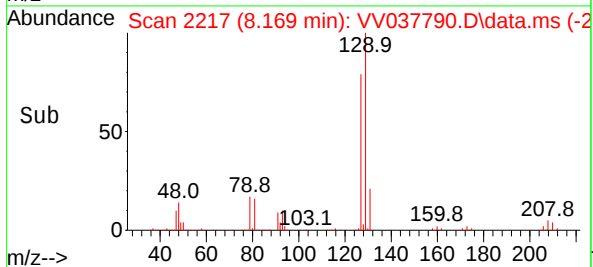
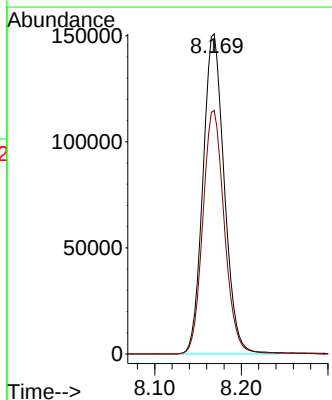
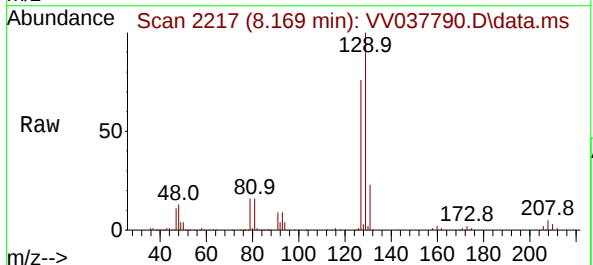
Instrument :
MSVOA_V
ClientSampleId :

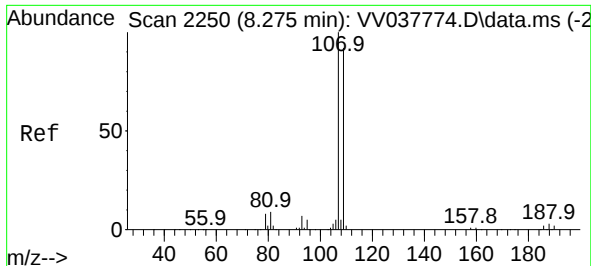
Tgt Ion: 43 Resp: 289807
Ion Ratio Lower Upper
43 100
58 58.2 46.5 69.7
57 19.3 15.1 22.7
100 13.2 10.7 16.1



#49
Dibromochloromethane
Concen: 53.655 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion: 129 Resp: 257909
Ion Ratio Lower Upper
129 100
127 76.1 54.9 101.9

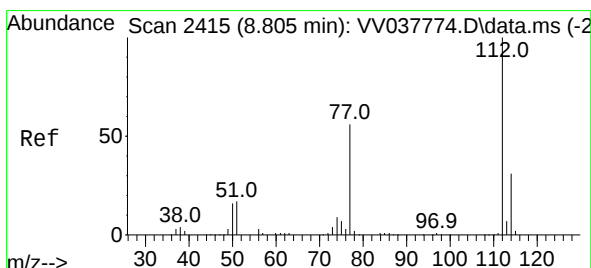
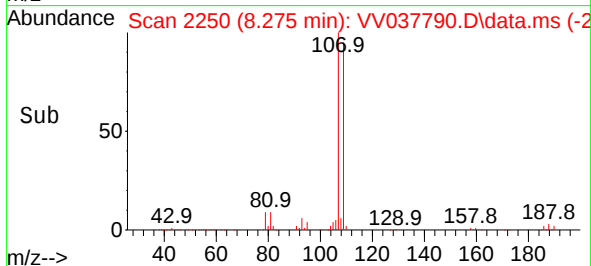
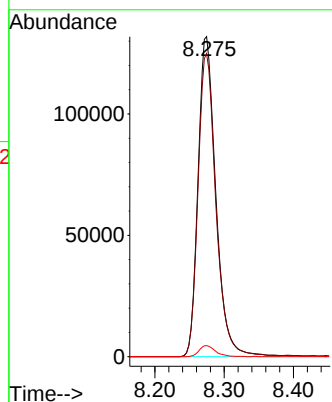
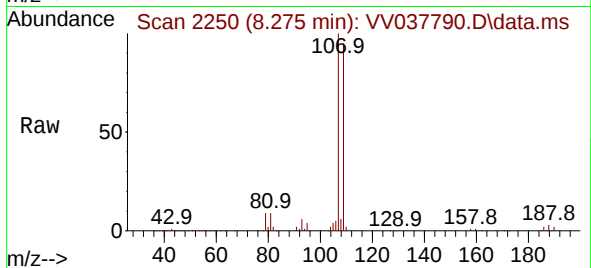




#50
1,2-Dibromoethane
Concen: 50.305 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

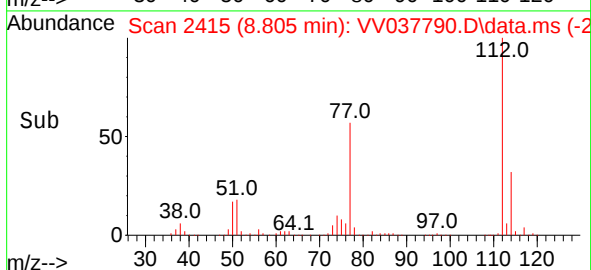
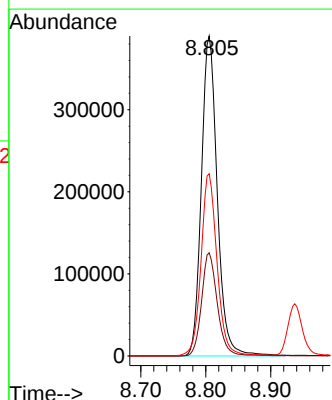
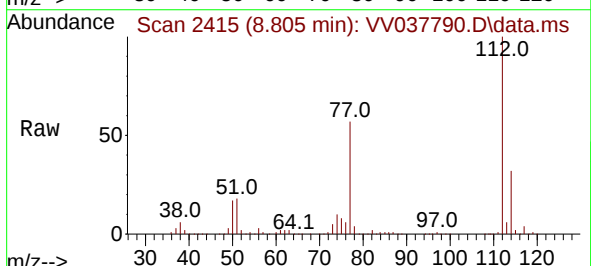
Instrument :
MSVOA_V
ClientSampleId :

