

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037014.D
 Acq On : 26 Aug 2024 09:55
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:03:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	682877	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	659610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	334442	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	309705	49.579	ug/L	0.00
7) Chloroethane-d5	1.532	69	241155	49.951	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	128188	48.824	ug/L	0.00
21) 2-Butanone-d5	3.793	46	228931	99.728	ug/L	0.00
24) Chloroform-d	4.243	84	493935	50.522	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	306042	49.708	ug/L	0.00
32) Benzene-d6	4.953	84	998263	50.107	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	309542	49.605	ug/L	0.00
41) Toluene-d8	7.236	98	908158	50.508	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	143556	49.726	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	166402	101.147	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	376755	49.782	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	328827	49.092	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	312132	54.090	ug/L	100
3) Chloromethane	1.217	50	351362	54.141	ug/L	100
5) Vinyl chloride	1.281	62	327910	53.823	ug/L	100
6) Bromomethane	1.487	94	178833	52.386	ug/L	100
8) Chloroethane	1.548	64	199340	53.493	ug/L	100
9) Trichlorofluoromethane	1.712	101	426572	53.654	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	257183	54.386	ug/L	100
12) 1,1-Dichloroethene	2.069	96	237868	53.392	ug/L	100
13) Acetone	2.111	43	270837	106.984	ug/L	100
14) Carbon disulfide	2.240	76	713529	52.757	ug/L	100
15) Methyl Acetate	2.371	43	233705	53.732	ug/L	100
16) Methylene chloride	2.442	84	266054	52.929	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	246390	53.274	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	781245	53.698	ug/L	100
19) 1,1-Dichloroethane	3.105	63	494904	53.882	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	273196	53.456	ug/L	100
22) 2-Butanone	3.873	43	301623	109.645	ug/L	100
23) Bromochloromethane	4.140	128	136520	54.418	ug/L	100
25) Chloroform	4.272	83	498633	53.605	ug/L	100
27) 1,2-Dichloroethane	5.037	62	362341	53.391	ug/L	100
29) Cyclohexane	4.574	56	427414	55.111	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	415852	54.792	ug/L	100
31) Carbon tetrachloride	4.725	117	351360	54.863	ug/L	100
33) Benzene	5.005	78	1040180	54.643	ug/L	100
34) Trichloroethene	5.828	95	268393	53.418	ug/L	100
35) Methylcyclohexane	6.043	83	440974	54.493	ug/L	100
37) 1,2-Dichloropropane	6.088	63	276461	54.113	ug/L	100
38) Bromodichloromethane	6.429	83	356491	54.502	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	426833	53.707	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	552128	109.527	ug/L	100
42) Toluene	7.310	91	1093325	55.163	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	387010	54.480	ug/L	100

