

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037092.D
 Acq On : 27 Aug 2024 17:27
 Operator : SY/MD
 Sample : P3692-08MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 04:23:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 04:16:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	753464	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	700989	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	357627	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	303664	44.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.120%
7) Chloroethane-d5	1.529	69	207544	38.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.920%
11) 1,1-Dichloroethene-d2	2.056	65	115563	39.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.780%
21) 2-Butanone-d5	3.796	46	270708	101.424	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	4.243	84	460296	42.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.340%
26) 1,2-Dichloroethane-d4	4.937	65	291647	42.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.860%
32) Benzene-d6	4.953	84	871367	41.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.320%
36) 1,2-Dichloropropane-d6	5.986	67	270867	40.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.700%
41) Toluene-d8	7.239	98	801411	41.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.880%
43) trans-1,3-Dichloroprop...	7.551	79	132546	43.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
47) 2-Hexanone-d5	8.024	63	211716	116.979	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	368403	45.805	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.620%
66) 1,2-Dichlorobenzene-d4	11.554	152	293559	40.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	266852	41.911	ug/L	100
3) Chloromethane	1.217	50	255186	35.638	ug/L	99
5) Vinyl chloride	1.282	62	4989469	742.247	ug/L	99
6) Bromomethane	1.484	94	148756	39.493	ug/L	99
8) Chloroethane	1.545	64	181209	44.072	ug/L	100
9) Trichlorofluoromethane	1.709	101	395757	45.114	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	232305	44.523	ug/L	99
12) 1,1-Dichloroethene	2.066	96	222490	45.261	ug/L	93
13) Acetone	2.111	43	195306	68.228	ug/L	100
14) Carbon disulfide	2.236	76	647578	43.395	ug/L	99
15) Methyl Acetate	2.372	43	226050	47.103	ug/L	99
16) Methylene chloride	2.442	84	248353	44.779	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	234139	45.882	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	793657	49.441	ug/L	99
19) 1,1-Dichloroethane	3.101	63	468907	46.269	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	1370748	243.088	ug/L	99
22) 2-Butanone	3.879	43	277747	88.126	ug/L	98
23) Bromochloromethane	4.140	128	120108	43.391	ug/L	99
25) Chloroform	4.269	83	430671	41.962	ug/L	99

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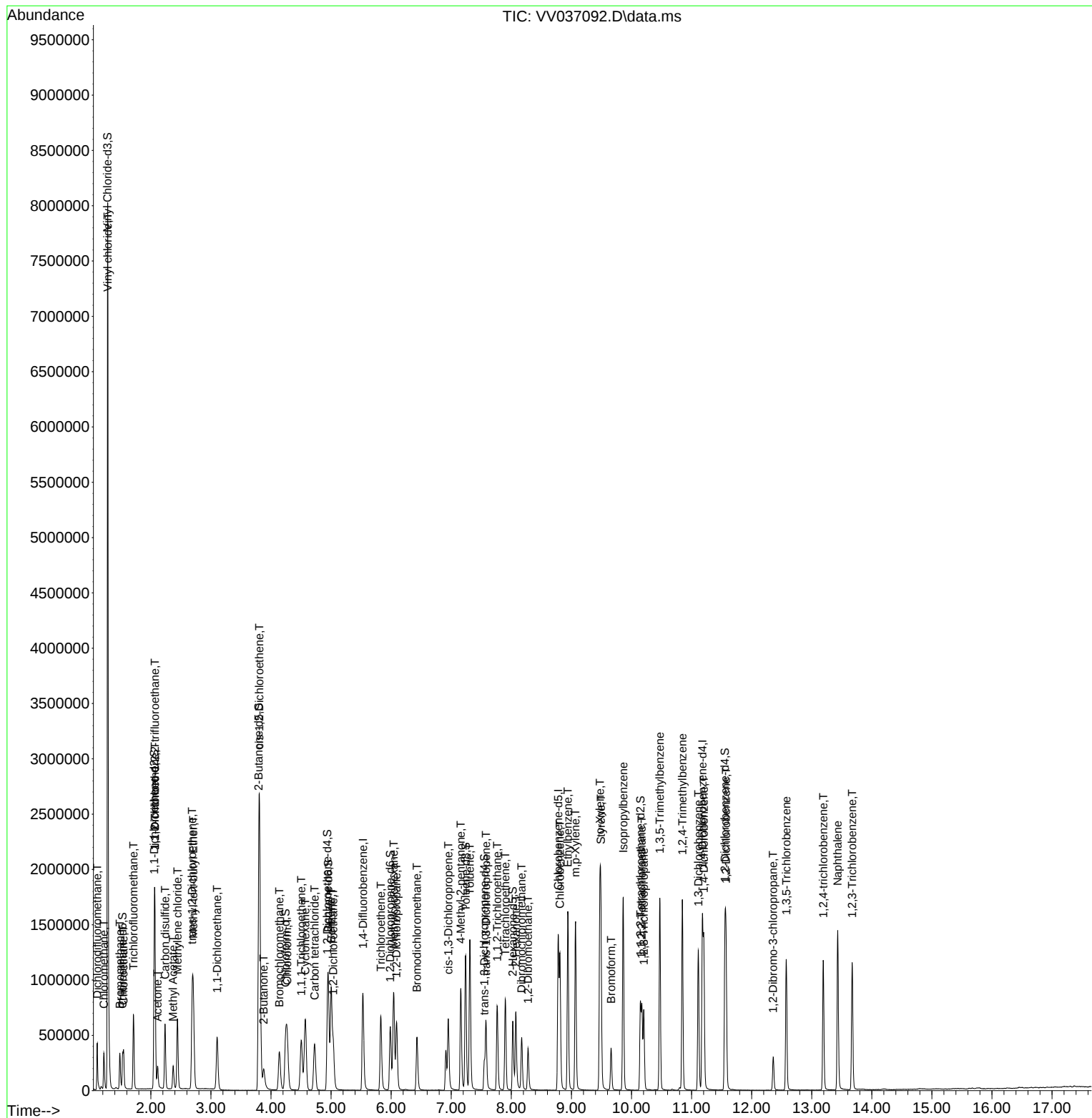
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	353610	46.968	ug/L	100
29) Cyclohexane	4.571	56	366959	44.523	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	376267	46.650	ug/L	99
31) Carbon tetrachloride	4.725	117	314962	46.277	ug/L	99
33) Benzene	5.002	78	919364	45.446	ug/L	100
34) Trichloroethene	5.828	95	236989	44.384	ug/L	97
35) Methylcyclohexane	6.043	83	387933	44.716	ug/L	98
37) 1,2-Dichloropropane	6.088	63	234854	43.303	ug/L	100
38) Bromodichloromethane	6.429	83	320453	46.100	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	389006	45.452	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	612683	111.119	ug/L	99
42) Toluene	7.310	91	976776	46.374	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	360232	47.089	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	233363	46.223	ug/L	98
46) Tetrachloroethene	7.902	164	171042	44.645	ug/L	98
48) 2-Hexanone	8.075	43	440706	103.349	ug/L	99
49) Dibromochloromethane	8.172	129	232437	45.979	ug/L	99
50) 1,2-Dibromoethane	8.278	107	242975	47.560	ug/L	99
51) Chlorobenzene	8.809	112	630919	45.245	ug/L	99
52) Ethylbenzene	8.940	91	1115470	46.885	ug/L	98
53) m,p-Xylene	9.069	106	411296	46.658	ug/L	97
54) o-Xylene	9.474	106	404672	46.886	ug/L	98
55) Styrene	9.490	104	697667	46.585	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	365800	48.921	ug/L	100
59) Bromoform	9.661	173	153850	46.199	ug/L	99
60) Isopropylbenzene	9.863	105	1103912	47.614	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	277449	49.871	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	907551	47.845	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	917470	48.467	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	484679	45.273	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	481798	43.971	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	474024	45.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	74214	53.491	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	332989	44.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	318862	45.458	ug/L	99
71) Naphthalene	13.432	128	1102400	54.426	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	317569	45.941	ug/L	99

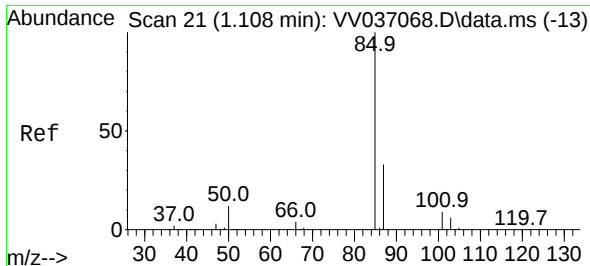
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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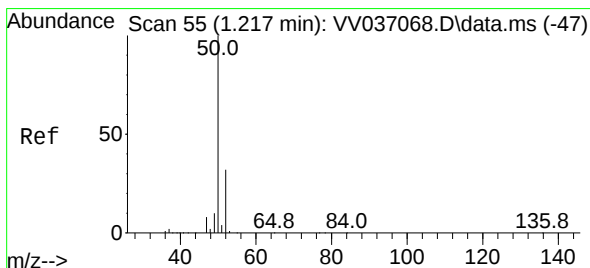
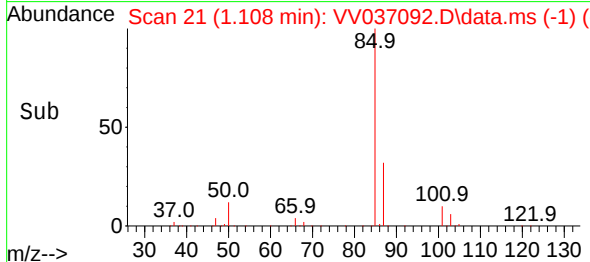
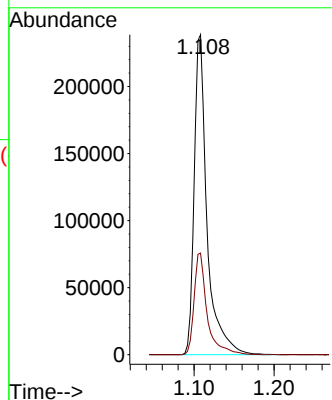
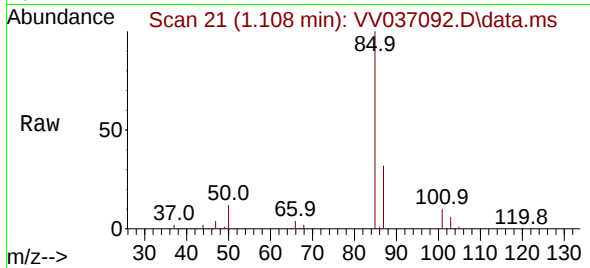




#2
 Dichlorodifluoromethane
 Concen: 41.911 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037092.D
 Acq: 27 Aug 2024 17:27

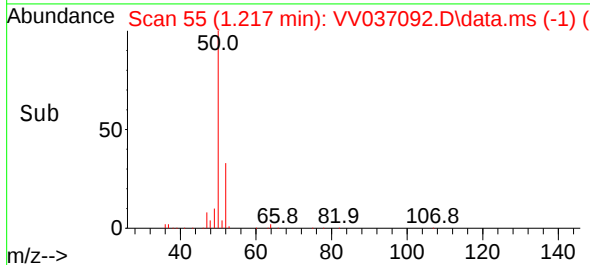
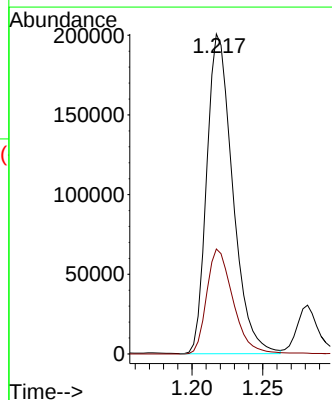
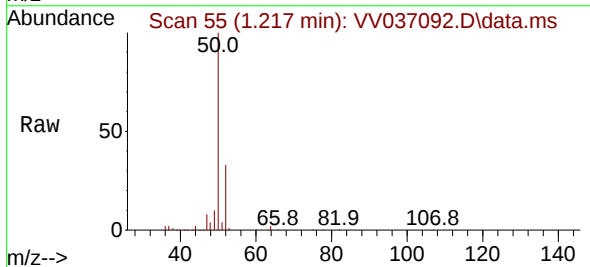
Instrument :
 MSVOA_V
 ClientSampleId :

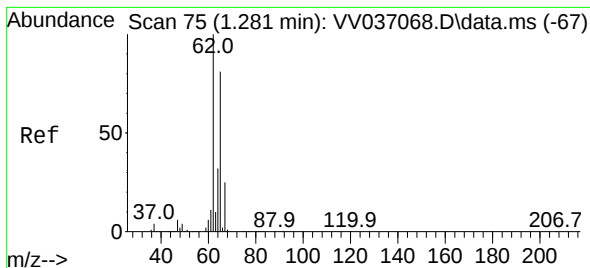
Tgt Ion: 85 Resp: 266852
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 35.638 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037092.D
 Acq: 27 Aug 2024 17:27

Tgt Ion: 50 Resp: 255186
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.9





#5

Vinyl chloride

Concen: 742.247 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

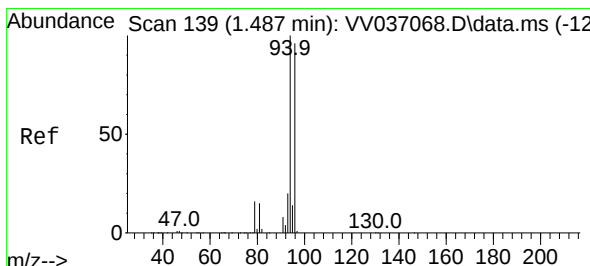
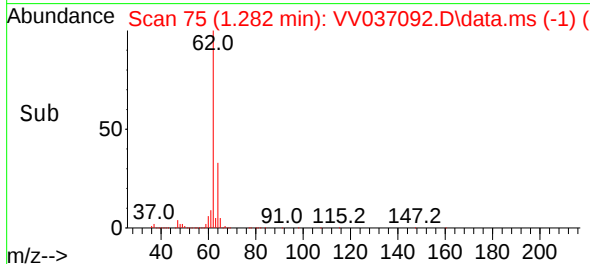
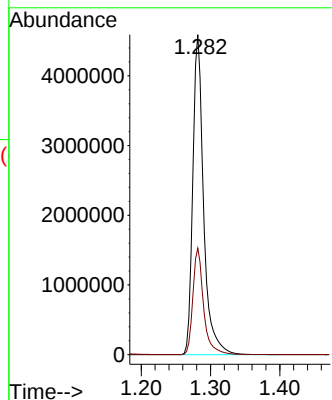
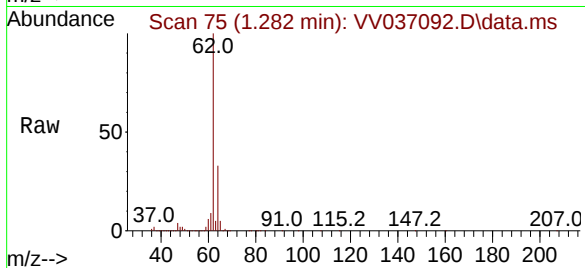
ClientSampleId :

Tgt Ion: 62 Resp: 4989469

Ion Ratio Lower Upper

62 100

64 33.3 22.8 42.4



#6

Bromomethane

Concen: 39.493 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV037092.D

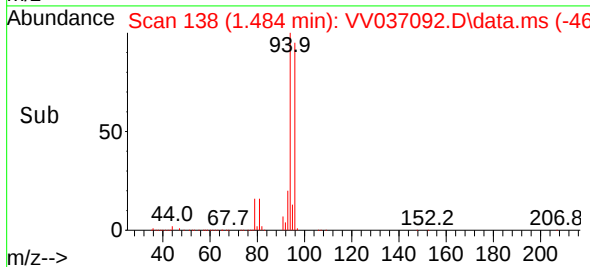
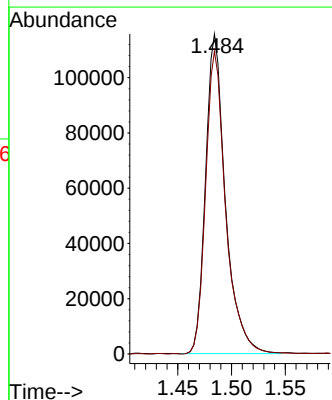
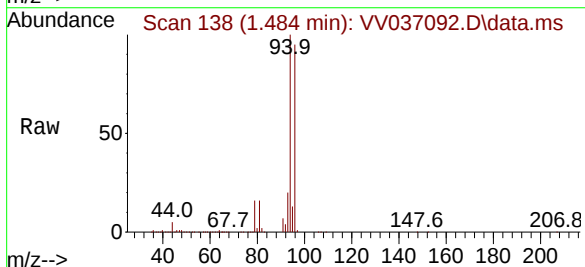
Acq: 27 Aug 2024 17:27