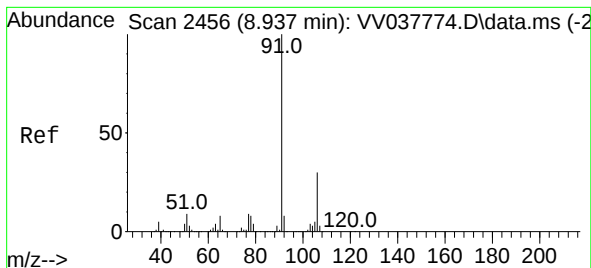
Tgt Ion:107 Resp: 236167
Ion Ratio Lower Upper
107 100
109 94.7 65.7 121.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 51.407 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion:112 Resp: 665057
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.7
77 57.0 45.8 68.8





#52

Ethylbenzene

Concen: 52.102 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

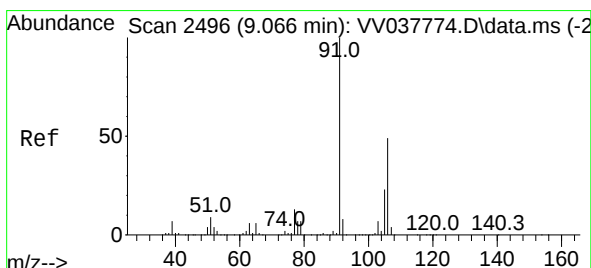
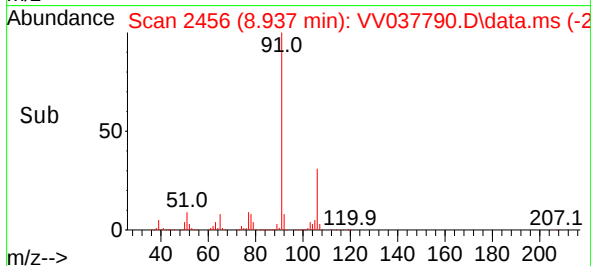
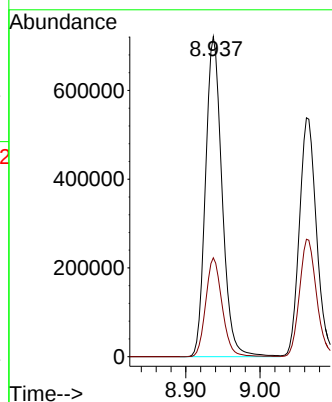
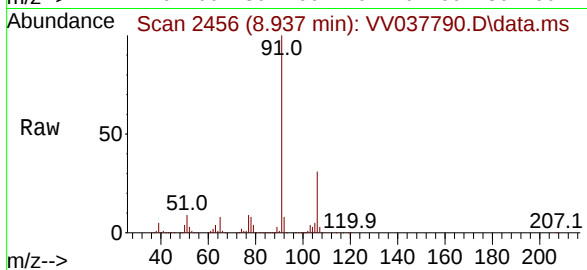
ClientSampleId :

Tgt Ion: 91 Resp: 1113665

Ion Ratio Lower Upper

91 100

106 30.9 21.9 40.7



#53

m,p-Xylene

Concen: 53.328 ug/L

RT: 9.062 min Scan# 2495

Delta R.T. -0.003 min

Lab File: VV037790.D

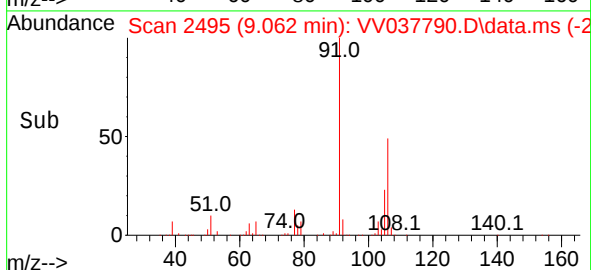
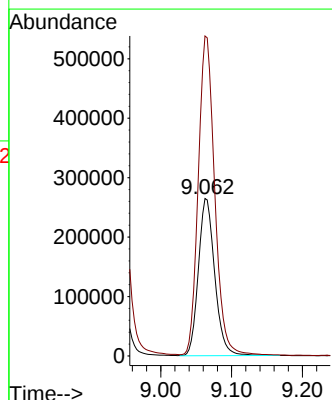
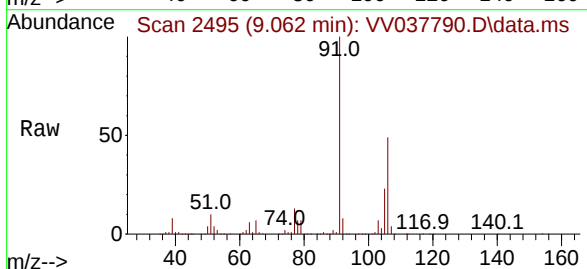
Acq: 10 Oct 2024 09:24