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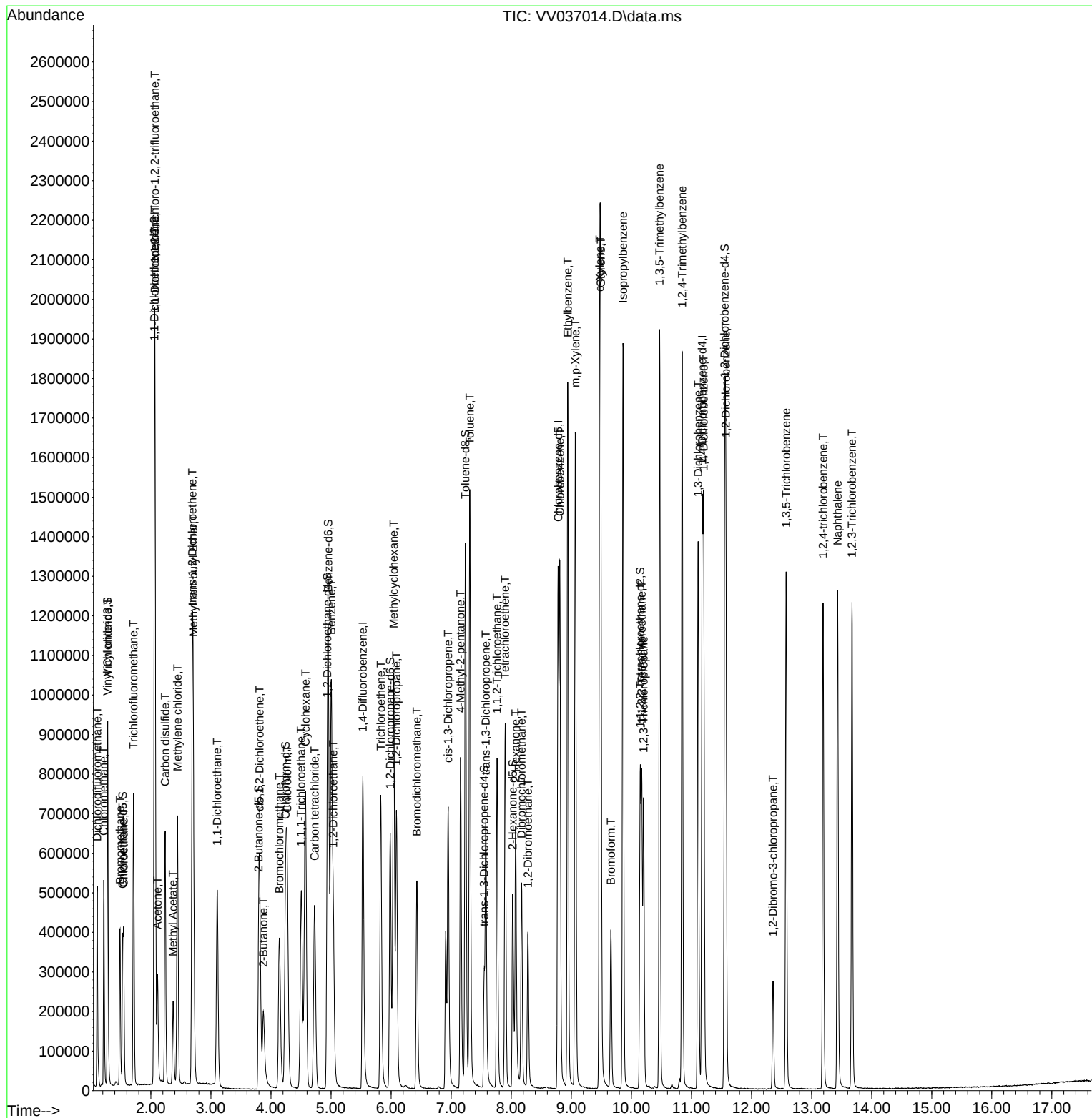
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	255137	53.706	ug/L	100
46) Tetrachloroethene	7.899	164	197518	54.790	ug/L	100
48) 2-Hexanone	8.072	43	398991	102.463	ug/L	100
49) Dibromochloromethane	8.172	129	259726	54.600	ug/L	100
50) 1,2-Dibromoethane	8.278	107	259666	54.016	ug/L	100
51) Chlorobenzene	8.808	112	703586	53.621	ug/L	100
52) Ethylbenzene	8.940	91	1218425	54.425	ug/L	100
53) m,p-Xylene	9.066	106	454260	54.765	ug/L	100
54) o-Xylene	9.474	106	444323	54.710	ug/L	100
55) Styrene	9.490	104	775479	55.379	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	378369	53.777	ug/L	100
59) Bromoform	9.661	173	169074	54.232	ug/L	100
60) Isopropylbenzene	9.863	105	1198683	55.286	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	281315	54.072	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	985963	55.582	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	983650	55.565	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	537358	53.673	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	548062	53.485	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	530675	53.907	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	69190	53.327	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	370177	53.138	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	347092	52.912	ug/L	100
71) Naphthalene	13.432	128	993067	52.427	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	346660	53.626	ug/L	100

