

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082824\
 Data File : VV037120.D
 Acq On : 28 Aug 2024 08:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 04:39:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	623131	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	603751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	307503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	242563	42.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.100%
7) Chloroethane-d5	1.529	69	196120	44.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.040%
11) 1,1-Dichloroethene-d2	2.056	65	108359	45.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.460%
21) 2-Butanone-d5	3.789	46	194405	88.070	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.070%
24) Chloroform-d	4.239	84	439974	49.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.640%
26) 1,2-Dichloroethane-d4	4.934	65	269569	47.982	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
32) Benzene-d6	4.950	84	856270	46.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	5.982	67	268196	46.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	7.236	98	769035	46.728	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
43) trans-1,3-Dichloroprop...	7.548	79	121607	46.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.040%
47) 2-Hexanone-d5	8.024	63	159541	102.348	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.350%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	336654	48.599	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	287439	46.672	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	271871	51.630	ug/L	100
3) Chloromethane	1.217	50	267308	45.139	ug/L	98
5) Vinyl chloride	1.281	62	287313	51.681	ug/L	99
6) Bromomethane	1.487	94	165539	53.141	ug/L	100
8) Chloroethane	1.548	64	181326	53.324	ug/L	99
9) Trichlorofluoromethane	1.712	101	382622	52.740	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	235659	54.613	ug/L	99
12) 1,1-Dichloroethene	2.066	96	213841	52.601	ug/L	92
13) Acetone	2.111	43	246546	104.143	ug/L	99
14) Carbon disulfide	2.236	76	620291	50.260	ug/L	100
15) Methyl Acetate	2.368	43	213429	53.775	ug/L	100
16) Methylene chloride	2.442	84	240710	52.479	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	225382	53.404	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	716252	53.951	ug/L	99
19) 1,1-Dichloroethane	3.101	63	449227	53.599	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	248029	53.185	ug/L	95
22) 2-Butanone	3.870	43	262343	100.649	ug/L	99
23) Bromochloromethane	4.137	128	119793	52.329	ug/L	96
25) Chloroform	4.268	83	430255	50.689	ug/L	98

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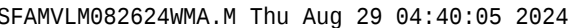
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 ClientSampleId :

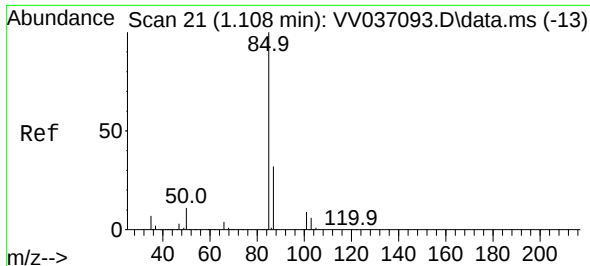
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 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	331404	53.226	ug/L	99
29) Cyclohexane	4.567	56	366472	51.625	ug/L	98
30) 1,1,1-Trichloroethane	4.500	97	362032	52.114	ug/L	99
31) Carbon tetrachloride	4.725	117	307027	52.377	ug/L	97
33) Benzene	5.001	78	917601	52.664	ug/L	100
34) Trichloroethene	5.825	95	243913	53.037	ug/L	99
35) Methylcyclohexane	6.040	83	391615	52.411	ug/L	100
37) 1,2-Dichloropropane	6.085	63	242641	51.945	ug/L	100
38) Bromodichloromethane	6.426	83	313542	52.371	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	390603	52.988	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	498094	104.886	ug/L	99
42) Toluene	7.307	91	978139	53.918	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	350942	53.263	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	228461	52.540	ug/L	98
46) Tetrachloroethene	7.898	164	176284	53.424	ug/L	97
48) 2-Hexanone	8.072	43	384775	104.766	ug/L	98
49) Dibromochloromethane	8.169	129	226042	51.915	ug/L	100
50) 1,2-Dibromoethane	8.278	107	234062	53.194	ug/L	98
51) Chlorobenzene	8.808	112	626071	52.128	ug/L	99
52) Ethylbenzene	8.940	91	1102973	53.826	ug/L	100
53) m,p-Xylene	9.066	106	407803	53.713	ug/L	98
54) o-Xylene	9.471	106	396031	53.275	ug/L	99
55) Styrene	9.490	104	698542	54.156	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	335519	52.099	ug/L	99
59) Bromoform	9.657	173	147239	51.421	ug/L	99
60) Isopropylbenzene	9.860	105	1086625	54.508	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	252380	52.760	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	890930	54.624	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	893204	54.876	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	481769	52.336	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	492896	52.316	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	478587	52.875	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	61688	51.710	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	337886	52.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	322231	53.426	ug/L	98
71) Naphthalene	13.432	128	926223	53.182	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	315134	53.019	ug/L	100

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

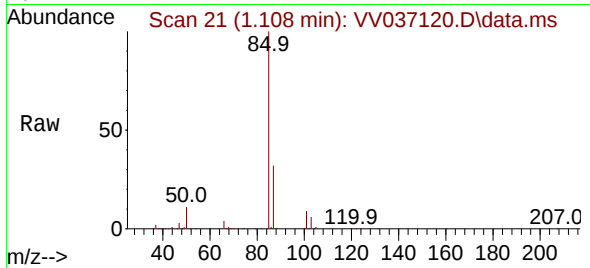
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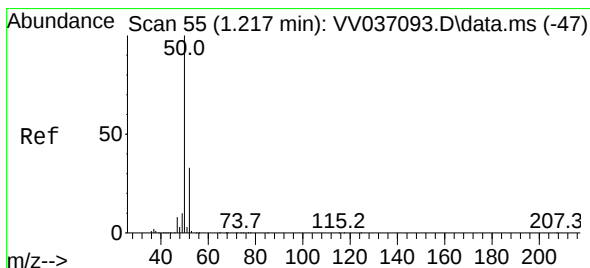
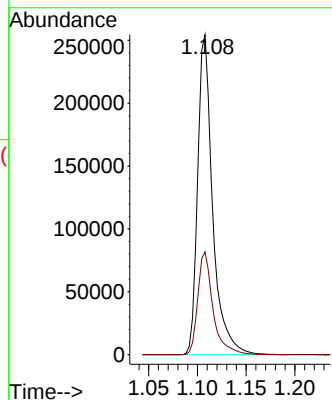
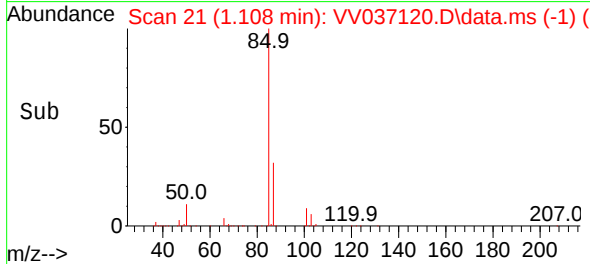


#2
 Dichlorodifluoromethane
 Concen: 51.630 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037120.D
 Acq: 28 Aug 2024 08:08

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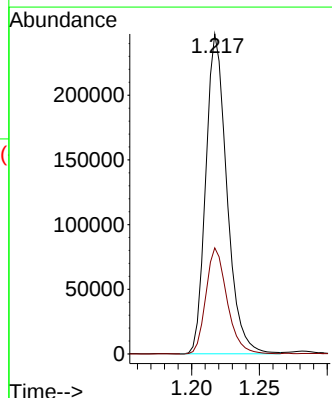
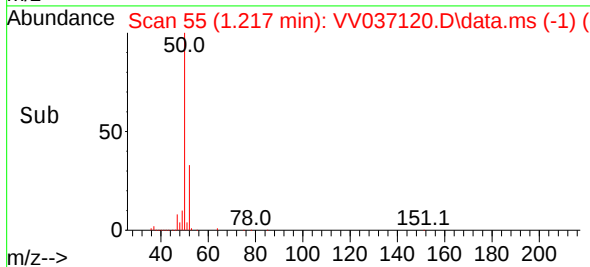
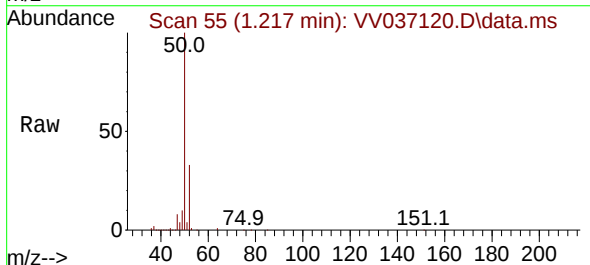


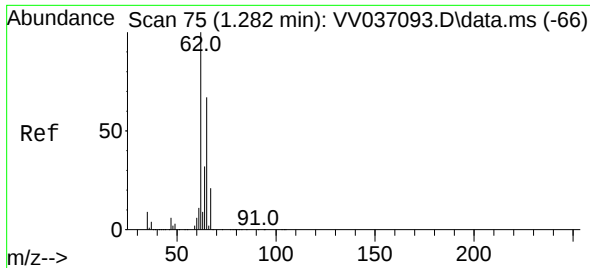
Tgt Ion: 85 Resp: 271871
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 45.139 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037120.D
 Acq: 28 Aug 2024 08:08

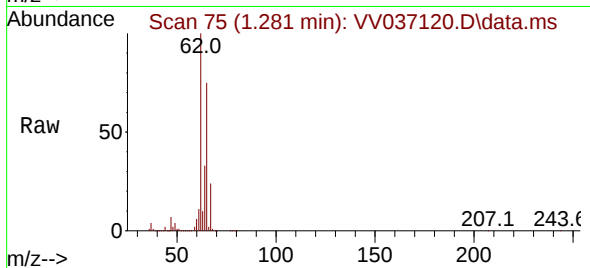
Tgt Ion: 50 Resp: 267308
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.5 41.9



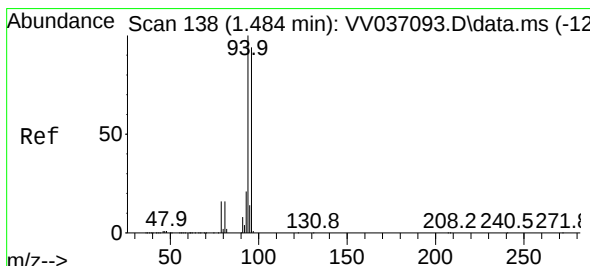
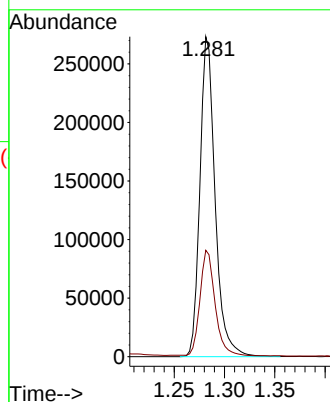
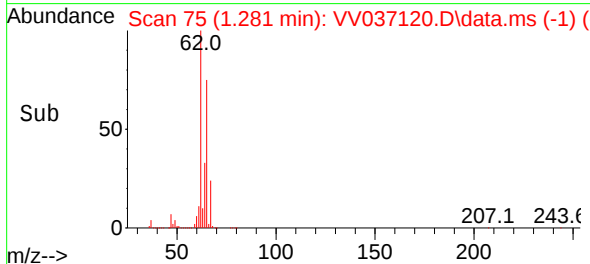


#5
 Vinyl chloride
 Concen: 51.681 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037120.D
 Acq: 28 Aug 2024 08:08

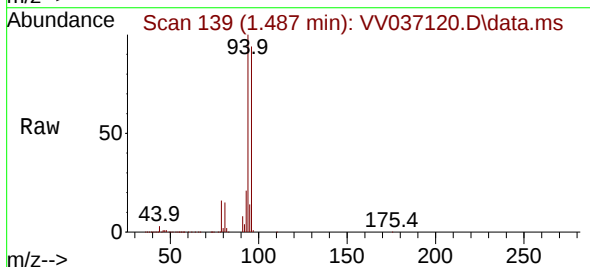
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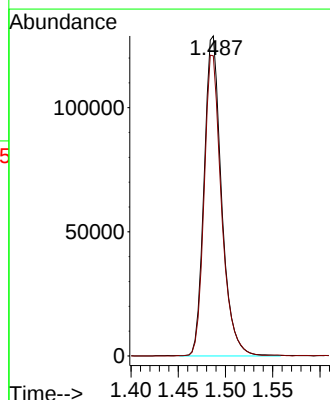
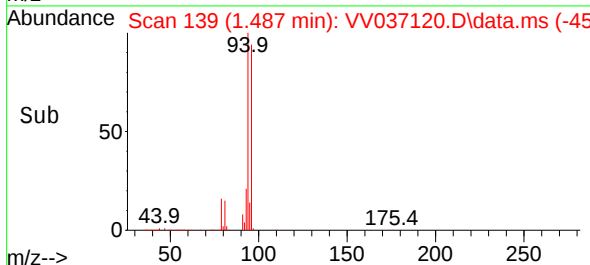
Tgt Ion: 62 Resp: 287313
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.8 42.4

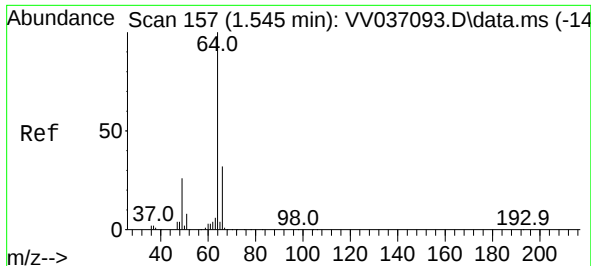


#6
 Bromomethane
 Concen: 53.141 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV037120.D
 Acq: 28 Aug 2024 08:08



Tgt Ion: 94 Resp: 165539
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.6 121.8

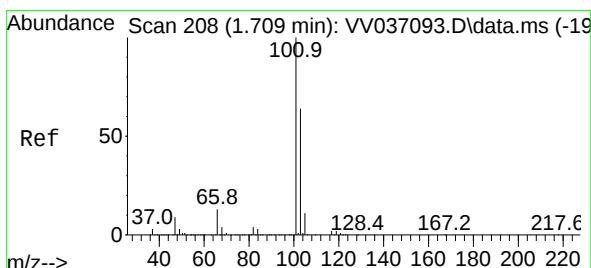
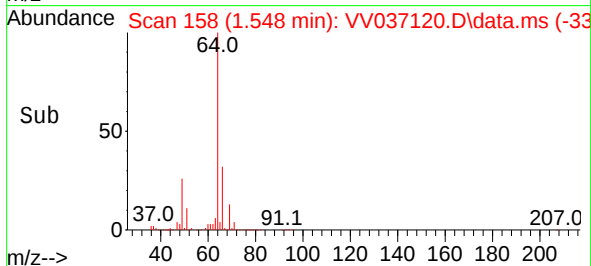
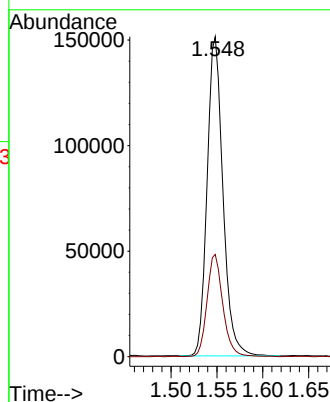
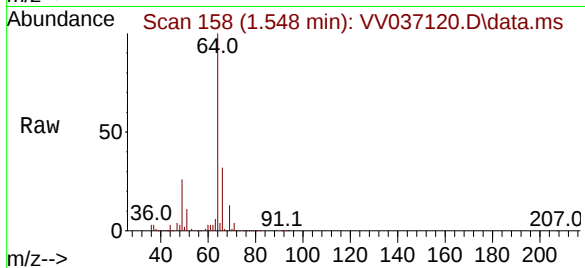




#8
Chloroethane
Concen: 53.324 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