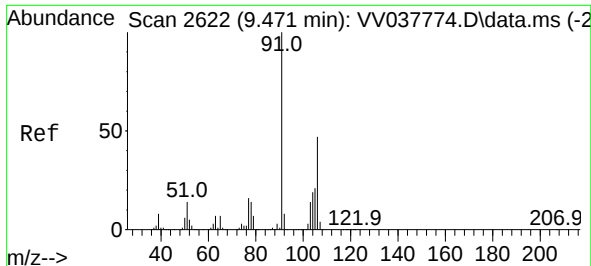
Tgt Ion:106 Resp: 424227

Ion Ratio Lower Upper

106 100

91 203.3 142.0 263.6

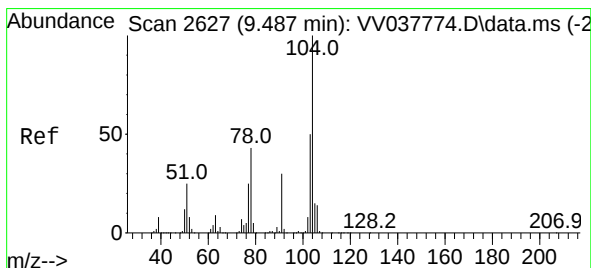
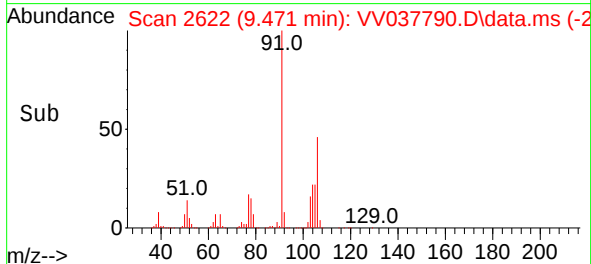
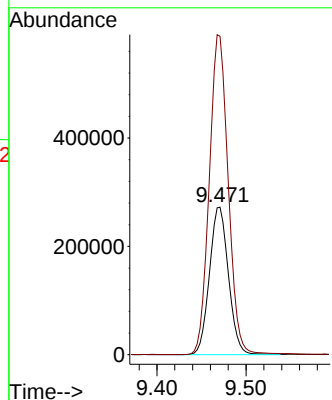
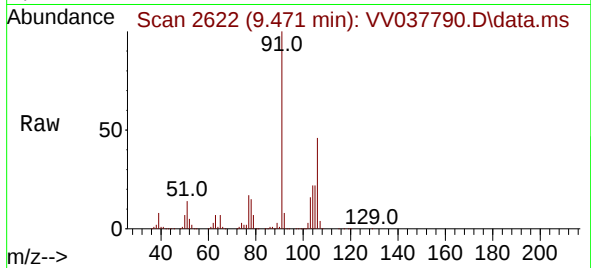




#54
o-Xylene
Concen: 51.959 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

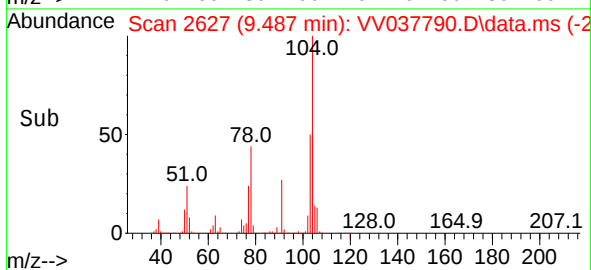
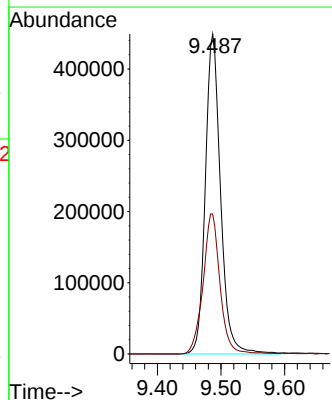
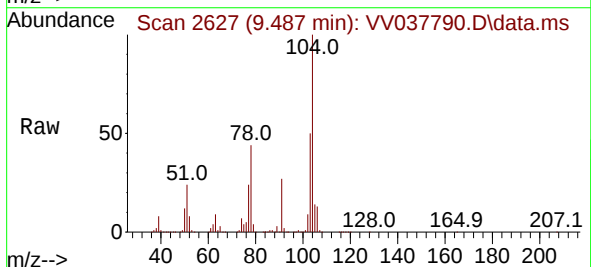
Instrument :
MSVOA_V
ClientSampleId :

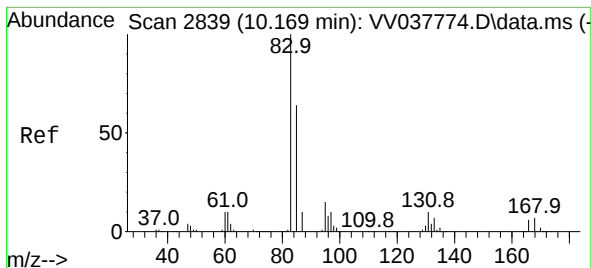
Tgt Ion:106 Resp: 403535
Ion Ratio Lower Upper
106 100
91 215.8 153.9 285.9



#55
Styrene
Concen: 55.148 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion:104 Resp: 745606
Ion Ratio Lower Upper
104 100
78 43.7 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 50.220 ug/L

