

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100924\
 Data File : VV037788.D
 Acq On : 09 Oct 2024 17:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 10 03:14:50 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	5.529	114	572073	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	560117	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	313359	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	205487	40.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.840%
7) Chloroethane-d5	1.532	69	181647	46.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.056	65	93112	44.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.760%
21) 2-Butanone-d5	3.796	46	185062	103.462	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.460%
24) Chloroform-d	4.243	84	459599	51.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	4.937	65	269023	51.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
32) Benzene-d6	4.950	84	868501	49.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.100%
36) 1,2-Dichloropropane-d6	5.985	67	275883	49.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.860%
41) Toluene-d8	7.236	98	785357	49.415	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.820%
43) trans-1,3-Dichloroprop...	7.548	79	125295	48.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.660%
47) 2-Hexanone-d5	8.024	63	123966	105.188	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.190%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	348651	53.763	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.520%
66) 1,2-Dichlorobenzene-d4	11.554	152	311432	47.164	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	230565	47.343	ug/L	100
3) Chloromethane	1.220	50	231671	48.999	ug/L	99
5) Vinyl chloride	1.285	62	248723	49.069	ug/L	99
6) Bromomethane	1.487	94	136028	48.357	ug/L	99
8) Chloroethane	1.548	64	153582	49.158	ug/L	98
9) Trichlorofluoromethane	1.712	101	353167	51.761	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	204078	50.054	ug/L	99
12) 1,1-Dichloroethene	2.069	96	190884	50.120	ug/L	85
13) Acetone	2.114	43	136745	77.985	ug/L	100
14) Carbon disulfide	2.236	76	532206	44.767	ug/L	100
15) Methyl Acetate	2.371	43	175796	57.449	ug/L	99
16) Methylene chloride	2.442	84	221188	51.292	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	202518	50.264	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	632635	54.728	ug/L	99
19) 1,1-Dichloroethane	3.104	63	407990	52.851	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	229845	50.977	ug/L	99
22) 2-Butanone	3.876	43	191466	98.653	ug/L	96
23) Bromochloromethane	4.140	128	123827	53.092	ug/L	95
25) Chloroform	4.268	83	426236	53.329	ug/L	99

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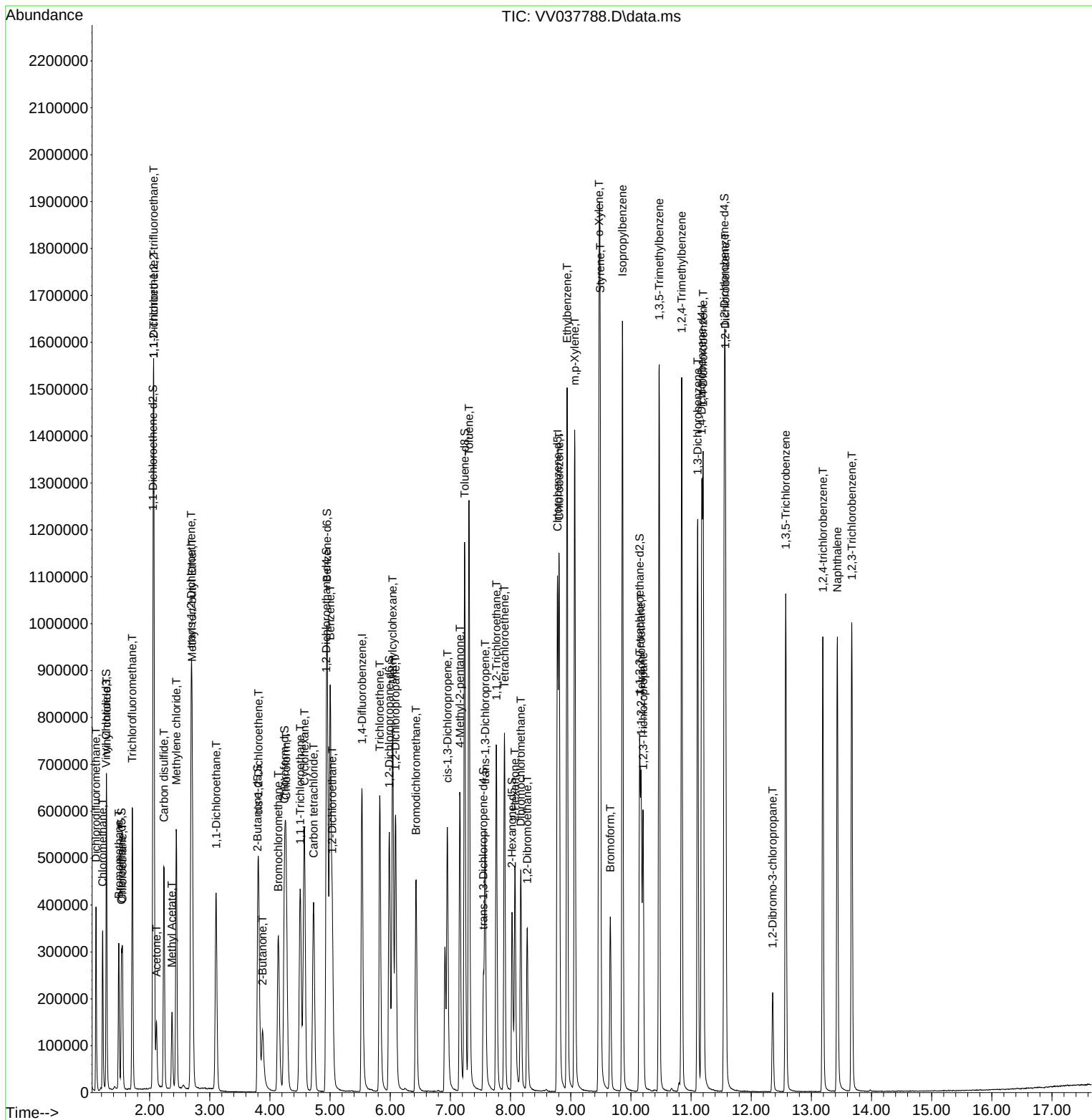
Instrument :
 MSVOA_V
 ClientSampleId :

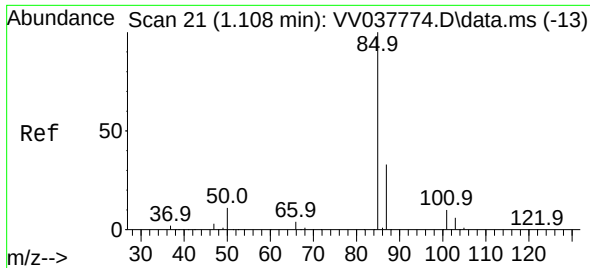
Quant Time: Oct 10 03:14:50 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 03:11:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	306190	54.266	ug/L	100
29) Cyclohexane	4.574	56	293486	46.149	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	363206	52.649	ug/L	99
31) Carbon tetrachloride	4.725	117	311328	51.908	ug/L	99
33) Benzene	5.002	78	888820	52.616	ug/L	100
34) Trichloroethene	5.825	95	228321	50.753	ug/L	98
35) Methylcyclohexane	6.040	83	322030	46.532	ug/L	99
37) 1,2-Dichloropropane	6.088	63	238693	54.720	ug/L	99
38) Bromodichloromethane	6.429	83	316596	54.293	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	353396	50.752	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	410439	115.562	ug/L	99
42) Toluene	7.310	91	939011	53.620	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	331030	52.805	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	232410	55.487	ug/L	99
46) Tetrachloroethene	7.898	164	172417	50.128	ug/L	97
48) 2-Hexanone	8.072	43	294369	106.589	ug/L	99
49) Dibromochloromethane	8.172	129	242706	54.749	ug/L	99
50) 1,2-Dibromoethane	8.278	107	232994	53.813	ug/L	98
51) Chlorobenzene	8.808	112	611572	51.259	ug/L	99
52) Ethylbenzene	8.940	91	1022147	51.852	ug/L	100
53) m,p-Xylene	9.066	106	391442	53.356	ug/L	98
54) o-Xylene	9.471	106	379474	52.980	ug/L	97
55) Styrene	9.490	104	695491	55.778	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	324147	55.508	ug/L	98
59) Bromoform	9.657	173	162870	53.179	ug/L	97
60) Isopropylbenzene	9.860	105	1024250	50.276	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	239430	53.696	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	811843	50.404	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	806123	50.302	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	492655	50.240	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	512614	50.202	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	486563	50.193	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	55673	51.435	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	320929	47.591	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	288592	46.126	ug/L	100
71) Naphthalene	13.432	128	775676	47.453	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	294344	47.640	ug/L	99

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

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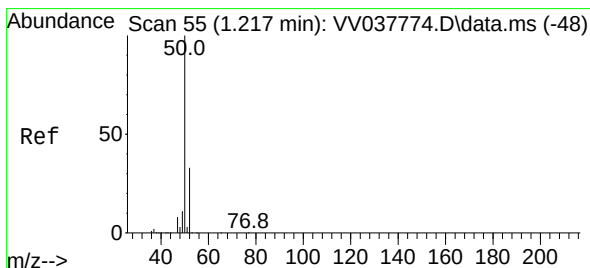
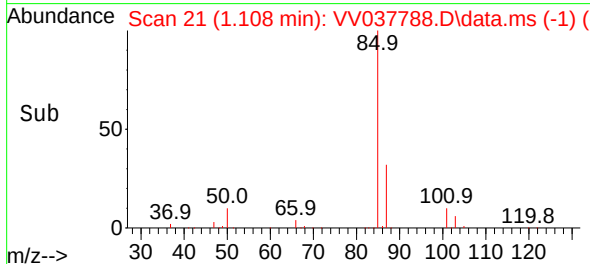
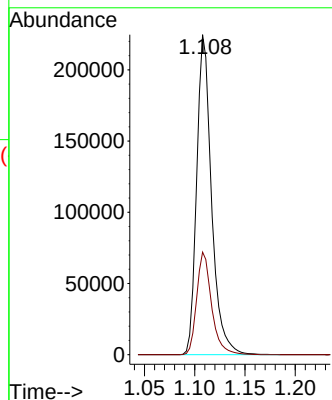
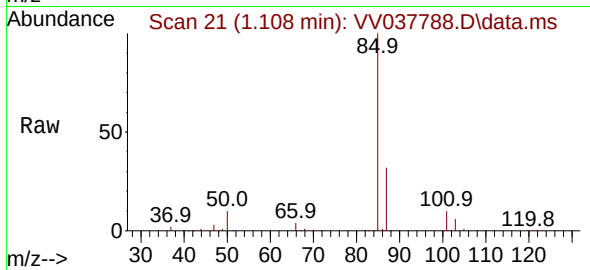




#2
Dichlorodifluoromethane
Concen: 47.343 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

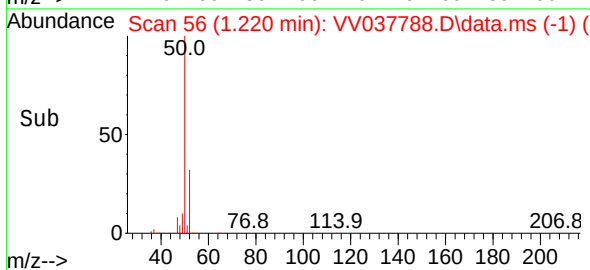
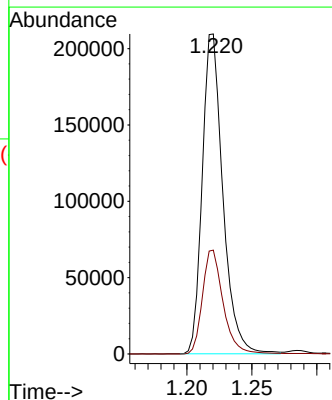
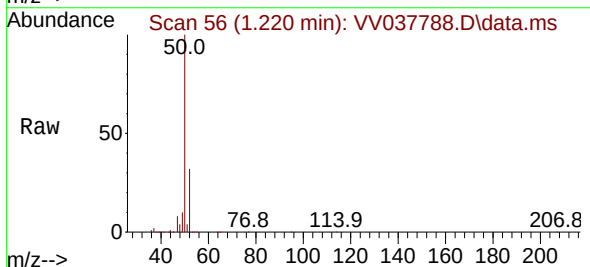
Instrument :
MSVOA_V
ClientSampleId :

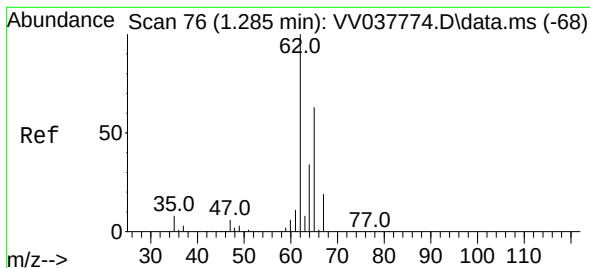
Tgt Ion: 85 Resp: 230565
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 48.999 ug/L
RT: 1.220 min Scan# 56
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion: 50 Resp: 231671
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2





#5

Vinyl chloride

Concen: 49.069 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

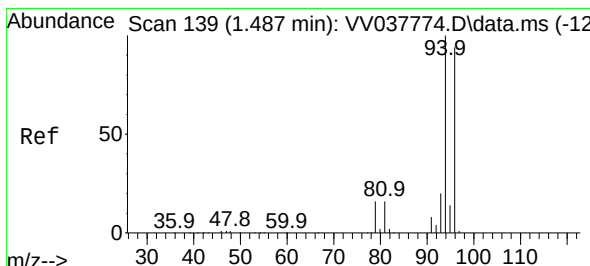
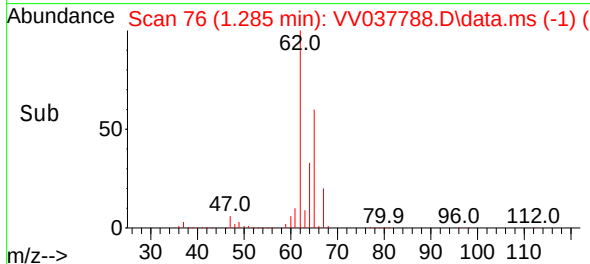
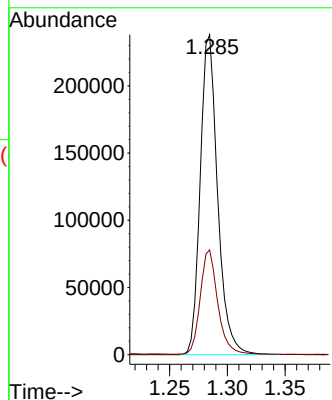
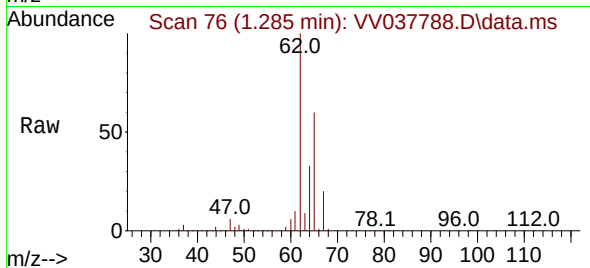
ClientSampleId :

Tgt Ion: 62 Resp: 248723

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.0



#6

Bromomethane

Concen: 48.357 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV037788.D

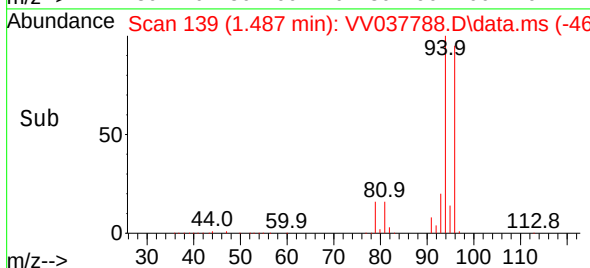
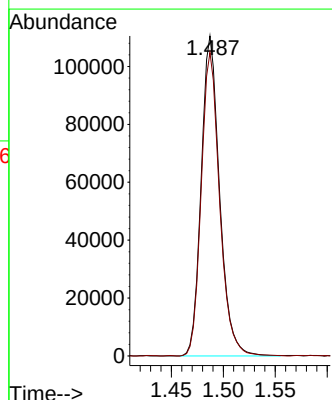
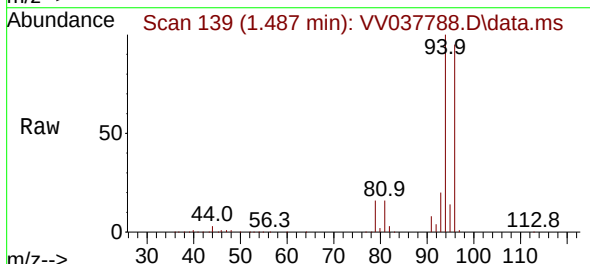
Acq: 09 Oct 2024 17:58