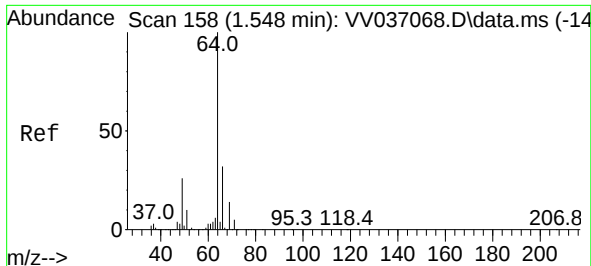
Tgt Ion: 94 Resp: 148756

Ion Ratio Lower Upper

94 100

96 94.6 65.6 121.8

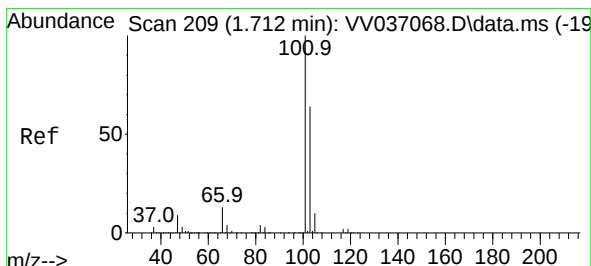
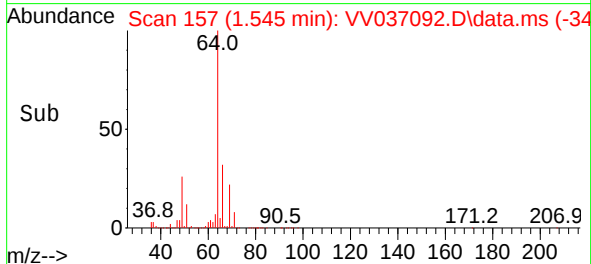
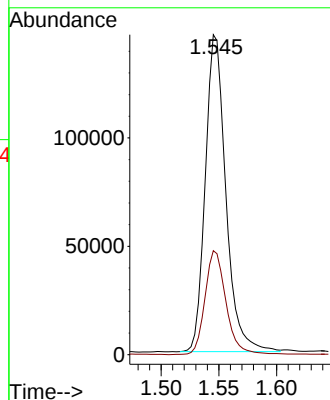
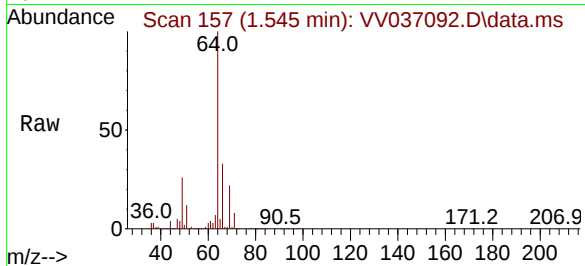




#8
Chloroethane
Concen: 44.072 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

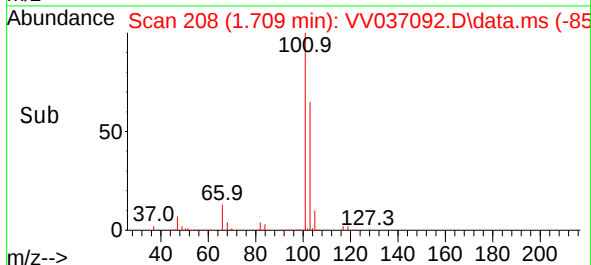
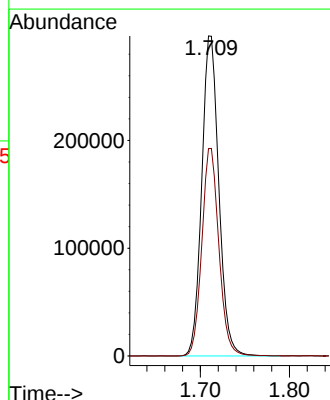
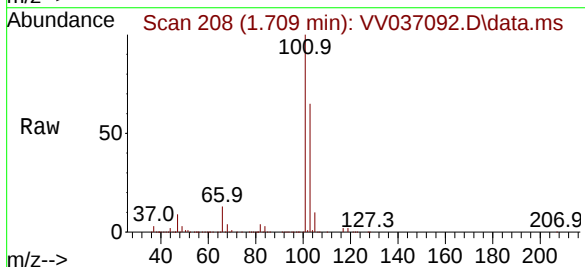
Instrument :
MSVOA_V
ClientSampleId :

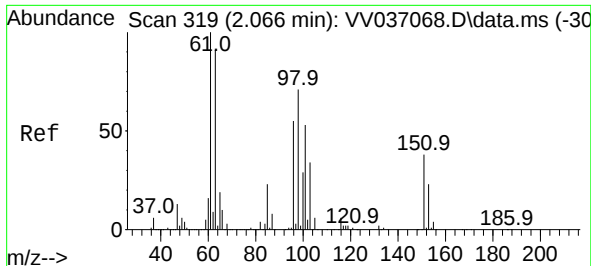
Tgt Ion: 64 Resp: 181209
Ion Ratio Lower Upper
64 100
66 32.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 45.114 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion:101 Resp: 395757
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5





#10

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

Concen: 44.523 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

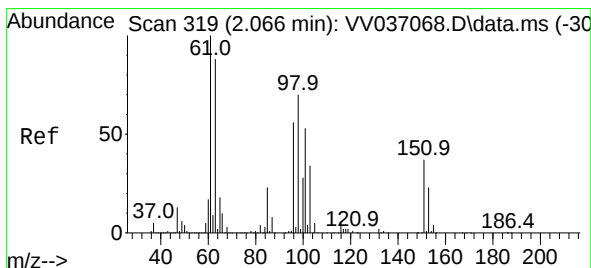
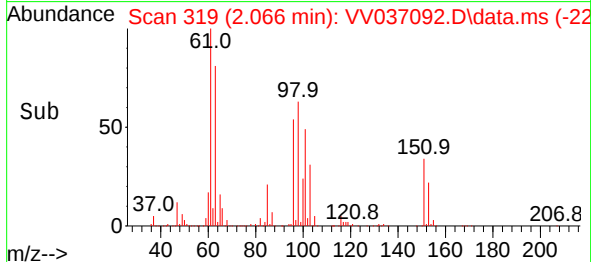
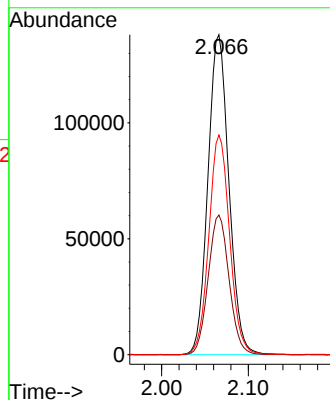
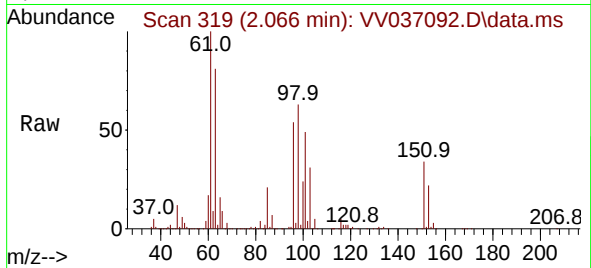
Tgt Ion:101 Resp: 232305

Ion Ratio Lower Upper

101 100

85 43.5 35.6 53.4

151 68.1 55.0 82.4



#12

1,1-Dichloroethene

Concen: 45.261 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

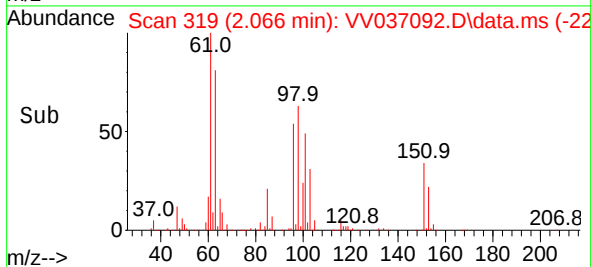
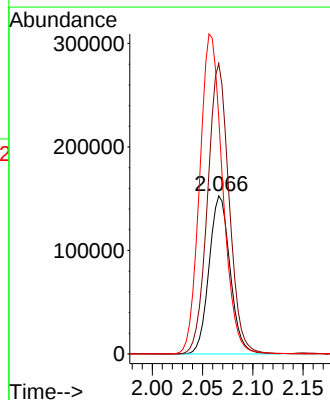
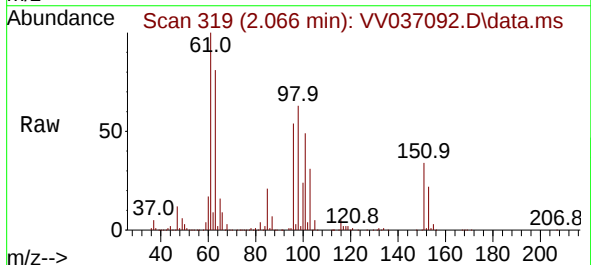
Tgt Ion: 96 Resp: 222490

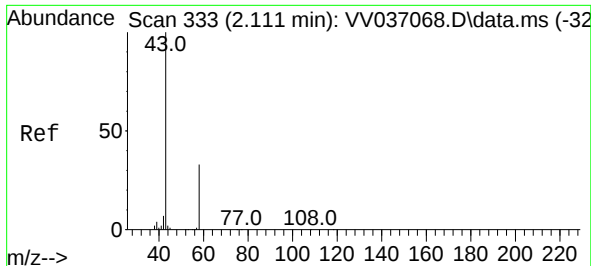
Ion Ratio Lower Upper

96 100

61 183.8 123.8 229.8

63 149.4 96.5 179.1

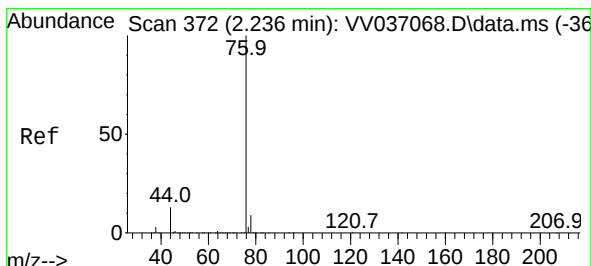
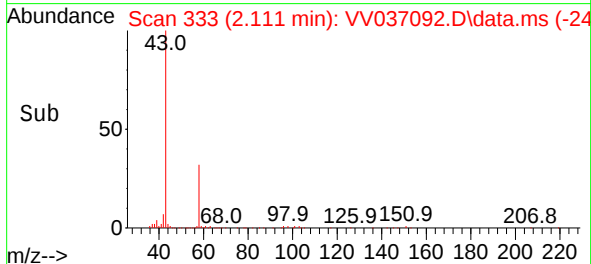
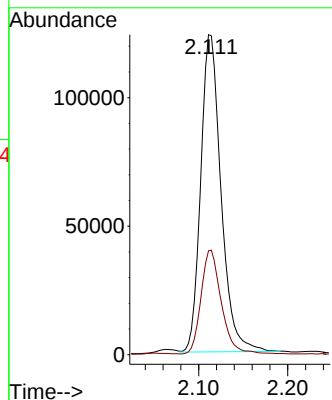
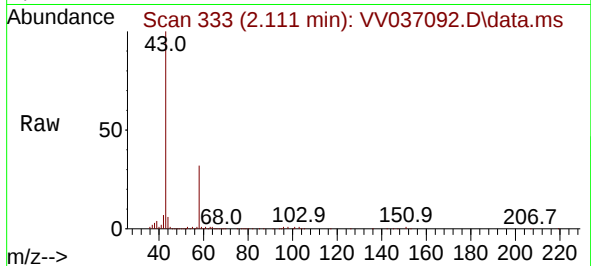




#13
Acetone
Concen: 68.228 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

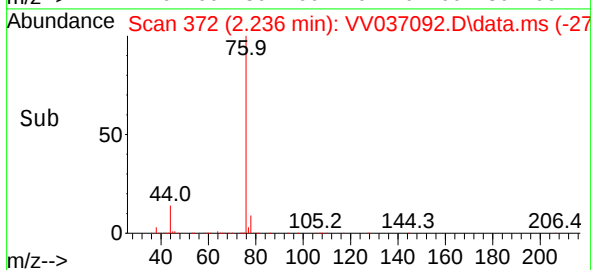
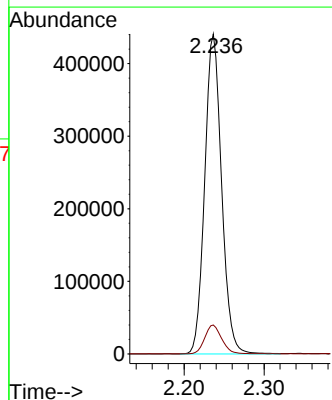
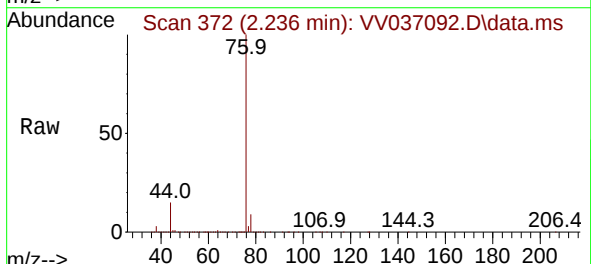
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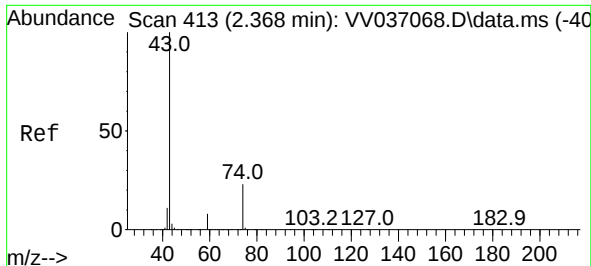
Tgt Ion: 43 Resp: 195306
Ion Ratio Lower Upper
43 100
58 32.5 0.0 64.8



#14
Carbon disulfide
Concen: 43.395 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV037092.D
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Tgt Ion: 76 Resp: 647578
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 47.103 ug/L

RT: 2.372 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

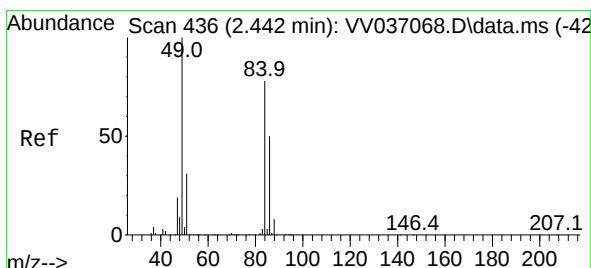
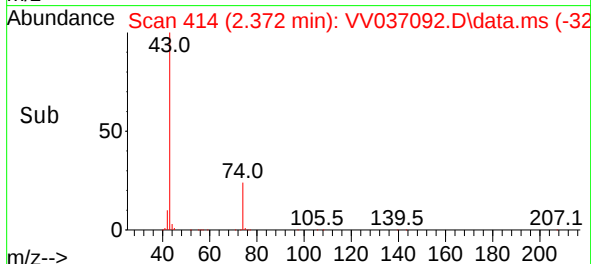
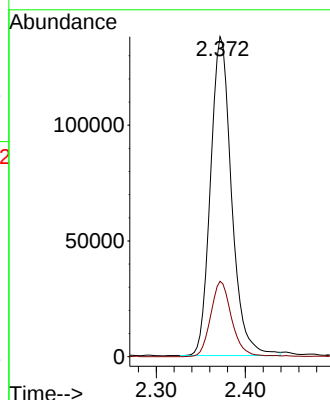
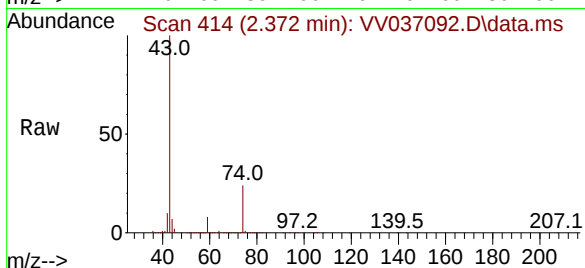
ClientSampleId :