RT: 10.168 min Scan# 2839

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

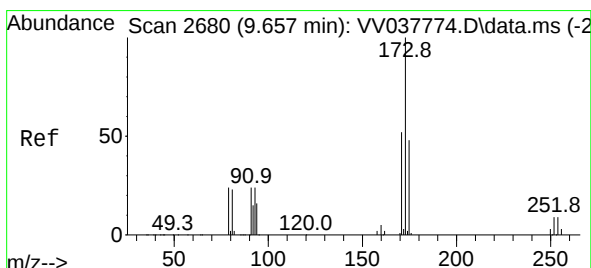
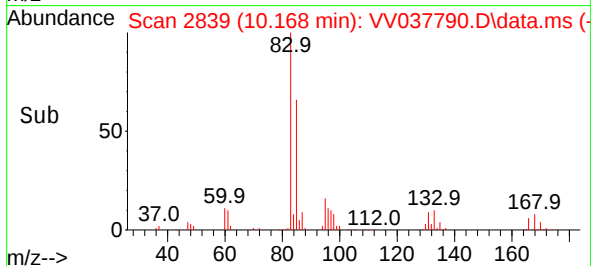
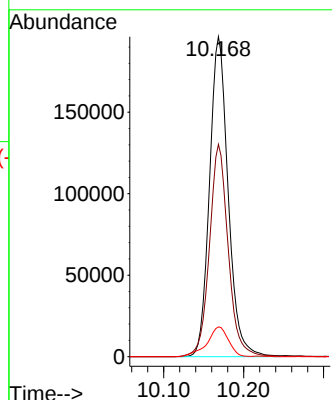
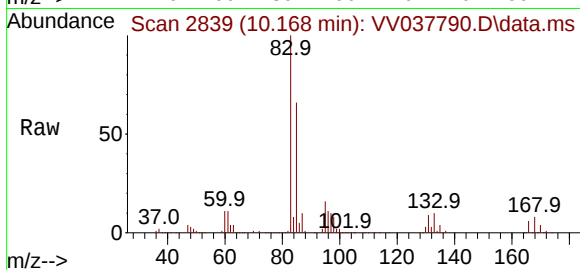
Tgt Ion: 83 Resp: 317996

Ion Ratio Lower Upper

83 100

85 66.3 45.9 85.3

131 9.3 7.9 11.9



#59

Bromoform

Concen: 50.666 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

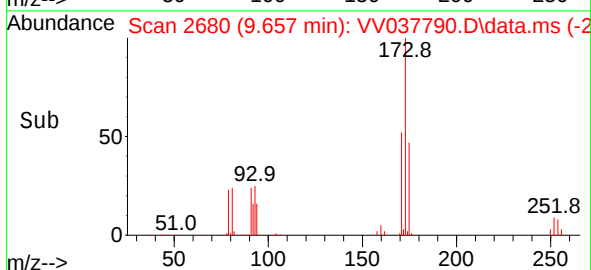
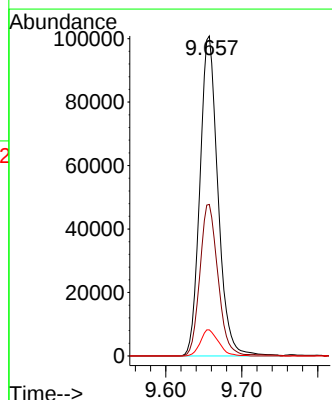
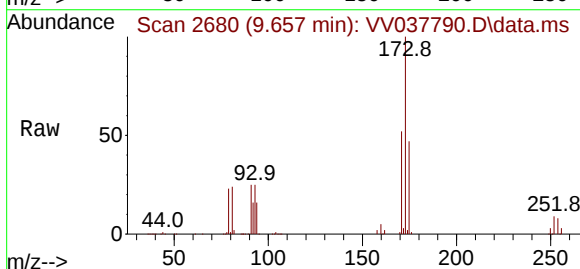
Tgt Ion: 173 Resp: 166134

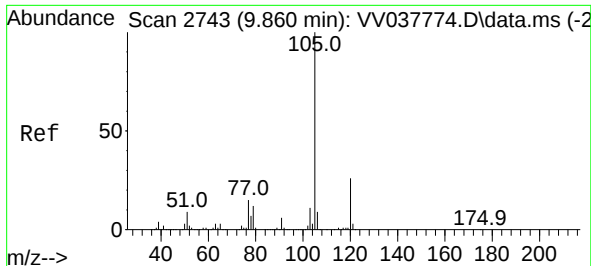
Ion Ratio Lower Upper

173 100

175 47.2 40.0 60.0

254 8.2 6.5 9.7





#60

Isopropylbenzene

Concen: 50.995 ug/L

RT: 9.857 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

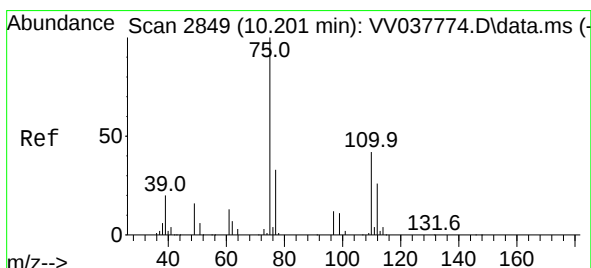
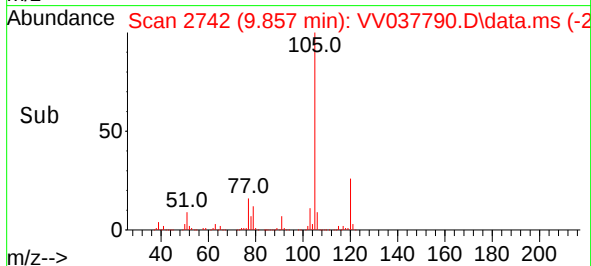
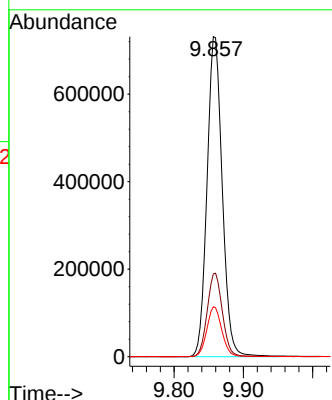
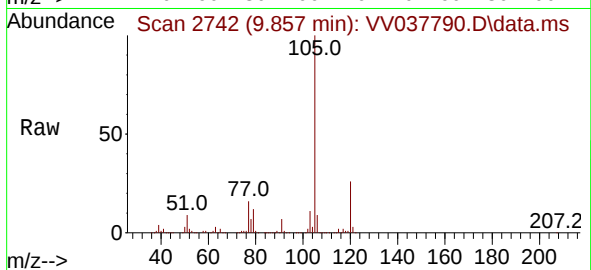
Tgt Ion:105 Resp: 1112274