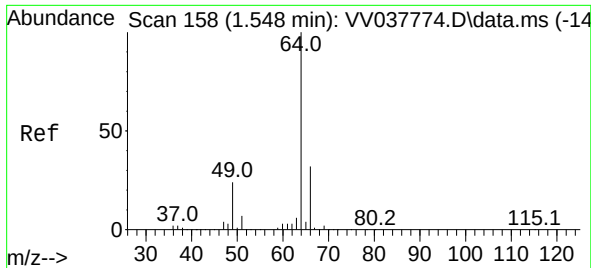
Tgt Ion: 94 Resp: 136028

Ion Ratio Lower Upper

94 100

96 94.9 65.8 122.2

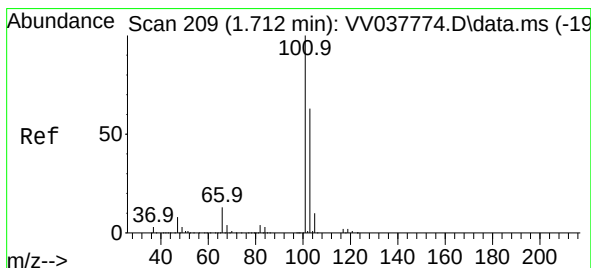
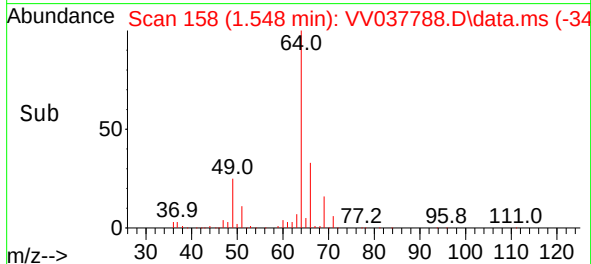
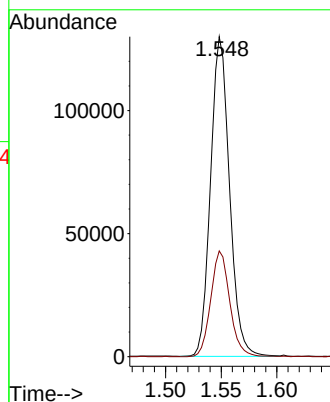
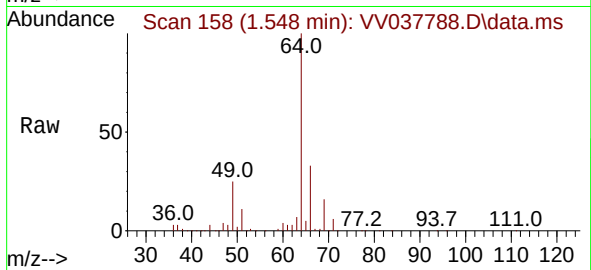




#8
Chloroethane
Concen: 49.158 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

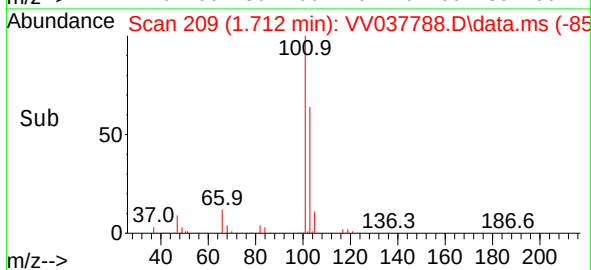
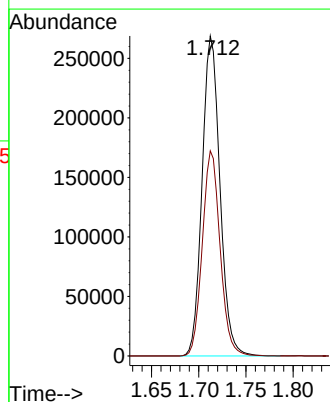
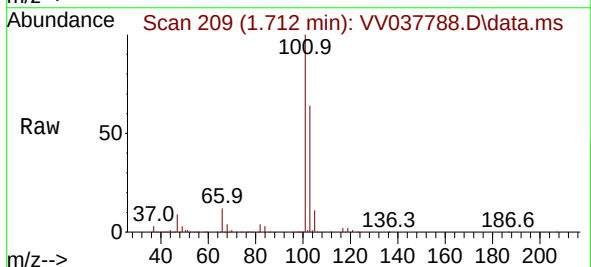
Instrument :
MSVOA_V
ClientSampleId :

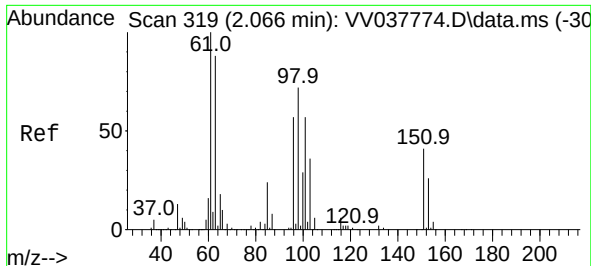
Tgt Ion: 64 Resp: 153582
Ion Ratio Lower Upper
64 100
66 33.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 51.761 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion:101 Resp: 353167
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4





#10

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

Concen: 50.054 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

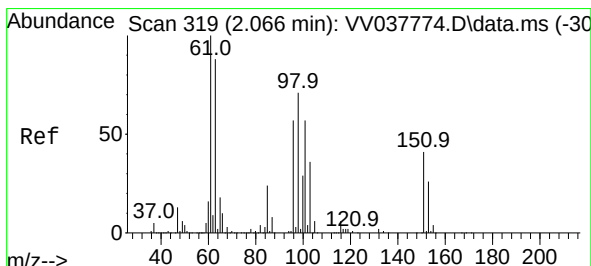
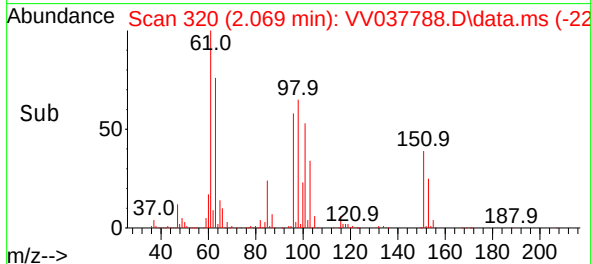
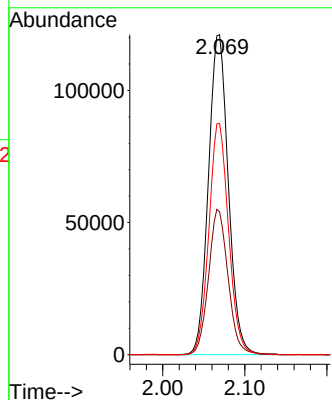
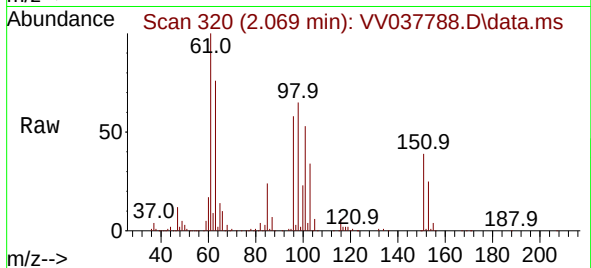
Tgt Ion:101 Resp: 204078

Ion Ratio Lower Upper

101 100

85 44.5 34.6 52.0

151 71.6 57.5 86.3



#12

1,1-Dichloroethene

Concen: 50.120 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

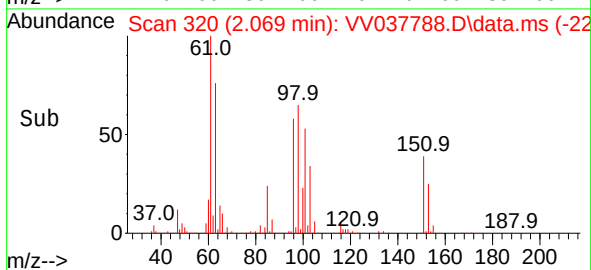
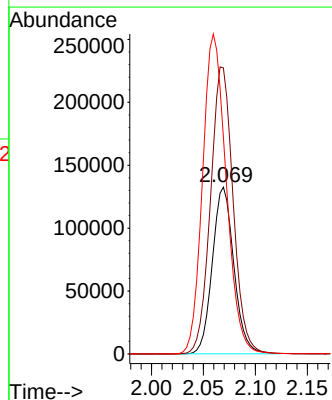
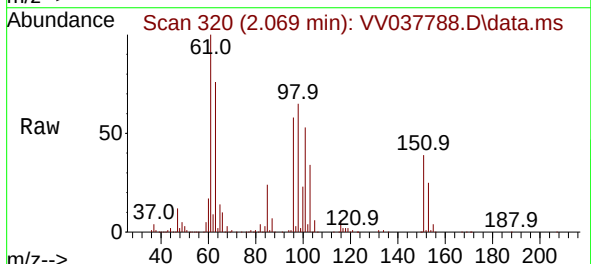
Tgt Ion: 96 Resp: 190884

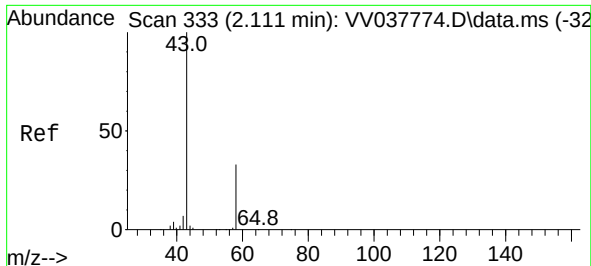
Ion Ratio Lower Upper

96 100

61 171.4 122.6 227.6

63 129.9 118.0 219.2





#13

Acetone

Concen: 77.985 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

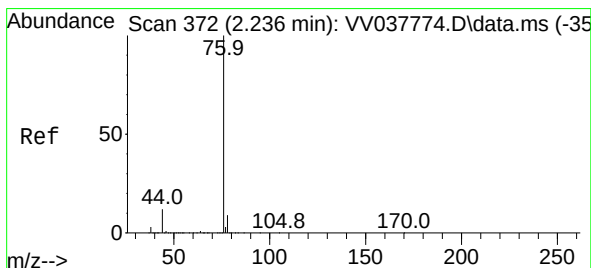
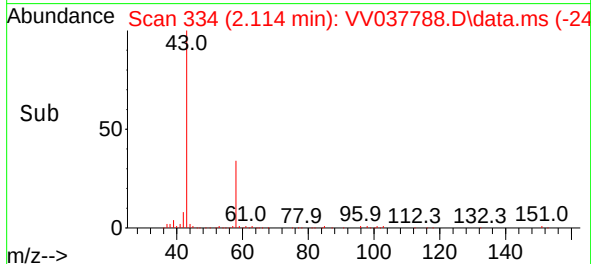
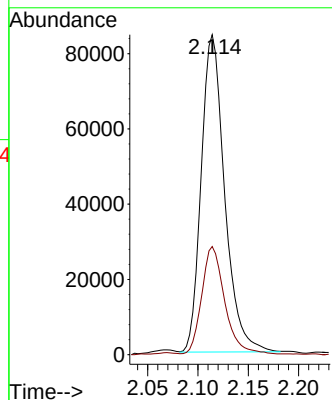
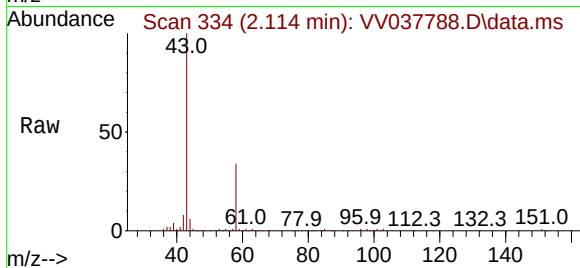
ClientSampleId :

Tgt Ion: 43 Resp: 136745

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.6



#14

Carbon disulfide

Concen: 44.767 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037788.D

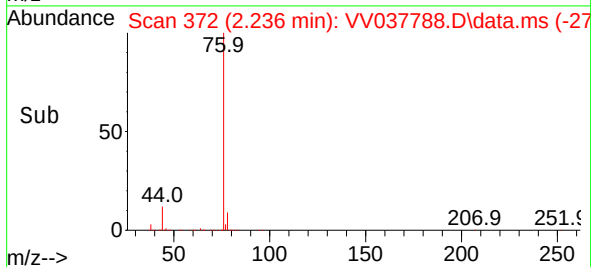
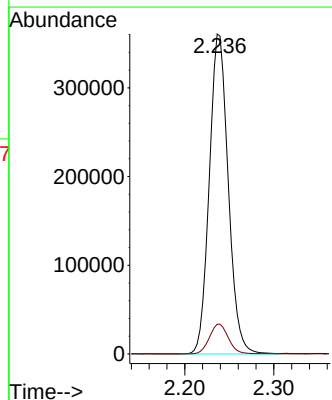
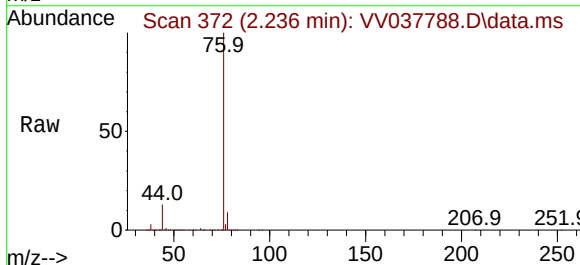
Acq: 09 Oct 2024 17:58

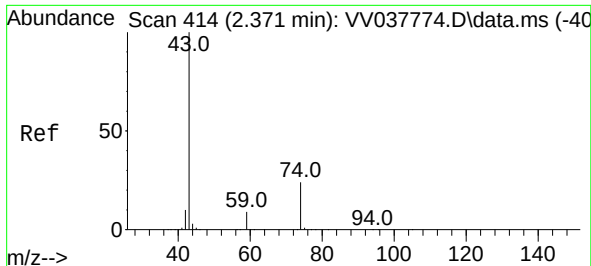
Tgt Ion: 76 Resp: 532206

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

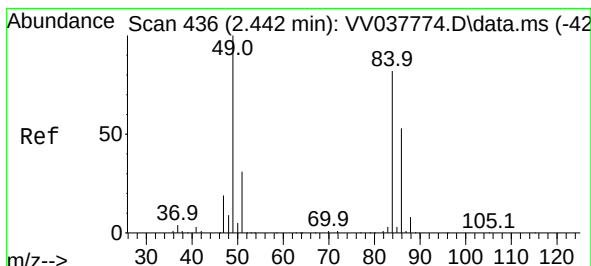
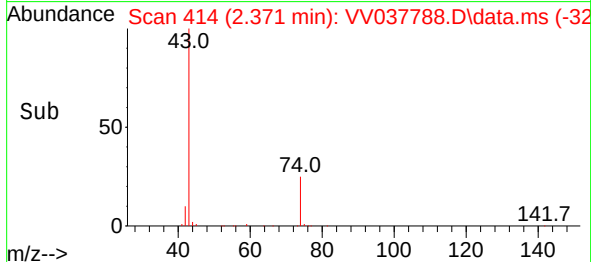
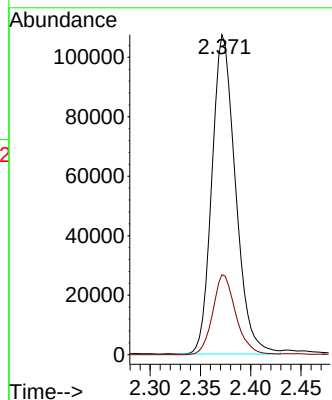
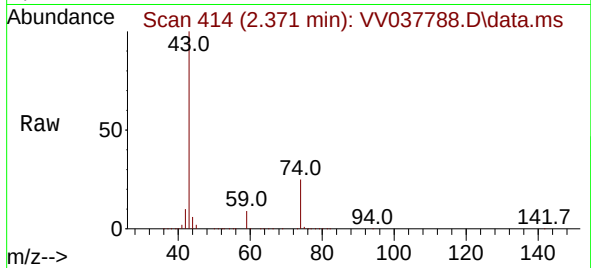




#15
Methyl Acetate
Concen: 57.449 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