Tgt Ion: 43 Resp: 226050

Ion Ratio Lower Upper

43 100

74 23.5 18.4 27.6



#16

Methylene chloride

Concen: 44.779 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

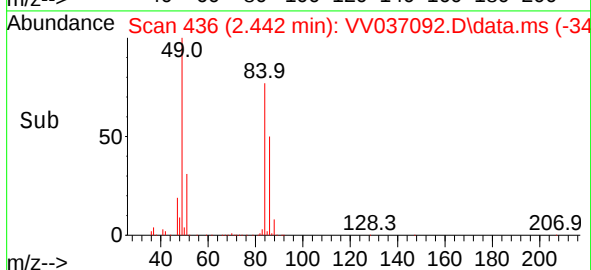
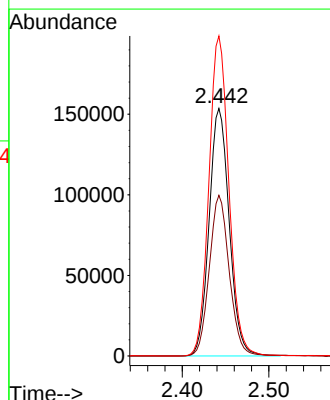
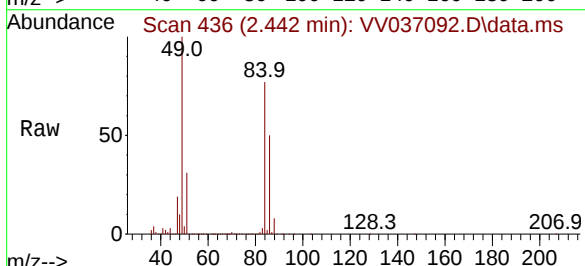
Tgt Ion: 84 Resp: 248353

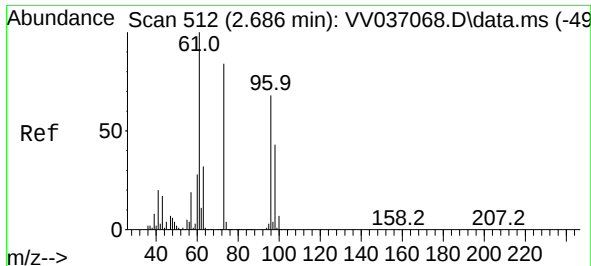
Ion Ratio Lower Upper

84 100

86 64.9 44.7 82.9

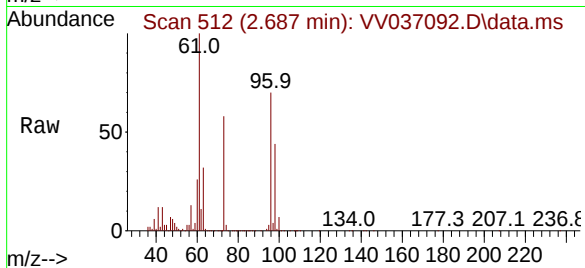
49 129.2 91.4 169.8



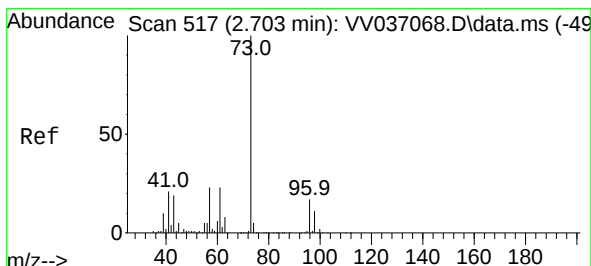
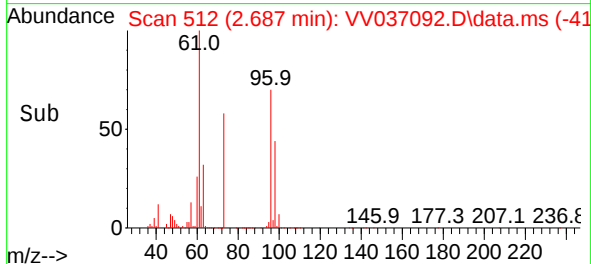
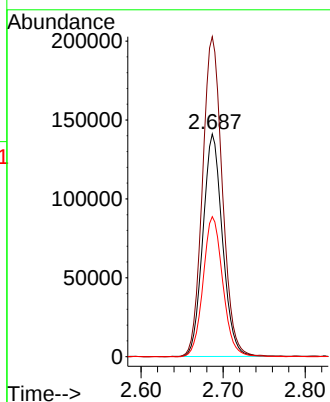


#17
trans-1,2-Dichloroethene
Concen: 45.882 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Instrument :
MSVOA_V
ClientSampleId :

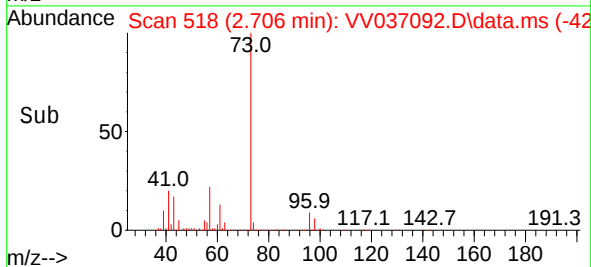
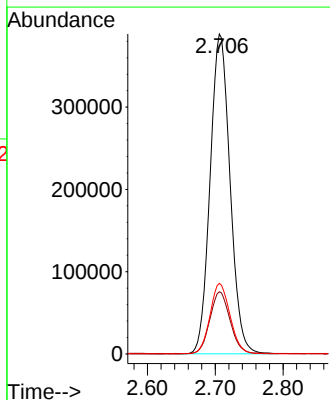
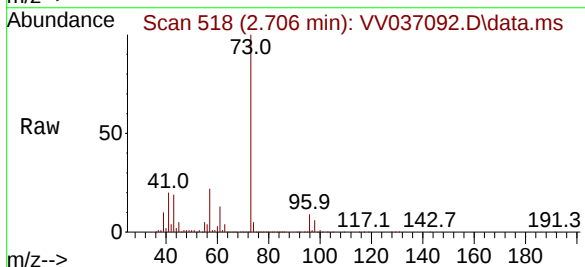


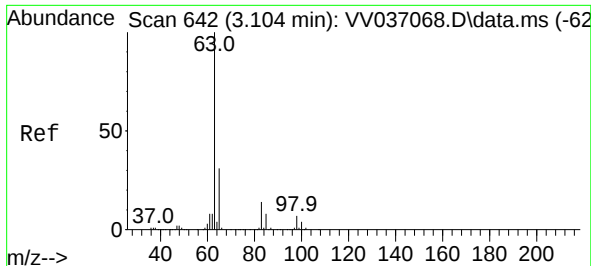
Tgt Ion: 96 Resp: 234139
Ion Ratio Lower Upper
96 100
61 143.7 102.3 189.9
98 62.9 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 49.441 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion: 73 Resp: 793657
Ion Ratio Lower Upper
73 100
43 19.4 15.8 23.6
57 22.1 18.1 27.1

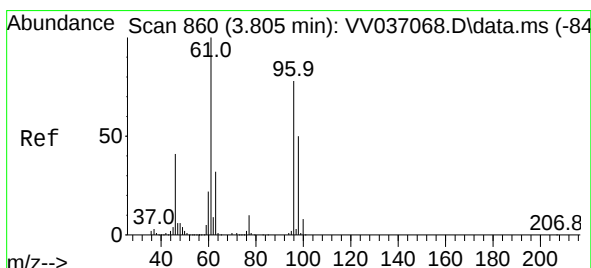
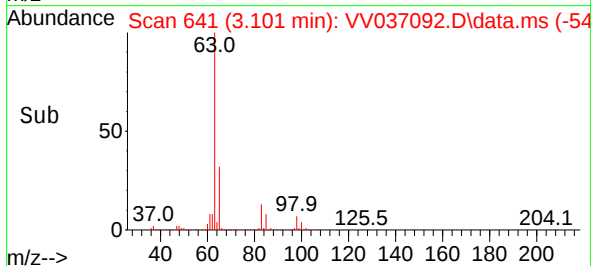
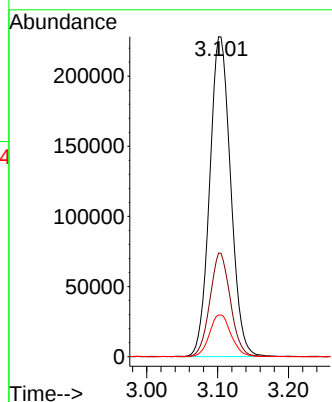
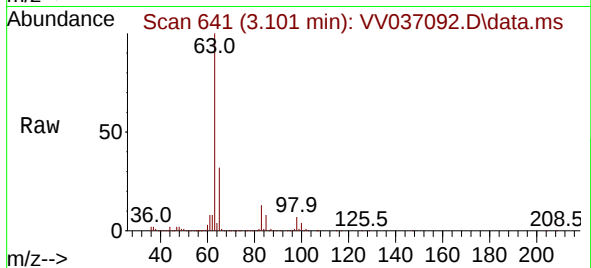




#19
1,1-Dichloroethane
Concen: 46.269 ug/L
RT: 3.101 min Scan# 642
Delta R.T. -0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

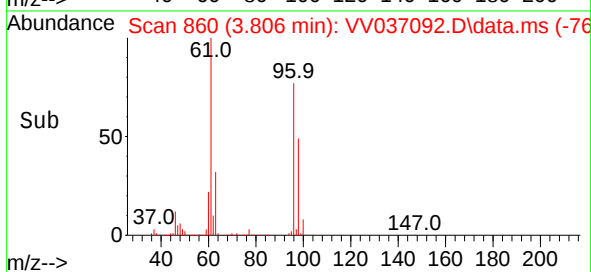
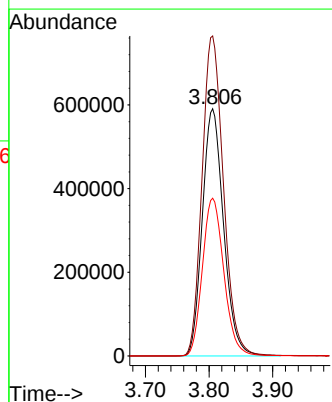
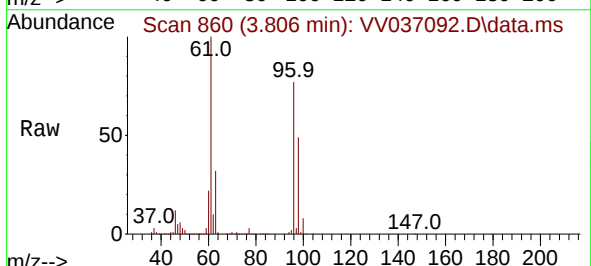
Instrument :
MSVOA_V
ClientSampleId :

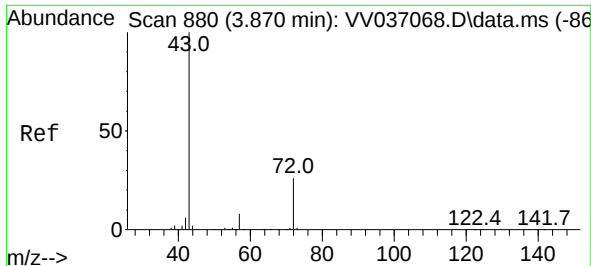
Tgt Ion: 63 Resp: 468907
Ion Ratio Lower Upper
63 100
65 32.4 22.0 41.0
83 13.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 243.088 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion: 96 Resp: 1370748
Ion Ratio Lower Upper
96 100
61 129.5 89.9 166.9
98 63.9 44.8 83.2

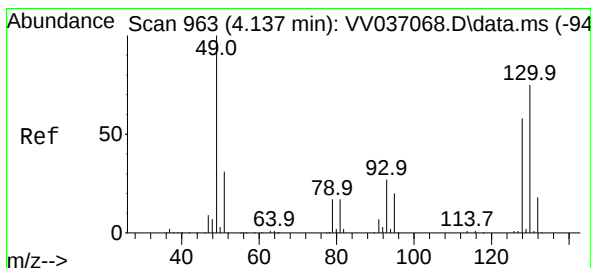
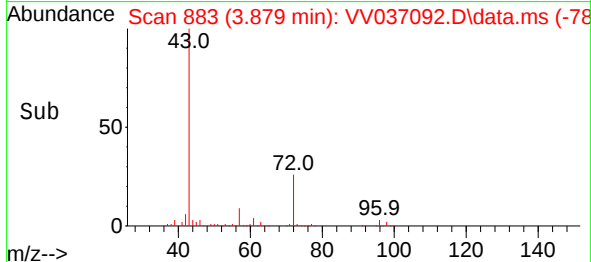
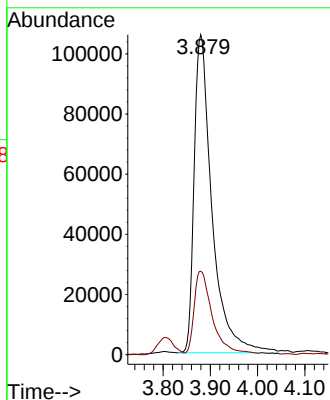
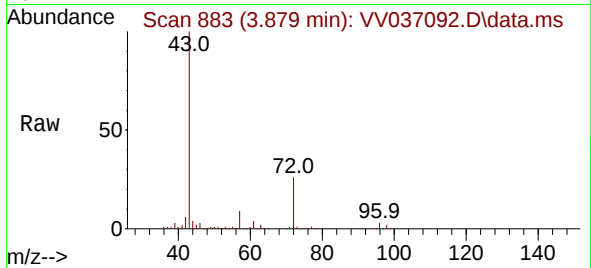




#22
2-Butanone
Concen: 88.126 ug/L
RT: 3.879 min Scan# 880
Delta R.T. 0.010 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

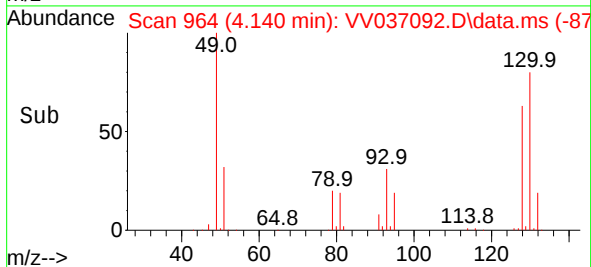
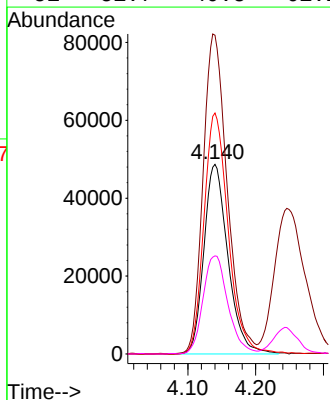
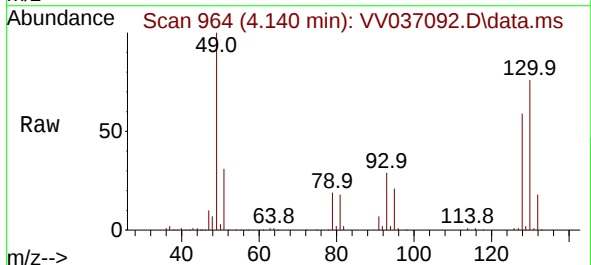
Instrument :
MSVOA_V
ClientSampleId :

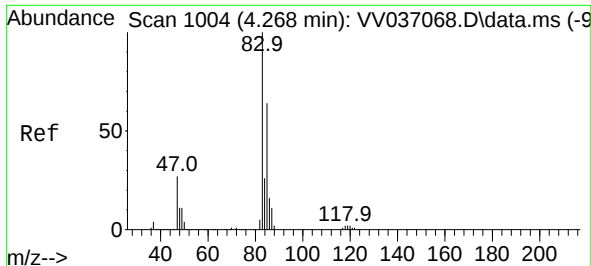
Tgt Ion: 43 Resp: 277747
Ion Ratio Lower Upper
43 100
72 26.5 12.7 38.0



#23
Bromochloromethane
Concen: 43.391 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion:128 Resp: 120108
Ion Ratio Lower Upper
128 100
49 168.1 117.2 217.6
130 127.1 87.6 162.8
51 51.7 40.8 61.2