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 48.282 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

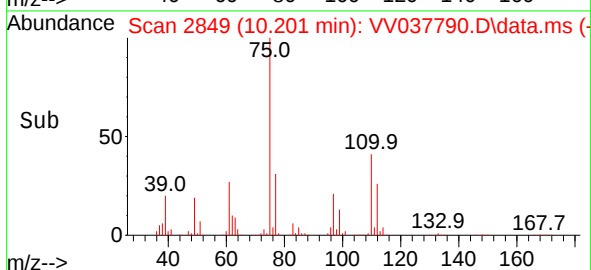
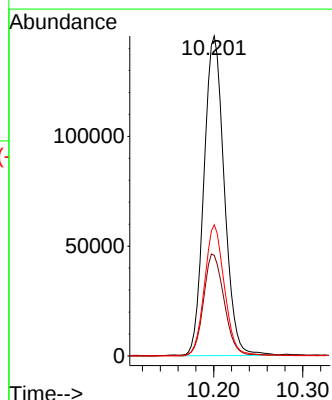
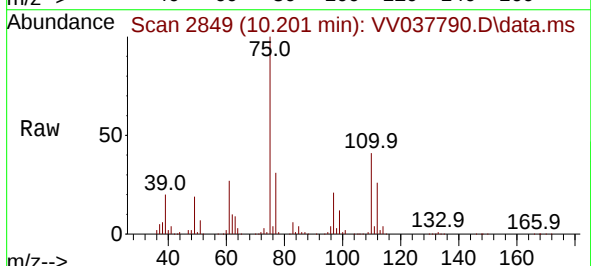
Tgt Ion: 75 Resp: 230490

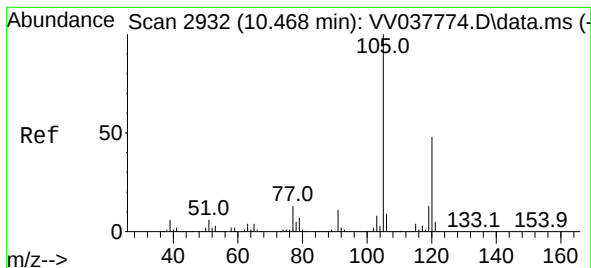
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

110 40.2 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 50.787 ug/L

RT: 10.467 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

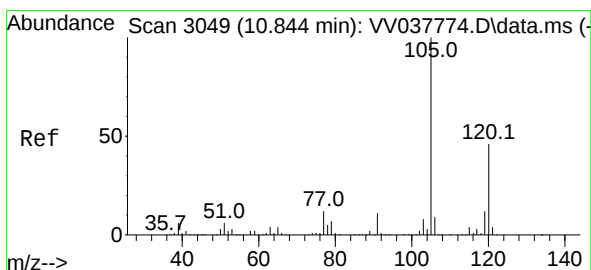
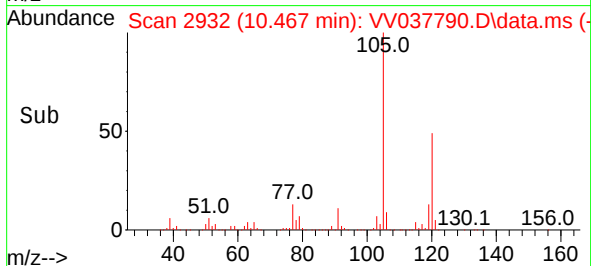
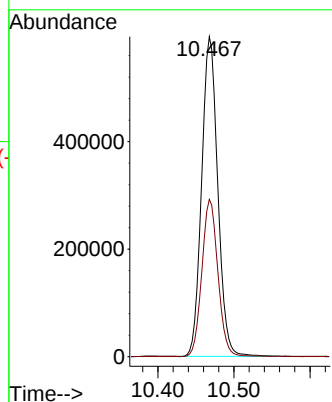
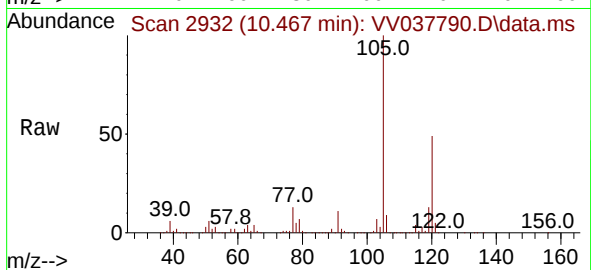
ClientSampleId :

Tgt Ion:105 Resp: 875784

Ion Ratio Lower Upper

105 100

120 49.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 51.351 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037790.D

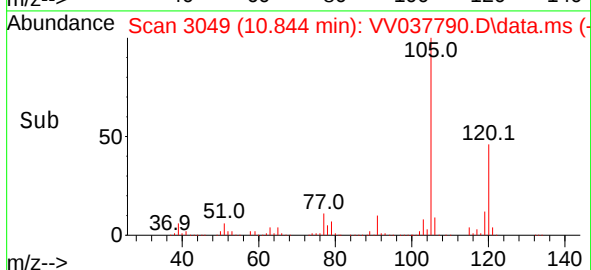
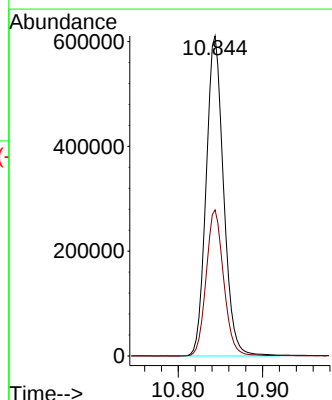
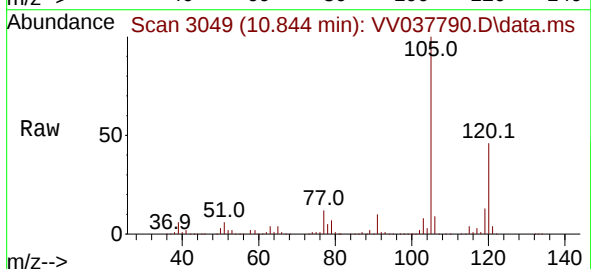
Acq: 10 Oct 2024 09:24