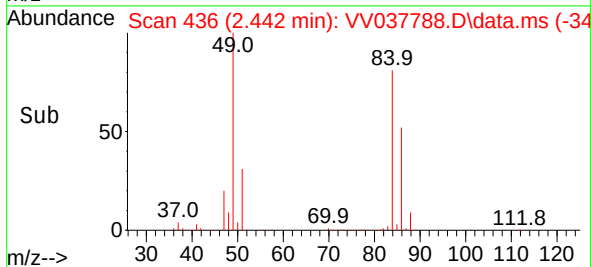
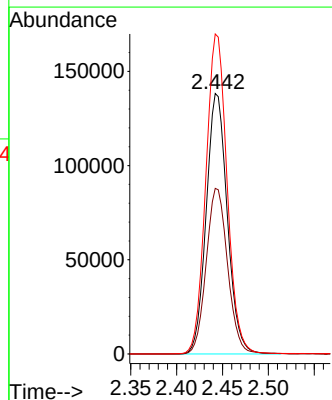
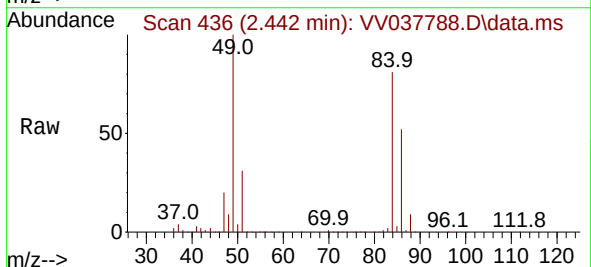
Instrument :
MSVOA_V
ClientSampleId :

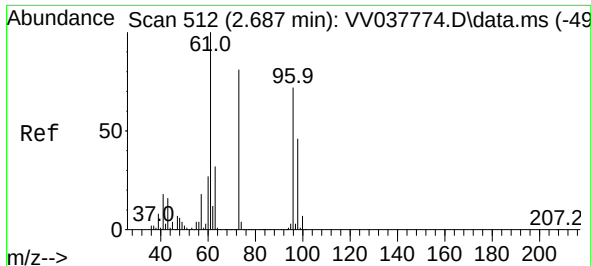
Tgt Ion: 43 Resp: 175796
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.0



#16
Methylene chloride
Concen: 51.292 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

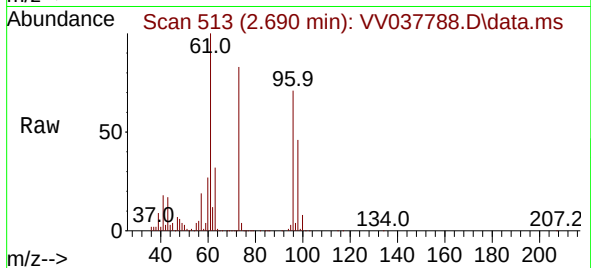
Tgt Ion: 84 Resp: 221188
Ion Ratio Lower Upper
84 100
86 63.6 46.4 86.2
49 122.8 85.9 159.5



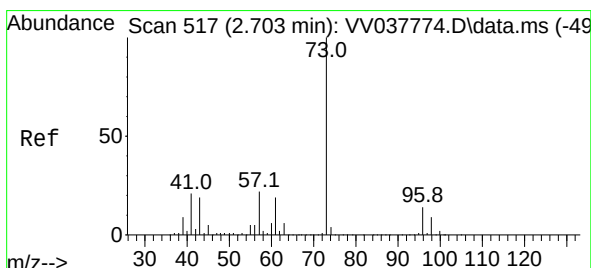
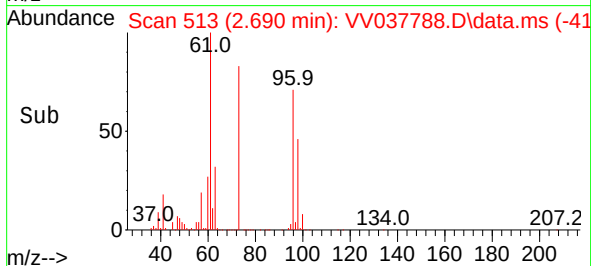
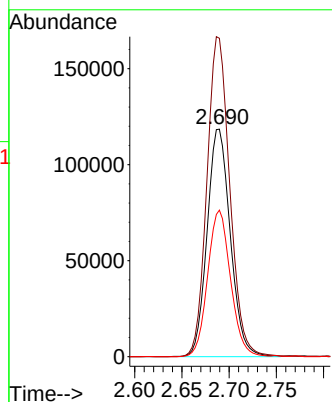


#17
trans-1,2-Dichloroethene
Concen: 50.264 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

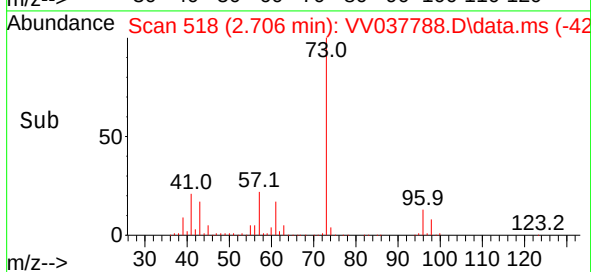
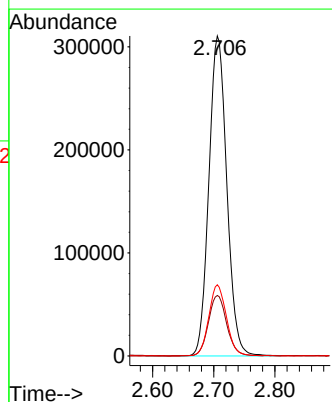
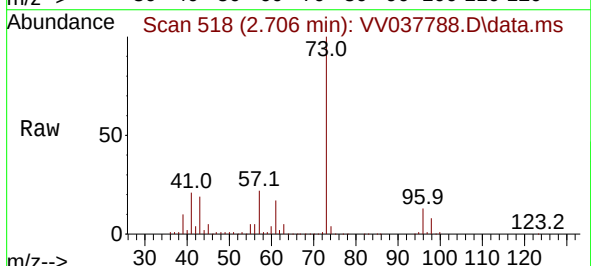


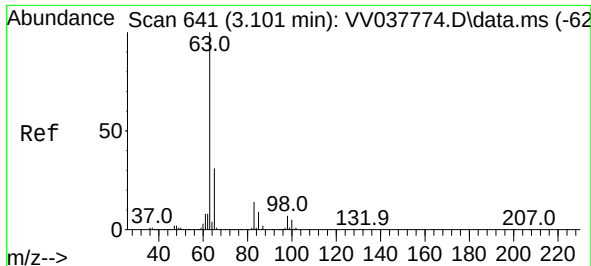
Tgt Ion: 96 Resp: 202518
Ion Ratio Lower Upper
96 100
61 139.9 97.3 180.7
98 64.4 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 54.728 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

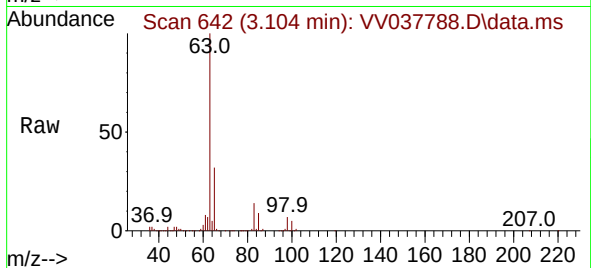
Tgt Ion: 73 Resp: 632635
Ion Ratio Lower Upper
73 100
43 19.4 15.1 22.7
57 21.8 17.4 26.2



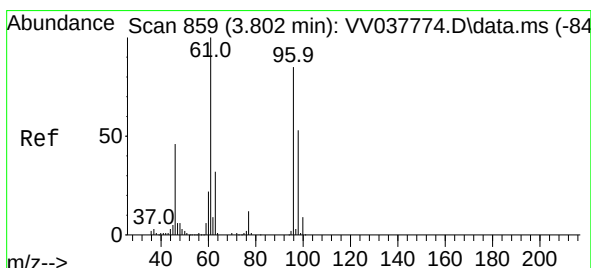
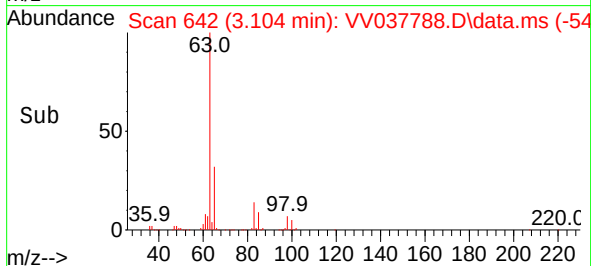
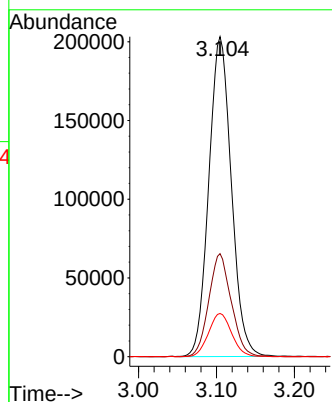


#19
1,1-Dichloroethane
Concen: 52.851 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

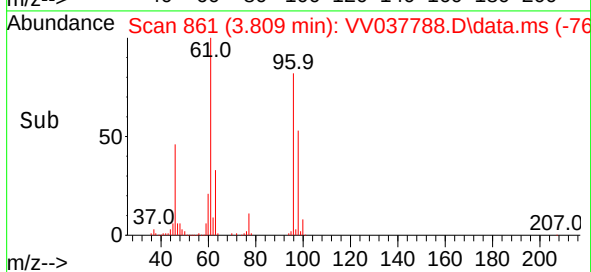
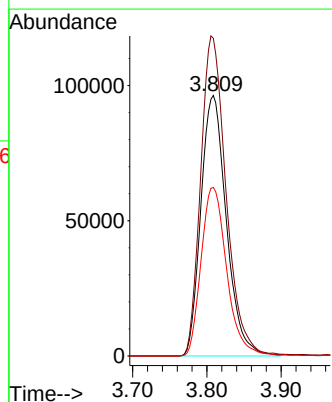
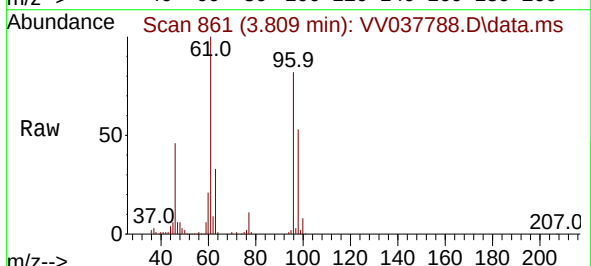


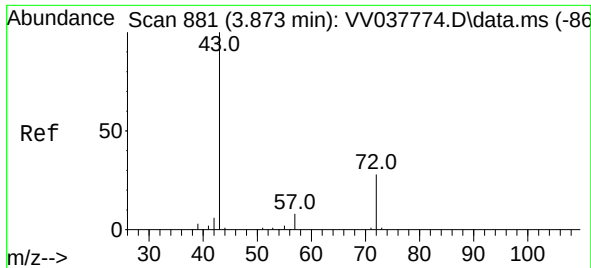
Tgt Ion: 63 Resp: 407990
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.977 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion: 96 Resp: 229845
Ion Ratio Lower Upper
96 100
61 122.0 85.0 157.8
98 64.7 44.2 82.0





#22

2-Butanone

Concen: 98.653 ug/L

RT: 3.876 min Scan# 881

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

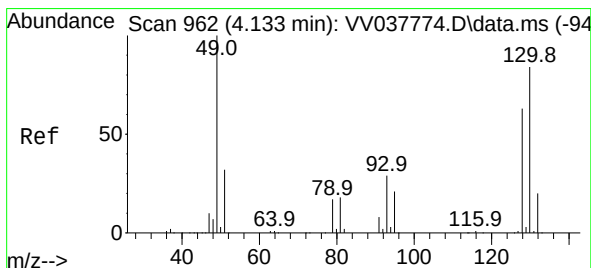
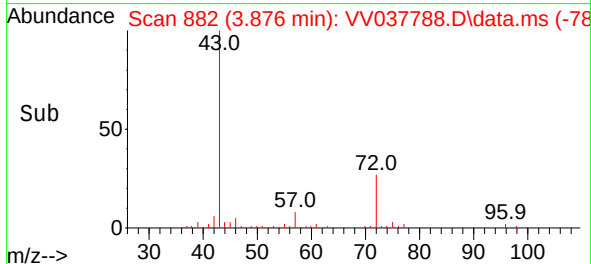
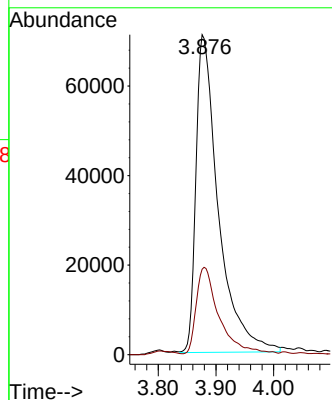
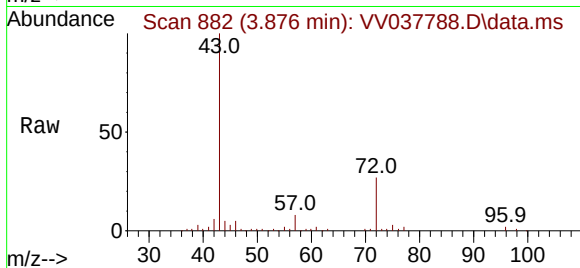
ClientSampleId :

Tgt Ion: 43 Resp: 191466

Ion Ratio Lower Upper

43 100

72 26.2 14.3 42.9



#23

Bromochloromethane

Concen: 53.092 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.006 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Tgt Ion: 128 Resp: 123827

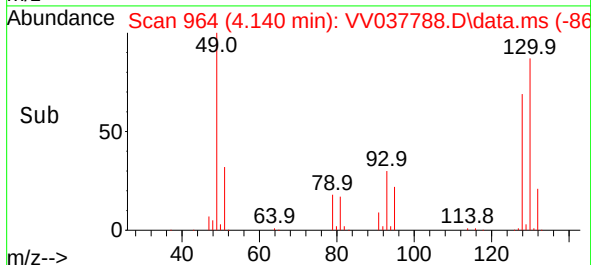
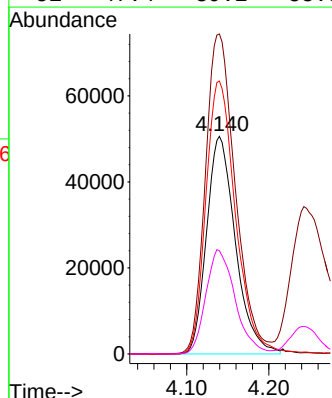
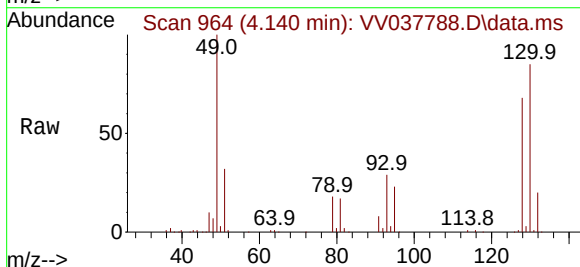
Ion Ratio Lower Upper