#25

Chloroform

Concen: 41.962 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

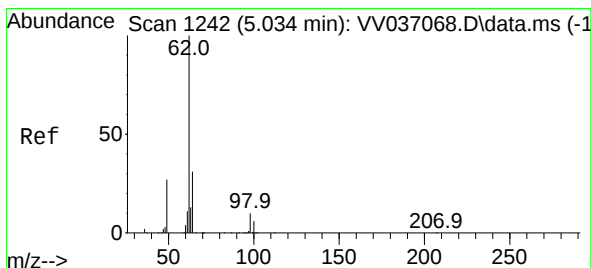
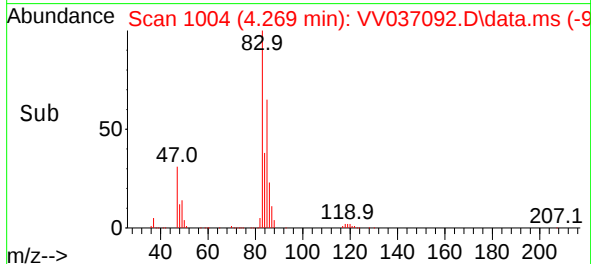
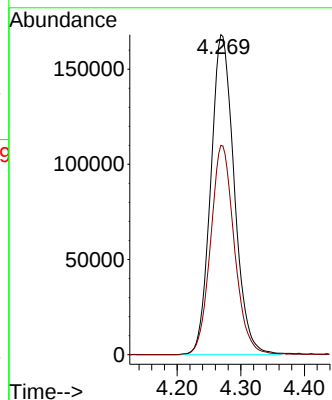
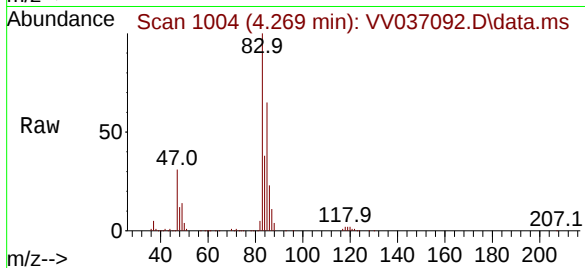
ClientSampleId :

Tgt Ion: 83 Resp: 430671

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 46.968 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037092.D

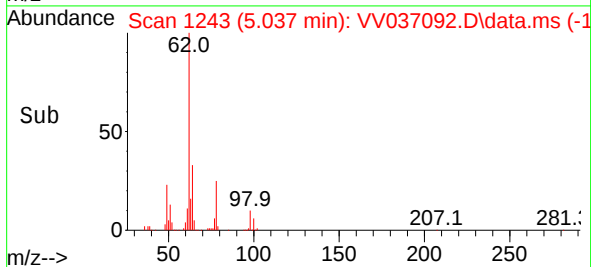
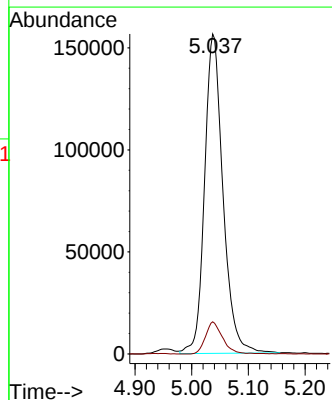
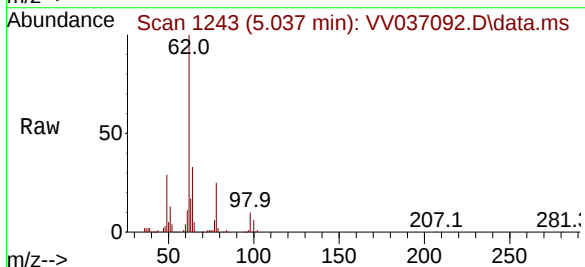
Acq: 27 Aug 2024 17:27

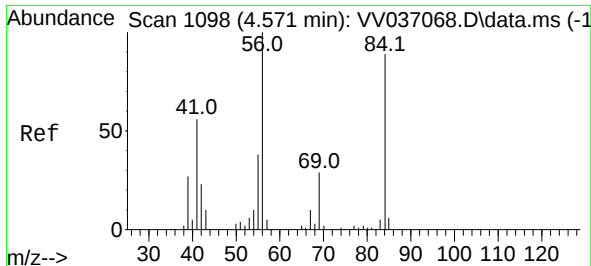
Tgt Ion: 62 Resp: 353610

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0





#29

Cyclohexane

Concen: 44.523 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

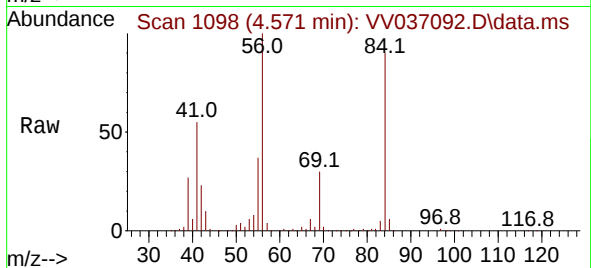
Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :



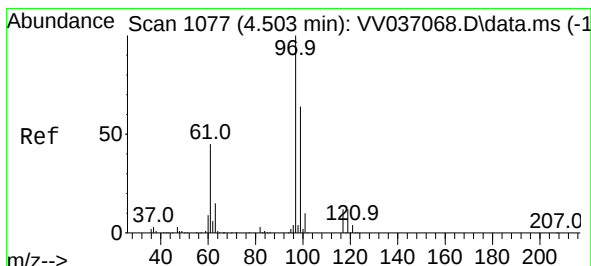
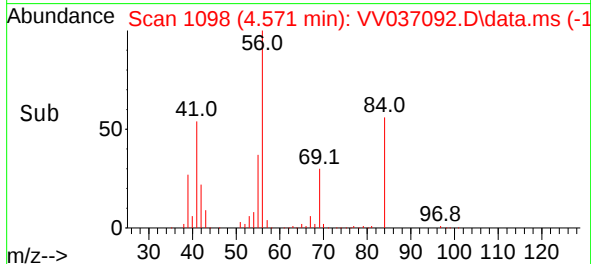
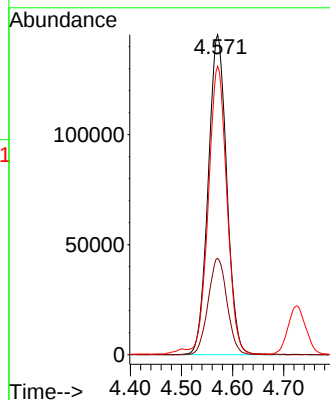
Tgt Ion: 56 Resp: 366959

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.4

84 89.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 46.650 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

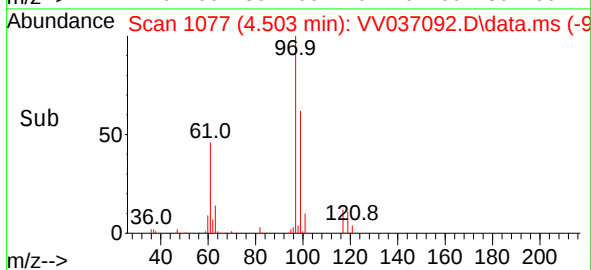
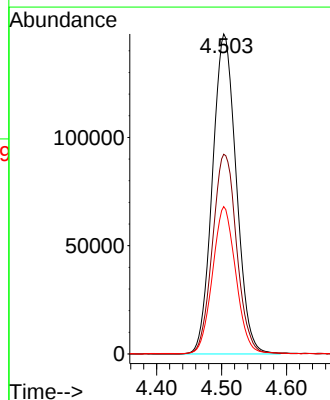
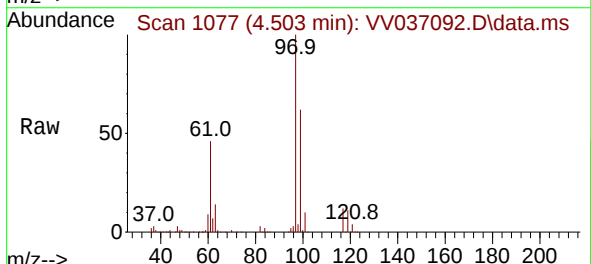
Tgt Ion: 97 Resp: 376267

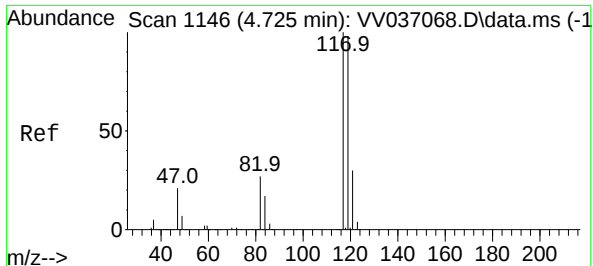
Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

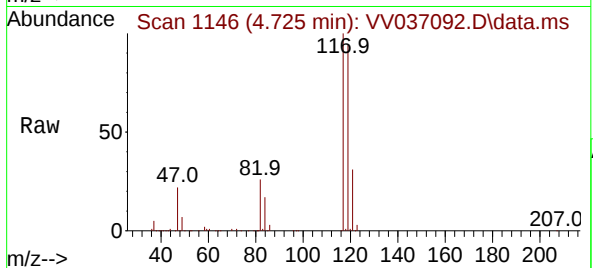
61 45.1 35.8 53.6



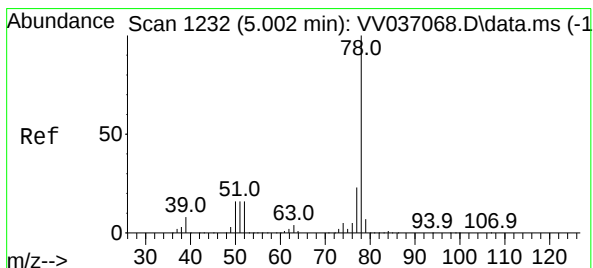
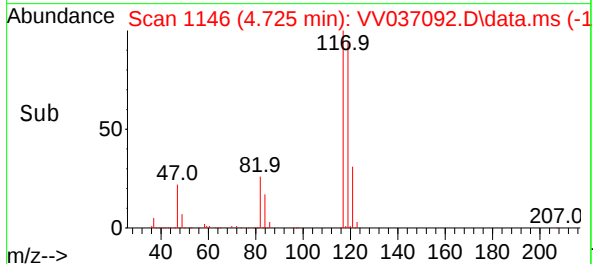
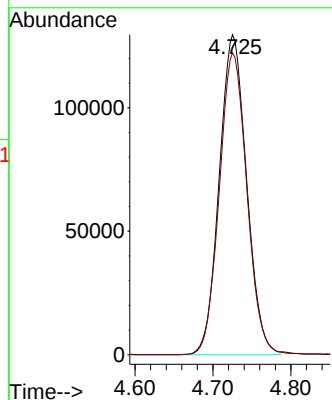


#31
Carbon tetrachloride
Concen: 46.277 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Instrument :
MSVOA_V
ClientSampleId :

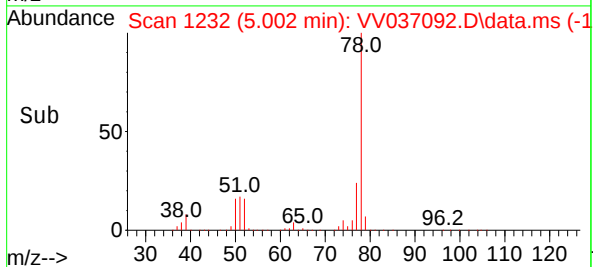
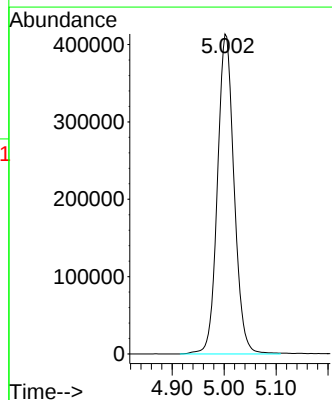
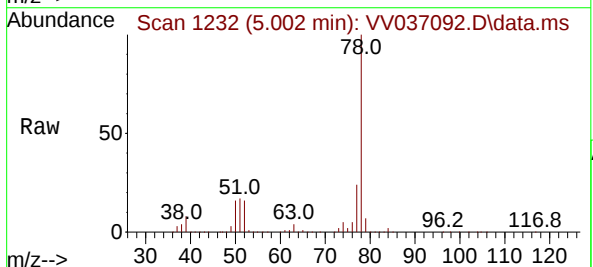


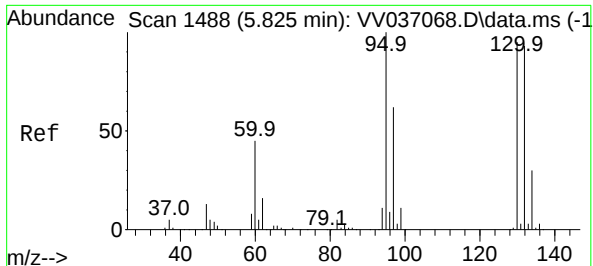
Tgt Ion:117 Resp: 314962
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.6



#33
Benzene
Concen: 45.446 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion: 78 Resp: 919364





#34

Trichloroethene

Concen: 44.384 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 236989

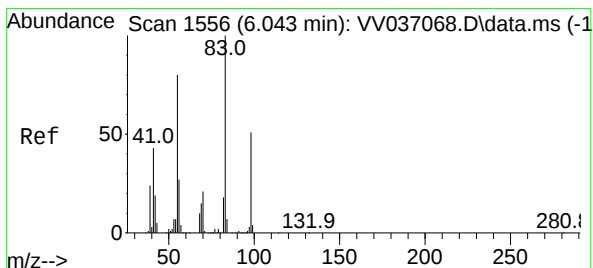
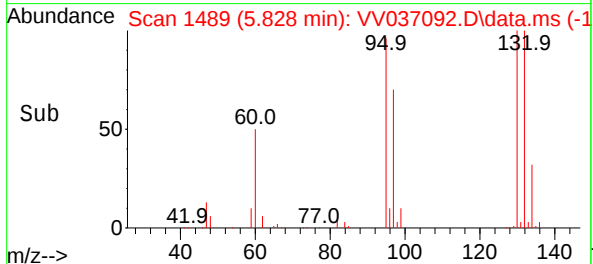
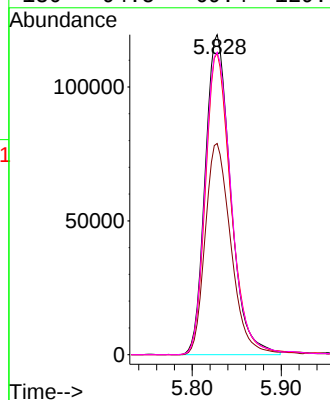
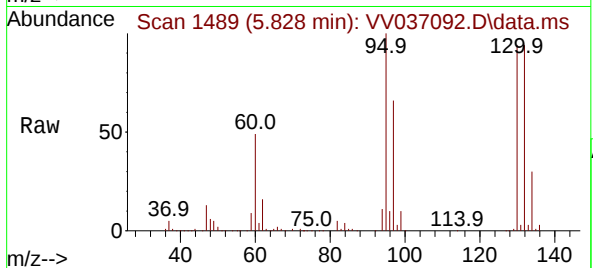
Ion Ratio Lower Upper

95 100

97 66.0 44.4 82.5

132 94.3 64.9 120.5

130 94.5 69.4 129.0



#35

Methylcyclohexane

Concen: 44.716 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

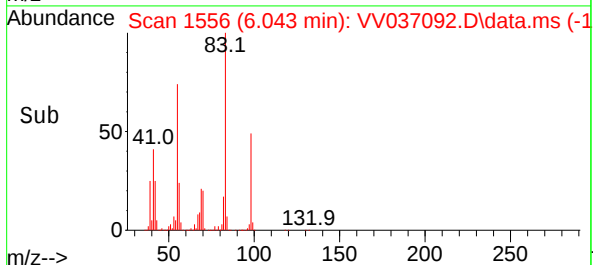
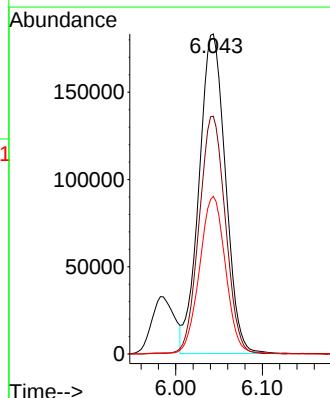
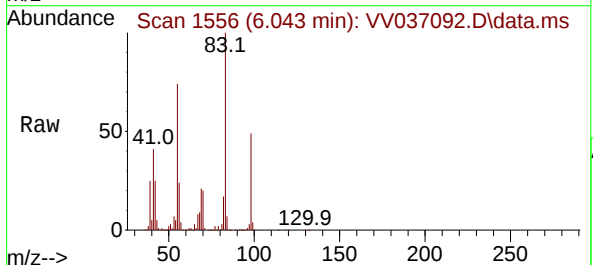
Tgt Ion: 83 Resp: 387933