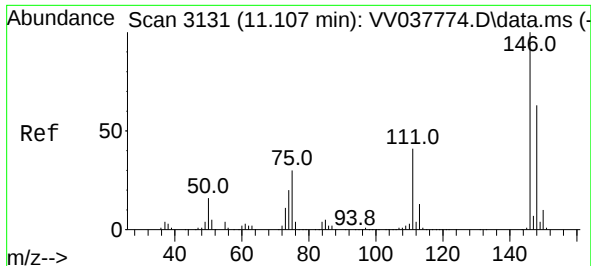
Tgt Ion:105 Resp: 881064

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.2

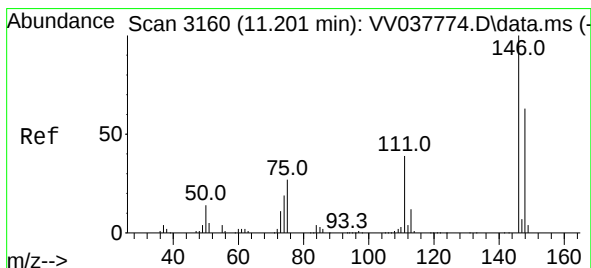
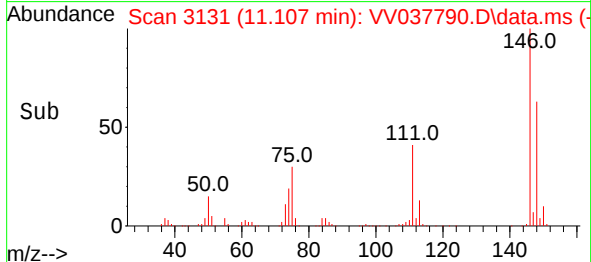
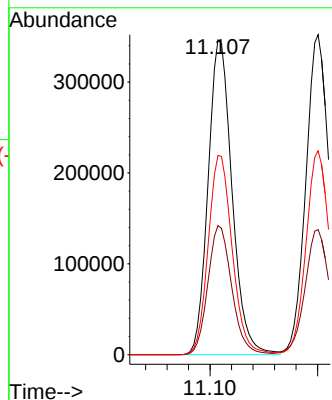
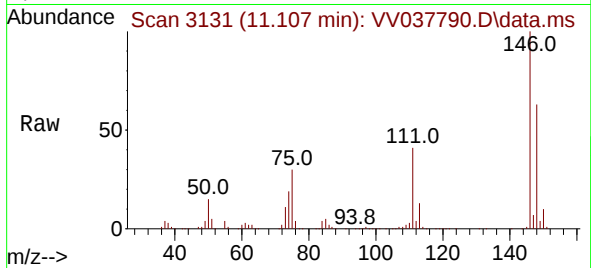




#64
1,3-Dichlorobenzene
Concen: 51.094 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

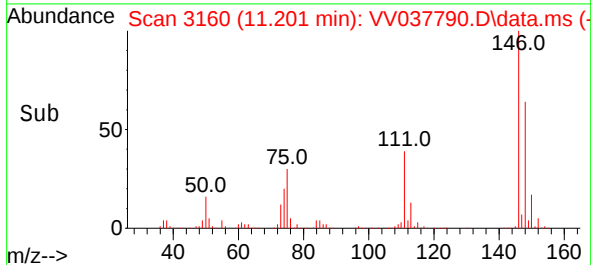
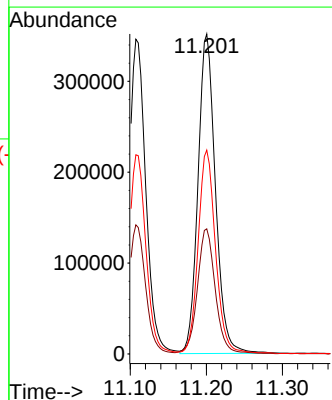
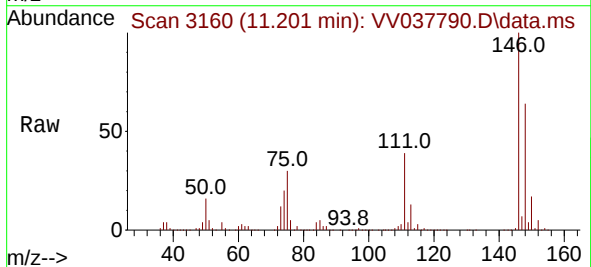
Instrument :
MSVOA_V
ClientSampleId :

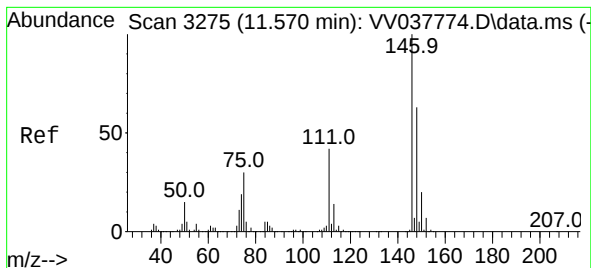
Tgt Ion:146 Resp: 536416
Ion Ratio Lower Upper
146 100
111 41.0 28.3 52.5
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 51.272 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV037790.D
Acq: 10 Oct 2024 09:24