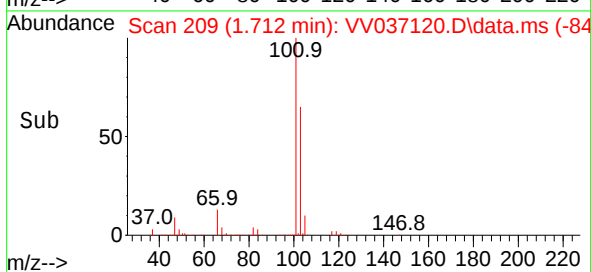
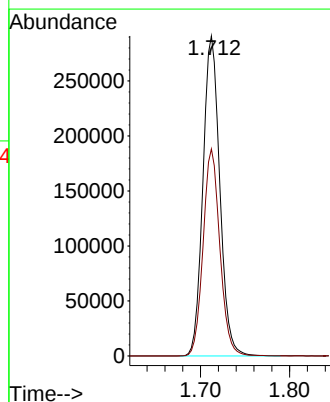
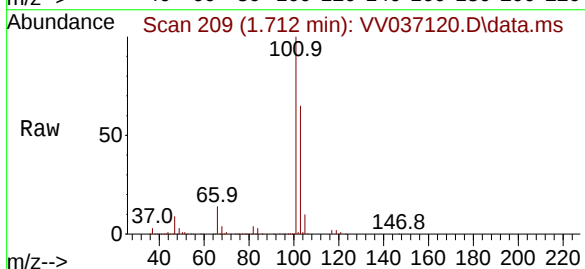
Instrument :
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ClientSampleId :

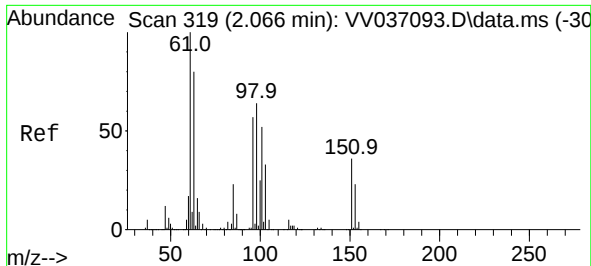
Tgt Ion: 64 Resp: 181326
Ion Ratio Lower Upper
64 100
66 32.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 52.740 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion:101 Resp: 382622
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

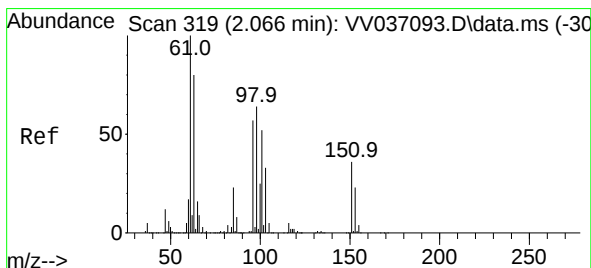
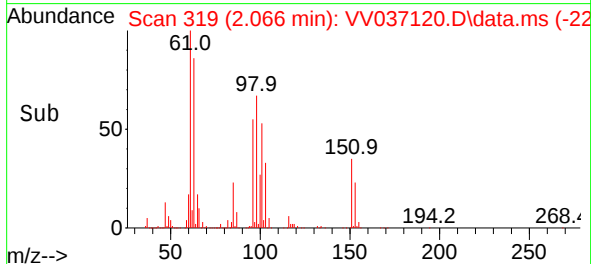
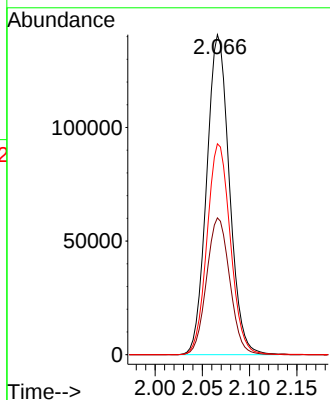
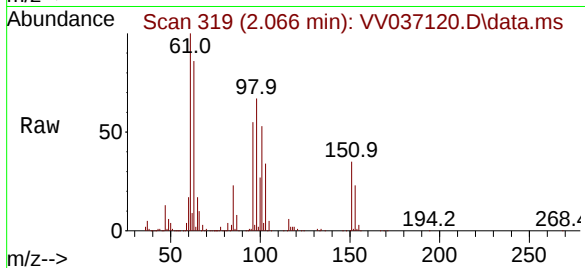




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.613 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

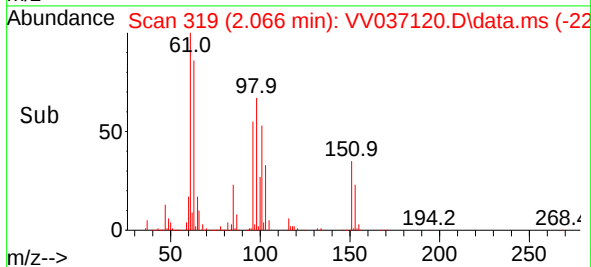
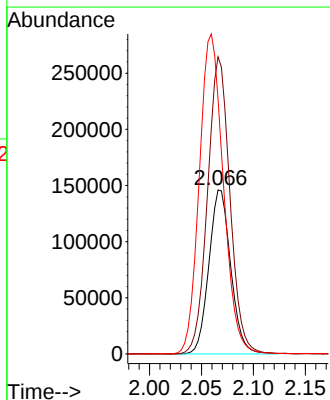
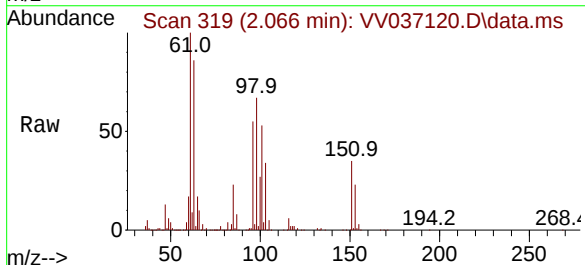
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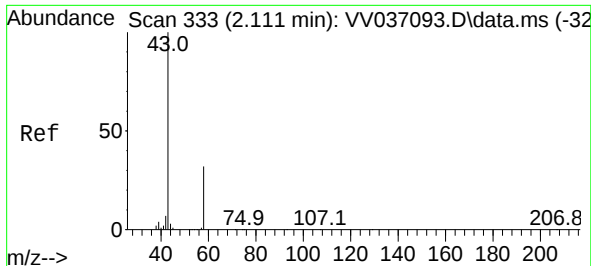
Tgt Ion:101 Resp: 235659
Ion Ratio Lower Upper
101 100
85 43.6 35.6 53.4
151 67.7 55.0 82.4



#12
1,1-Dichloroethene
Concen: 52.601 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion: 96 Resp: 213841
Ion Ratio Lower Upper
96 100
61 181.1 123.8 229.8
63 155.5 96.5 179.1





#13

Acetone

Concen: 104.143 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

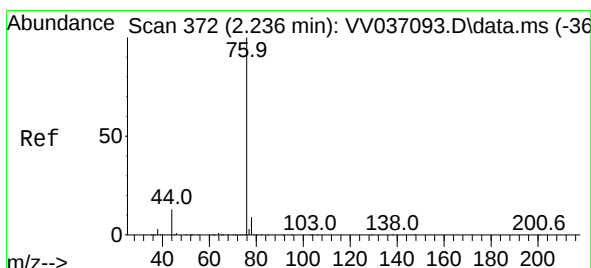
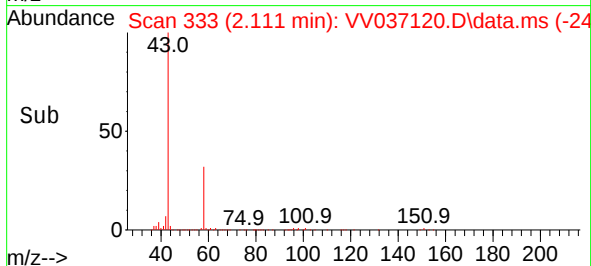
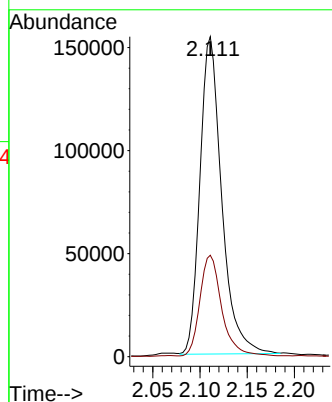
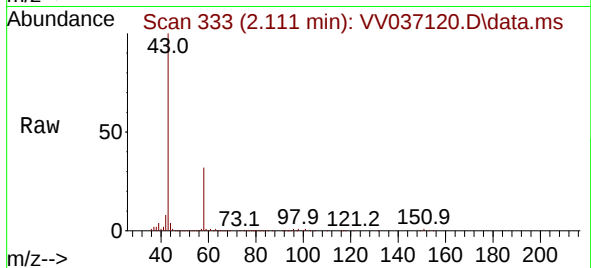
ClientSampleId :

Tgt Ion: 43 Resp: 246546

Ion Ratio Lower Upper

43 100

58 31.8 0.0 64.8



#14

Carbon disulfide

Concen: 50.260 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037120.D

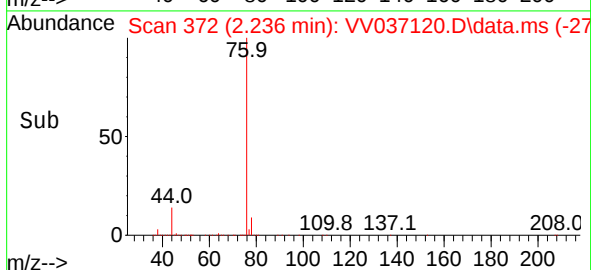
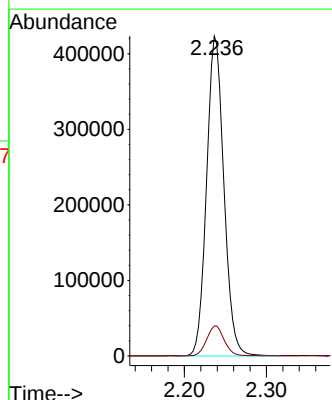
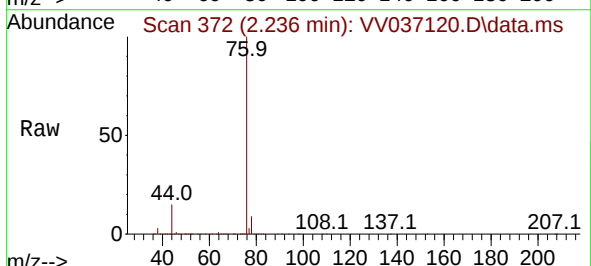
Acq: 28 Aug 2024 08:08

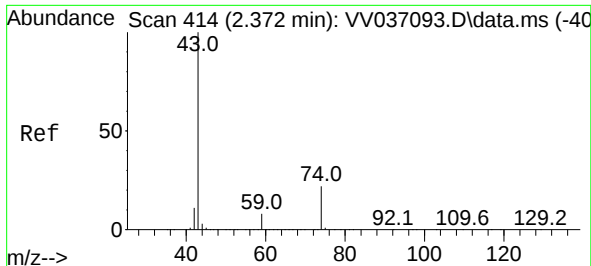
Tgt Ion: 76 Resp: 620291

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 53.775 ug/L

RT: 2.368 min Scan# 414

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

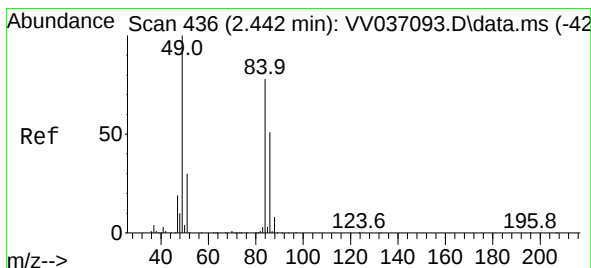
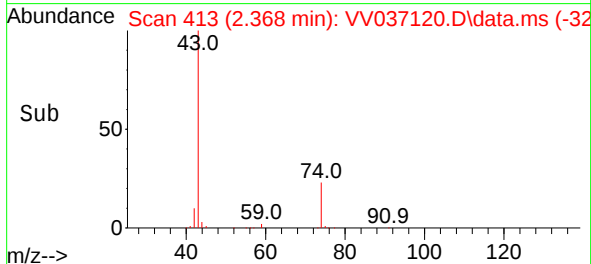
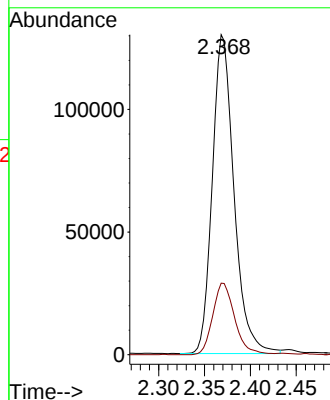
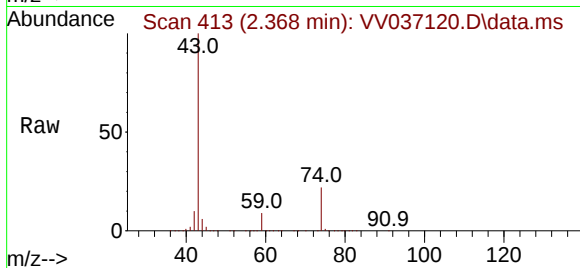
ClientSampleId :

Tgt Ion: 43 Resp: 213429

Ion Ratio Lower Upper

43 100

74 22.8 18.4 27.6



#16

Methylene chloride

Concen: 52.479 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

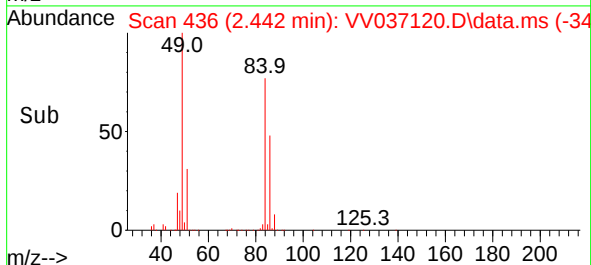
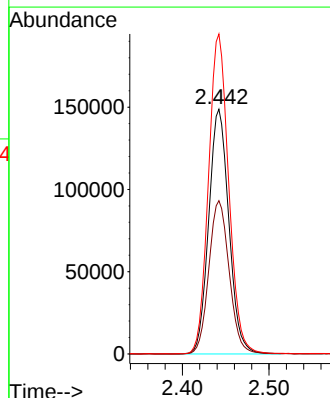
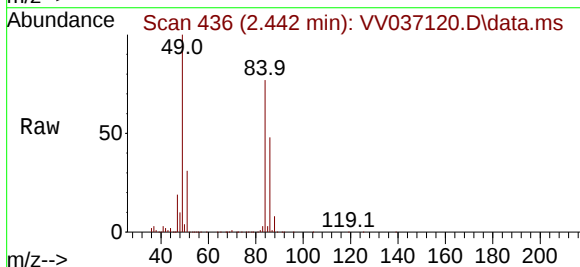
Tgt Ion: 84 Resp: 240710

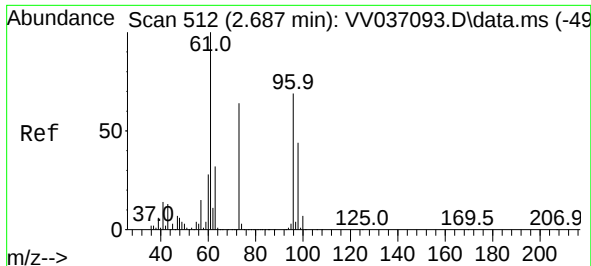
Ion Ratio Lower Upper

84 100

86 62.6 44.7 82.9

49 130.7 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 53.404 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

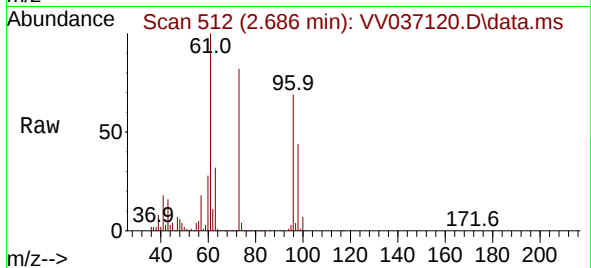
Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

ClientSampleId :