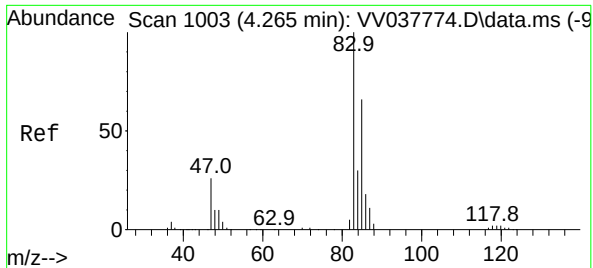
128 100

49 147.0 108.7 201.9

130 125.4 90.4 168.0

51 47.4 39.2 58.8





#25

Chloroform

Concen: 53.329 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

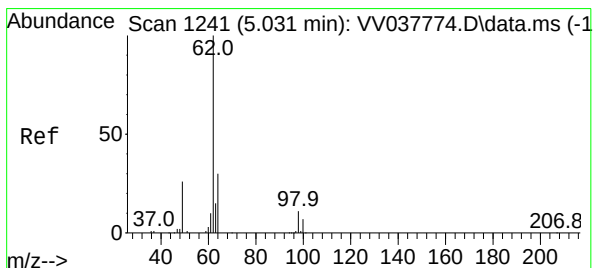
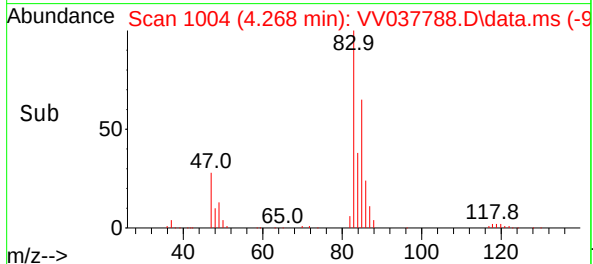
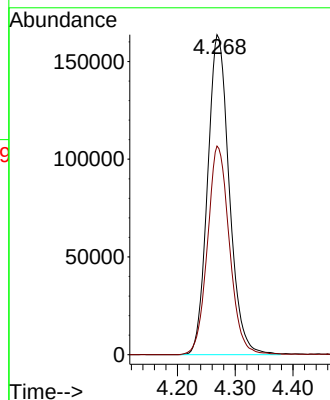
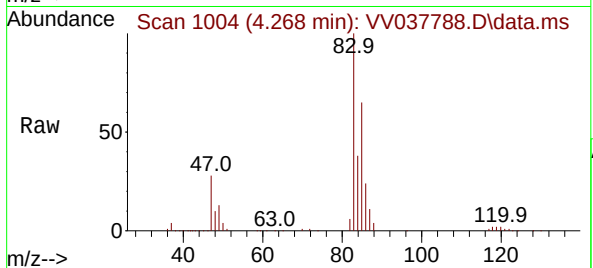
ClientSampleId :

Tgt Ion: 83 Resp: 426236

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.266 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VV037788.D

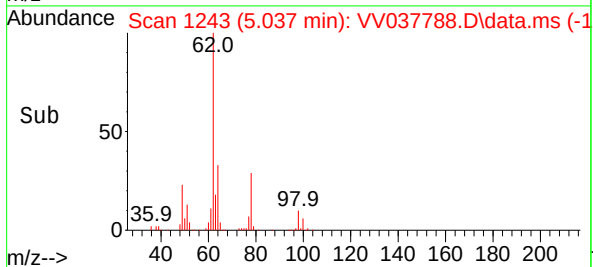
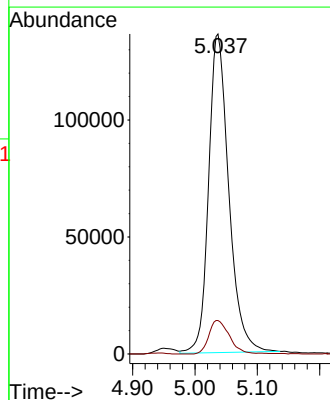
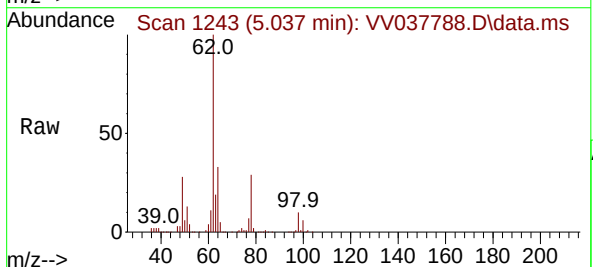
Acq: 09 Oct 2024 17:58

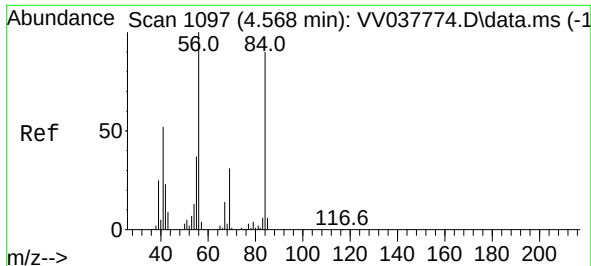
Tgt Ion: 62 Resp: 306190

Ion Ratio Lower Upper

62 100

98 10.4 8.4 12.6





#29

Cyclohexane

Concen: 46.149 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.006 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

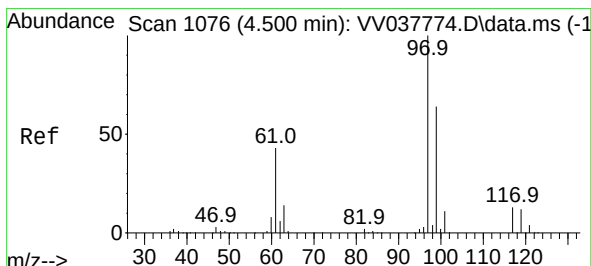
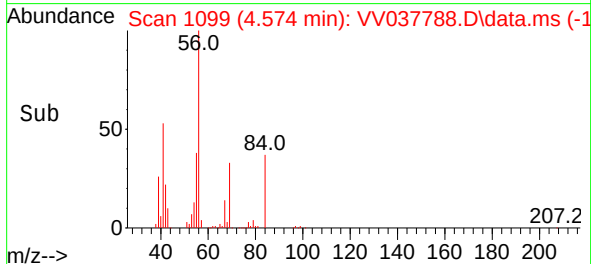
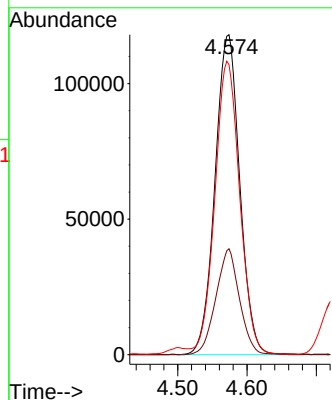
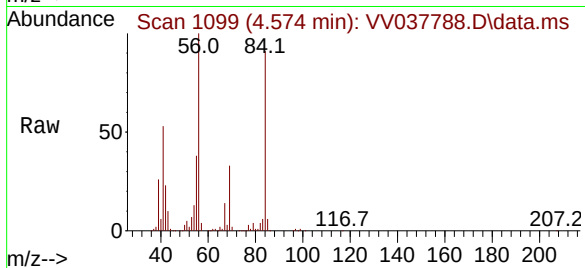
Tgt Ion: 56 Resp: 293486

Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 91.5 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 52.649 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

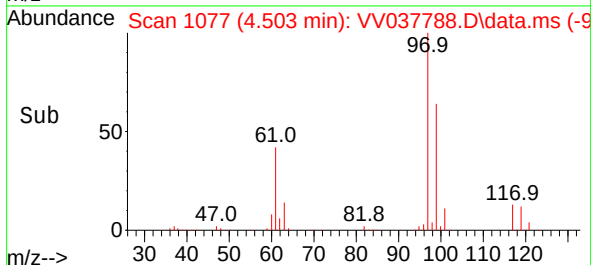
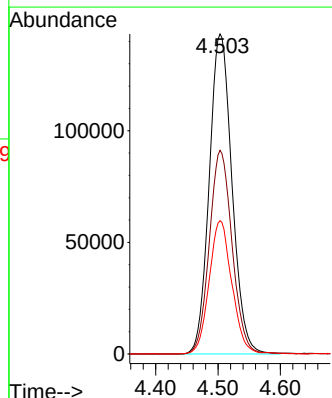
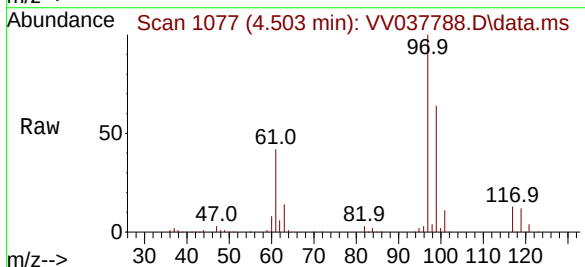
Tgt Ion: 97 Resp: 363206

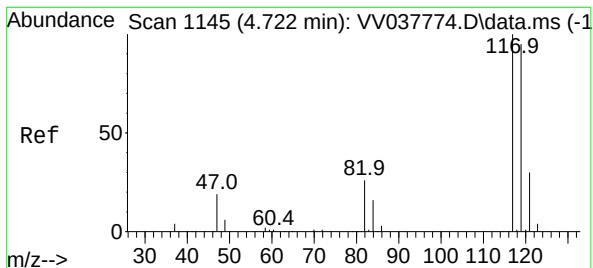
Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.6

61 41.5 33.6 50.4





#31

Carbon tetrachloride

Concen: 51.908 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

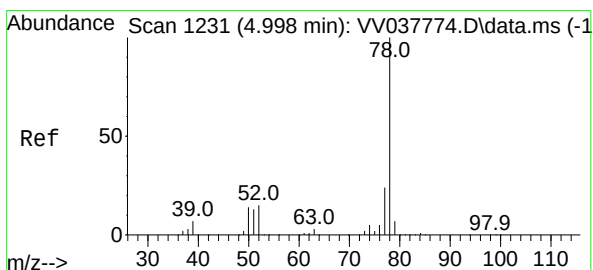
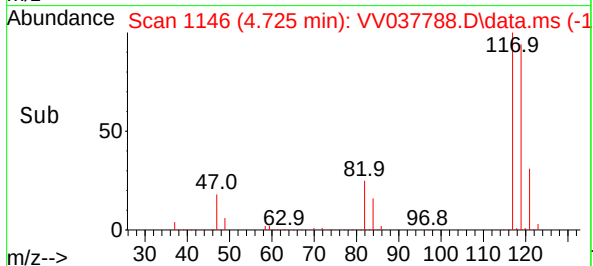
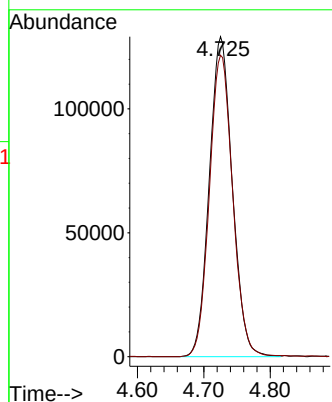
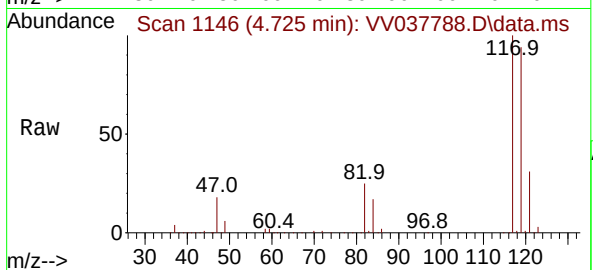
ClientSampleId :

Tgt Ion:117 Resp: 311328

Ion Ratio Lower Upper

117 100

119 95.4 76.9 115.3



#33

Benzene

Concen: 52.616 ug/L

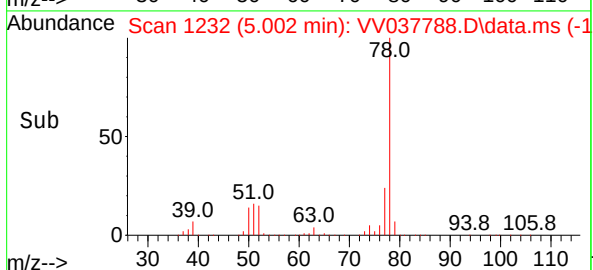
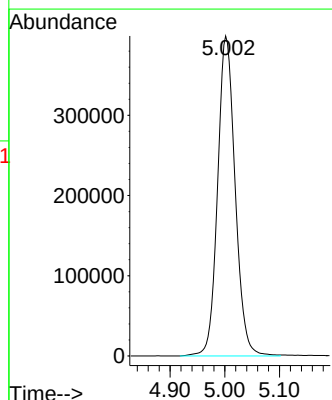
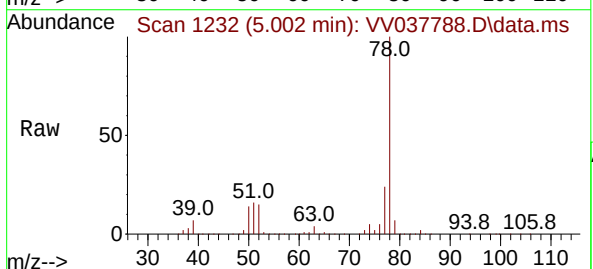
RT: 5.002 min Scan# 1232

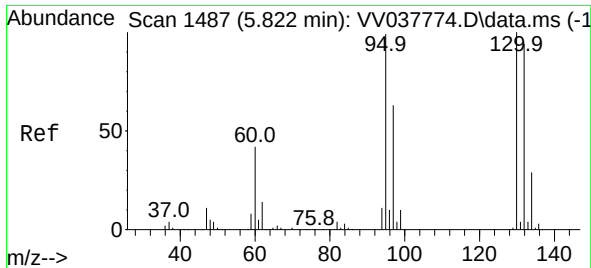
Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Tgt Ion: 78 Resp: 888820

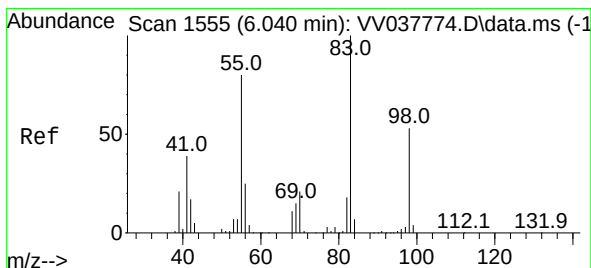
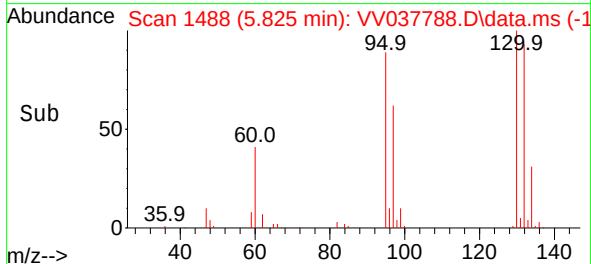
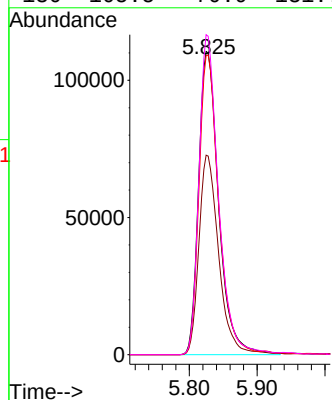
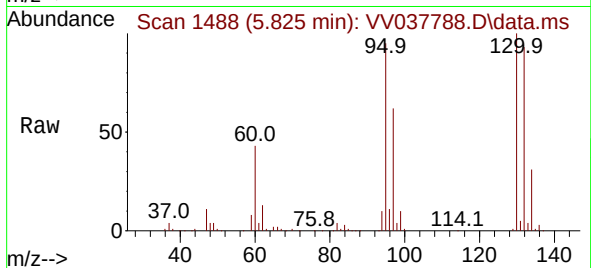




#34
Trichloroethene
Concen: 50.753 ug/L
RT: 5.825 min Scan# 1487
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

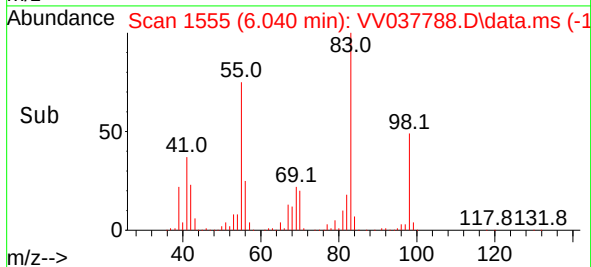
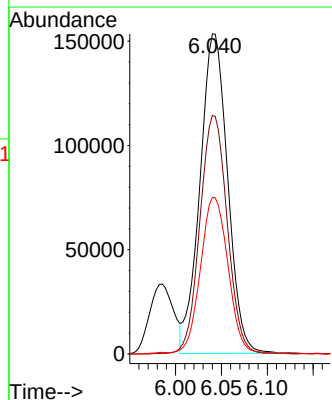
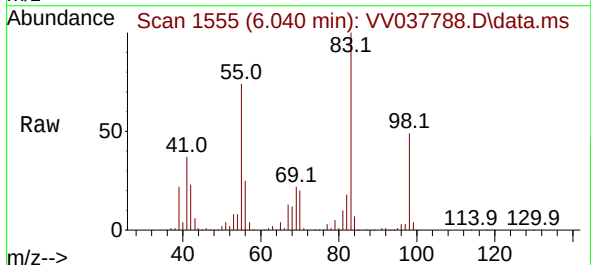
Instrument :
MSVOA_V
ClientSampleId :