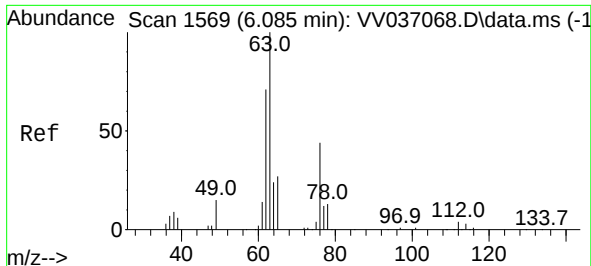
Ion Ratio Lower Upper

83 100

55 74.2 61.2 91.8

98 48.6 39.3 58.9

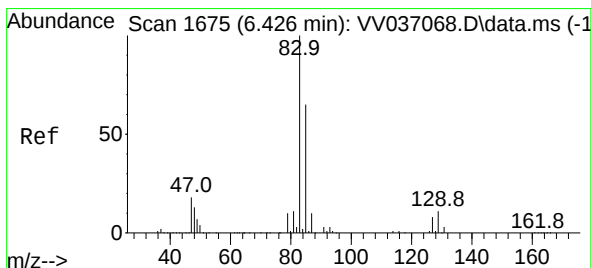
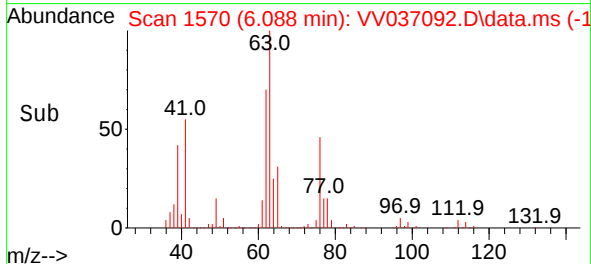
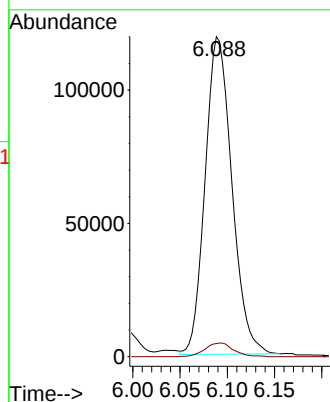
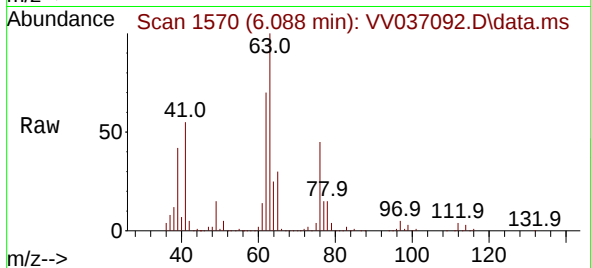




#37
1,2-Dichloropropane
Concen: 43.303 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

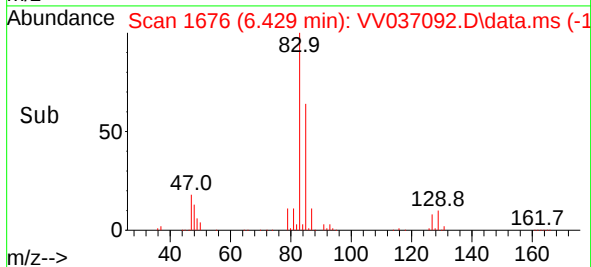
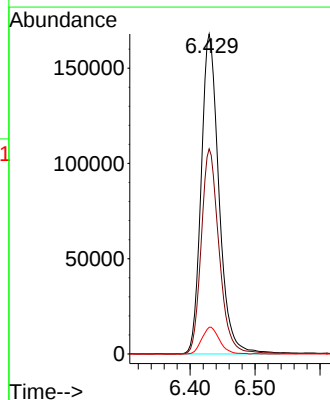
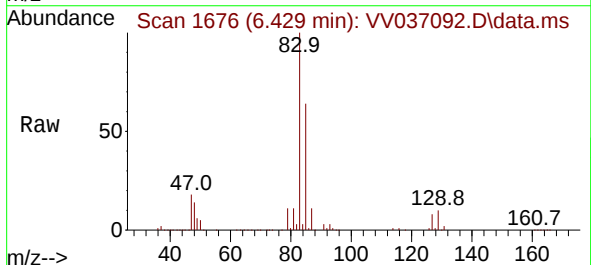
Instrument :
MSVOA_V
ClientSampleId :

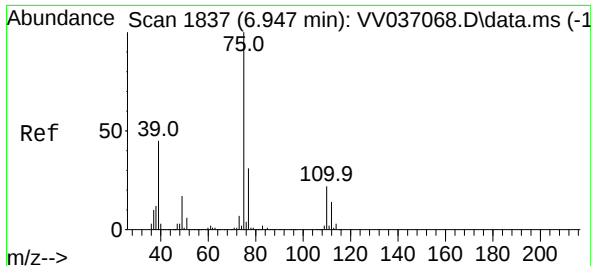
Tgt Ion: 63 Resp: 234854
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 46.100 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion: 83 Resp: 320453
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
127 8.4 6.1 9.1

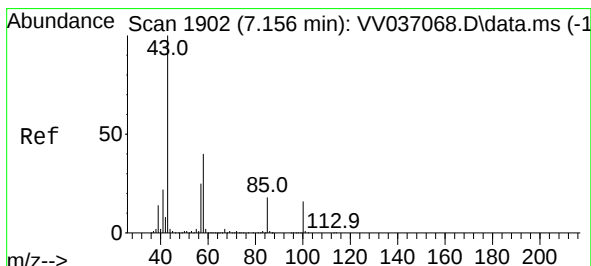
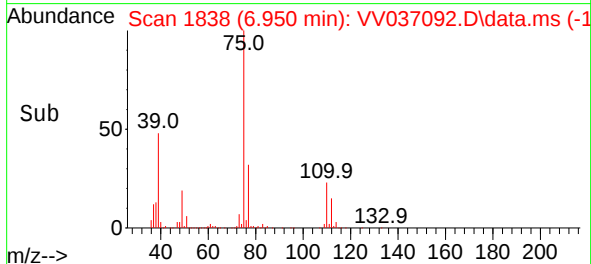
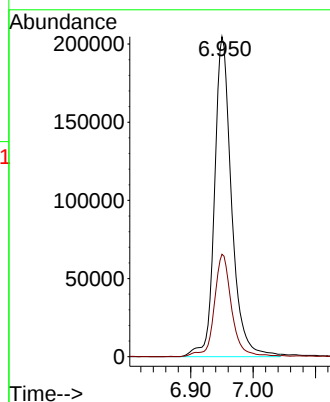
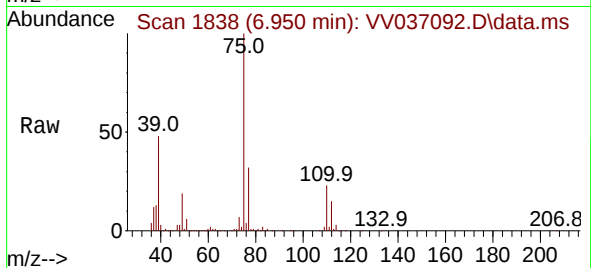




#39
cis-1,3-Dichloropropene
Concen: 45.452 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

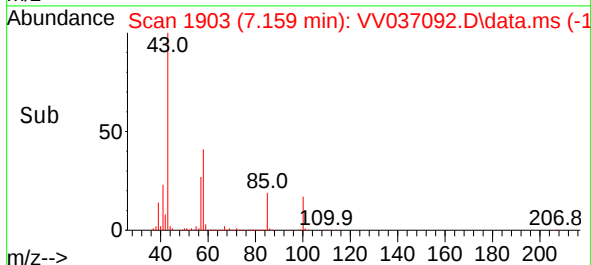
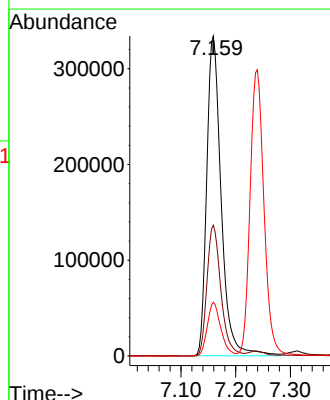
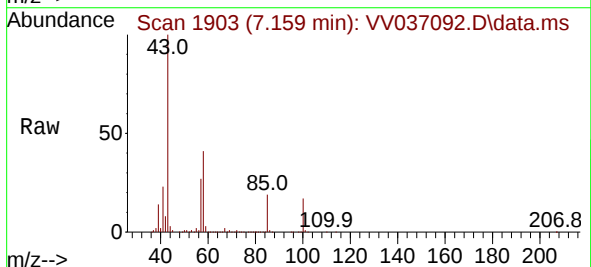
Instrument :
MSVOA_V
ClientSampleId :

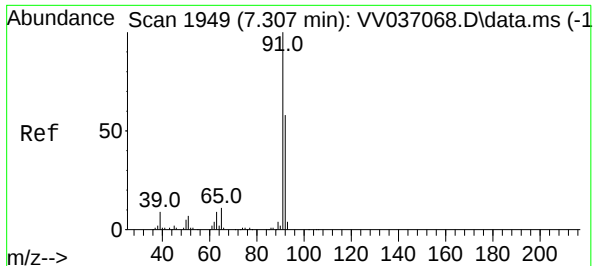
Tgt Ion: 75 Resp: 389006
Ion Ratio Lower Upper
75 100
77 32.0 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 111.119 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion: 43 Resp: 612683
Ion Ratio Lower Upper
43 100
58 39.5 32.0 48.0
100 15.7 12.4 18.6





#42

Toluene

Concen: 46.374 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

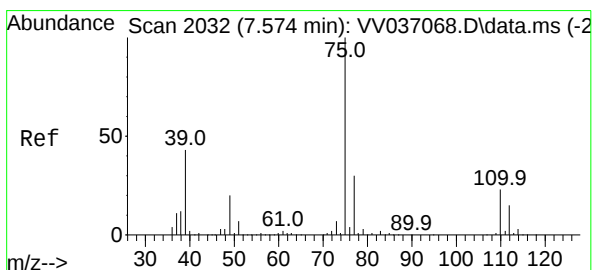
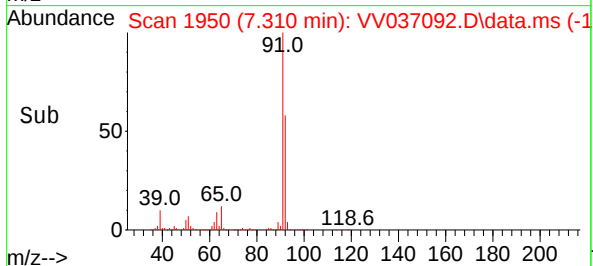
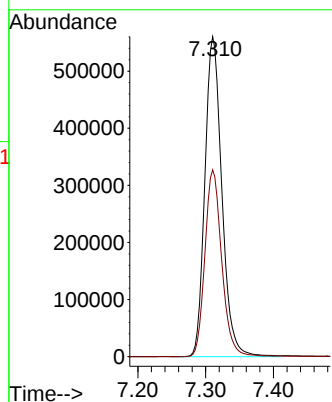
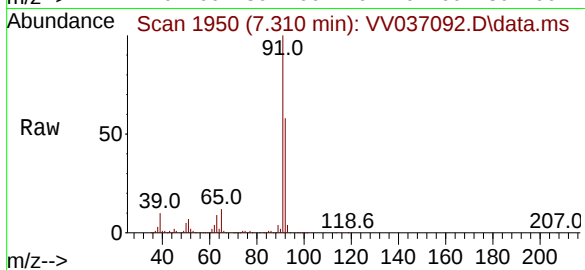
ClientSampleId :

Tgt Ion: 91 Resp: 976776

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 47.089 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037092.D

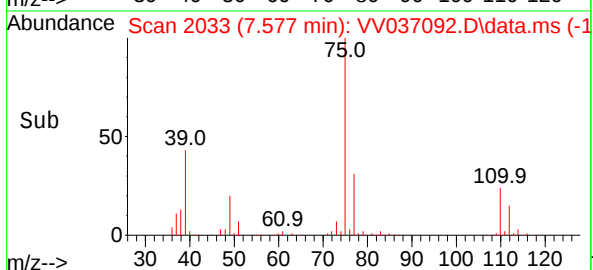
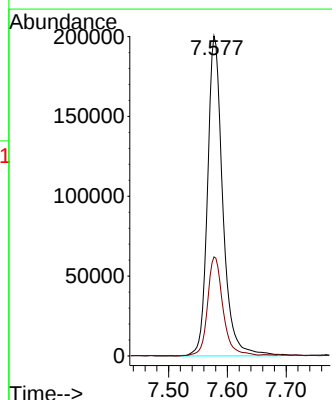
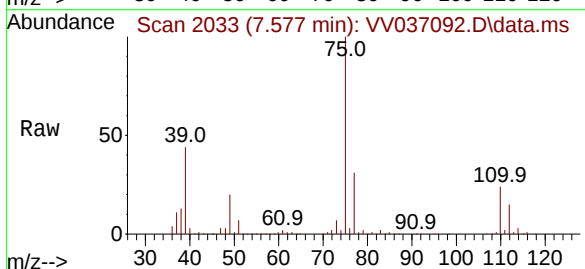
Acq: 27 Aug 2024 17:27

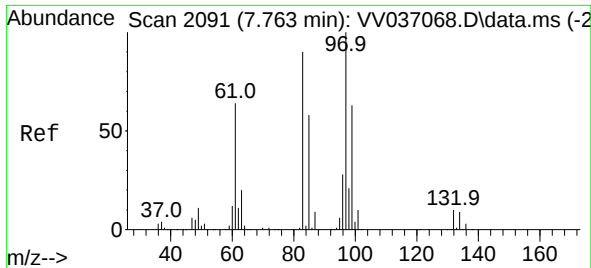
Tgt Ion: 75 Resp: 360232

Ion Ratio Lower Upper

75 100

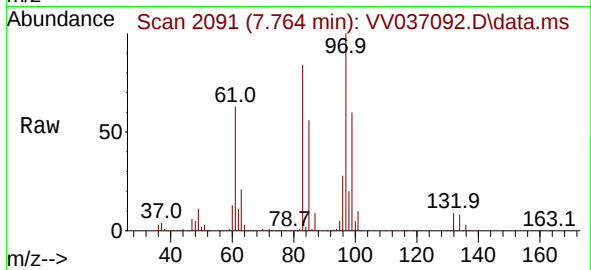
77 30.9 22.0 40.8



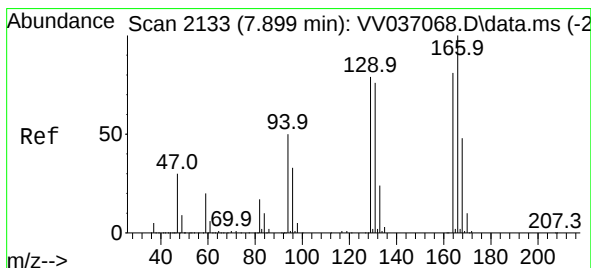
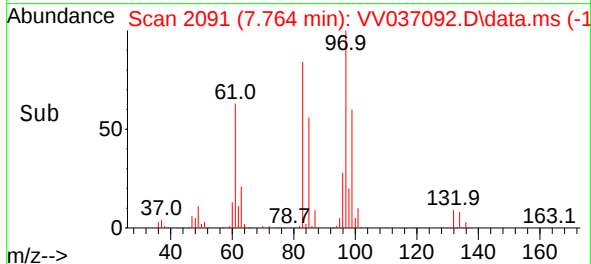
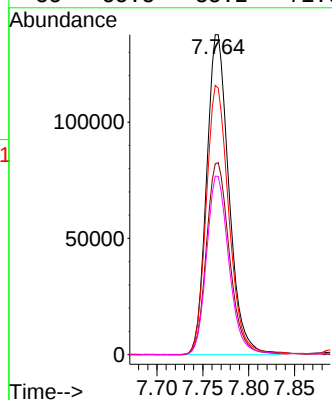


#45
1,1,2-Trichloroethane
Concen: 46.223 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Instrument :
MSVOA_V
ClientSampleId :