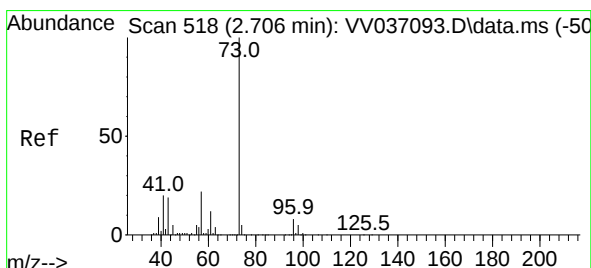
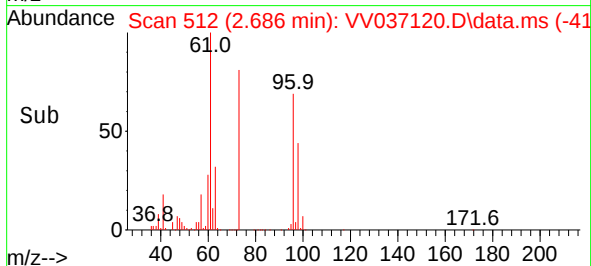
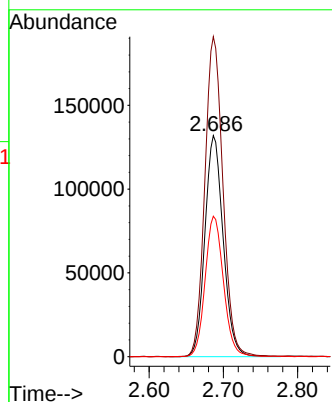
Tgt Ion: 96 Resp: 225382

Ion Ratio Lower Upper

96 100

61 144.7 102.3 189.9

98 63.5 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 53.951 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

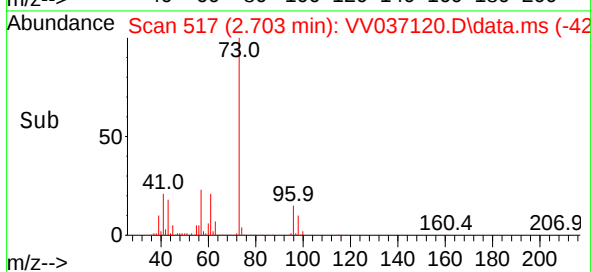
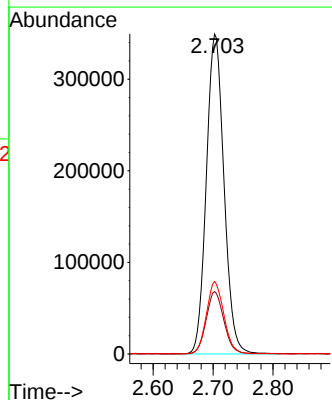
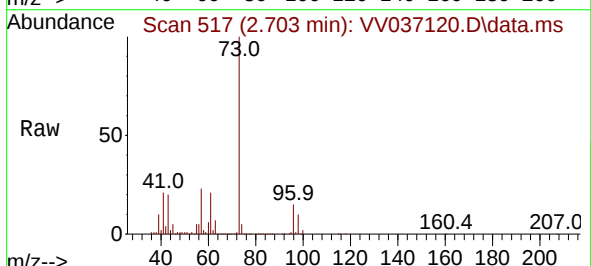
Tgt Ion: 73 Resp: 716252

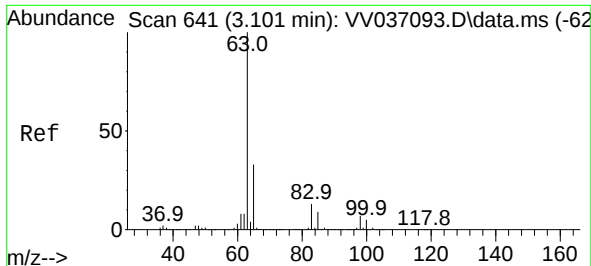
Ion Ratio Lower Upper

73 100

43 19.2 15.8 23.6

57 22.4 18.1 27.1

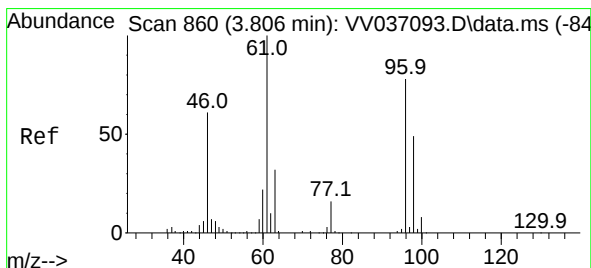
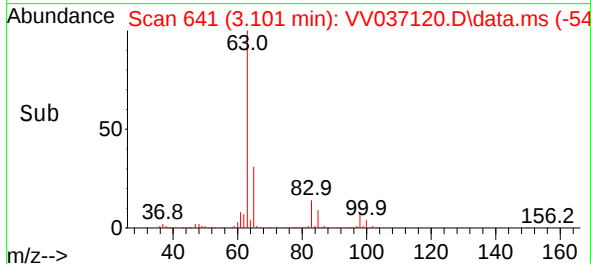
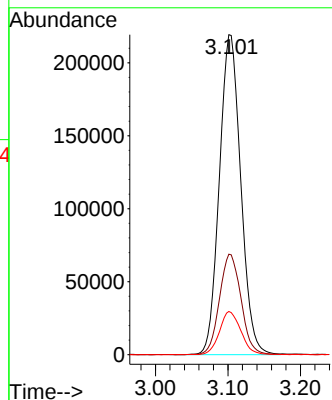
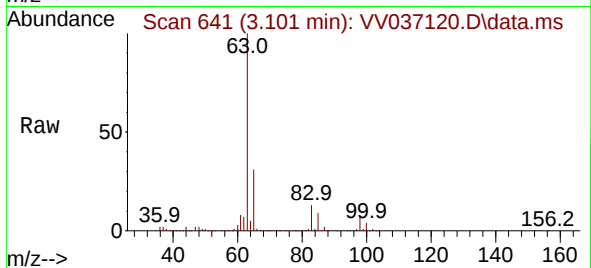




#19
1,1-Dichloroethane
Concen: 53.599 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

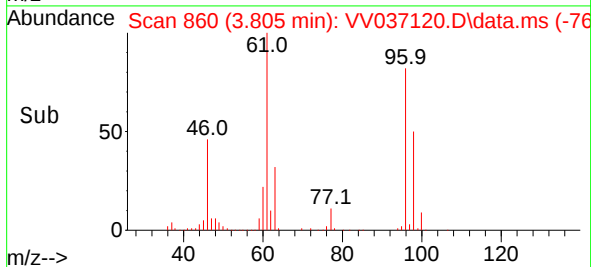
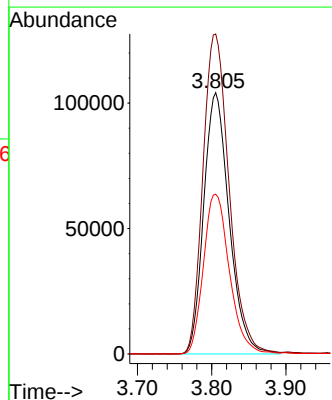
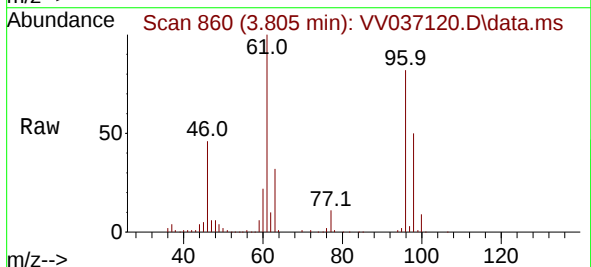
Instrument :
MSVOA_V
ClientSampleId :

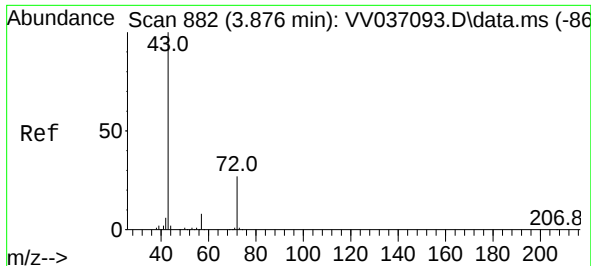
Tgt Ion: 63 Resp: 449227
Ion Ratio Lower Upper
63 100
65 31.4 22.0 41.0
83 13.5 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 53.185 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion: 96 Resp: 248029
Ion Ratio Lower Upper
96 100
61 122.4 89.9 166.9
98 61.1 44.8 83.2

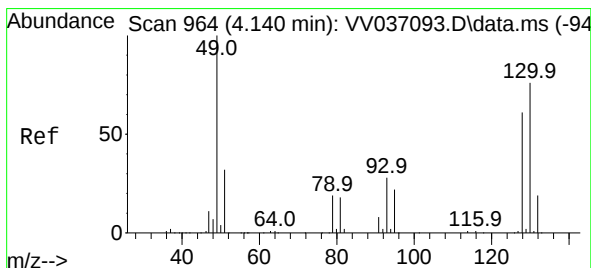
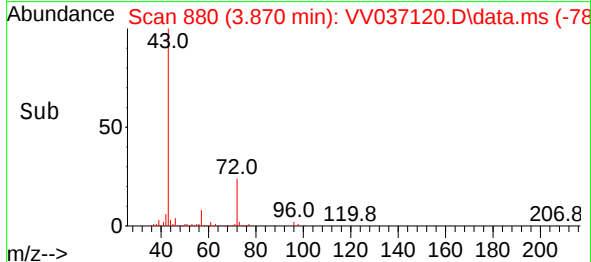
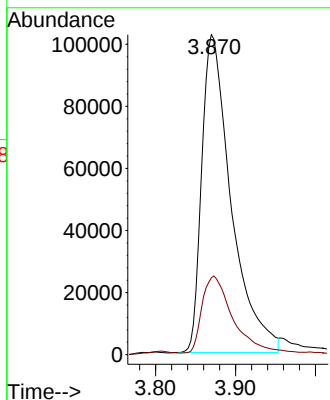
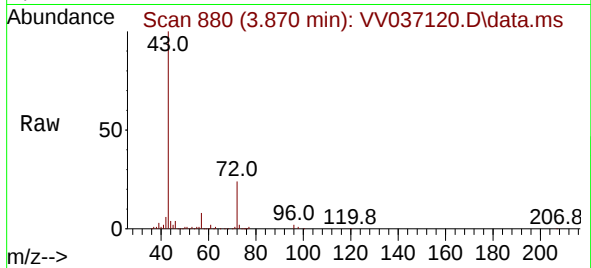




#22
2-Butanone
Concen: 100.649 ug/L
RT: 3.870 min Scan# 882
Delta R.T. -0.007 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

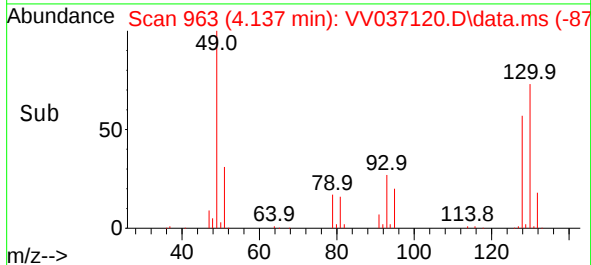
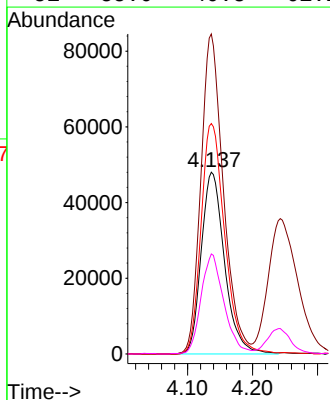
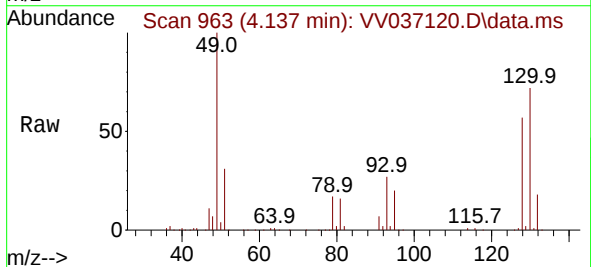
Instrument :
MSVOA_V
ClientSampleId :

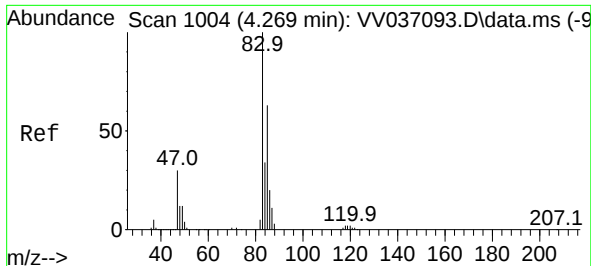
Tgt Ion: 43 Resp: 262343
Ion Ratio Lower Upper
43 100
72 25.8 12.7 38.0



#23
Bromochloromethane
Concen: 52.329 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion:128 Resp: 119793
Ion Ratio Lower Upper
128 100
49 176.1 117.2 217.6
130 126.7 87.6 162.8
51 55.0 40.8 61.2





#25

Chloroform

Concen: 50.689 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

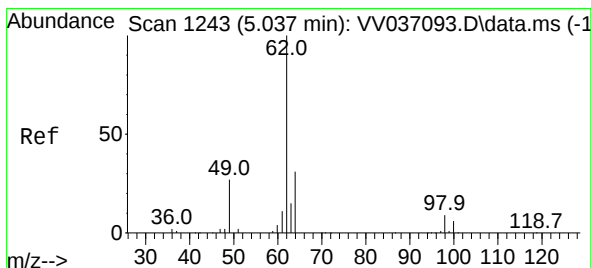
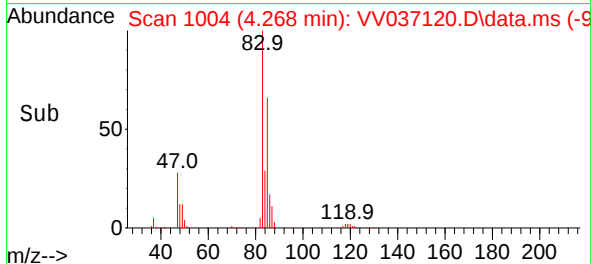
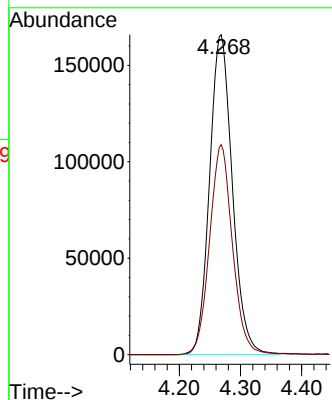
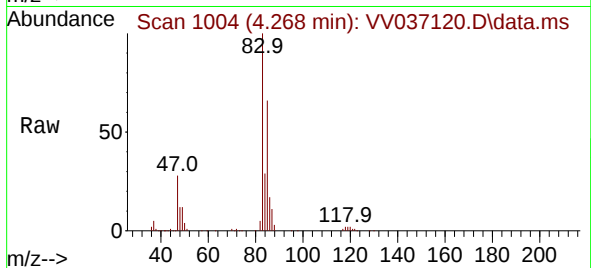
ClientSampleId :

Tgt Ion: 83 Resp: 430255

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 53.226 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037120.D