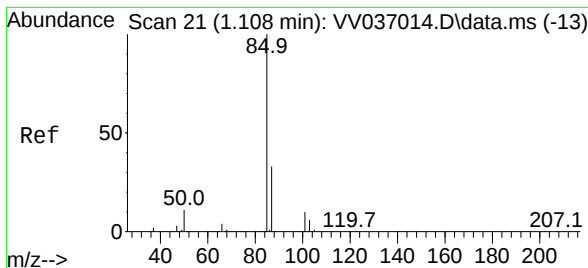
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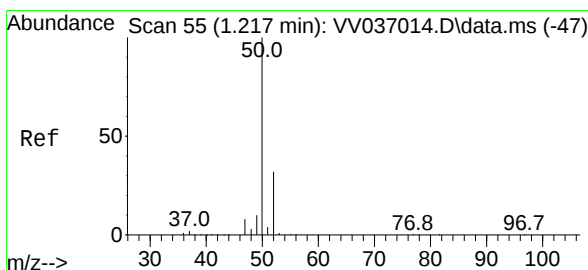
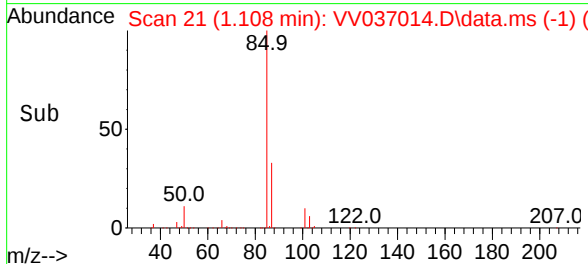
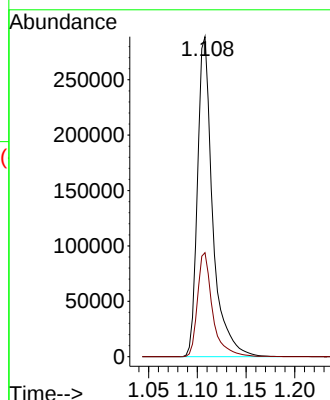
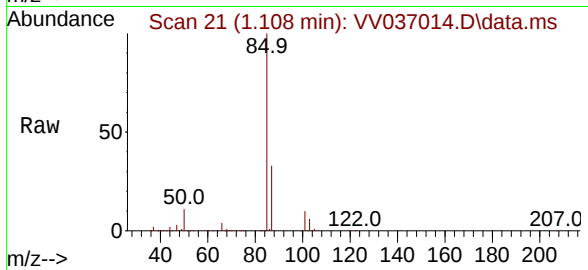




#2
 Dichlorodifluoromethane
 Concen: 54.090 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037014.D
 Acq: 26 Aug 2024 09:55

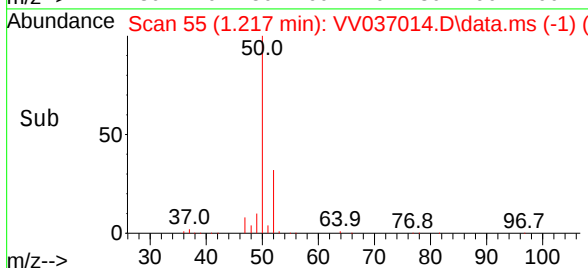
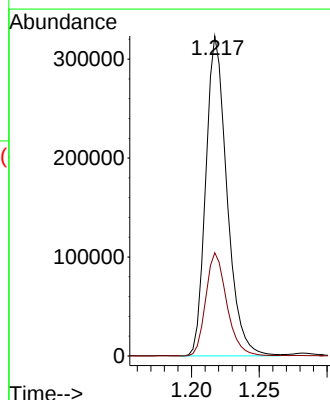
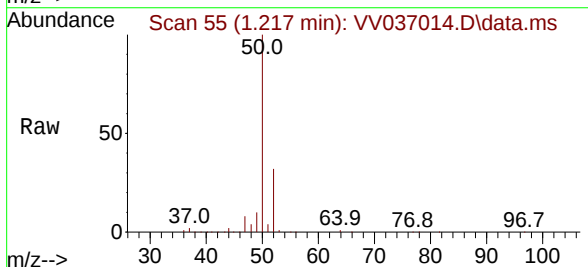
Instrument :
 MSVOA_V
 ClientSampleId :