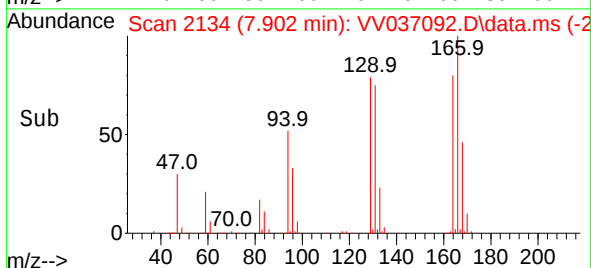
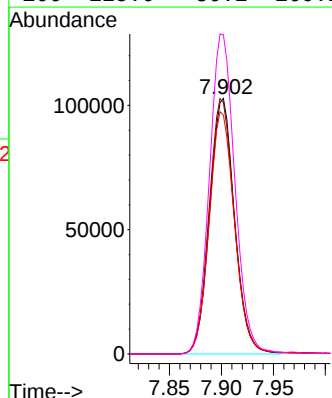
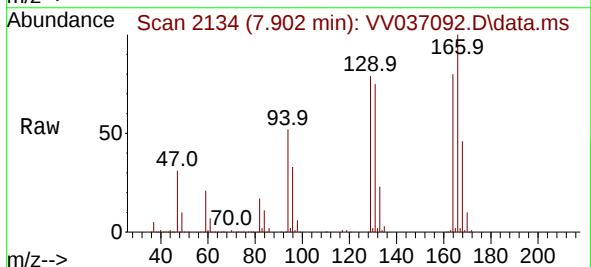


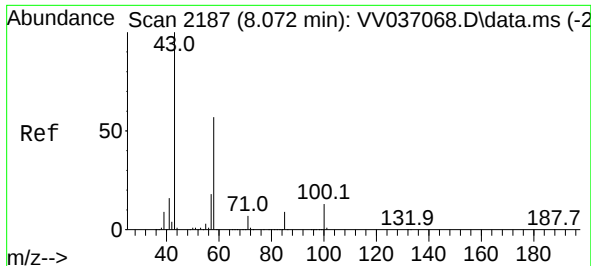
Tgt Ion:	97	Resp:	233363
Ion	Ratio	Lower	Upper
97	100		
99	59.7	42.6	79.0
83	84.2	60.5	112.3
85	55.8	38.2	71.0



#46
Tetrachloroethene
Concen: 44.645 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

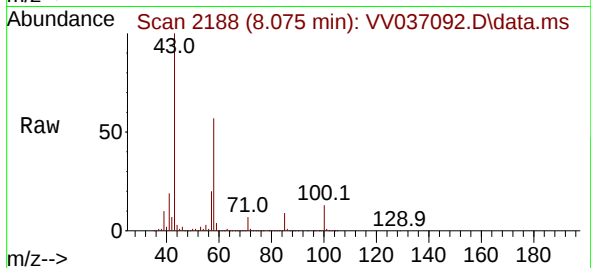
Tgt Ion:	164	Resp:	171042
Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.1	124.7
131	93.5	67.0	124.4
166	125.0	86.2	160.2



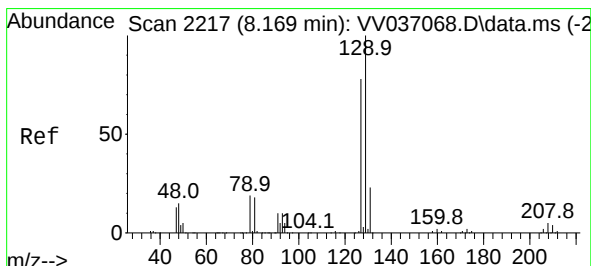
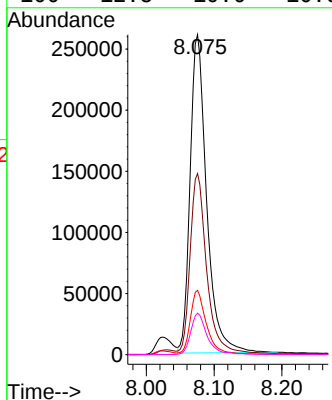
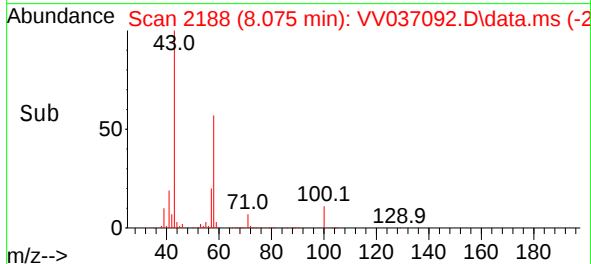


#48
2-Hexanone
Concen: 103.349 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Instrument :
MSVOA_V
ClientSampleId :

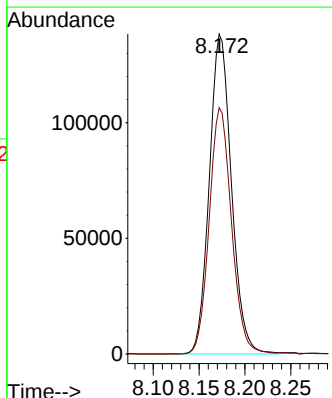
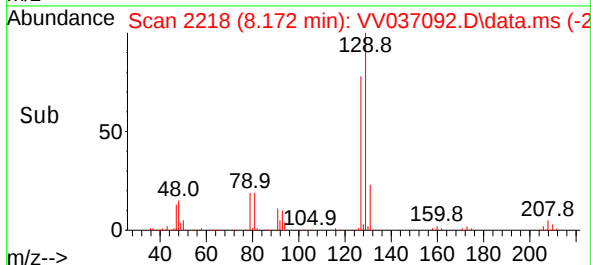
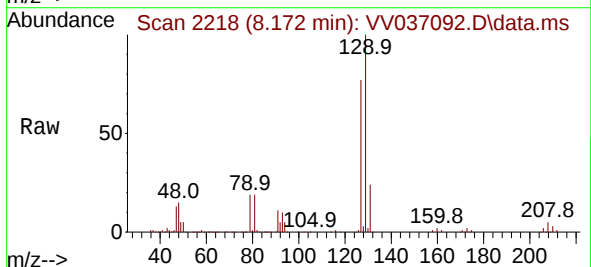


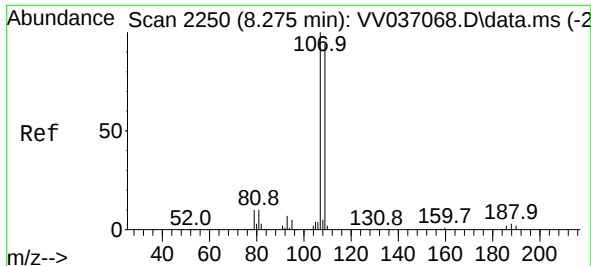
Tgt Ion: 43 Resp: 440706
Ion Ratio Lower Upper
43 100
58 56.9 46.0 69.0
57 19.3 15.6 23.4
100 12.8 10.6 16.0



#49
Dibromochloromethane
Concen: 45.979 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion: 129 Resp: 232437
Ion Ratio Lower Upper
129 100
127 77.0 54.7 101.7

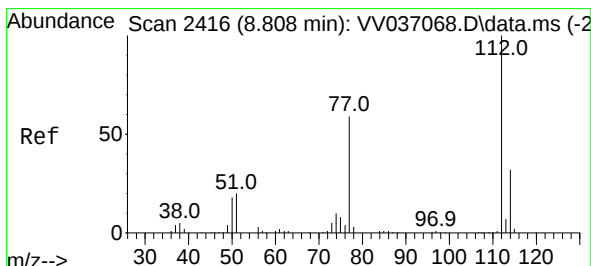
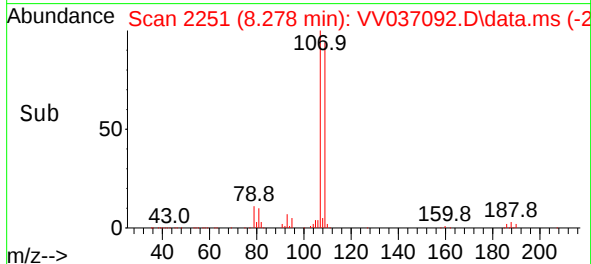
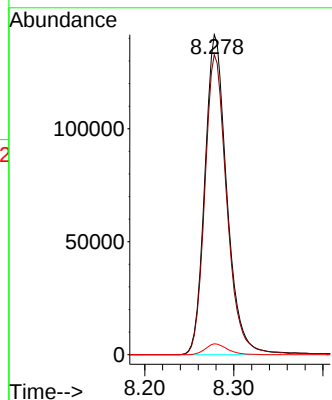
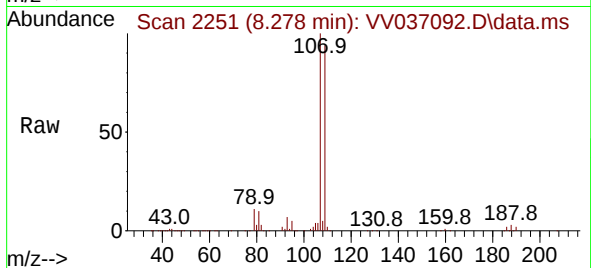




#50
1,2-Dibromoethane
Concen: 47.560 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

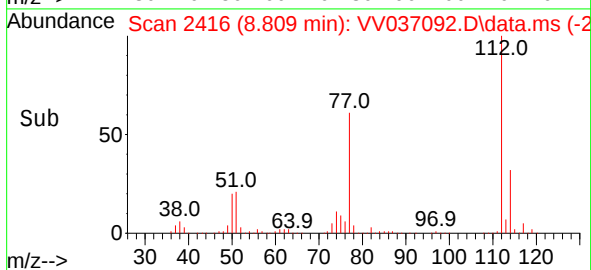
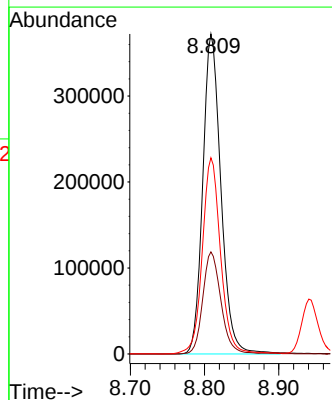
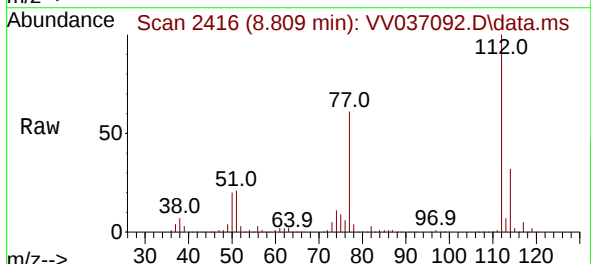
Instrument :
MSVOA_V
ClientSampleId :

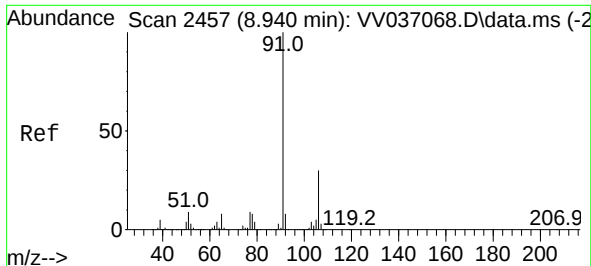
Tgt Ion:	107	Resp:	242975
Ion	Ratio	Lower	Upper
107	100		
109	93.8	66.6	123.6
188	3.5	2.6	3.8



#51
Chlorobenzene
Concen: 45.245 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion:	112	Resp:	630919
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.3	41.5
77	61.3	47.8	71.8

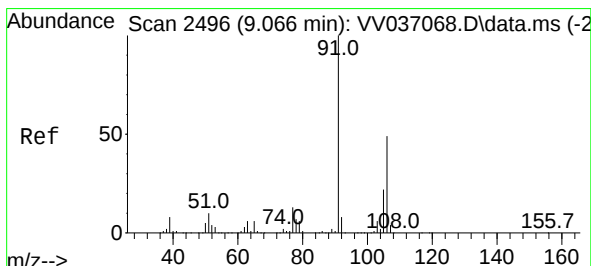
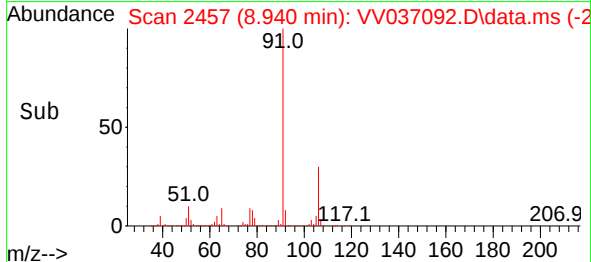
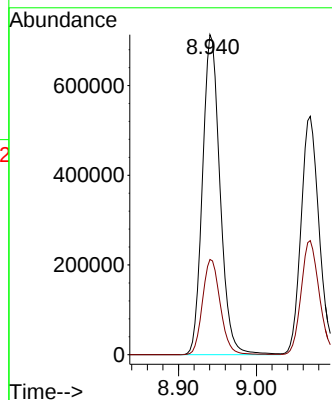
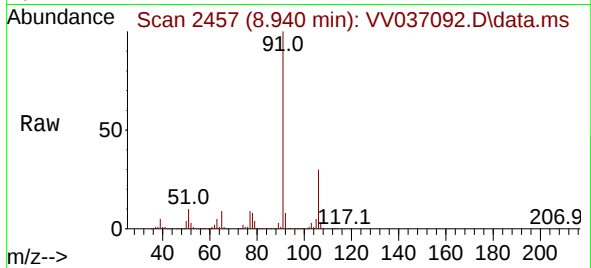




#52
Ethylbenzene
Concen: 46.885 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

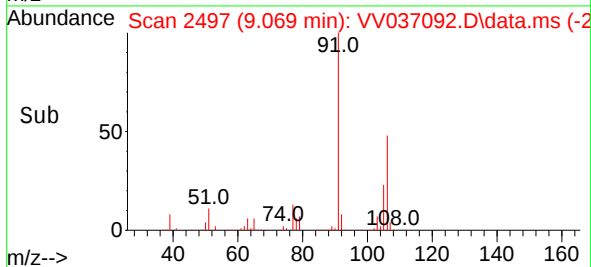
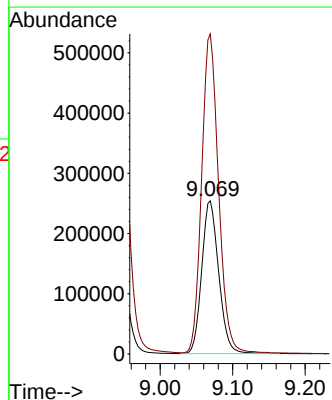
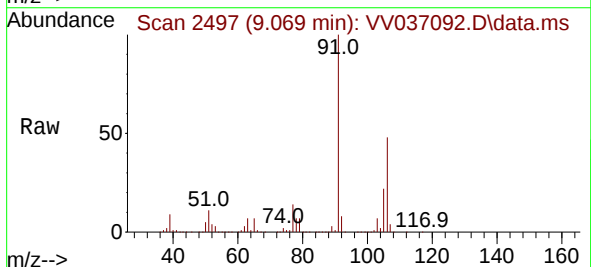
Instrument :
MSVOA_V
ClientSampleId :

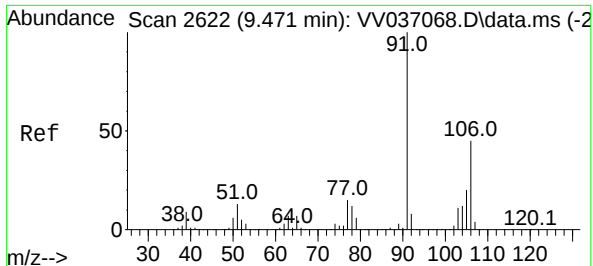
Tgt Ion: 91 Resp: 1115470
Ion Ratio Lower Upper
91 100
106 29.8 21.4 39.8



#53
m,p-Xylene
Concen: 46.658 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion:106 Resp: 411296
Ion Ratio Lower Upper
106 100
91 209.0 143.0 265.6