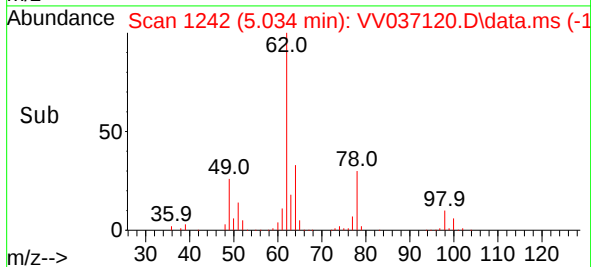
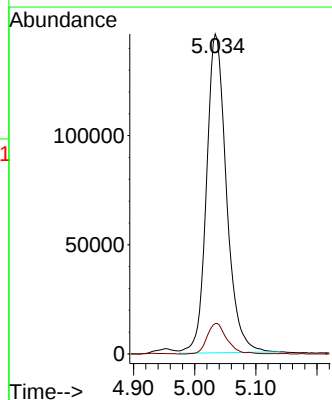
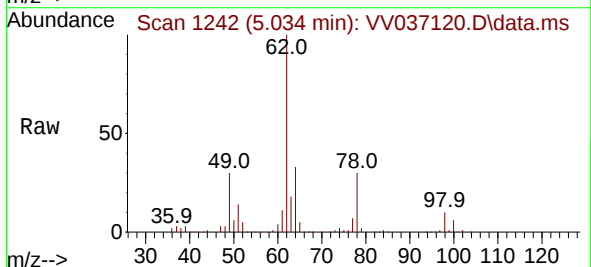
Acq: 28 Aug 2024 08:08

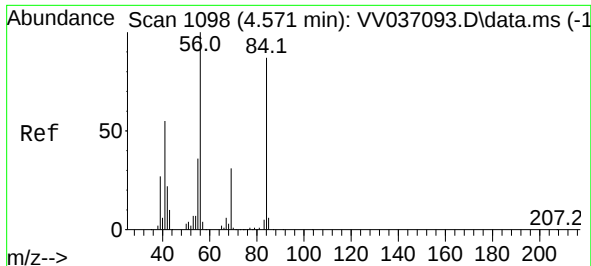
Tgt Ion: 62 Resp: 331404

Ion Ratio Lower Upper

62 100

98 9.5 8.0 12.0





#29

Cyclohexane

Concen: 51.625 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

ClientSampleId :

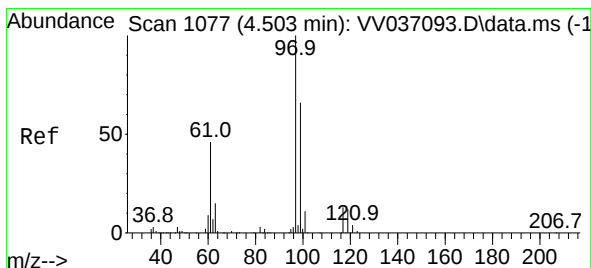
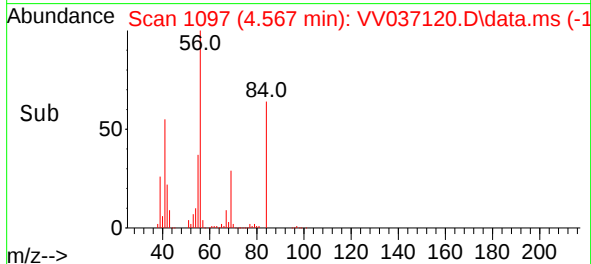
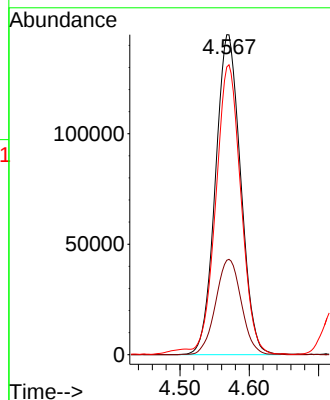
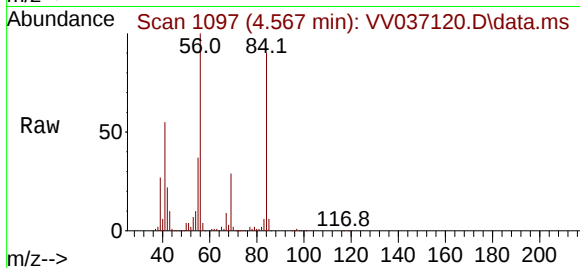
Tgt Ion: 56 Resp: 366472

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 89.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.114 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

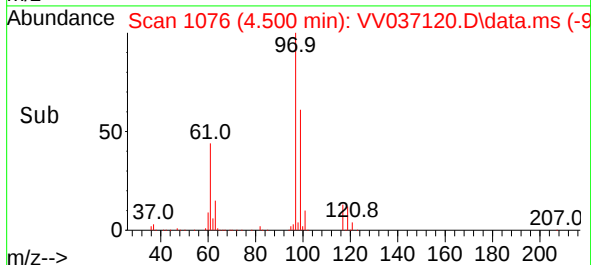
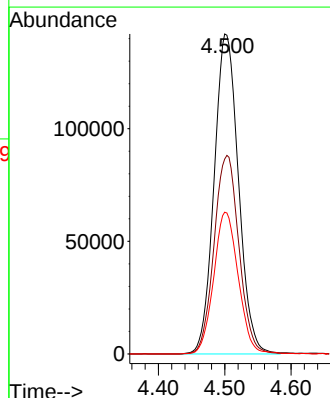
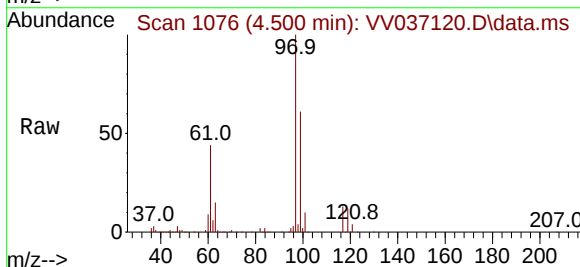
Tgt Ion: 97 Resp: 362032

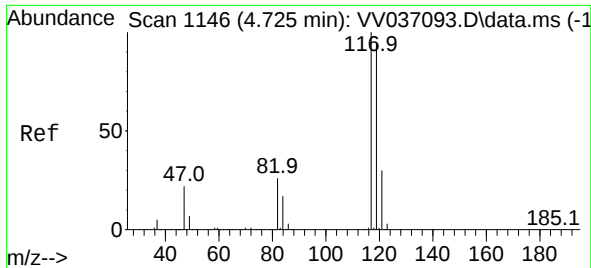
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

61 44.8 35.8 53.6

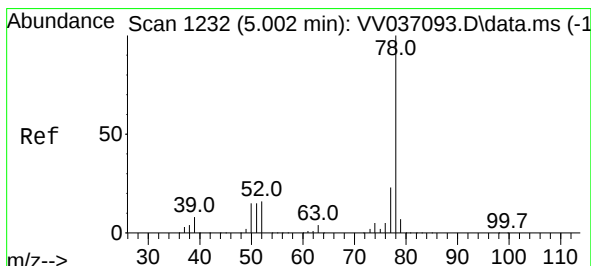
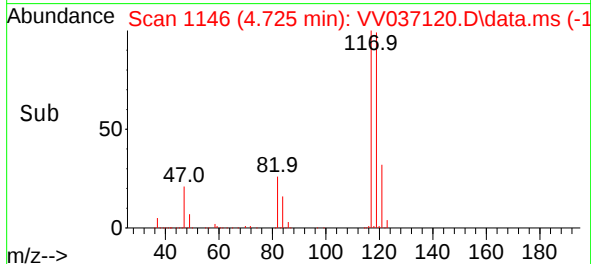
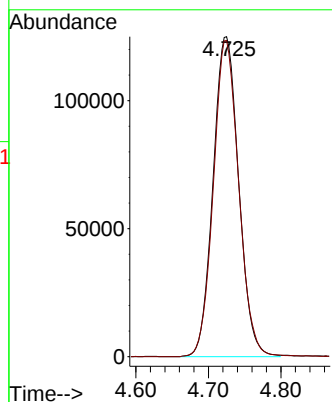
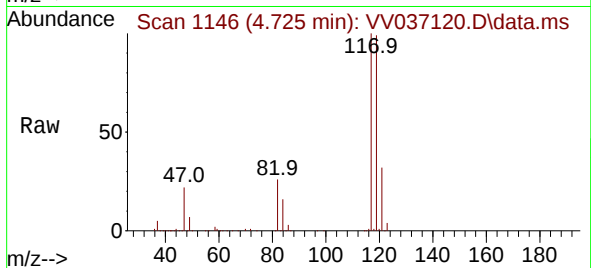




#31
Carbon tetrachloride
Concen: 52.377 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

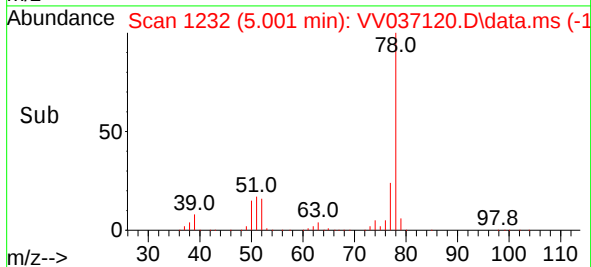
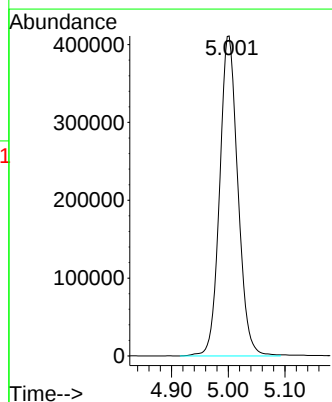
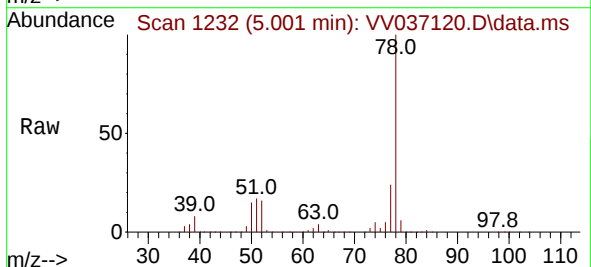
Instrument :
MSVOA_V
ClientSampleId :

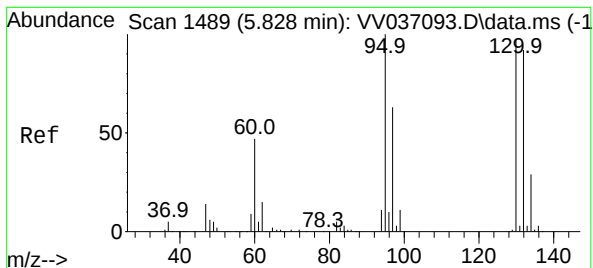
Tgt Ion:117 Resp: 307027
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6



#33
Benzene
Concen: 52.664 ug/L
RT: 5.001 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion: 78 Resp: 917601





#34

Trichloroethene

Concen: 53.037 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 243913

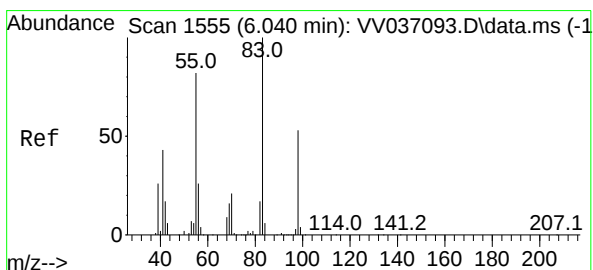
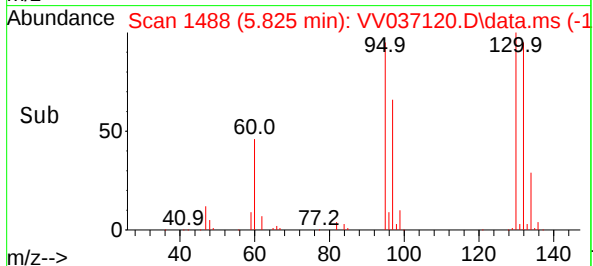
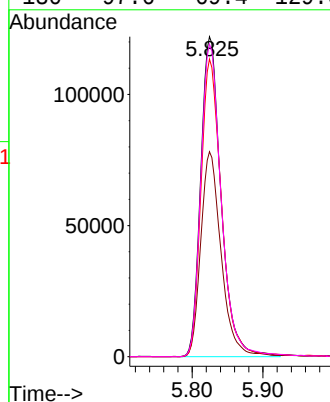
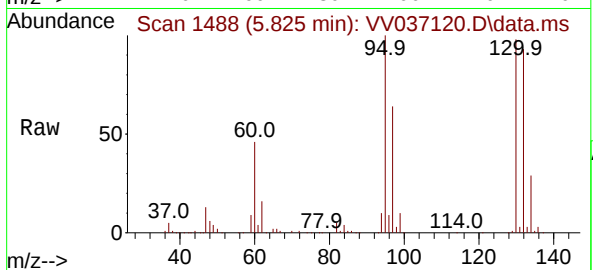
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.5

132 93.0 64.9 120.5

130 97.6 69.4 129.0



#35

Methylcyclohexane

Concen: 52.411 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

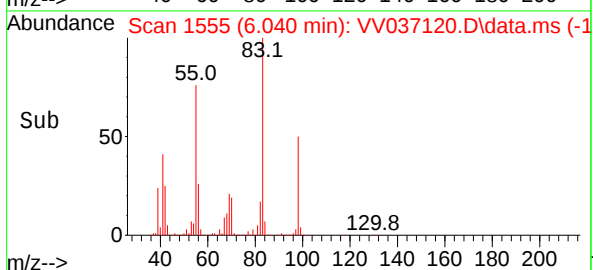
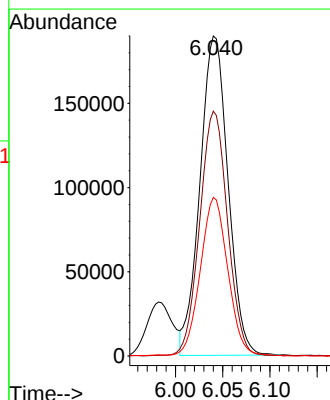
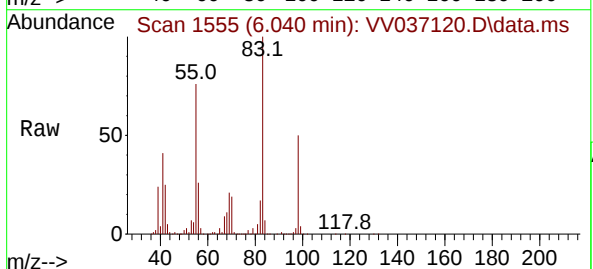
Tgt Ion: 83 Resp: 391615

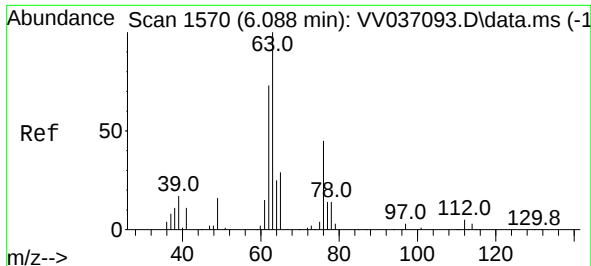
Ion Ratio Lower Upper

83 100

55 76.3 61.2 91.8

98 48.8 39.3 58.9

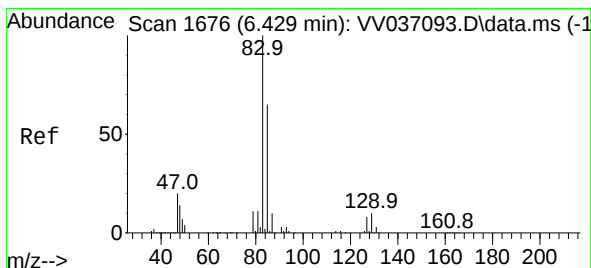
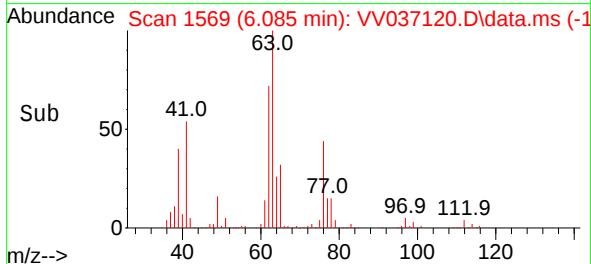
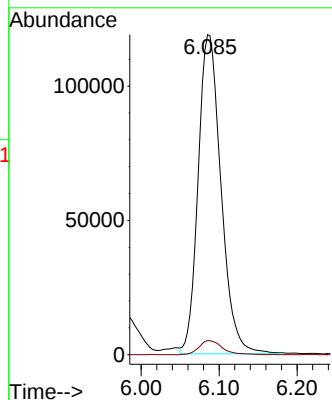
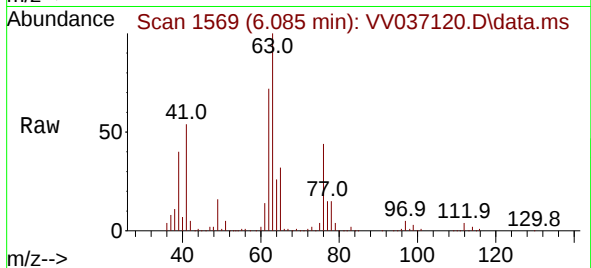