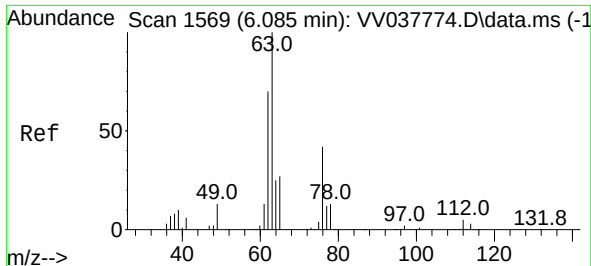
Tgt Ion: 95 Resp: 228321
Ion Ratio Lower Upper
95 100
97 65.8 46.3 85.9
132 98.6 68.6 127.4
130 105.5 70.9 131.7



#35
Methylcyclohexane
Concen: 46.532 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion: 83 Resp: 322030
Ion Ratio Lower Upper
83 100
55 73.6 57.9 86.9
98 48.7 39.3 58.9

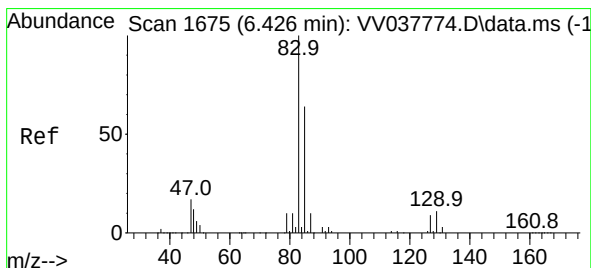
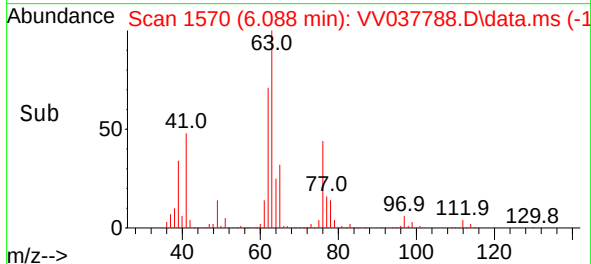
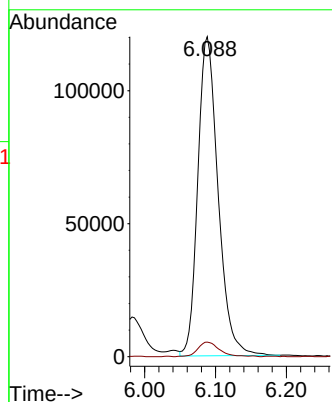
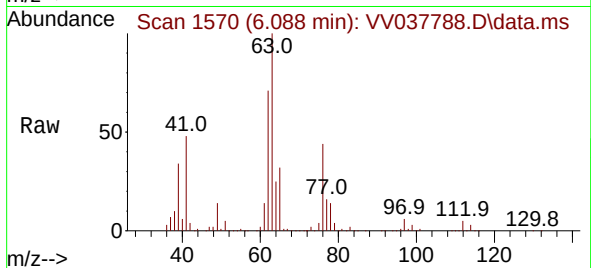




#37
1,2-Dichloropropane
Concen: 54.720 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

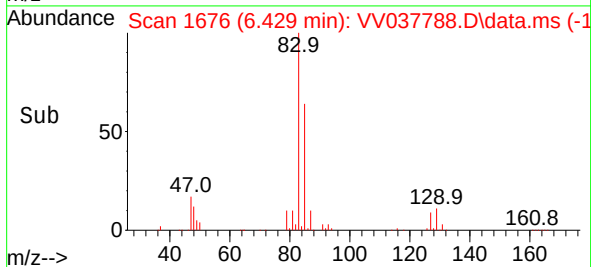
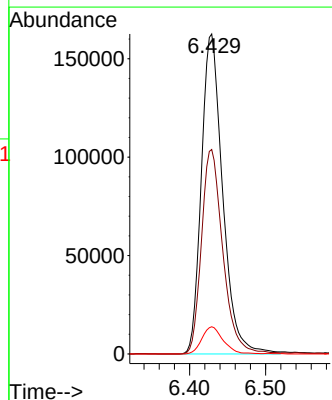
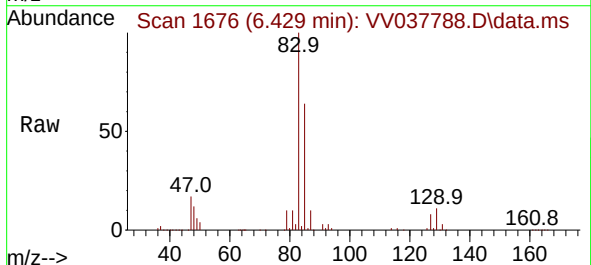
Instrument :
MSVOA_V
ClientSampleId :

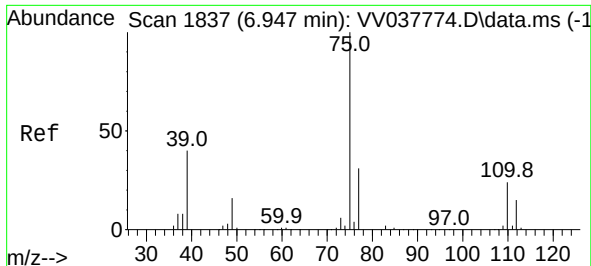
Tgt Ion: 63 Resp: 238693
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 54.293 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion: 83 Resp: 316596
Ion Ratio Lower Upper
83 100
85 63.9 45.7 84.9
127 8.5 7.0 10.4

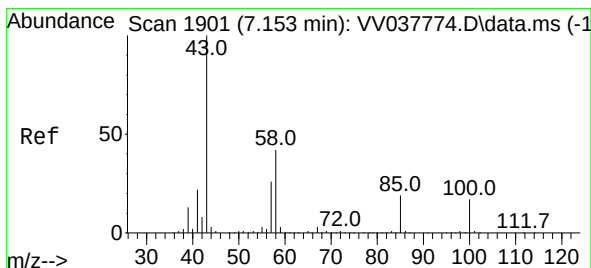
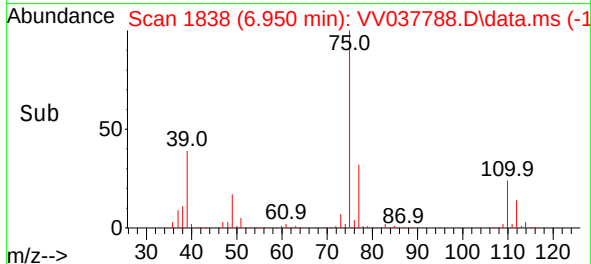
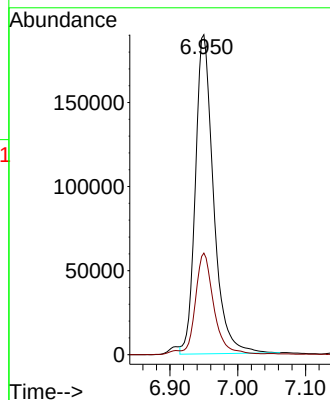
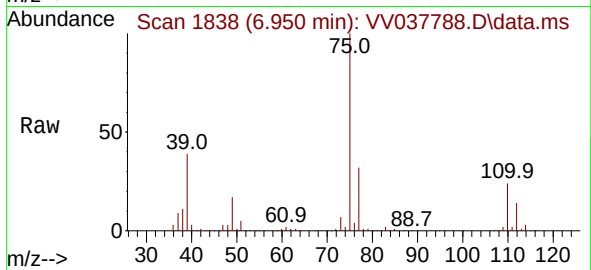




#39
cis-1,3-Dichloropropene
Concen: 50.752 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

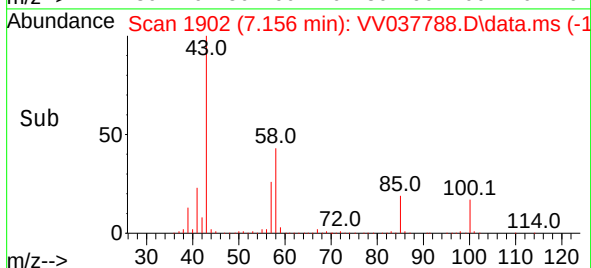
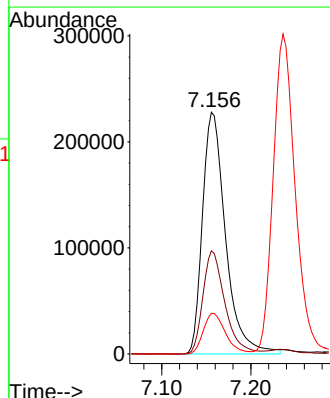
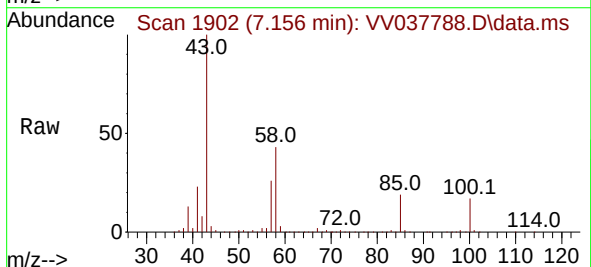
Instrument :
MSVOA_V
ClientSampleId :

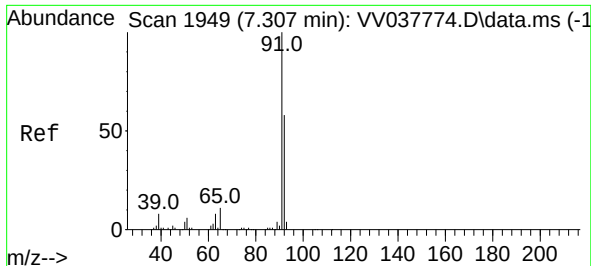
Tgt Ion: 75 Resp: 353396
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 115.562 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion: 43 Resp: 410439
Ion Ratio Lower Upper
43 100
58 40.5 33.0 49.4
100 16.3 13.7 20.5





#42

Toluene

Concen: 53.620 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

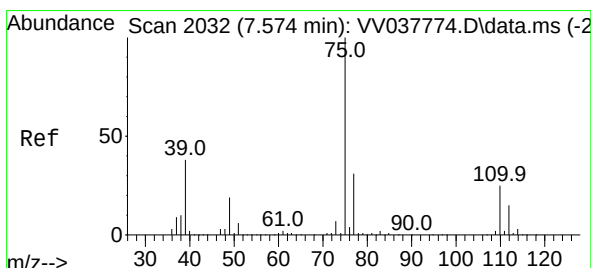
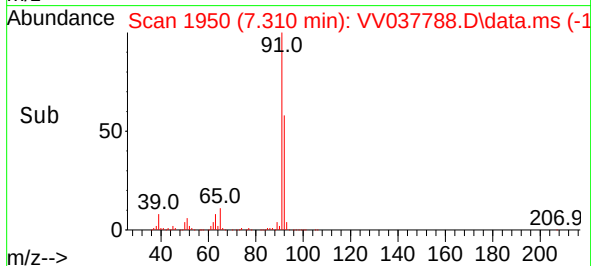
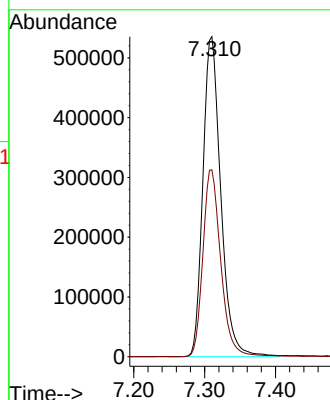
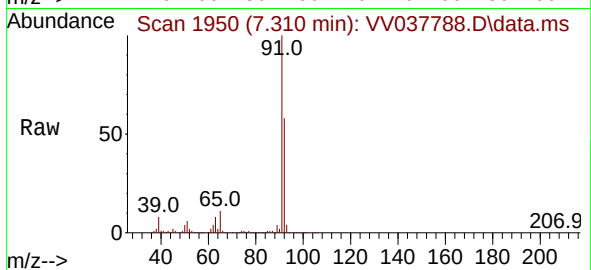
ClientSampleId :

Tgt Ion: 91 Resp: 939011

Ion Ratio Lower Upper

91 100

92 58.4 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 52.805 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037788.D

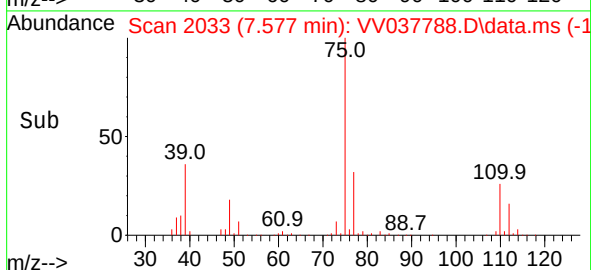
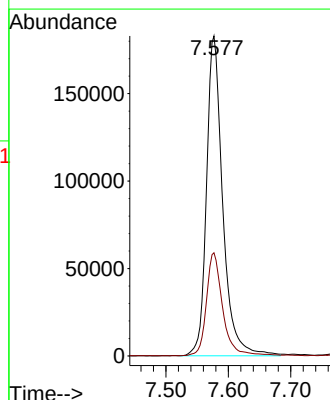
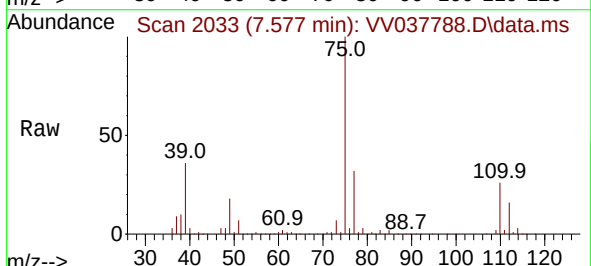
Acq: 09 Oct 2024 17:58

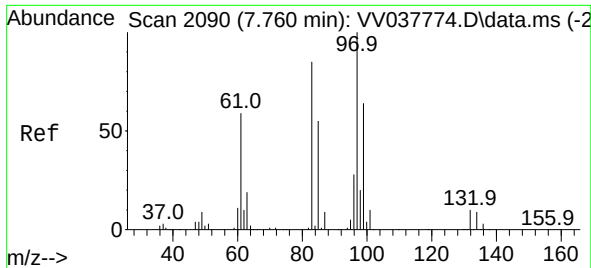
Tgt Ion: 75 Resp: 331030

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7



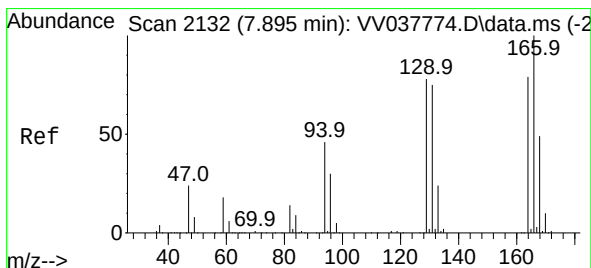
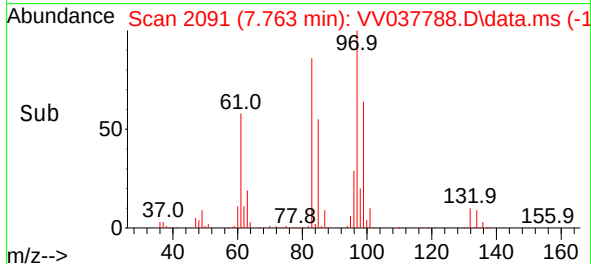
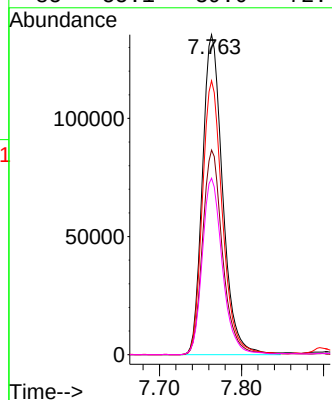
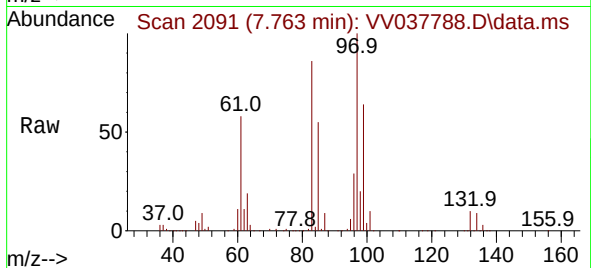