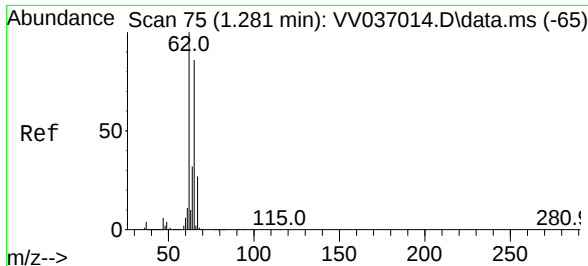
Tgt Ion: 85 Resp: 312132
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 54.141 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037014.D
 Acq: 26 Aug 2024 09:55

Tgt Ion: 50 Resp: 351362
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9

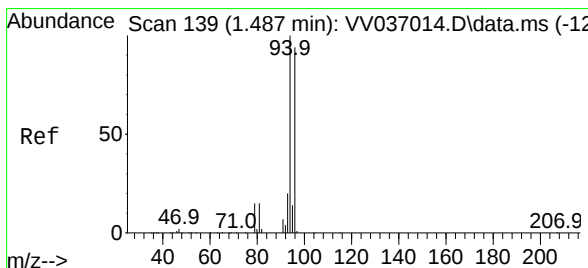
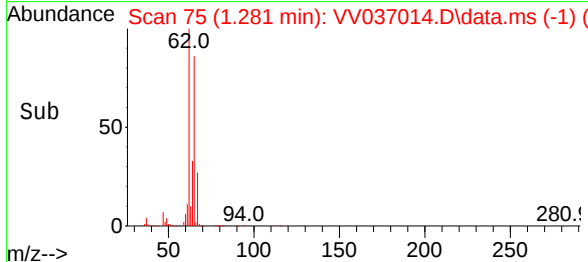
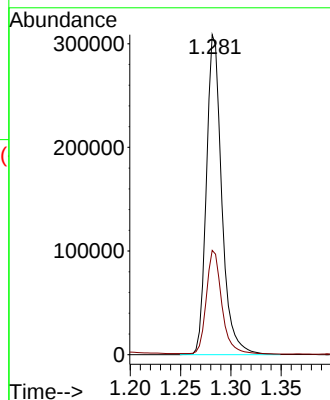
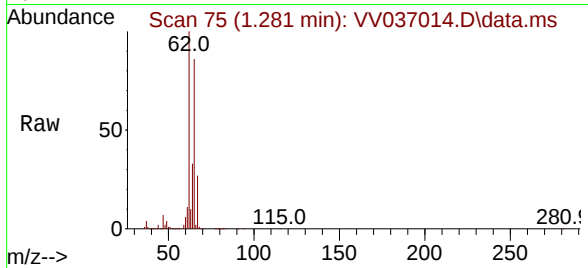




#5
 Vinyl chloride
 Concen: 53.823 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037014.D
 Acq: 26 Aug 2024 09:55

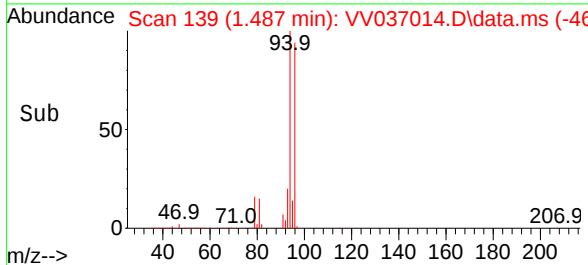
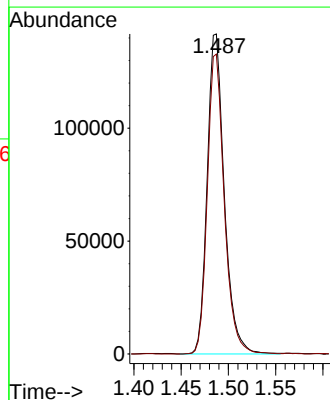
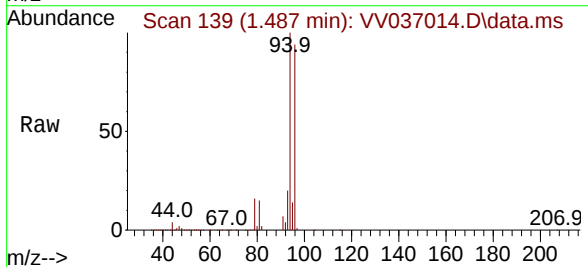
Instrument :
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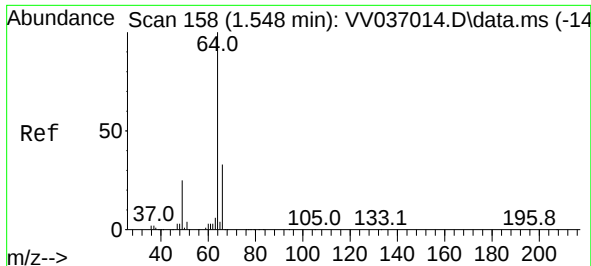
Tgt Ion: 62 Resp: 327910
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 52.386 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037014.D
 Acq: 26 Aug 2024 09:55