#37
1,2-Dichloropropane
Concen: 51.945 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

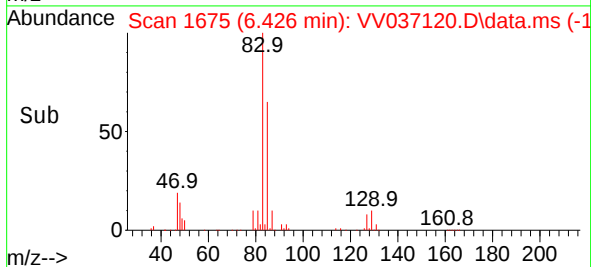
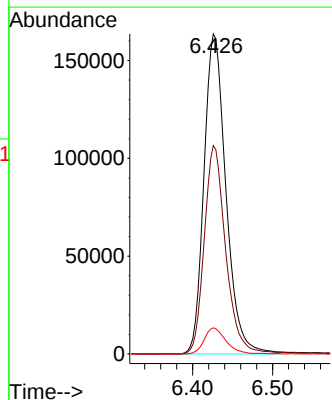
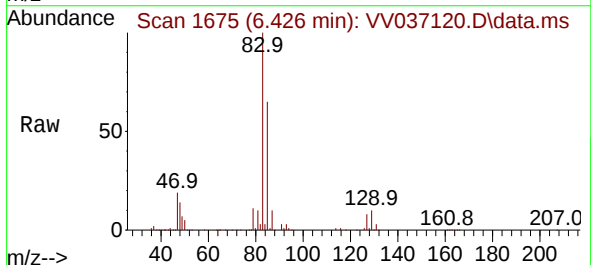
Instrument :
MSVOA_V
ClientSampleId :

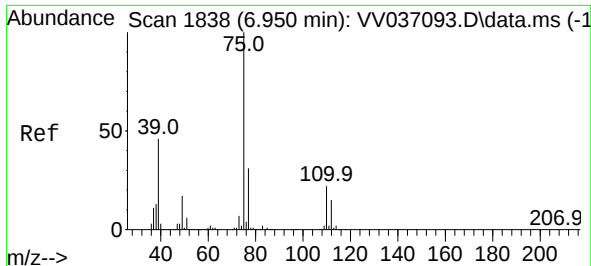
Tgt Ion: 63 Resp: 242641
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 52.371 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion: 83 Resp: 313542
Ion Ratio Lower Upper
83 100
85 65.1 44.5 82.7
127 8.1 6.1 9.1

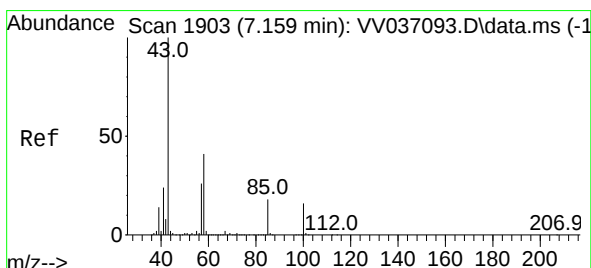
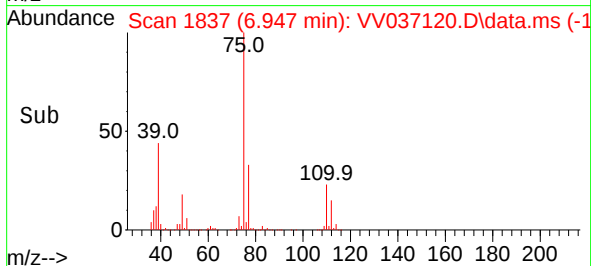
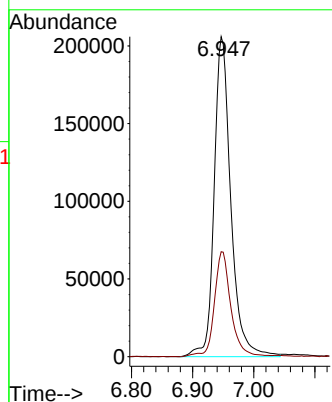
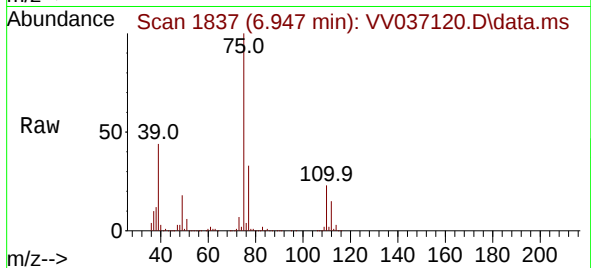




#39
cis-1,3-Dichloropropene
Concen: 52.988 ug/L
RT: 6.947 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

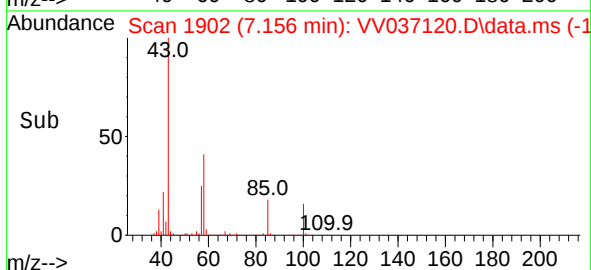
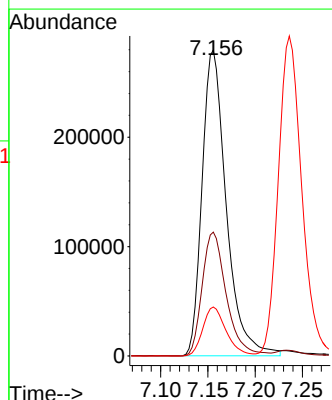
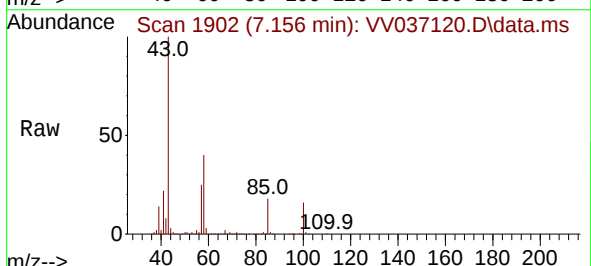
Instrument :
MSVOA_V
ClientSampleId :

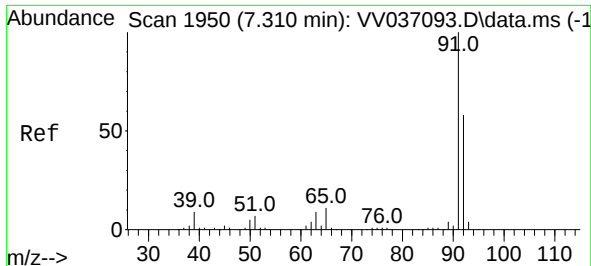
Tgt Ion: 75 Resp: 390603
Ion Ratio Lower Upper
75 100
77 32.8 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 104.886 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion: 43 Resp: 498094
Ion Ratio Lower Upper
43 100
58 40.5 32.0 48.0
100 15.5 12.4 18.6





#42

Toluene

Concen: 53.918 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

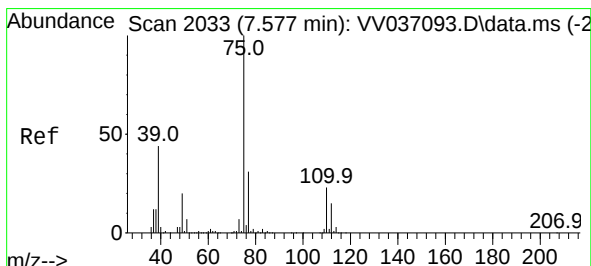
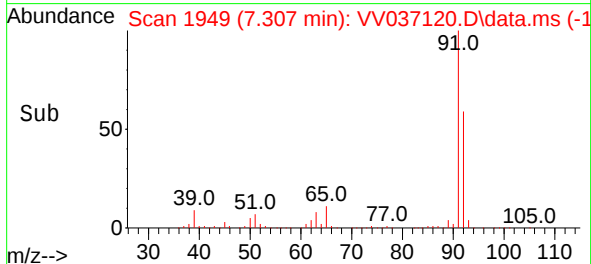
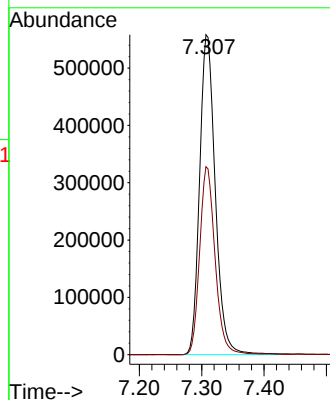
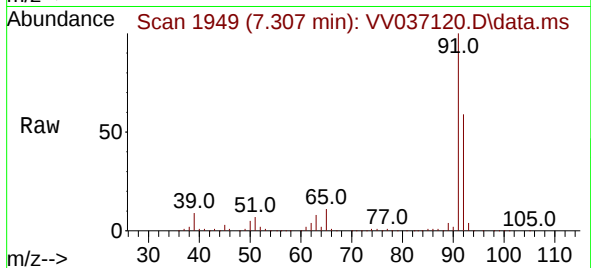
ClientSampleId :

Tgt Ion: 91 Resp: 978139

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 53.263 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV037120.D

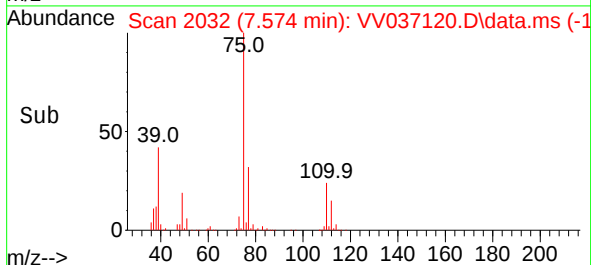
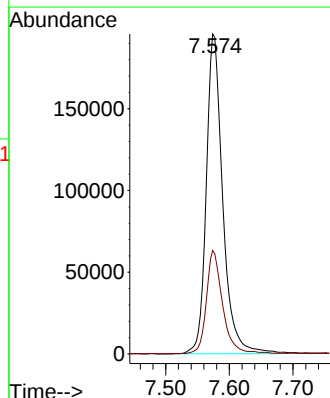
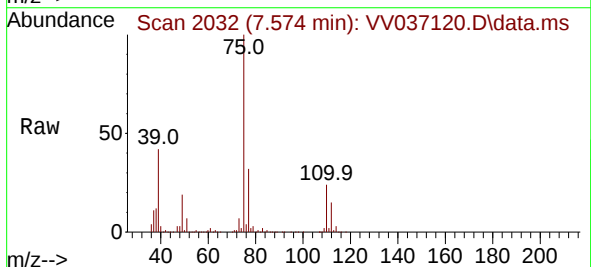
Acq: 28 Aug 2024 08:08

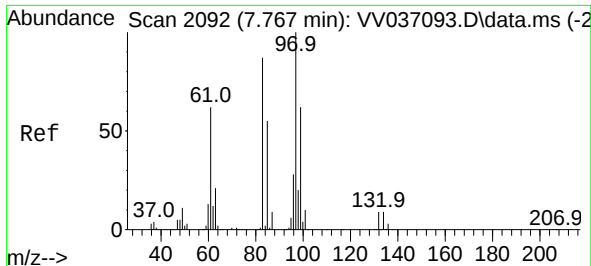
Tgt Ion: 75 Resp: 350942

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.540 ug/L

RT: 7.763 min Scan# 2092

Delta R.T. -0.003 min

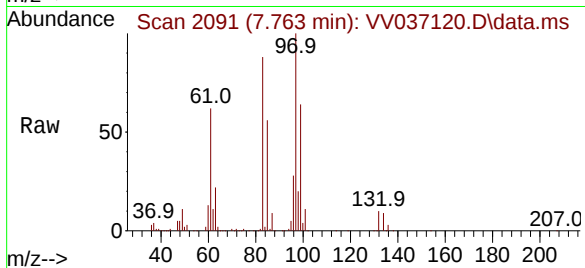
Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 228461

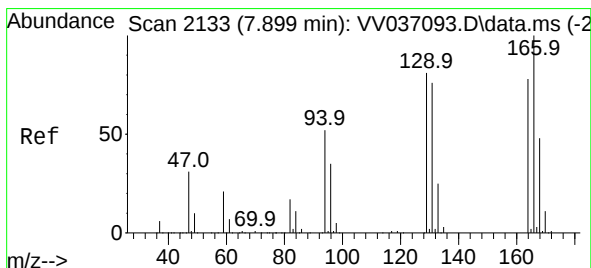
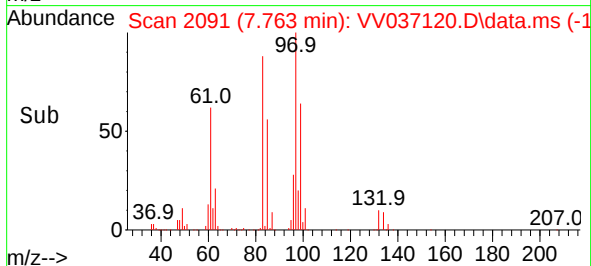
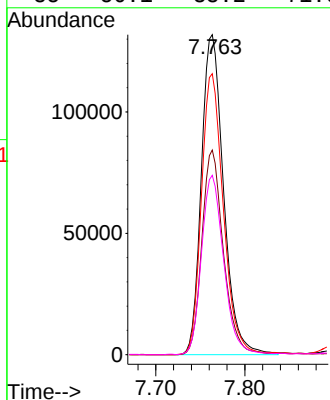
Ion Ratio Lower Upper

97 100

99 63.9 42.6 79.0

83 87.8 60.5 112.3

85 56.1 38.2 71.0



#46

Tetrachloroethene

Concen: 53.424 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Tgt Ion: 164 Resp: 176284

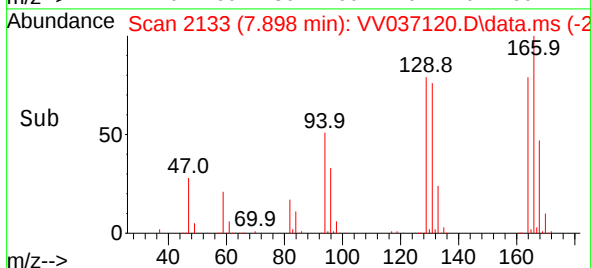
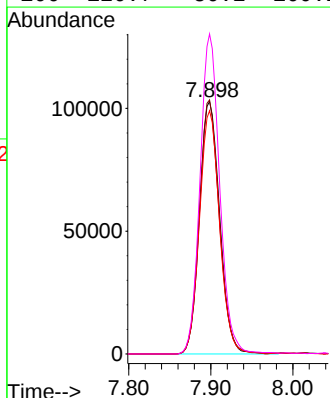
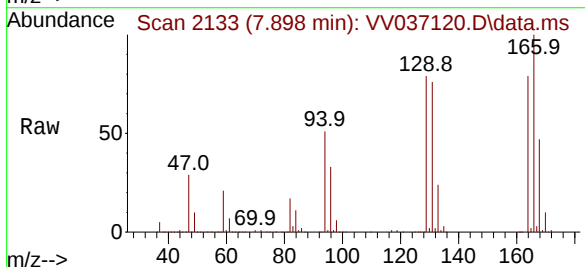
Ion Ratio Lower Upper