#45
1,1,2-Trichloroethane
Concen: 55.487 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 232410

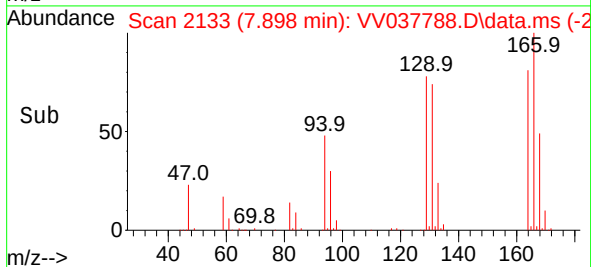
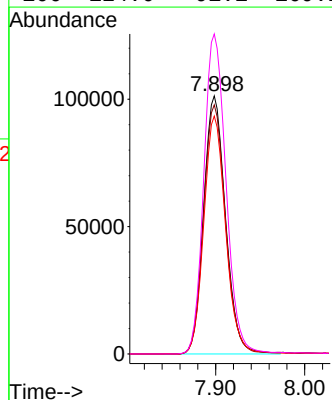
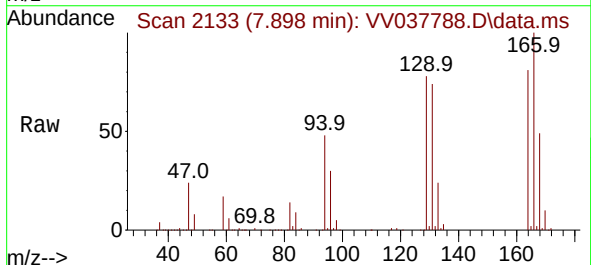
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.1	81.9
83	85.6	59.3	110.1
85	55.1	39.0	72.4

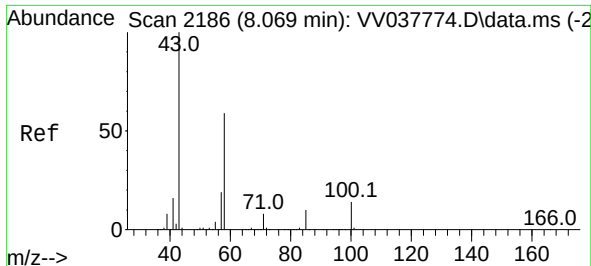


#46
Tetrachloroethene
Concen: 50.128 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion: 164 Resp: 172417

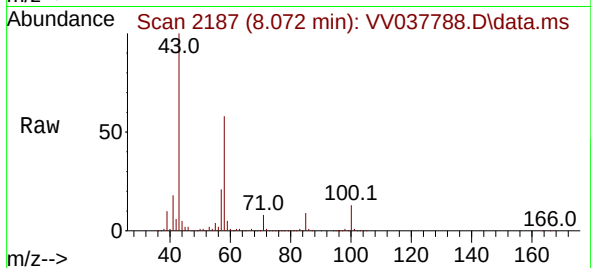
Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.2	126.6
131	92.2	66.1	122.8
166	124.0	91.1	169.1



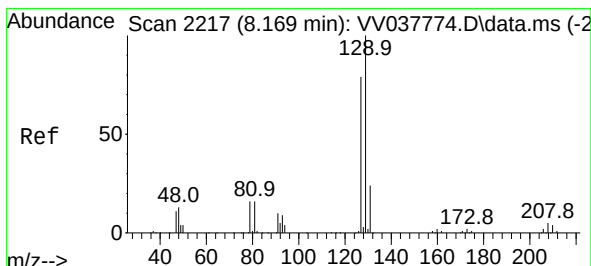
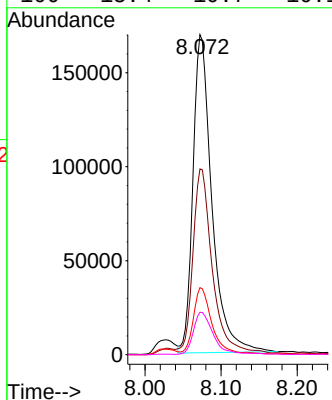
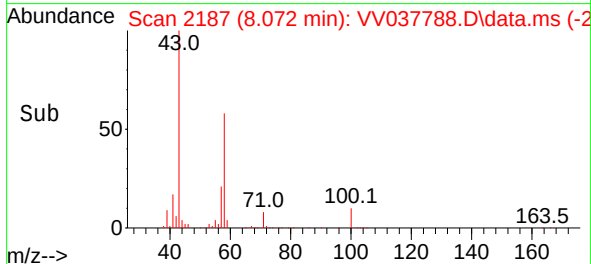


#48
2-Hexanone
Concen: 106.589 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

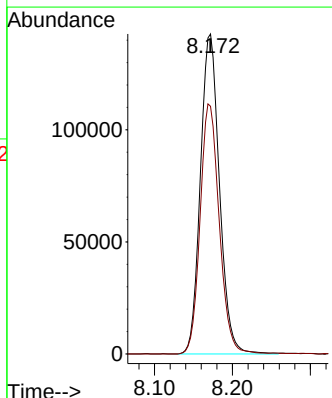
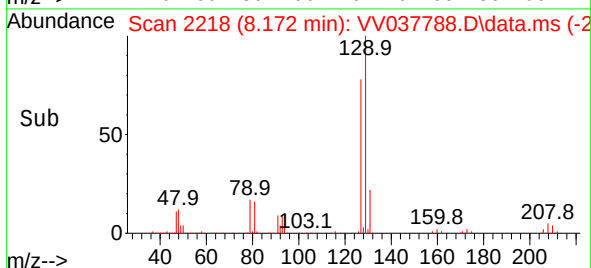
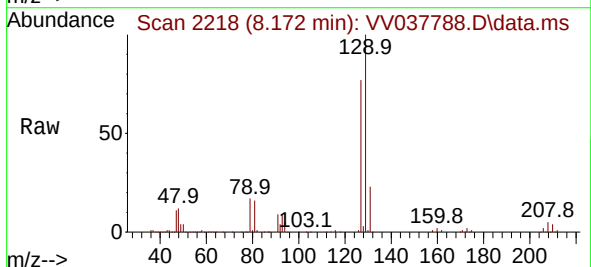


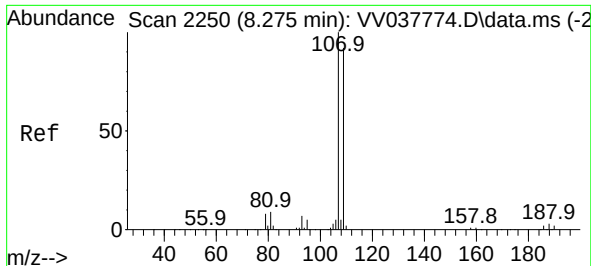
Tgt Ion: 43 Resp: 294369
Ion Ratio Lower Upper
43 100
58 59.1 46.5 69.7
57 20.1 15.1 22.7
100 13.4 10.7 16.1



#49
Dibromochloromethane
Concen: 54.749 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

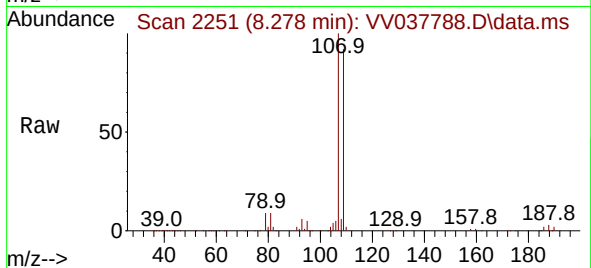
Tgt Ion:129 Resp: 242706
Ion Ratio Lower Upper
129 100
127 77.4 54.9 101.9



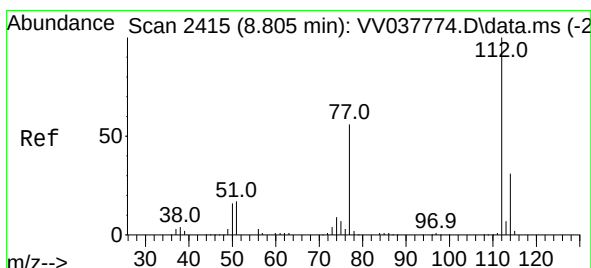
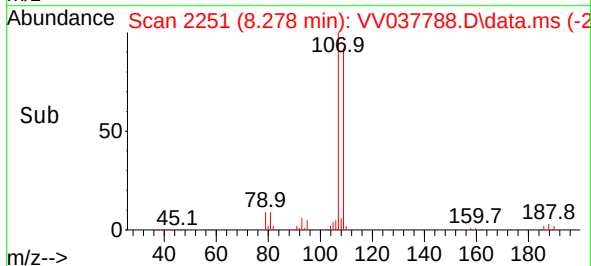
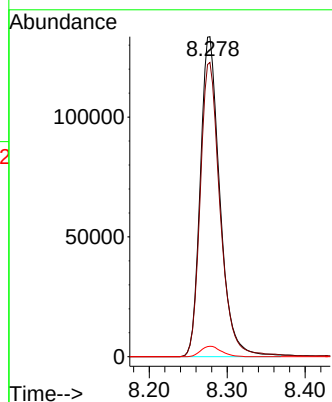


#50
1,2-Dibromoethane
Concen: 53.813 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

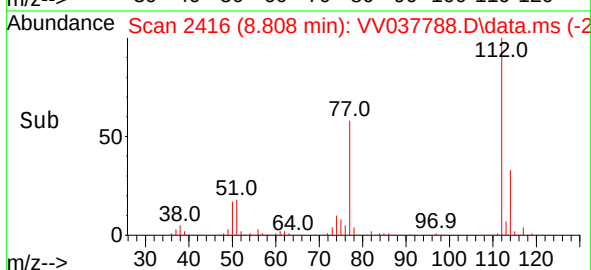
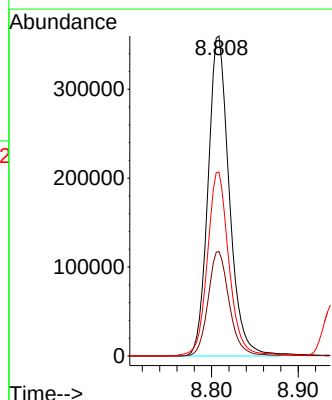
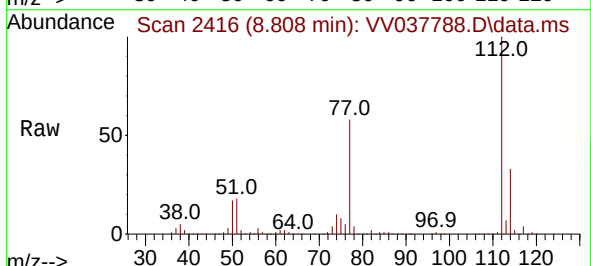


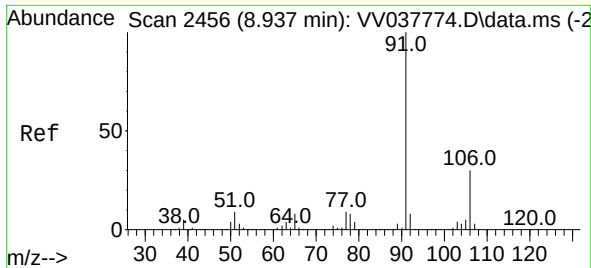
Tgt Ion:107 Resp: 232994
Ion Ratio Lower Upper
107 100
109 92.0 65.7 121.9
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 51.259 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion:112 Resp: 611572
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.7
77 57.5 45.8 68.8

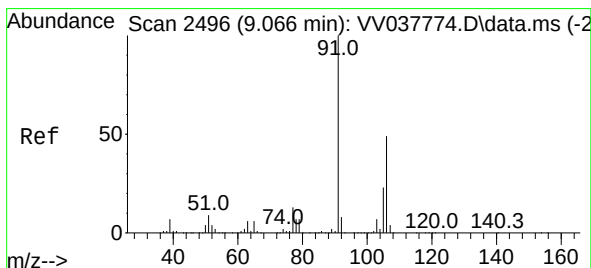
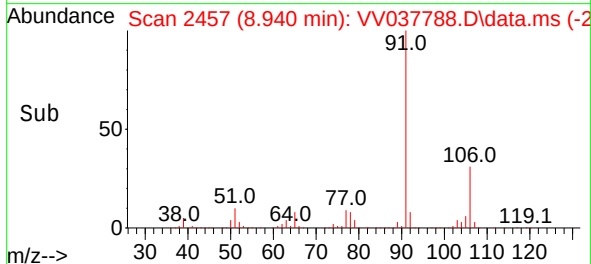
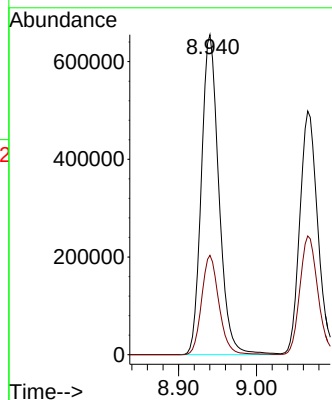
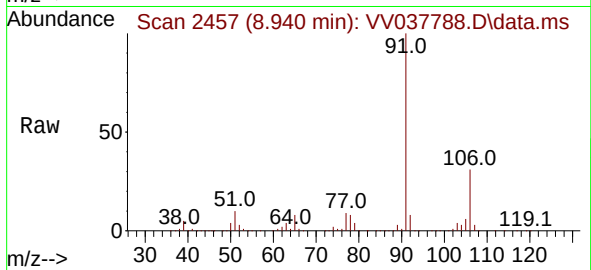




#52
Ethylbenzene
Concen: 51.852 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

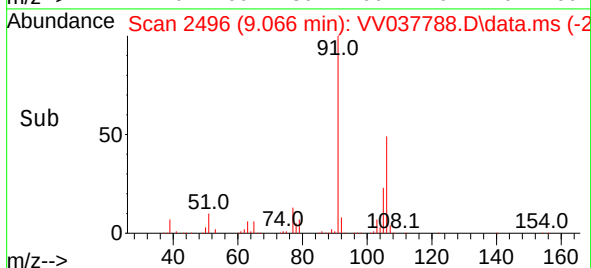
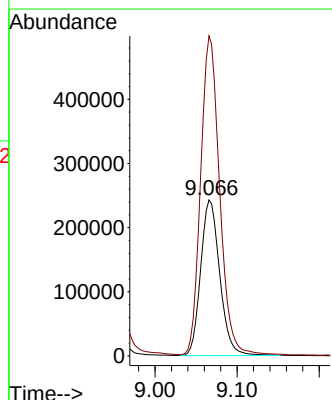
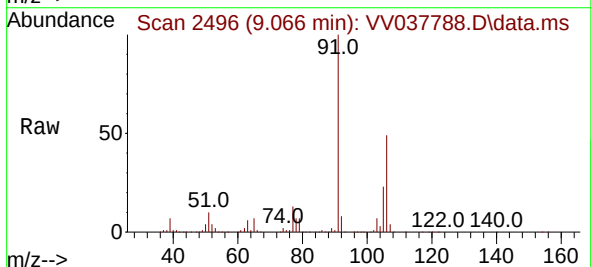
Instrument :
MSVOA_V
ClientSampleId :

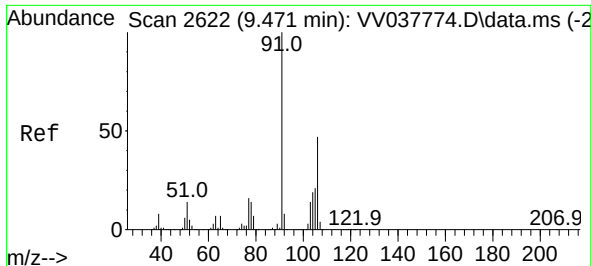
Tgt Ion: 91 Resp: 1022147
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-Xylene
Concen: 53.356 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion:106 Resp: 391442
Ion Ratio Lower Upper
106 100
91 205.1 142.0 263.6