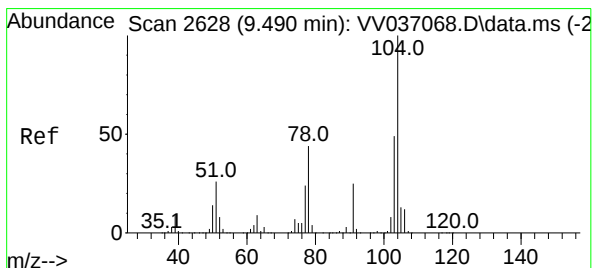
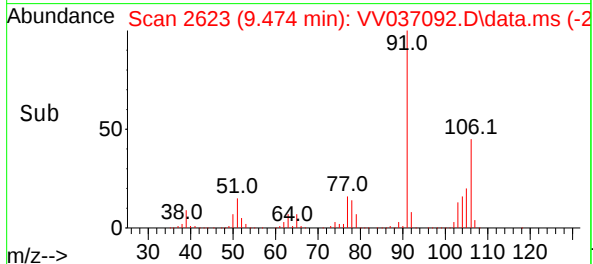
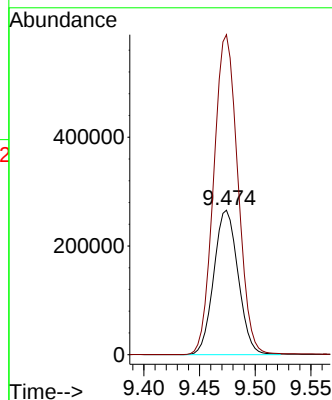
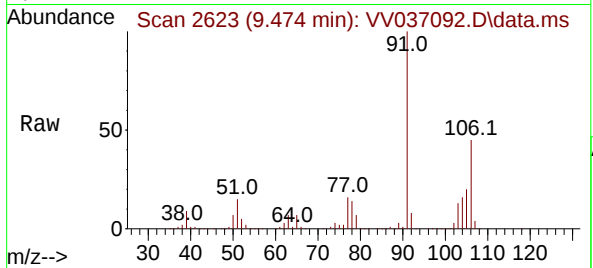




#54
o-Xylene
Concen: 46.886 ug/L
RT: 9.474 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

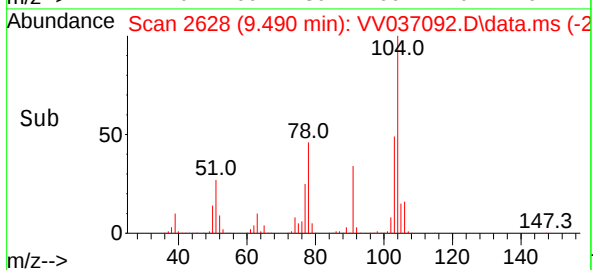
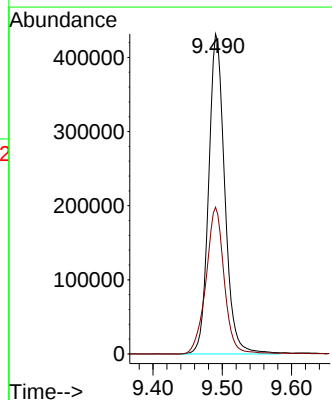
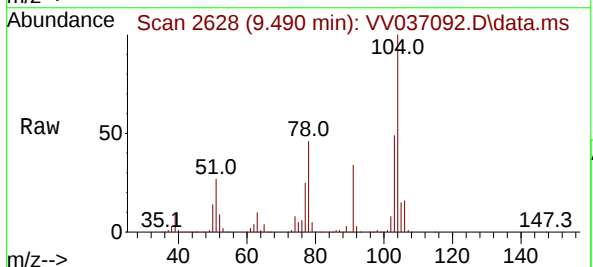
Instrument :
MSVOA_V
ClientSampleId :

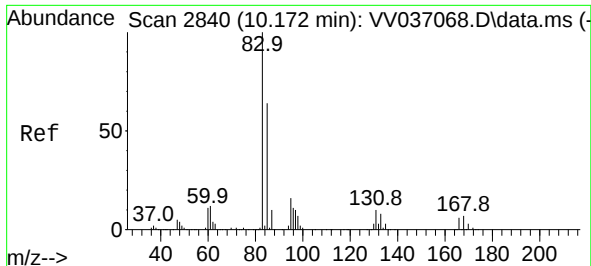
Tgt Ion:106 Resp: 404672
Ion Ratio Lower Upper
106 100
91 221.6 153.2 284.6



#55
Styrene
Concen: 46.585 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion:104 Resp: 697667
Ion Ratio Lower Upper
104 100
78 45.8 30.9 57.5

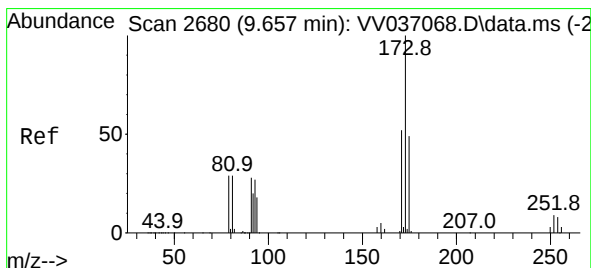
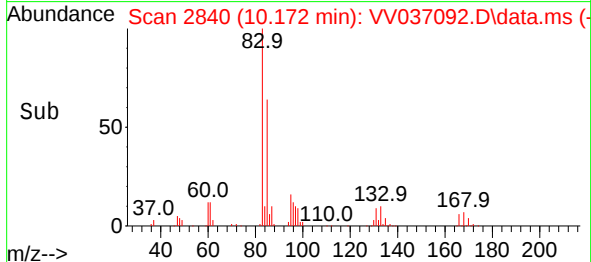
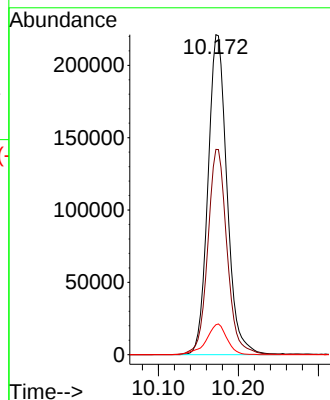
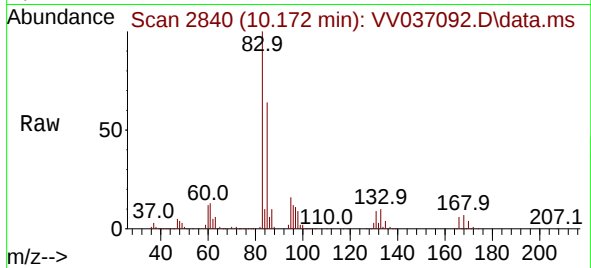




#57
1,1,2,2-Tetrachloroethane
Concen: 48.921 ug/L
RT: 10.172 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

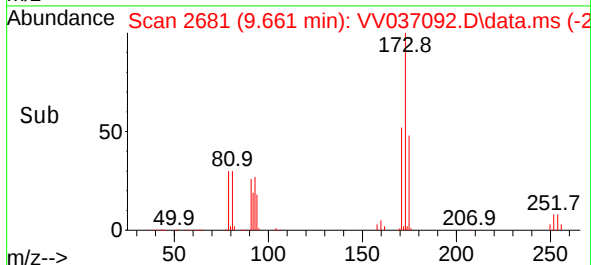
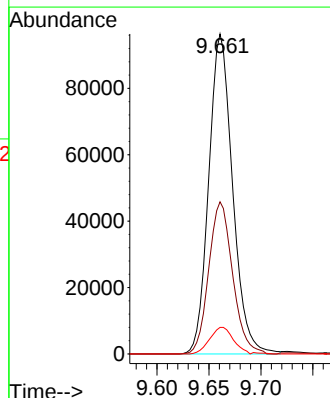
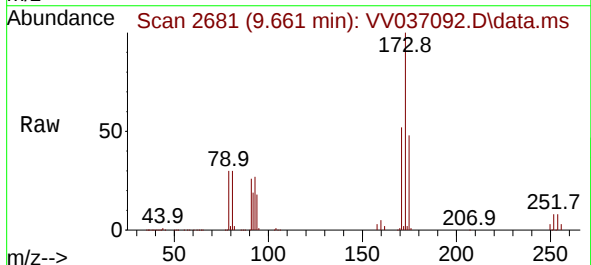
Instrument :
MSVOA_V
ClientSampleId :

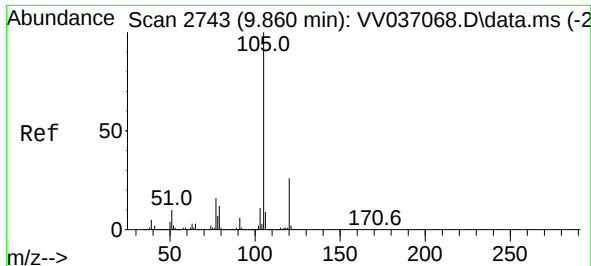
Tgt Ion: 83 Resp: 365800
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7
131 9.4 7.4 11.0



#59
Bromoform
Concen: 46.199 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion: 173 Resp: 153850
Ion Ratio Lower Upper
173 100
175 47.5 38.7 58.1
254 8.2 6.8 10.2

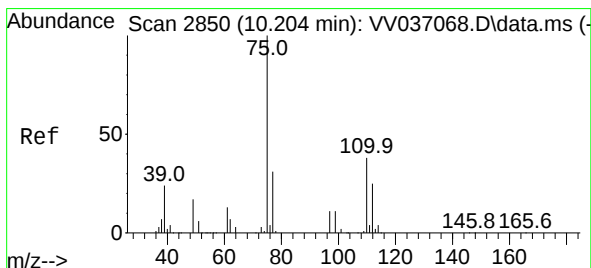
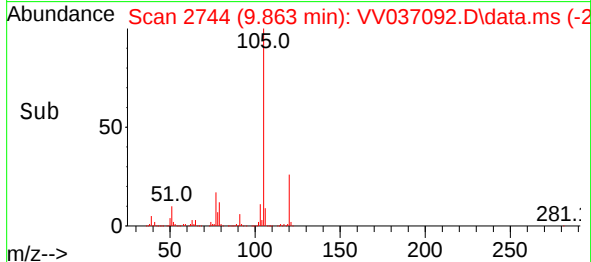
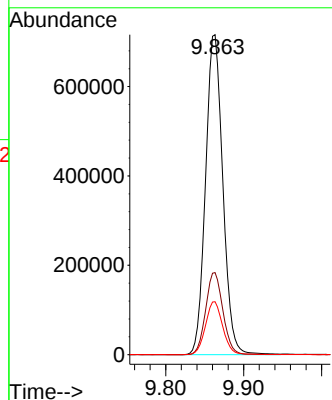
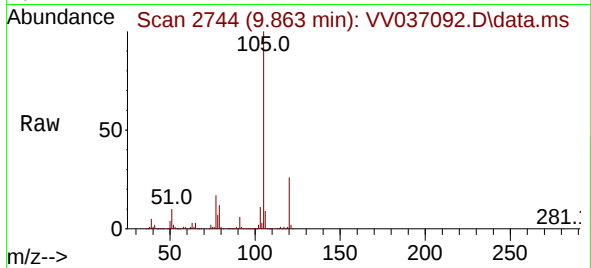




#60
Isopropylbenzene
Concen: 47.614 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

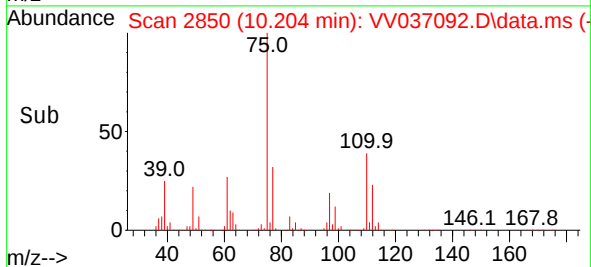
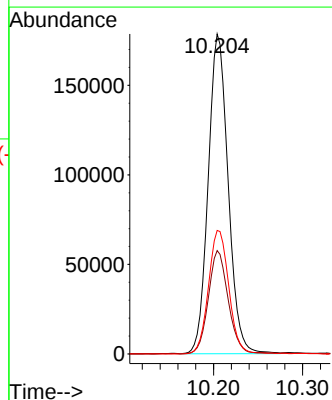
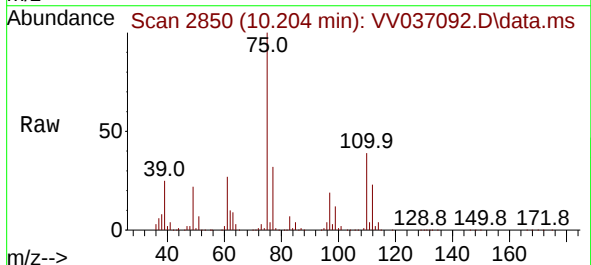
Instrument :
MSVOA_V
ClientSampleId :

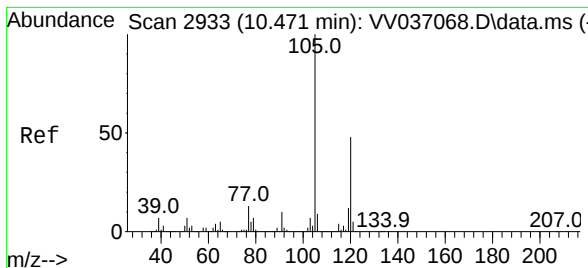
Tgt Ion:105 Resp: 1103912
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 49.871 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037092.D
Acq: 27 Aug 2024 17:27

Tgt Ion: 75 Resp: 277449
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 39.3 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 47.845 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

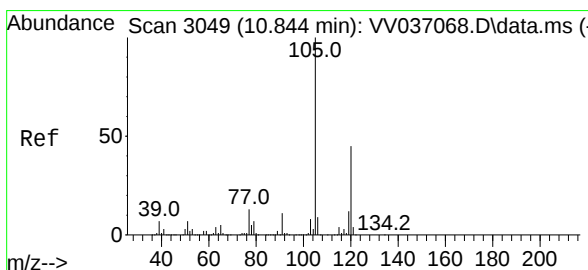
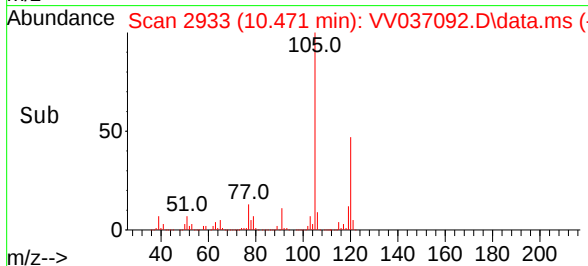
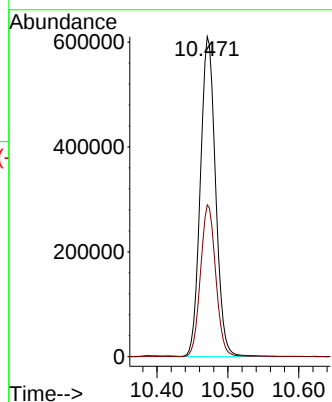
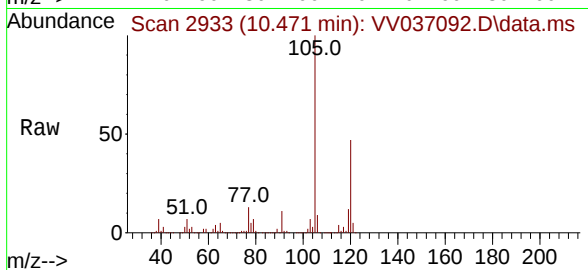
ClientSampleId :

Tgt Ion:105 Resp: 907551

Ion Ratio Lower Upper

105 100

120 47.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 48.467 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037092.D

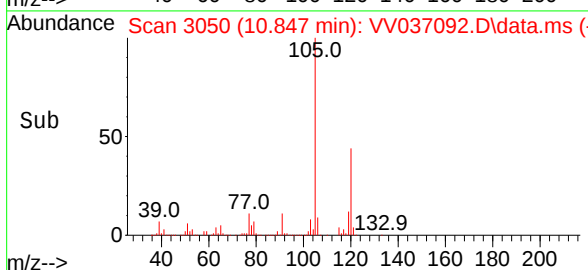
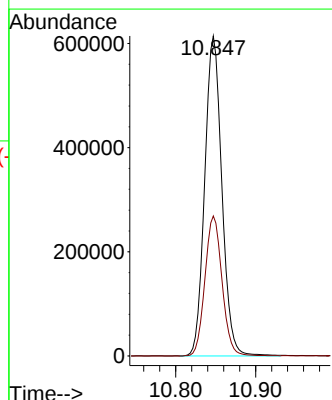
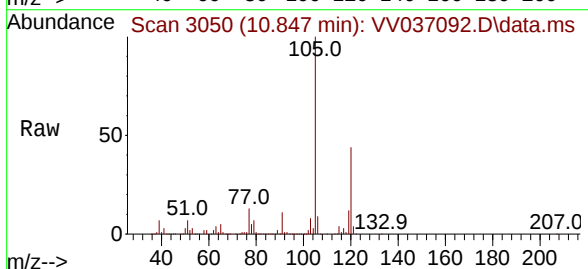
Acq: 27 Aug 2024 17:27