Tgt Ion:146 Resp: 560503
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.4
148 63.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.705 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

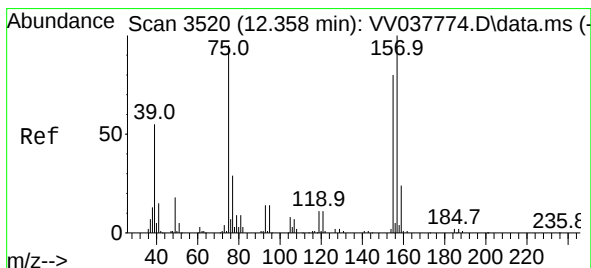
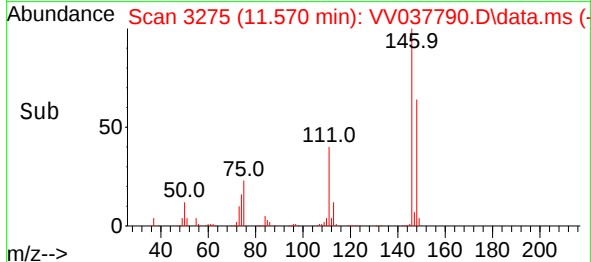
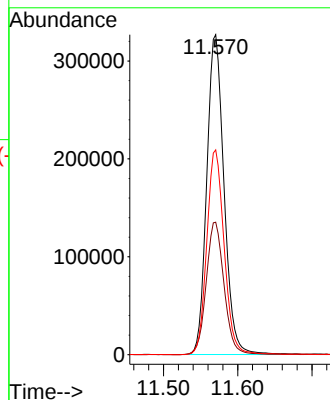
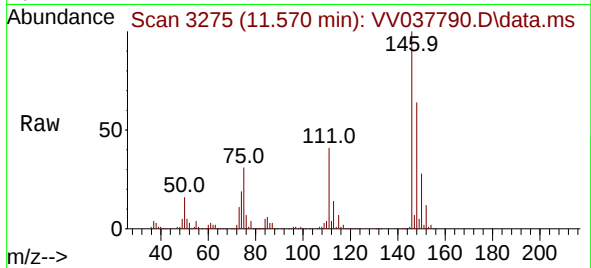
Tgt Ion:146 Resp: 526245

Ion Ratio Lower Upper

146 100

111 41.4 34.2 51.2

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 44.344 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

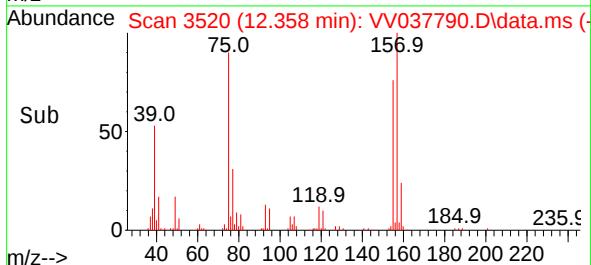
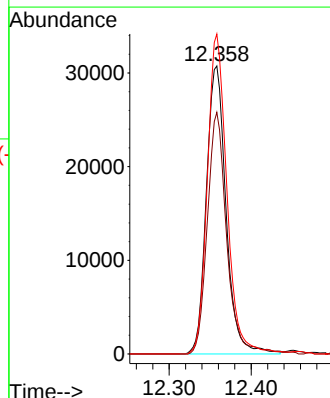
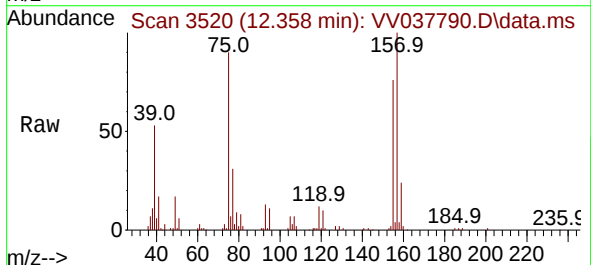
Tgt Ion: 75 Resp: 51387

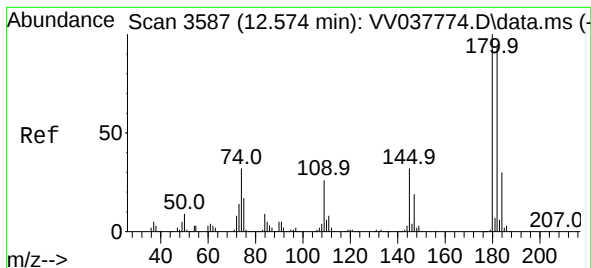
Ion Ratio Lower Upper

75 100

155 83.9 66.2 99.4

157 111.1 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 49.020 ug/L

RT: 12.573 min Scan# 3587

Delta R.T. -0.000 min

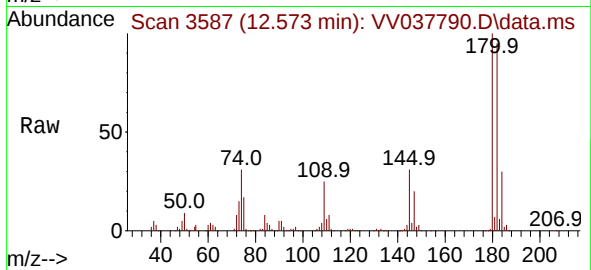
Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 353908