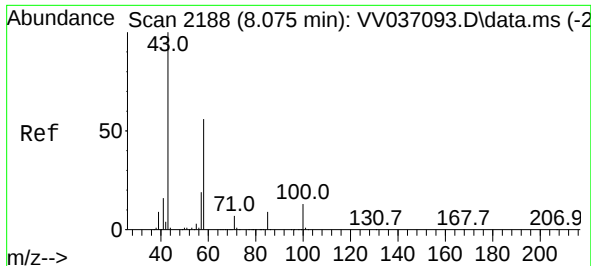
164 100

129 100.6 67.1 124.7

131 96.3 67.0 124.4

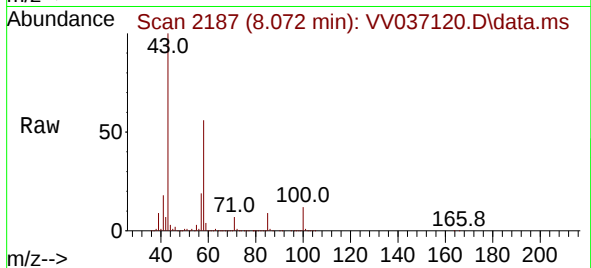
166 126.7 86.2 160.2



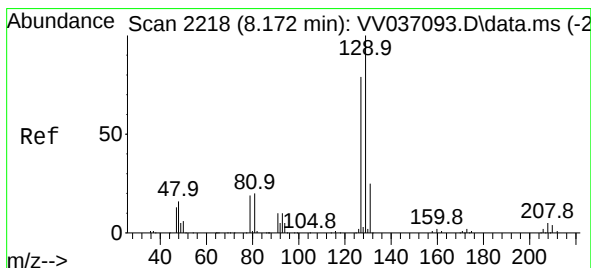
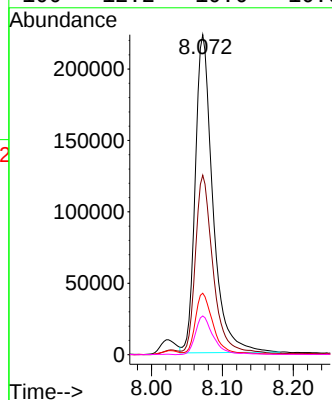
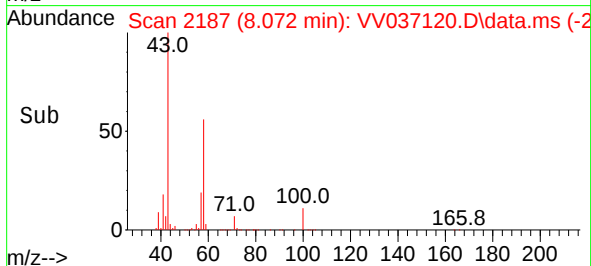


#48
2-Hexanone
Concen: 104.766 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Instrument :
MSVOA_V
ClientSampleId :

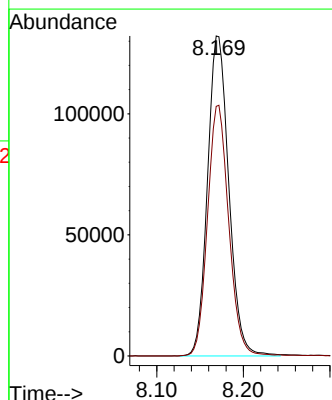
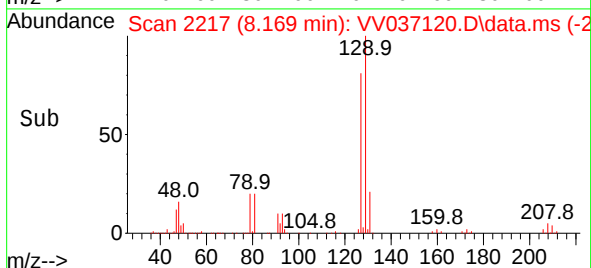
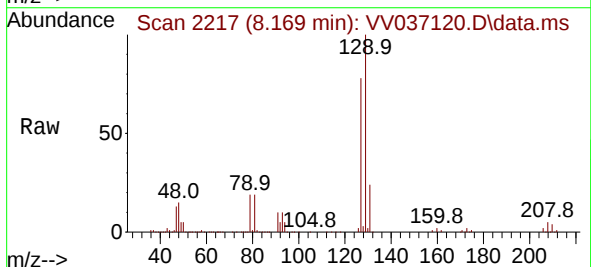


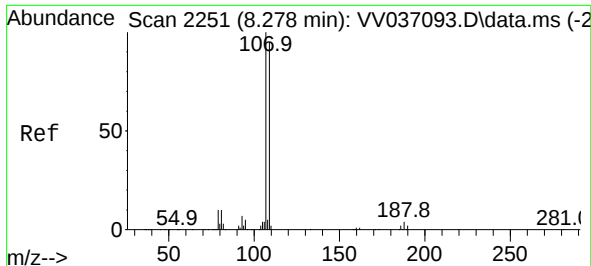
Tgt Ion: 43 Resp: 384775
Ion Ratio Lower Upper
43 100
58 56.8 46.0 69.0
57 18.0 15.6 23.4
100 12.2 10.6 16.0



#49
Dibromochloromethane
Concen: 51.915 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion:129 Resp: 226042
Ion Ratio Lower Upper
129 100
127 78.0 54.7 101.7

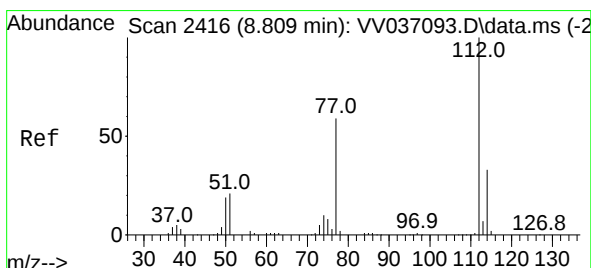
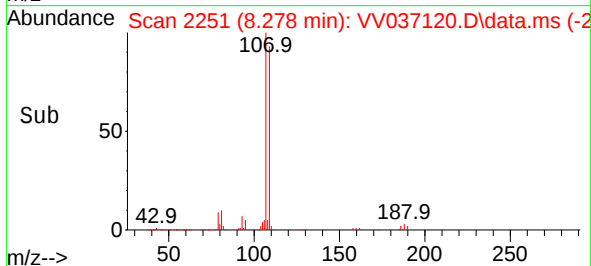
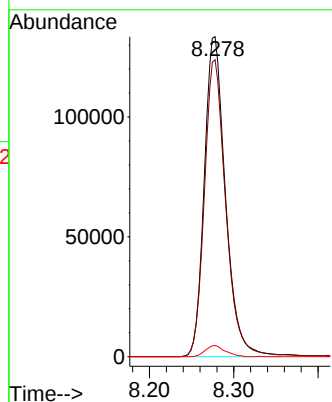
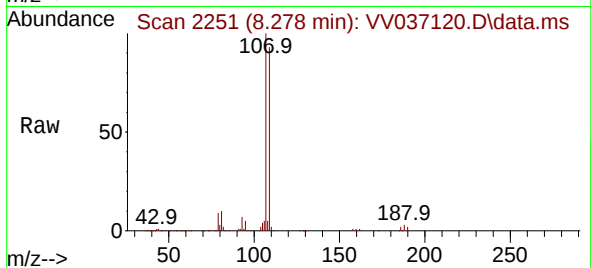




#50
1,2-Dibromoethane
Concen: 53.194 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

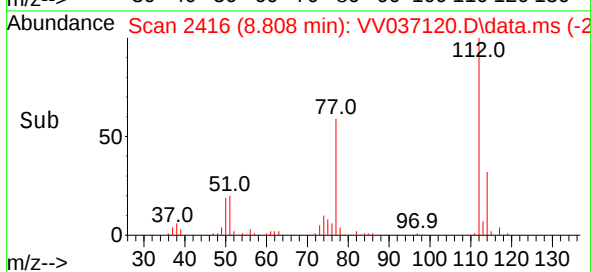
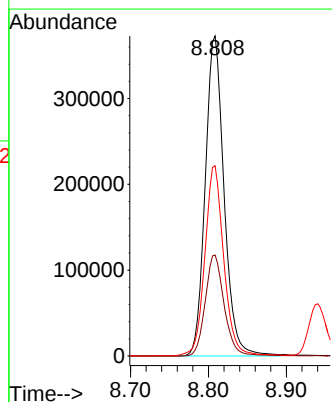
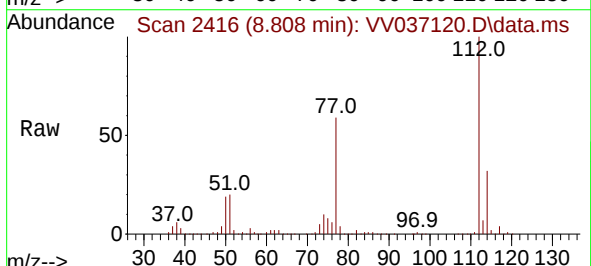
Instrument :
MSVOA_V
ClientSampleId :

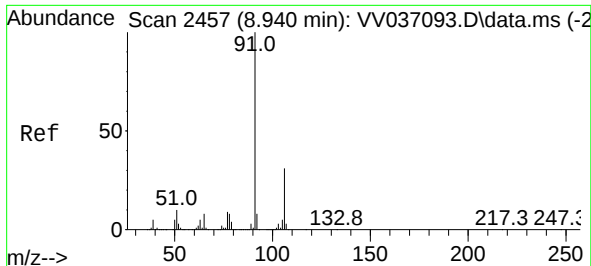
Tgt Ion:107 Resp: 234062
Ion Ratio Lower Upper
107 100
109 92.8 66.6 123.6
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 52.128 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion:112 Resp: 626071
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 59.4 47.8 71.8





#52

Ethylbenzene

Concen: 53.826 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

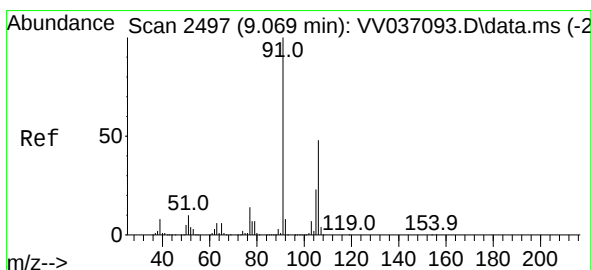
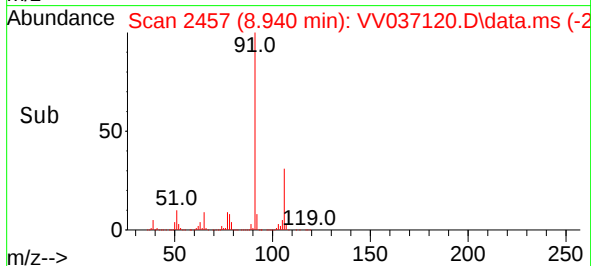
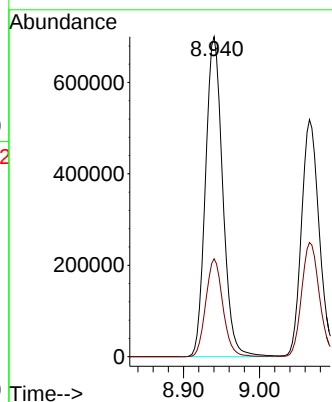
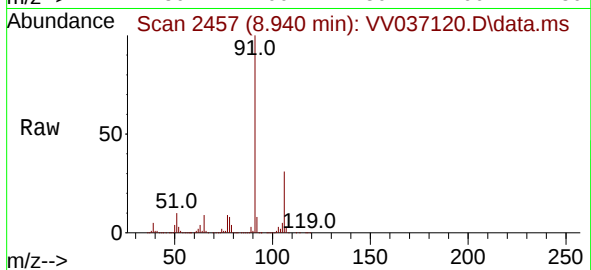
ClientSampleId :

Tgt Ion: 91 Resp: 1102973

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 53.713 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.003 min

Lab File: VV037120.D

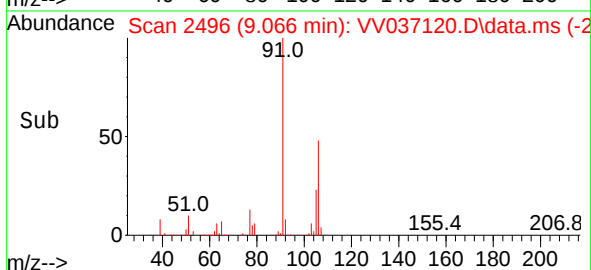
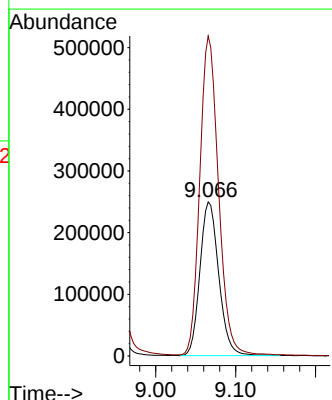
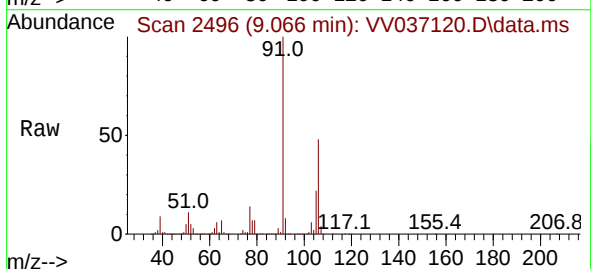
Acq: 28 Aug 2024 08:08

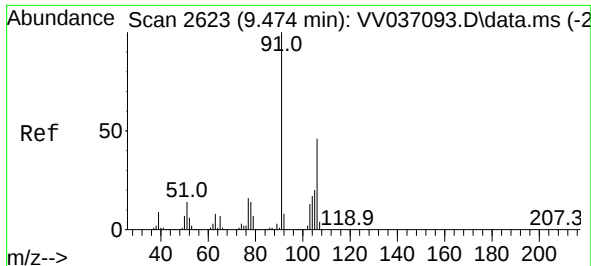
Tgt Ion:106 Resp: 407803

Ion Ratio Lower Upper

106 100

91 207.7 143.0 265.6





#54

o-Xylene

Concen: 53.275 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

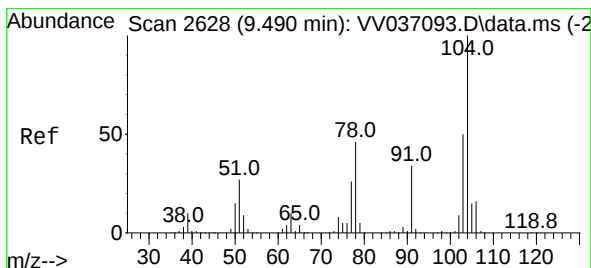
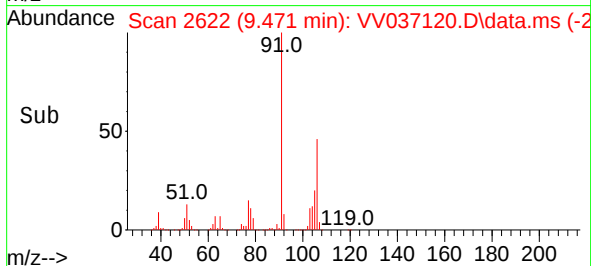
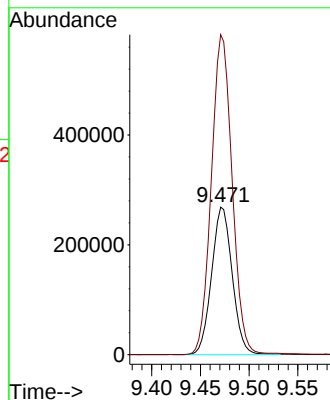
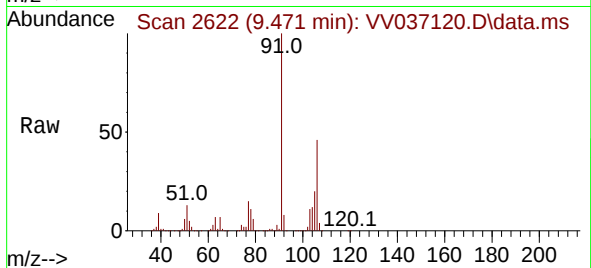
ClientSampleId :