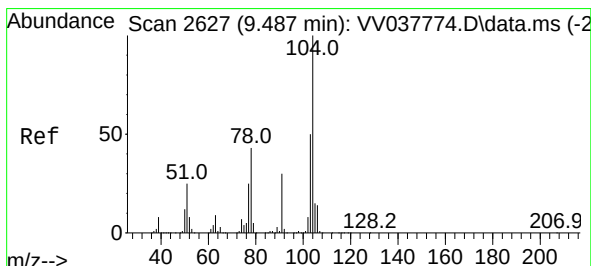
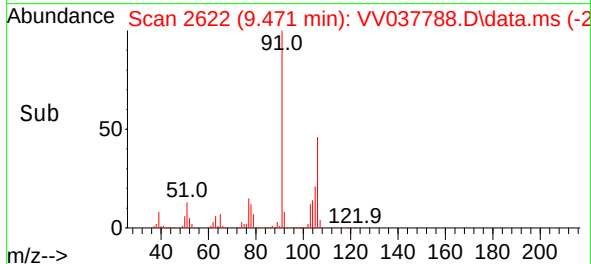
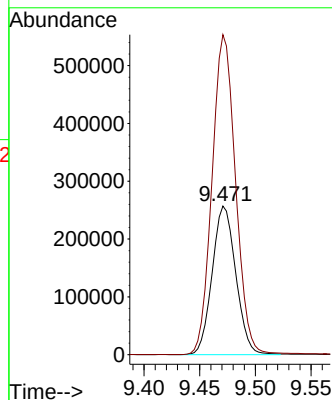
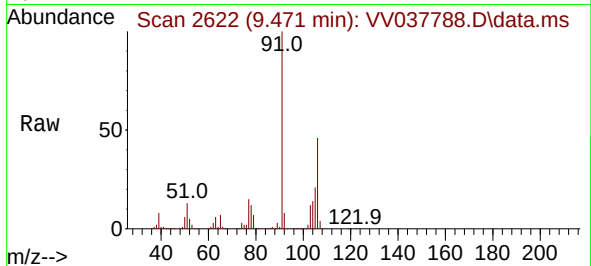




#54
o-Xylene
Concen: 52.980 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

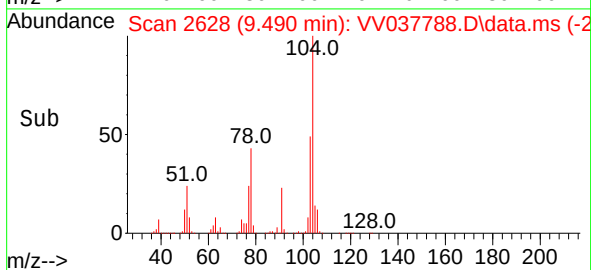
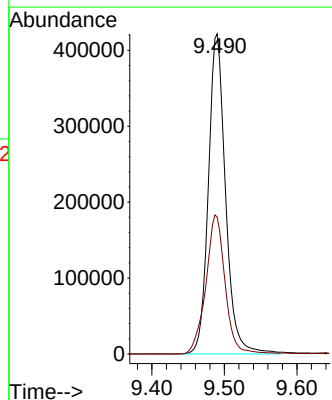
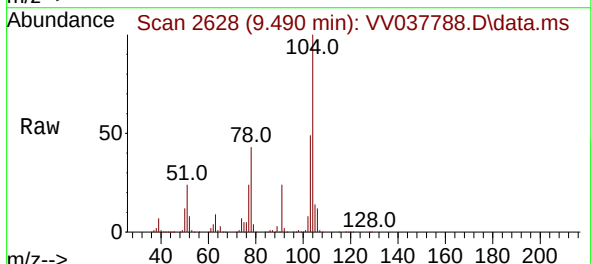
Instrument :
MSVOA_V
ClientSampleId :

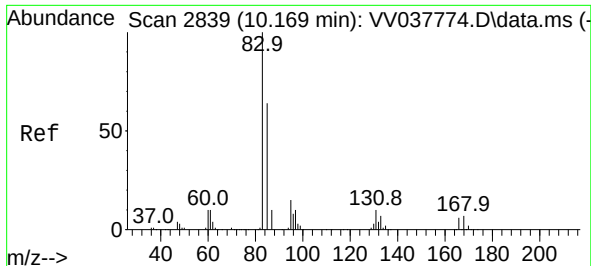
Tgt Ion:106 Resp: 379474
Ion Ratio Lower Upper
106 100
91 215.4 153.9 285.9



#55
Styrene
Concen: 55.778 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion:104 Resp: 695491
Ion Ratio Lower Upper
104 100
78 42.8 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 55.508 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

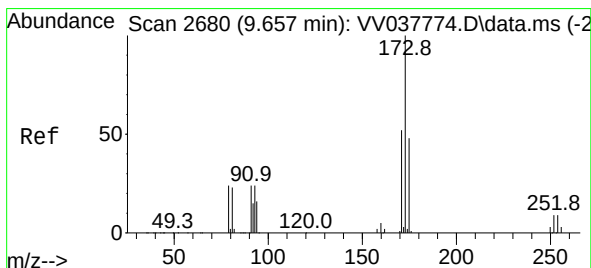
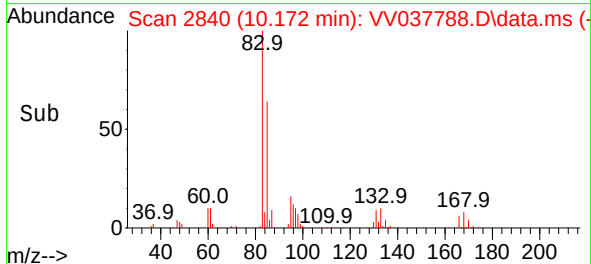
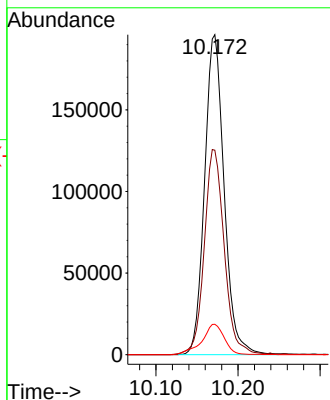
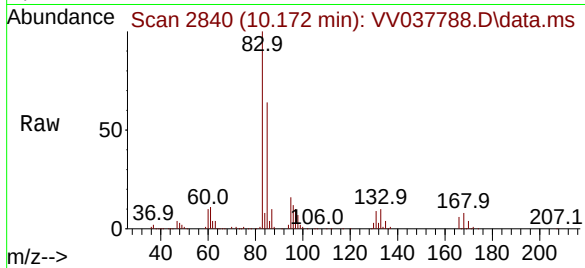
Tgt Ion: 83 Resp: 324147

Ion Ratio Lower Upper

83 100

85 63.9 45.9 85.3

131 9.5 7.9 11.9



#59

Bromoform

Concen: 53.179 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.000 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

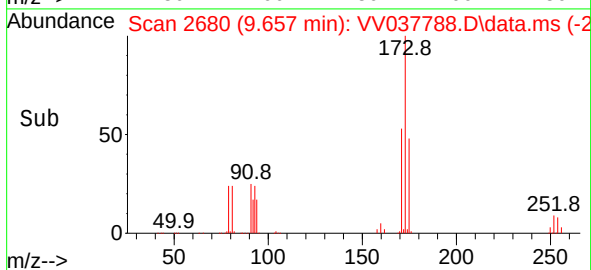
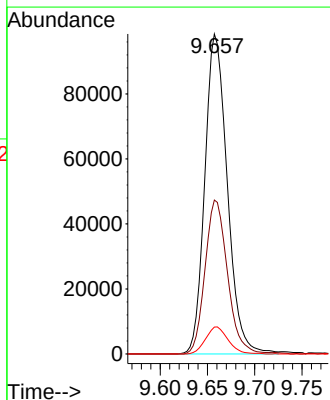
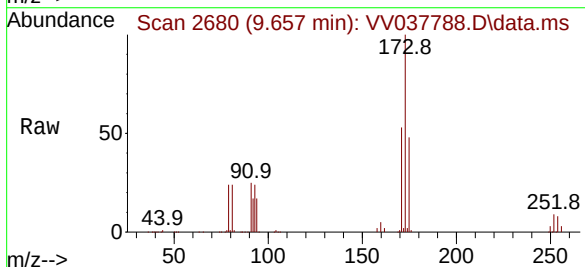
Tgt Ion: 173 Resp: 162870

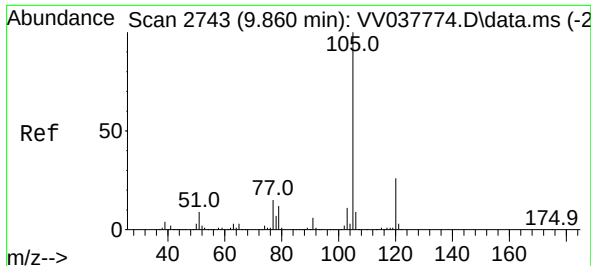
Ion Ratio Lower Upper

173 100

175 47.8 40.0 60.0

254 8.5 6.5 9.7

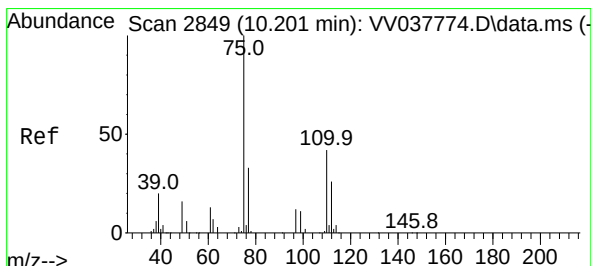
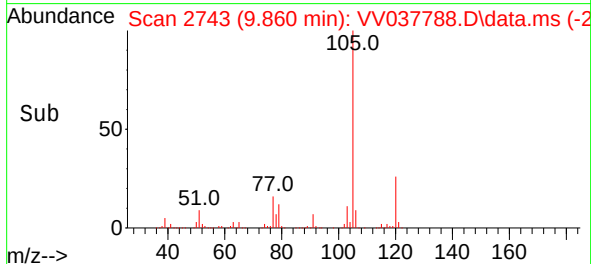
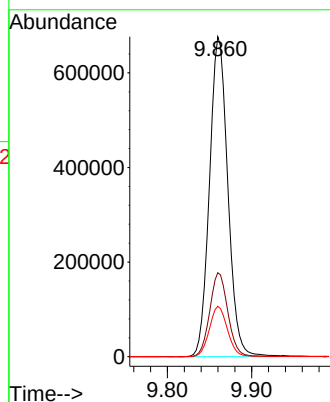
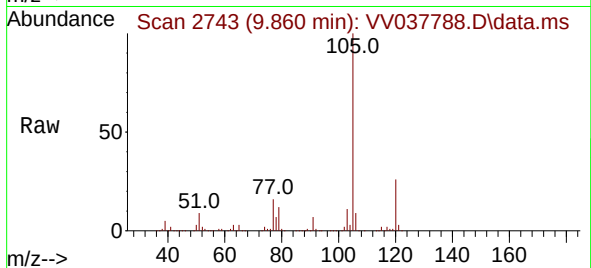




#60
Isopropylbenzene
Concen: 50.276 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

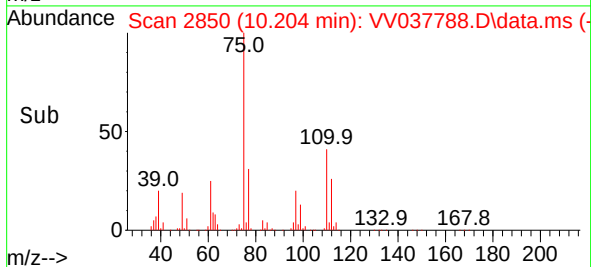
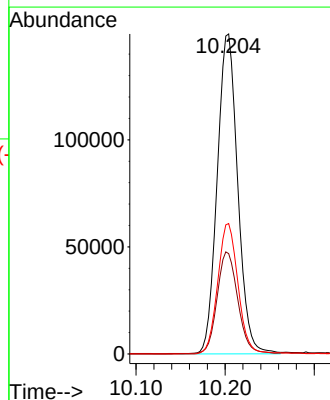
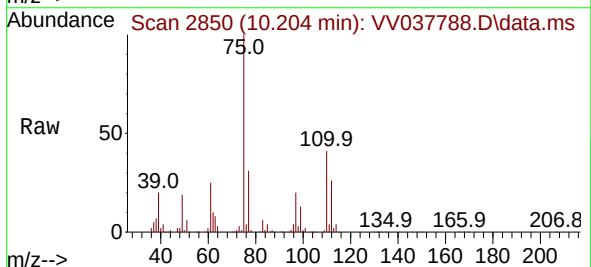
Instrument :
MSVOA_V
ClientSampleId :

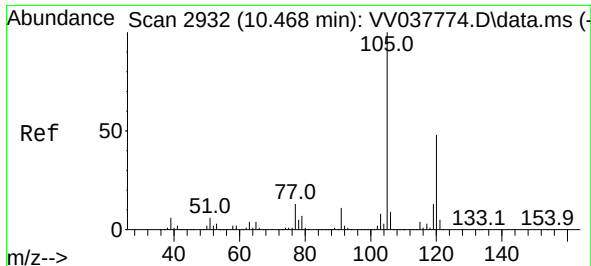
Tgt Ion:105 Resp: 1024250
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 53.696 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion: 75 Resp: 239430
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
110 40.3 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 50.404 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

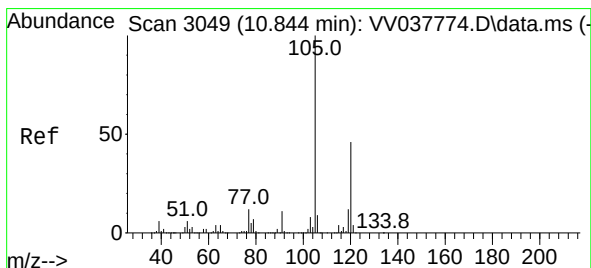
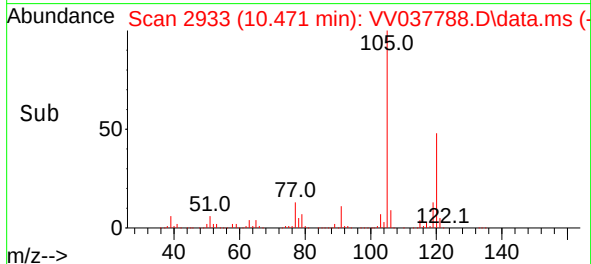
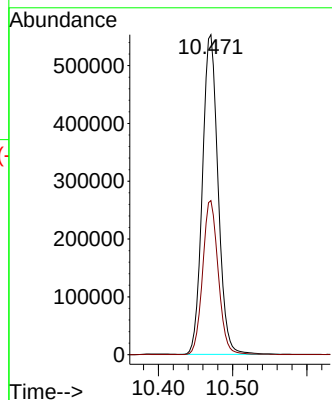
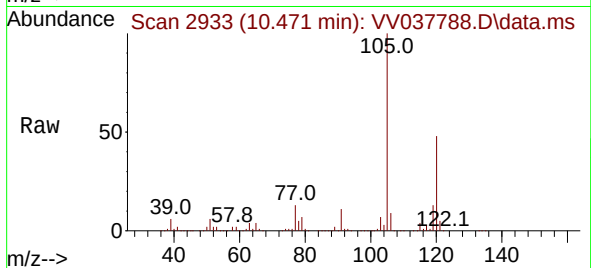
ClientSampleId :

Tgt Ion:105 Resp: 811843

Ion Ratio Lower Upper

105 100

120 48.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 50.302 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037788.D

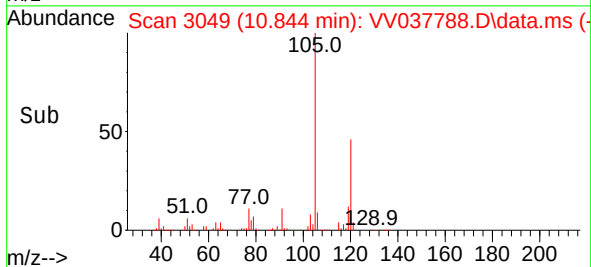
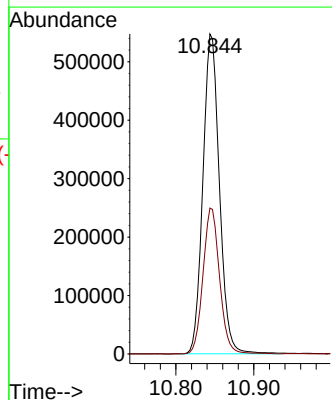
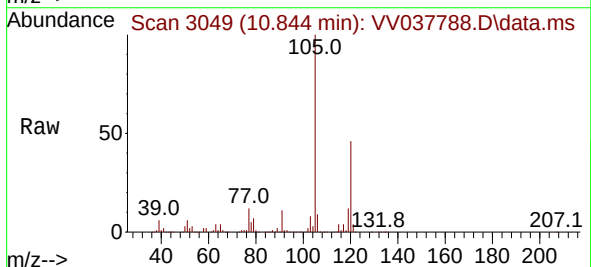
Acq: 09 Oct 2024 17:58