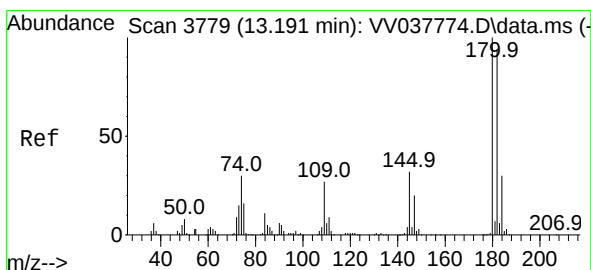
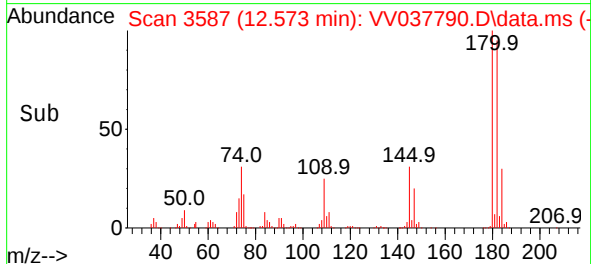
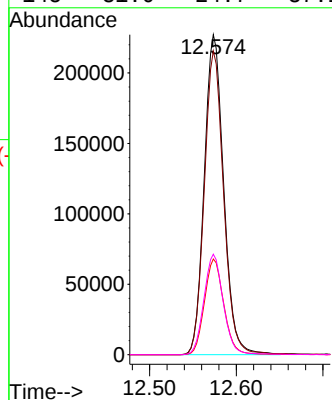
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

184 29.7 23.8 35.6

145 31.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 46.392 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

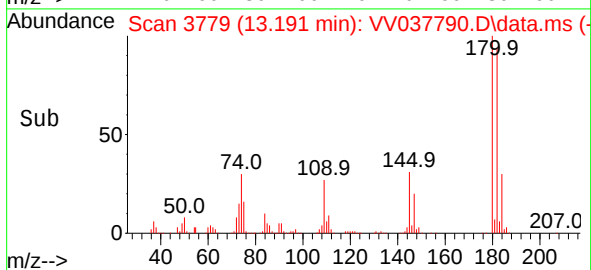
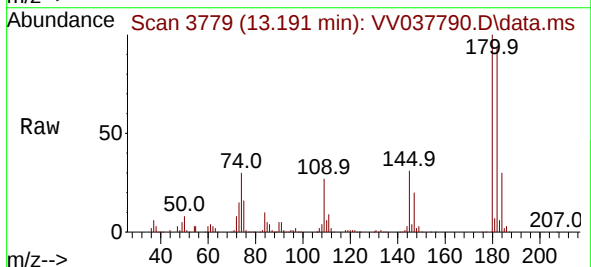
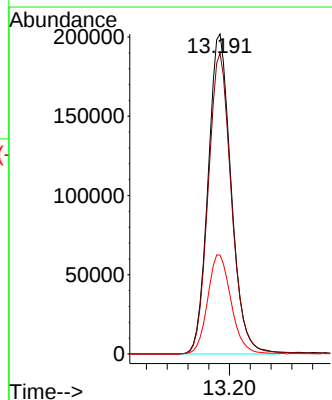
Tgt Ion:180 Resp: 310750

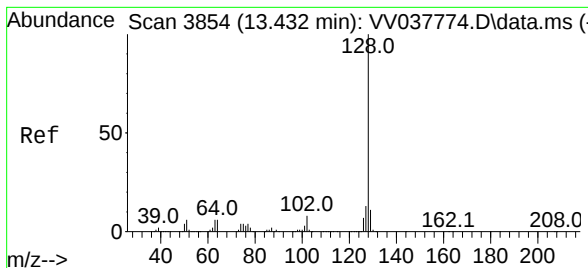
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 31.7 25.4 38.2





#71

Naphthalene

Concen: 42.979 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

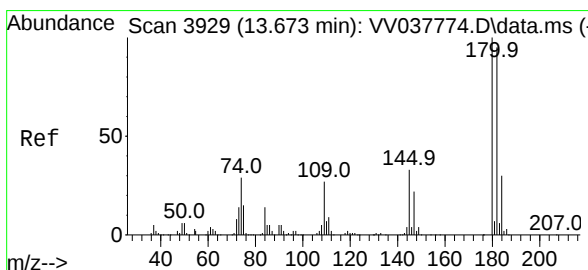
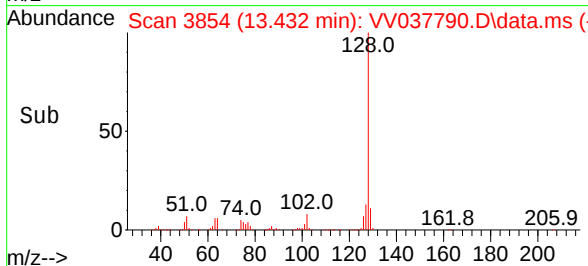
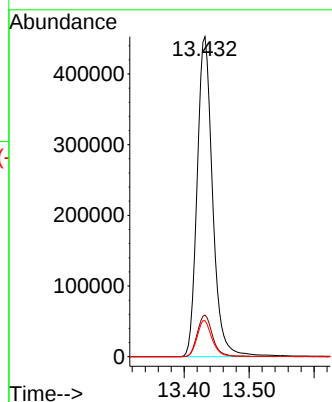
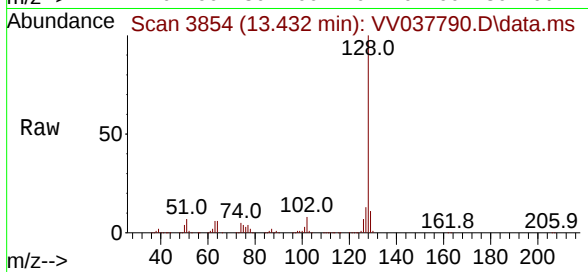
Tgt Ion:128 Resp: 752163

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 47.019 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV037790.D

Acq: 10 Oct 2024 09:24

Tgt Ion:180 Resp: 311021

Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.8

145 33.3 26.2 39.4