Tgt Ion:106 Resp: 396031

Ion Ratio Lower Upper

106 100

91 217.0 153.2 284.6



#55

Styrene

Concen: 54.156 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV037120.D

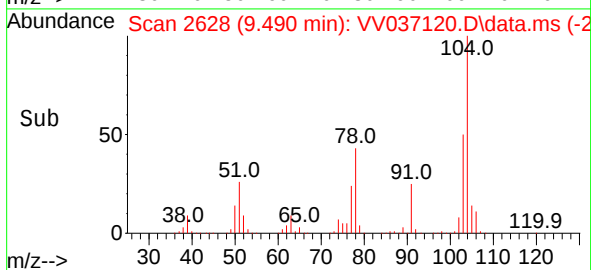
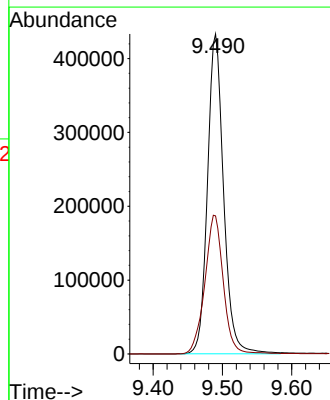
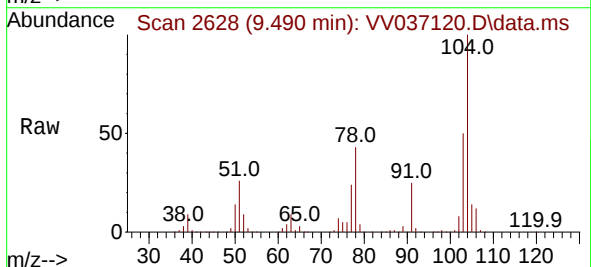
Acq: 28 Aug 2024 08:08

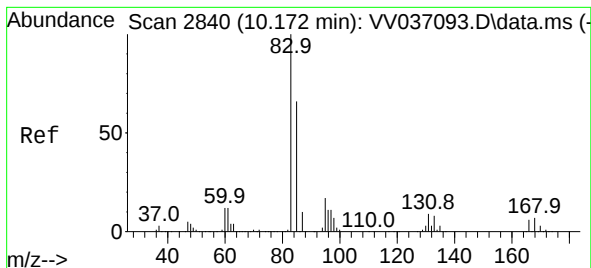
Tgt Ion:104 Resp: 698542

Ion Ratio Lower Upper

104 100

78 43.1 30.9 57.5

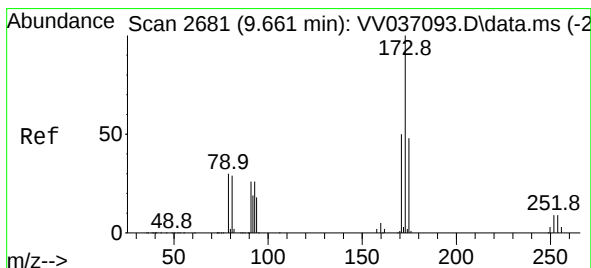
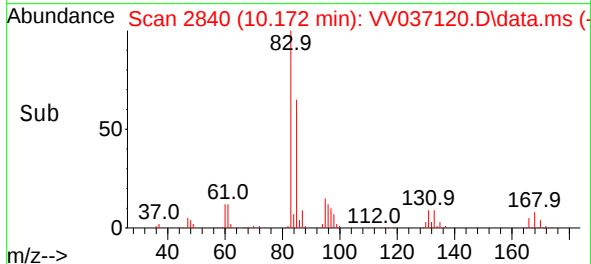
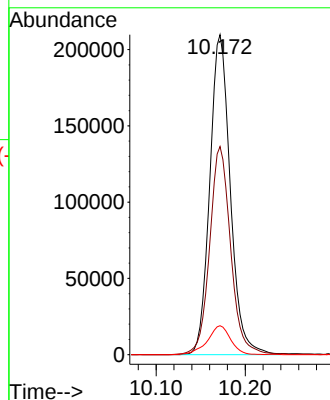
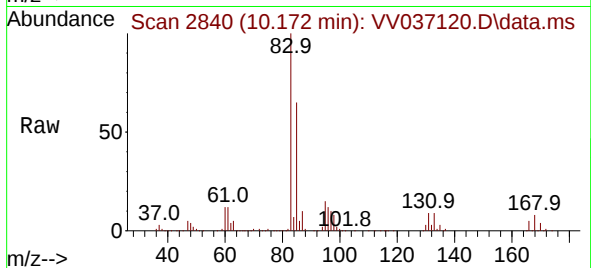




#57
1,1,2,2-Tetrachloroethane
Concen: 52.099 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

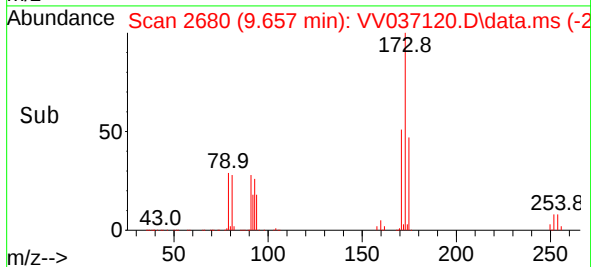
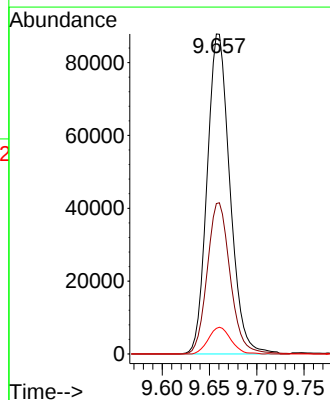
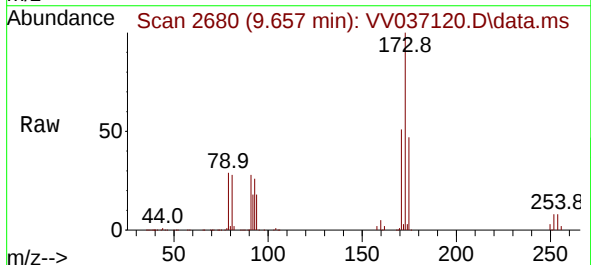
Instrument :
MSVOA_V
ClientSampleId :

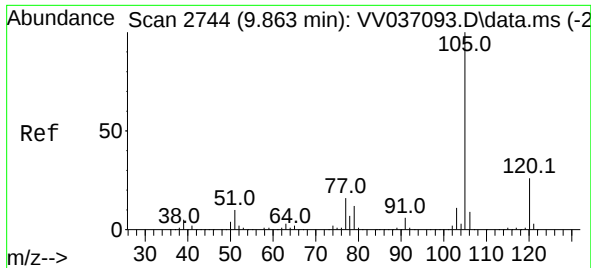
Tgt Ion: 83 Resp: 335519
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7
131 9.1 7.4 11.0



#59
Bromoform
Concen: 51.421 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion: 173 Resp: 147239
Ion Ratio Lower Upper
173 100
175 47.7 38.7 58.1
254 8.3 6.8 10.2

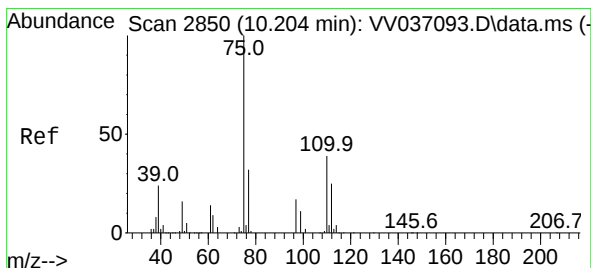
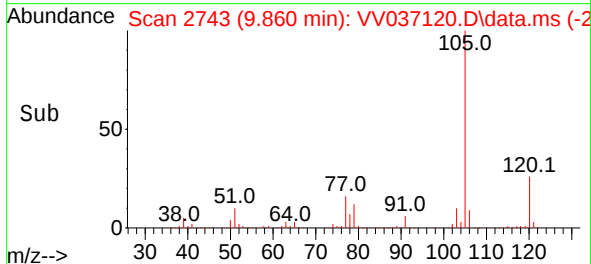
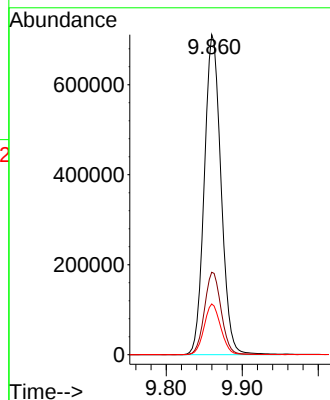
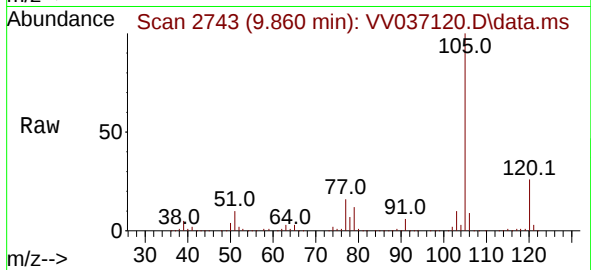




#60
Isopropylbenzene
Concen: 54.508 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

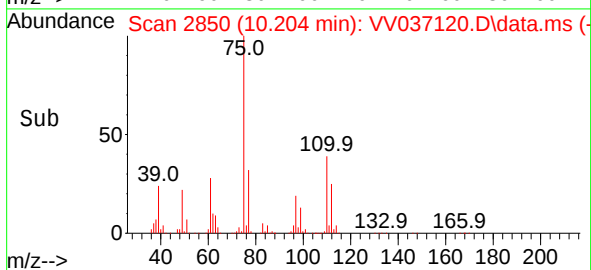
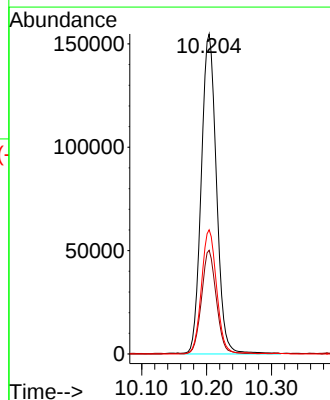
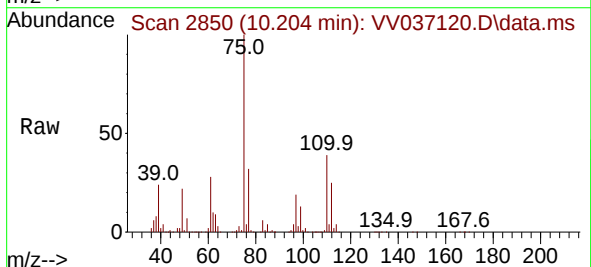
Instrument :
MSVOA_V
ClientSampleId :

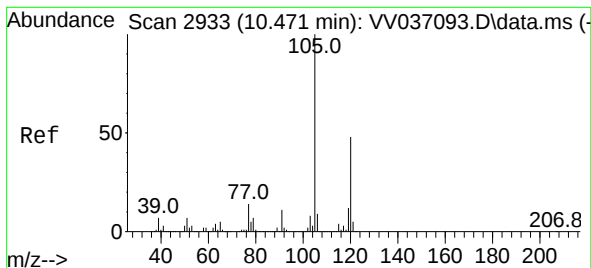
Tgt Ion:105 Resp: 1086625
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 52.760 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037120.D
Acq: 28 Aug 2024 08:08

Tgt Ion: 75 Resp: 252380
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
110 38.5 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 54.624 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

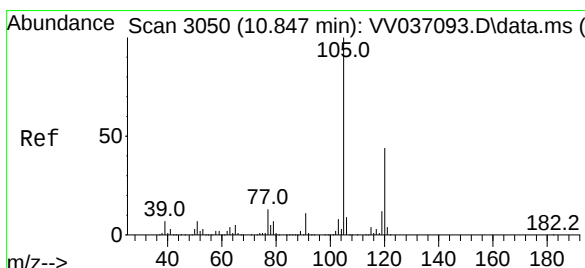
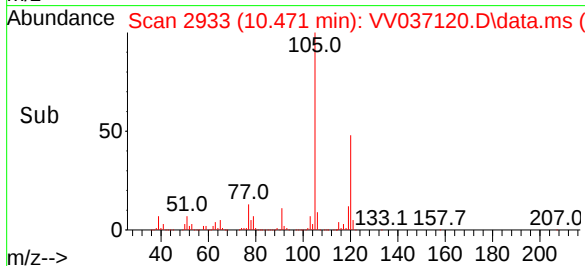
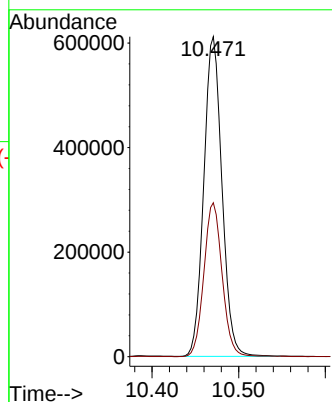
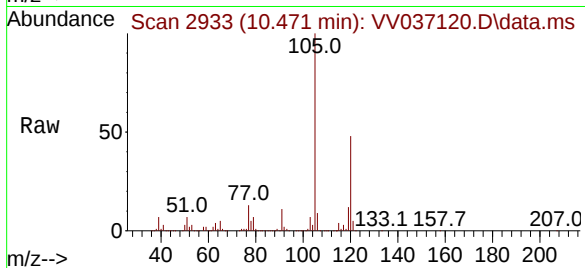
ClientSampleId :

Tgt Ion:105 Resp: 890930

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 54.876 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VV037120.D

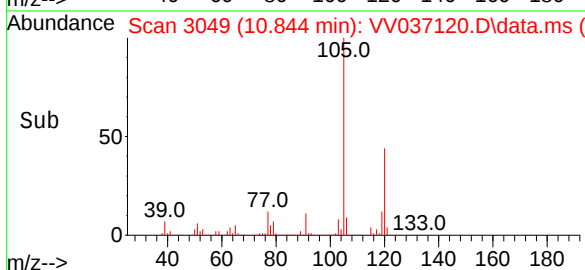
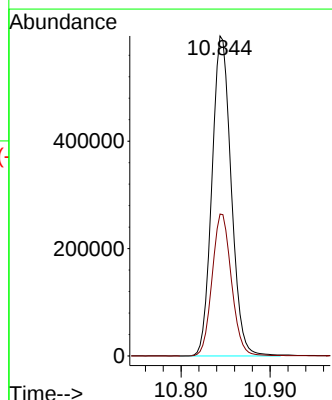
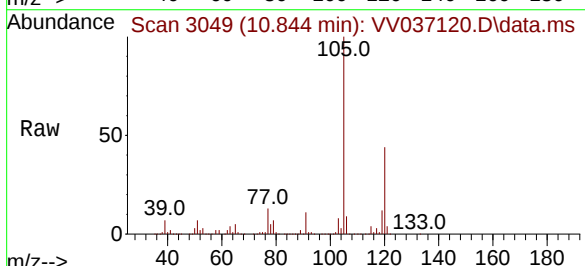
Acq: 28 Aug 2024 08:08

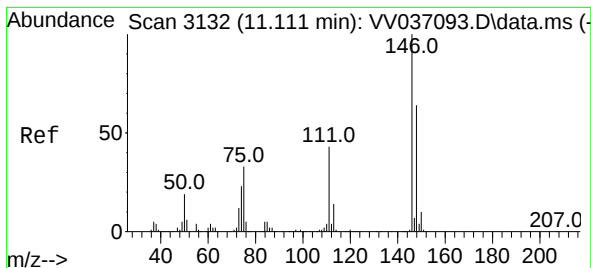
Tgt Ion:105 Resp: 893204

Ion Ratio Lower Upper

105 100

120 44.5 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 52.336 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