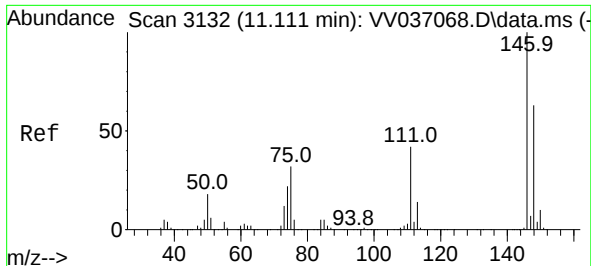
Tgt Ion:105 Resp: 917470

Ion Ratio Lower Upper

105 100

120 43.7 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 45.273 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

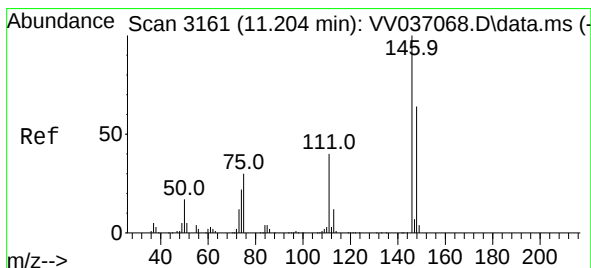
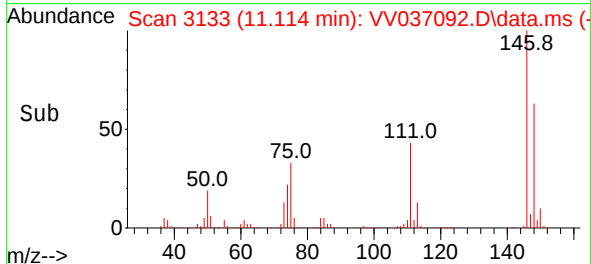
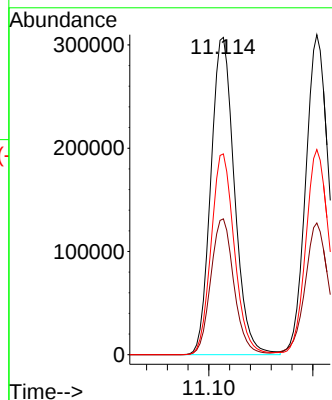
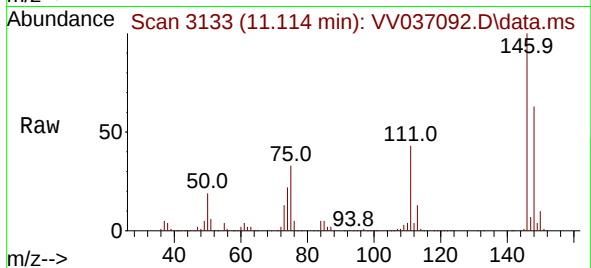
Tgt Ion:146 Resp: 484679

Ion Ratio Lower Upper

146 100

111 42.8 29.7 55.1

148 63.3 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 43.971 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

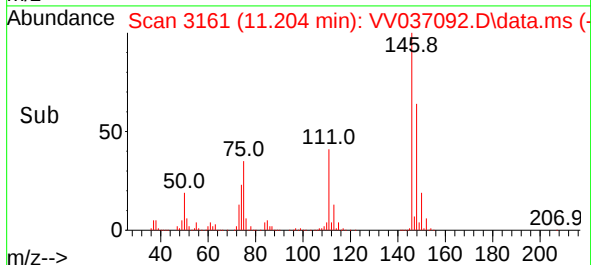
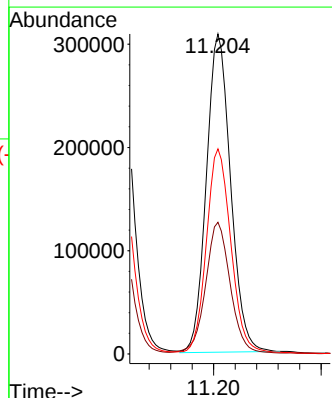
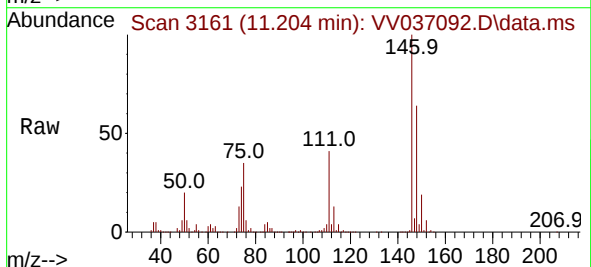
Tgt Ion:146 Resp: 481798

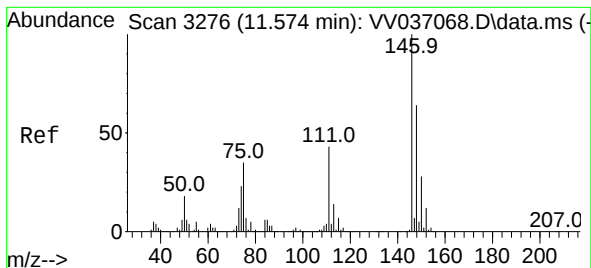
Ion Ratio Lower Upper

146 100

111 41.1 28.1 52.1

148 64.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 45.031 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

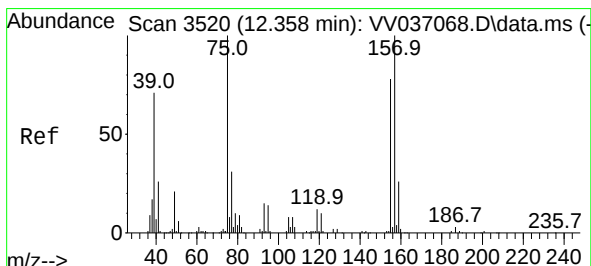
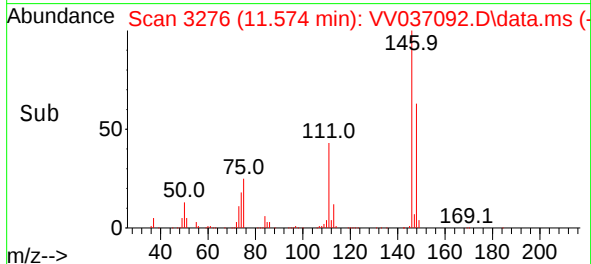
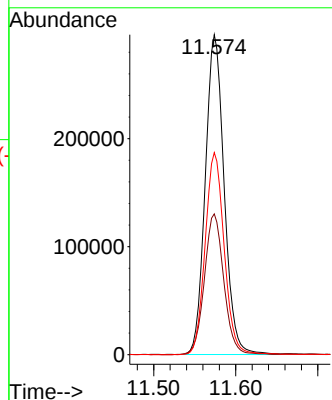
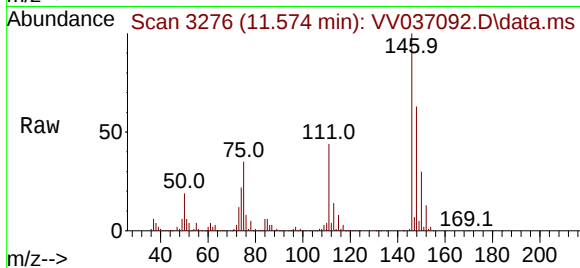
Tgt Ion:146 Resp: 474024

Ion Ratio Lower Upper

146 100

111 44.0 34.6 51.8

148 63.1 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 53.491 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

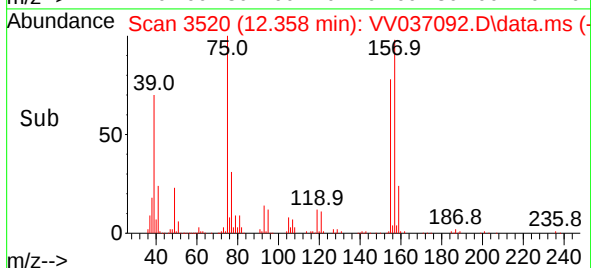
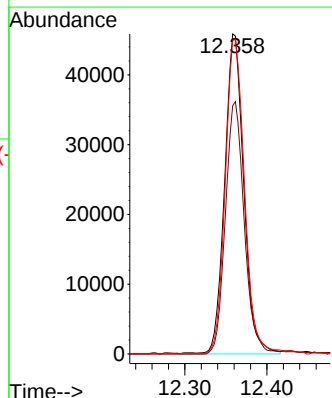
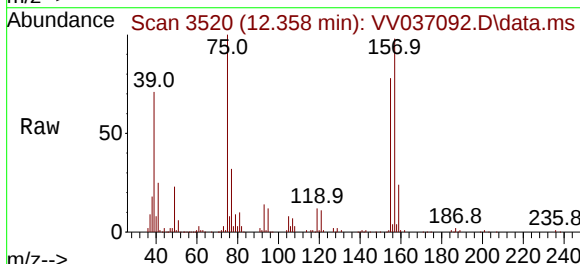
Tgt Ion: 75 Resp: 74214

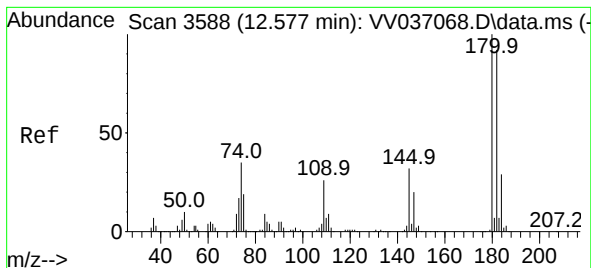
Ion Ratio Lower Upper

75 100

155 77.6 61.8 92.6

157 97.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 44.701 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

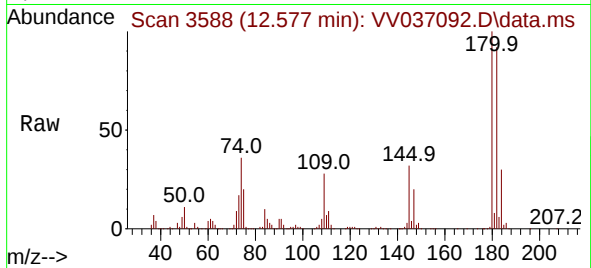
Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 332989

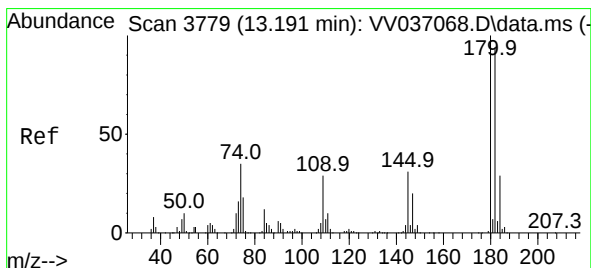
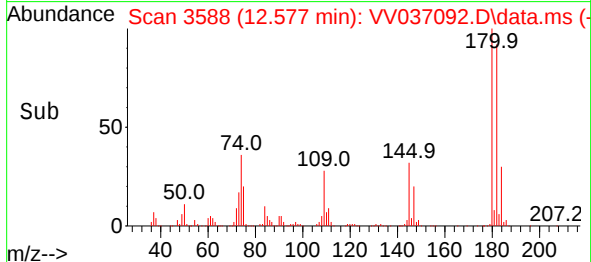
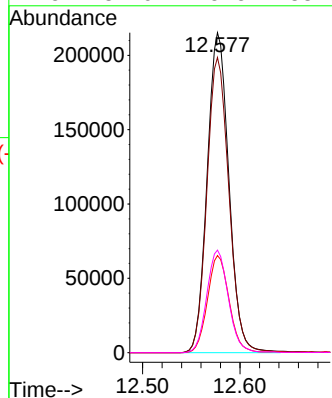
Ion Ratio Lower Upper

180 100

182 93.5 76.7 115.1

184 30.2 24.2 36.2

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 45.458 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

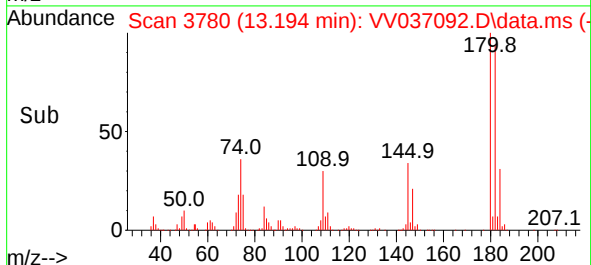
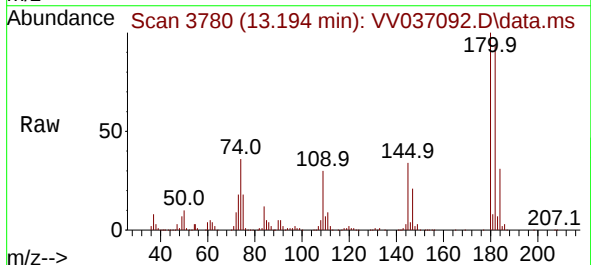
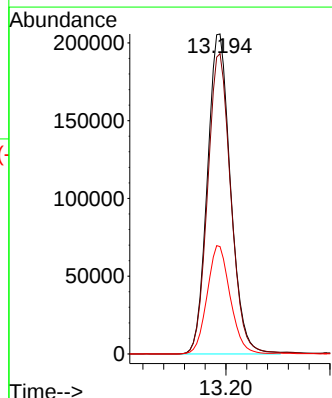
Tgt Ion:180 Resp: 318862

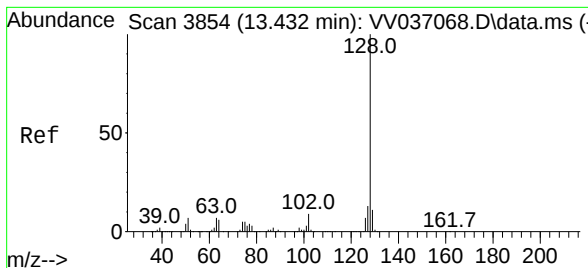
Ion Ratio Lower Upper

180 100

182 94.0 75.7 113.5

145 33.7 26.0 39.0





#71

Naphthalene

Concen: 54.426 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

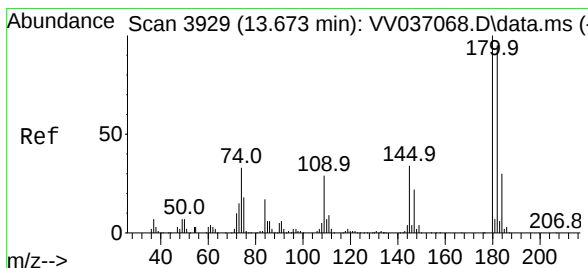
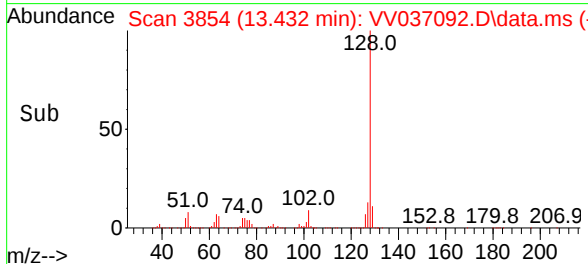
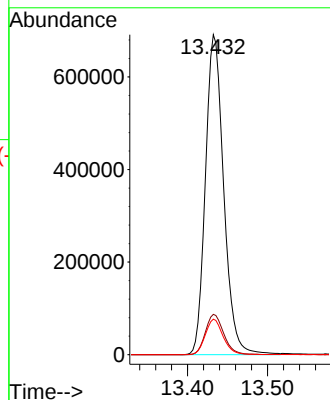
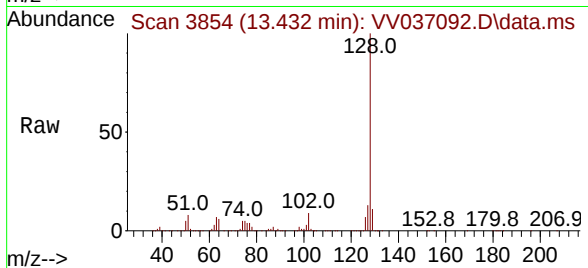
Tgt Ion:128 Resp: 1102400

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 45.941 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037092.D

Acq: 27 Aug 2024 17:27

Tgt Ion:180 Resp: 317569

Ion Ratio Lower Upper

180 100

182 94.8 75.1 112.7

145 35.2 27.0 40.4