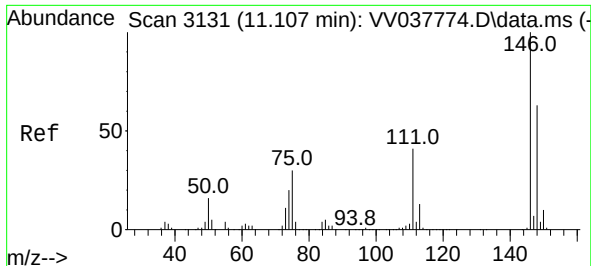
Tgt Ion:105 Resp: 806123

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2

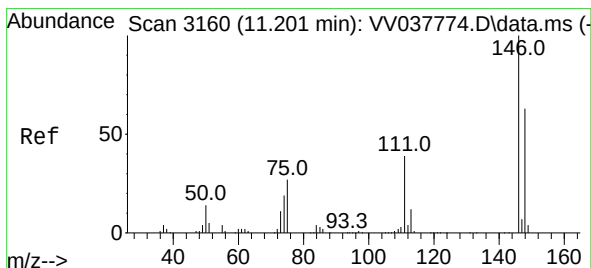
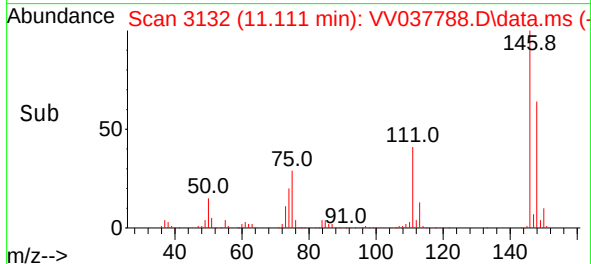
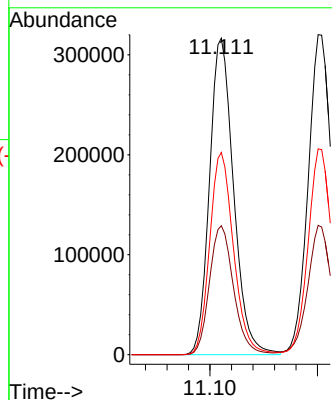
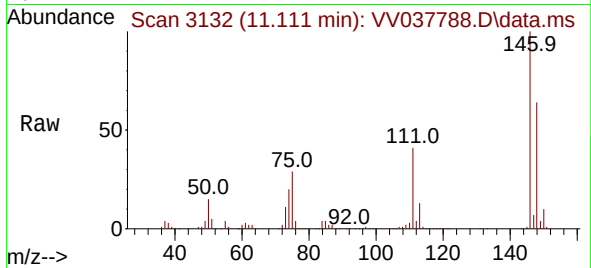




#64
1,3-Dichlorobenzene
Concen: 50.240 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

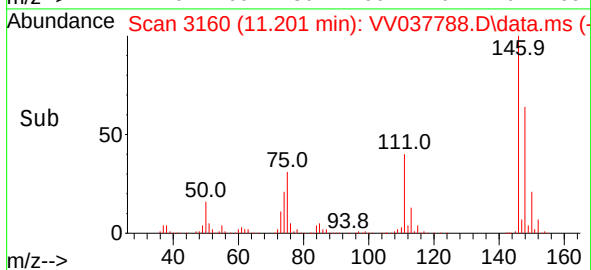
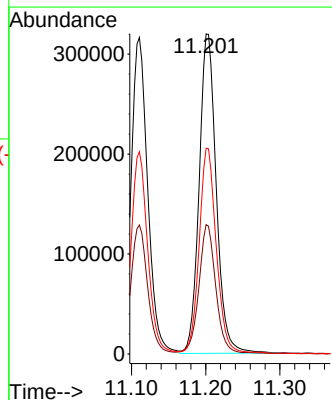
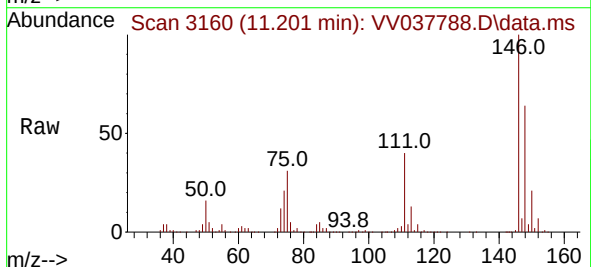
Instrument :
MSVOA_V
ClientSampleId :

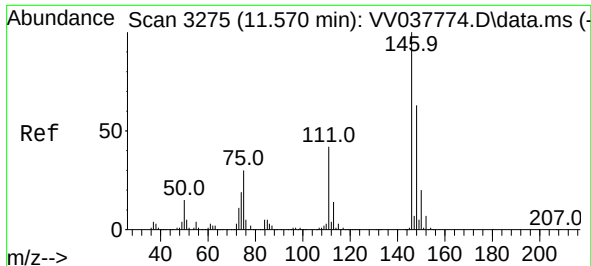
Tgt Ion:146 Resp: 492655
Ion Ratio Lower Upper
146 100
111 40.8 28.3 52.5
148 63.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 50.202 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

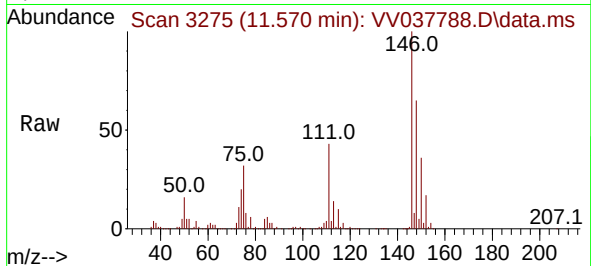
Tgt Ion:146 Resp: 512614
Ion Ratio Lower Upper
146 100
111 40.4 27.6 51.4
148 64.3 44.4 82.4



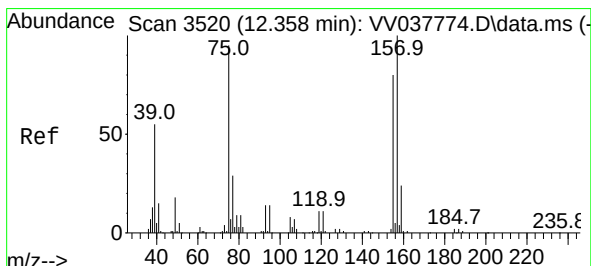
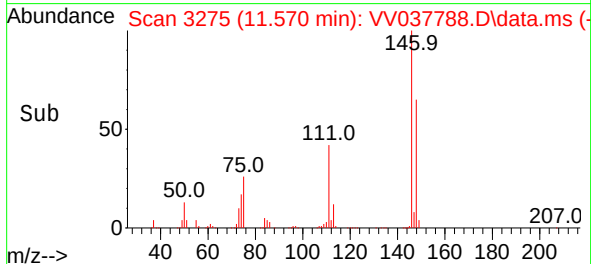
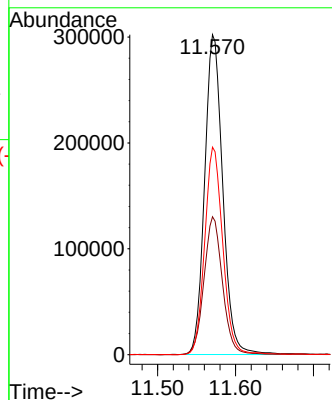


#67
1,2-Dichlorobenzene
Concen: 50.193 ug/L
RT: 11.570 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

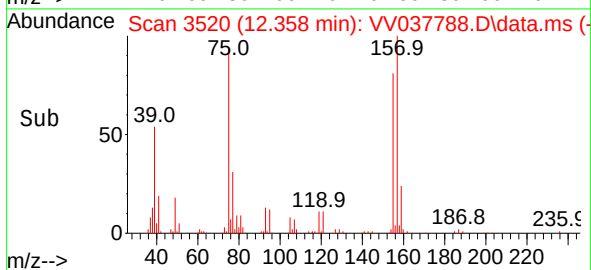
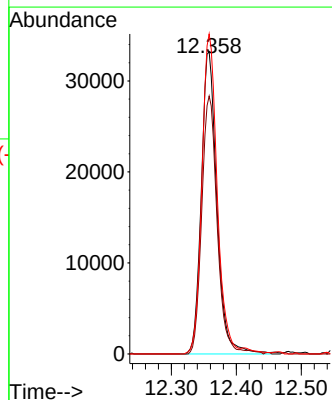
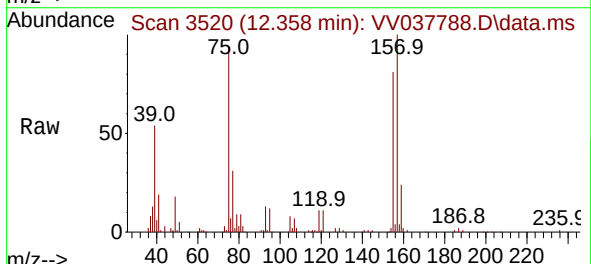


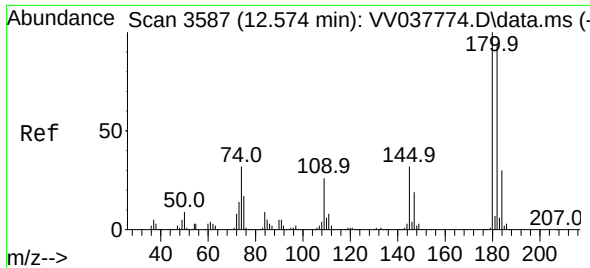
Tgt Ion:146 Resp: 486563
Ion Ratio Lower Upper
146 100
111 43.1 34.2 51.2
148 64.9 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 51.435 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV037788.D
Acq: 09 Oct 2024 17:58

Tgt Ion: 75 Resp: 55673
Ion Ratio Lower Upper
75 100
155 85.4 66.2 99.4
157 106.0 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 47.591 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

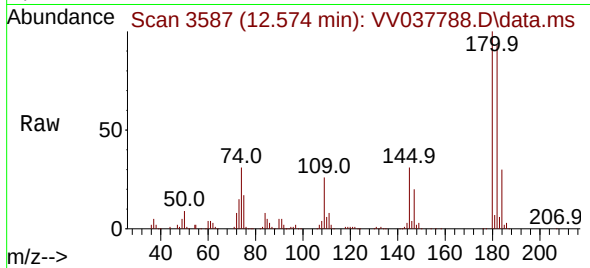
Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 320929

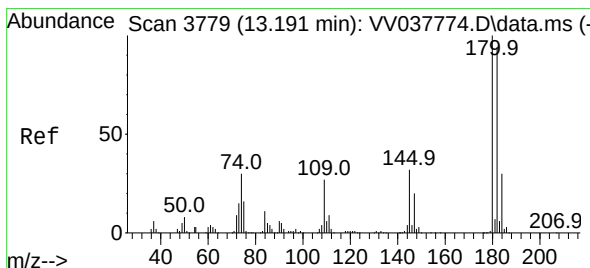
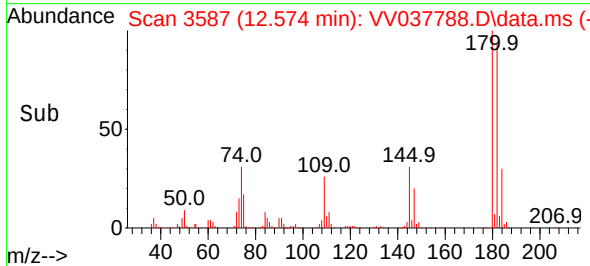
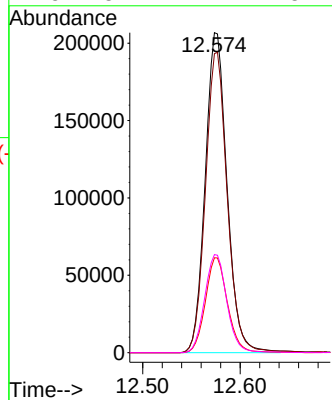
Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

184 30.1 23.8 35.6

145 31.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 46.126 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

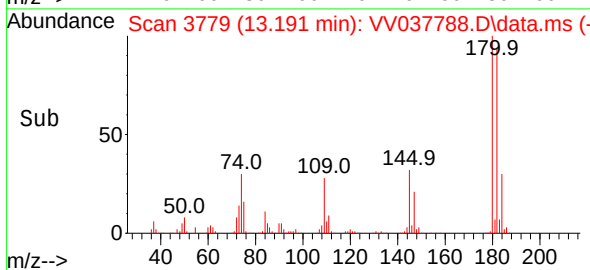
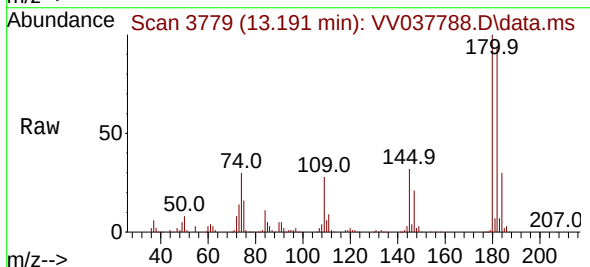
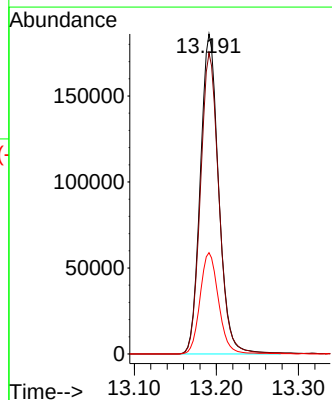
Tgt Ion:180 Resp: 288592

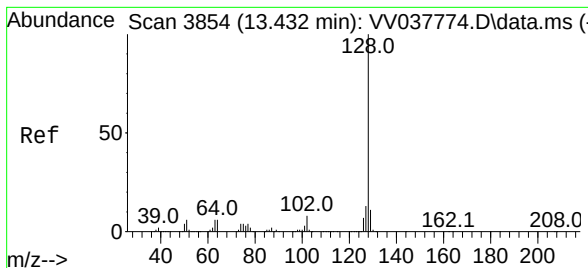
Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 31.7 25.4 38.2





#71

Naphthalene

Concen: 47.453 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

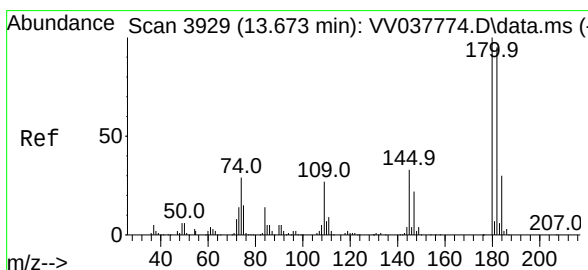
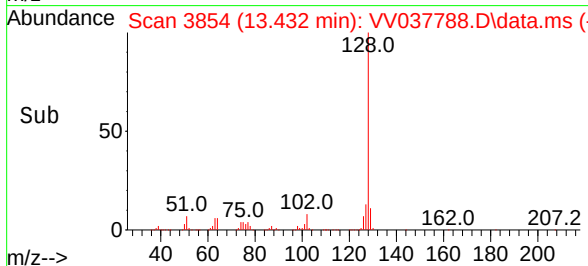
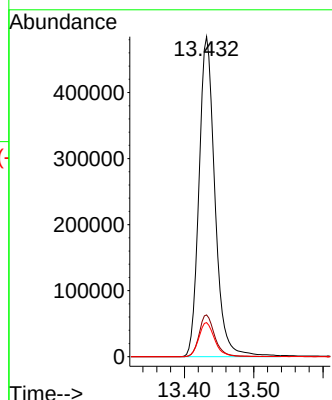
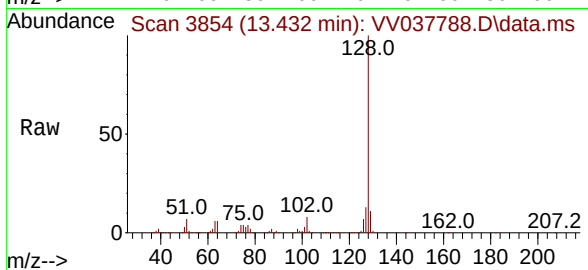
Tgt Ion:128 Resp: 775676

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 47.640 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037788.D

Acq: 09 Oct 2024 17:58

Tgt Ion:180 Resp: 294344

Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.8

145 33.3 26.2 39.4