ClientSampleId :

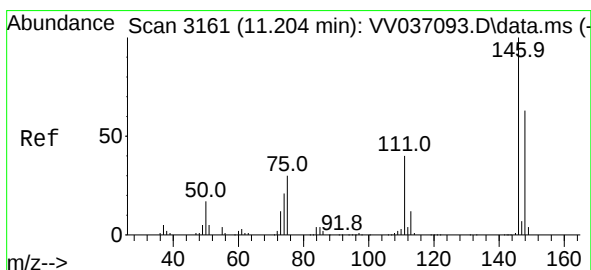
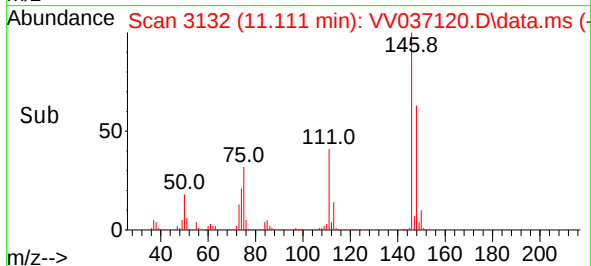
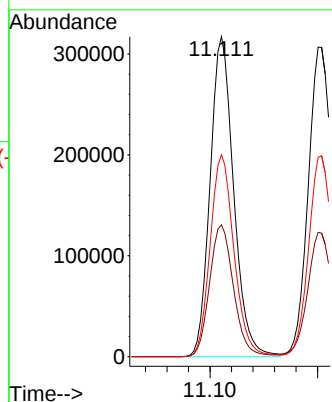
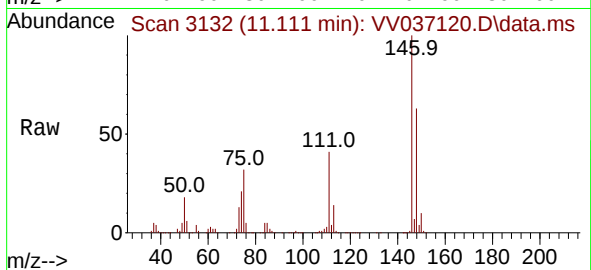
Tgt Ion:146 Resp: 481769

Ion Ratio Lower Upper

146 100

111 41.2 29.7 55.1

148 63.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.316 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

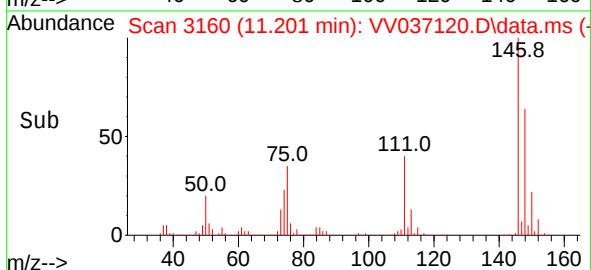
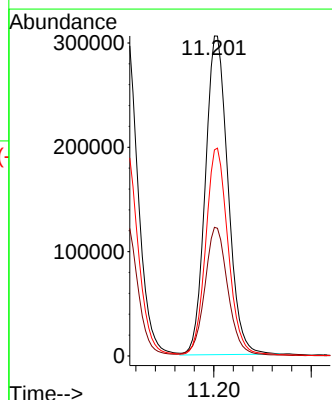
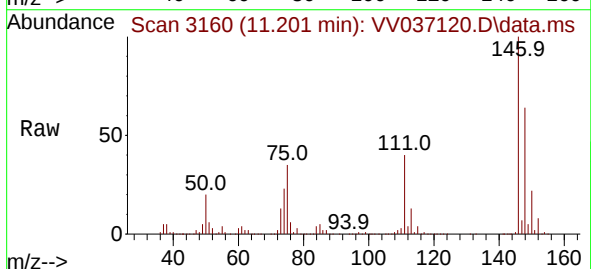
Tgt Ion:146 Resp: 492896

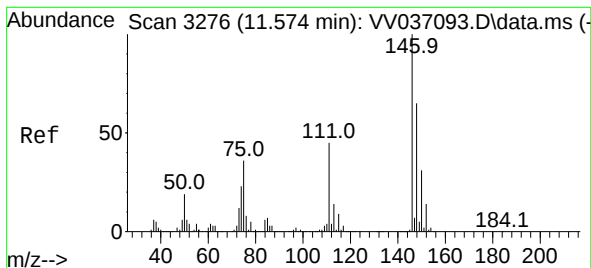
Ion Ratio Lower Upper

146 100

111 40.2 28.1 52.1

148 64.4 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 52.875 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

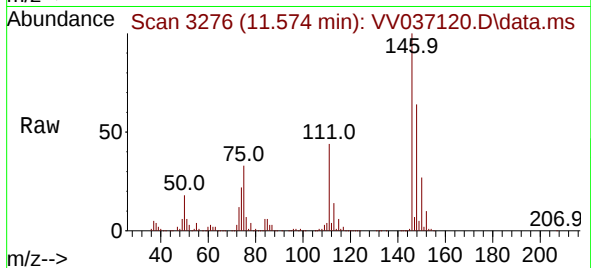
Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

ClientSampleId :



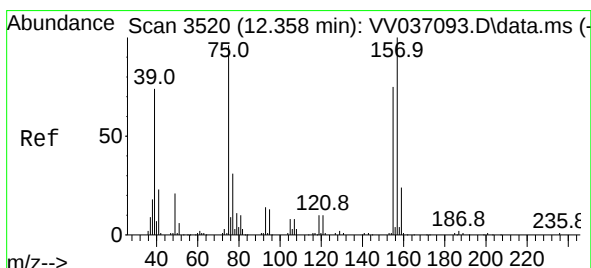
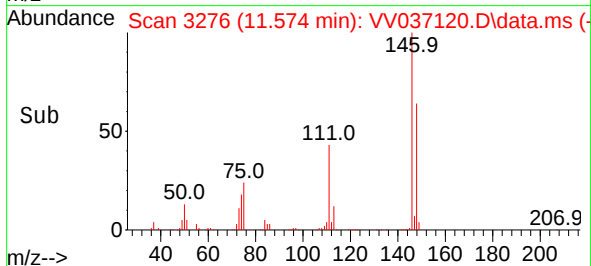
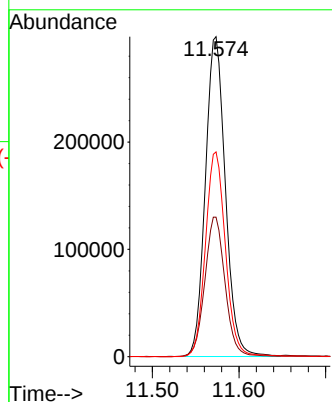
Tgt Ion:146 Resp: 478587

Ion Ratio Lower Upper

146 100

111 43.6 34.6 51.8

148 64.0 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 51.710 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

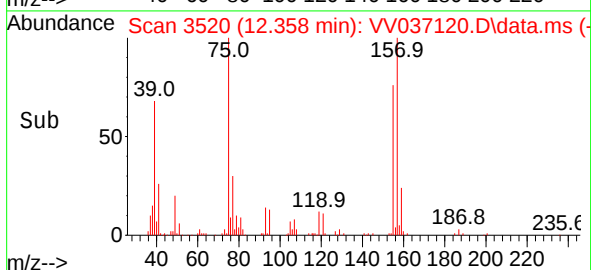
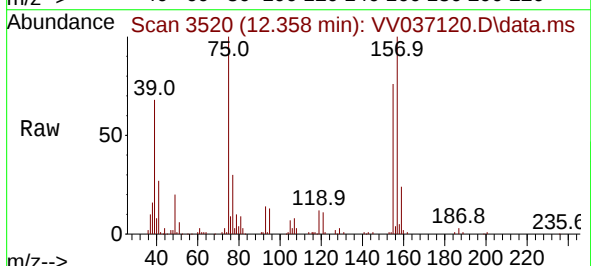
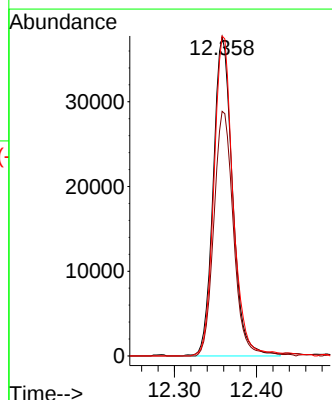
Tgt Ion: 75 Resp: 61688

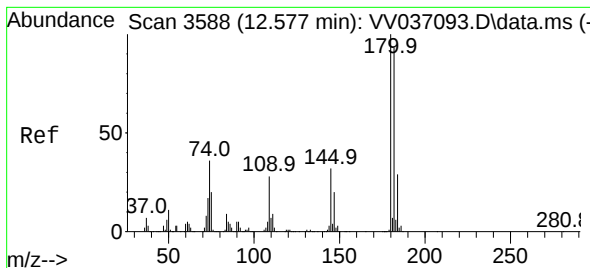
Ion Ratio Lower Upper

75 100

155 76.6 61.8 92.6

157 100.3 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 52.752 ug/L

RT: 12.577 min Scan# 31

Delta R.T. -0.000 min

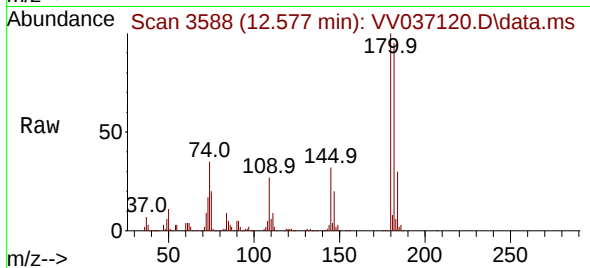
Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 337886

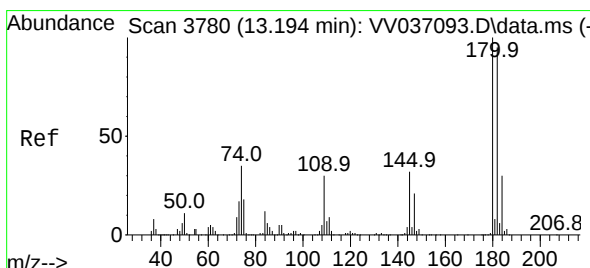
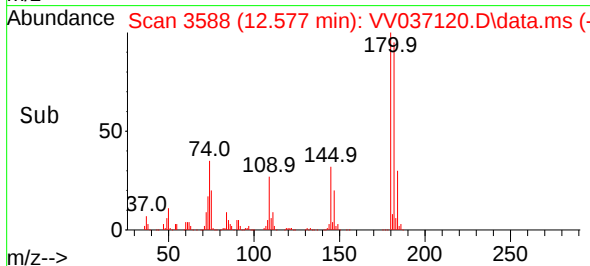
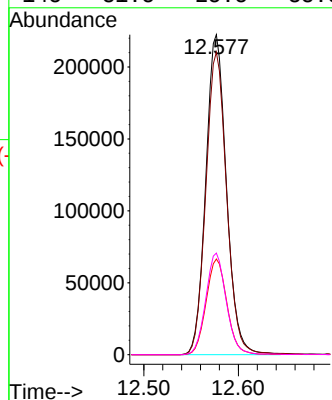
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 30.1 24.2 36.2

145 31.5 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 53.426 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

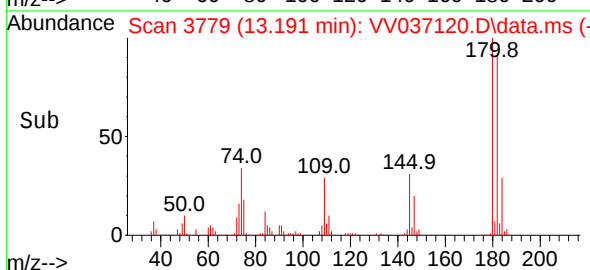
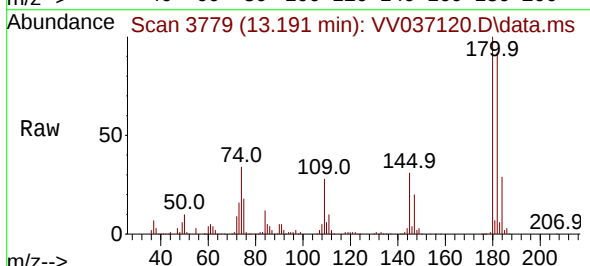
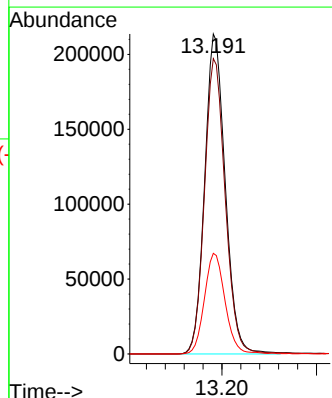
Tgt Ion:180 Resp: 322231

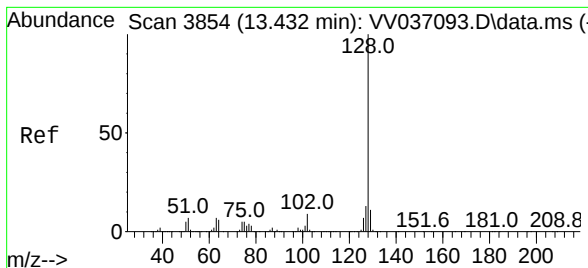
Ion Ratio Lower Upper

180 100

182 92.9 75.7 113.5

145 31.5 26.0 39.0





#71

Naphthalene

Concen: 53.182 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Instrument :

MSVOA_V

ClientSampleId :

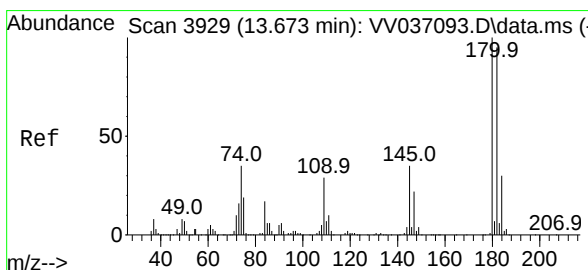
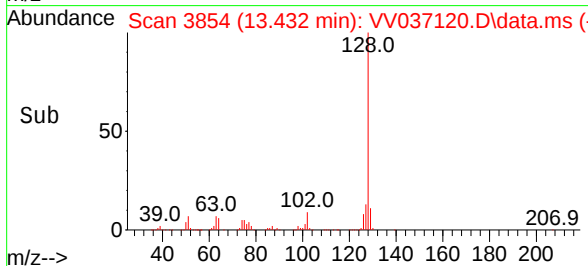
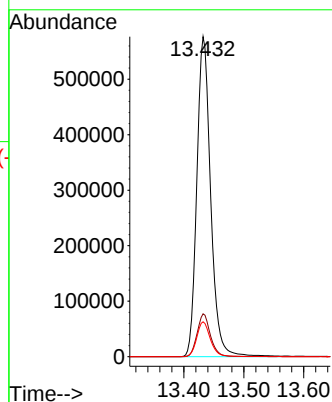
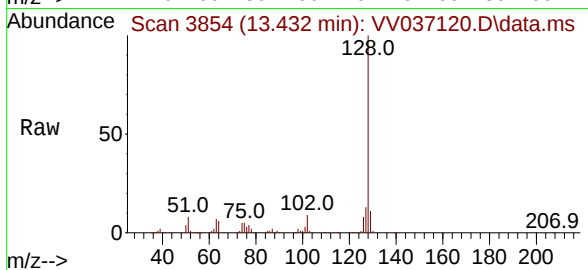
Tgt Ion:128 Resp: 926223

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 53.019 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037120.D

Acq: 28 Aug 2024 08:08

Tgt Ion:180 Resp: 315134

Ion Ratio Lower Upper

180 100

182 94.2 75.1 112.7

145 33.2 27.0 40.4