Tgt Ion: 94 Resp: 178833
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.6 121.8

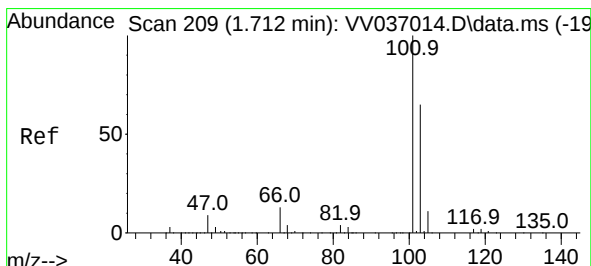
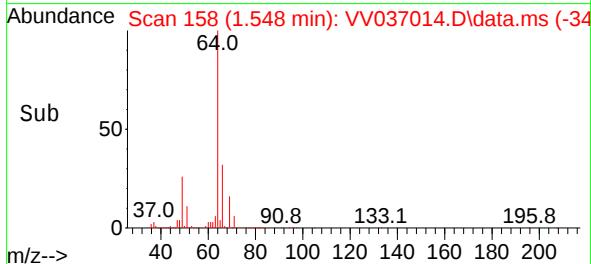
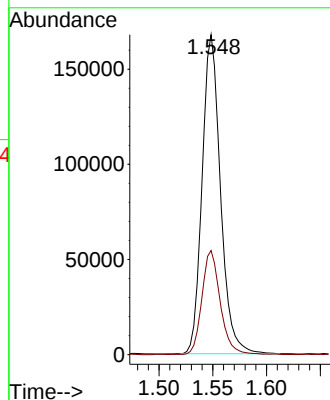
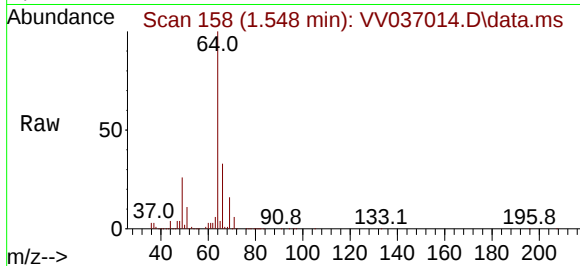




#8
Chloroethane
Concen: 53.493 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

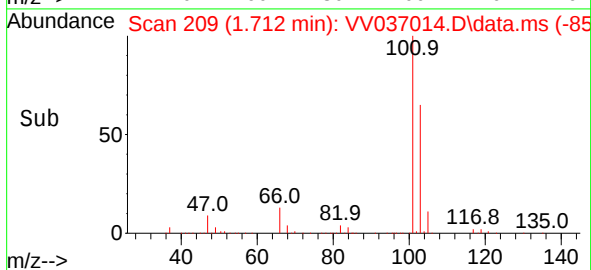
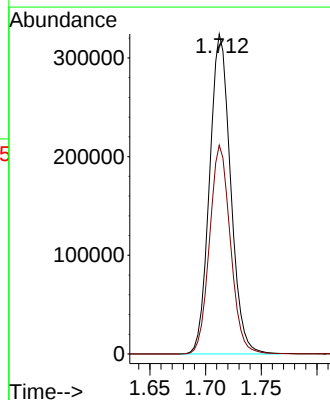
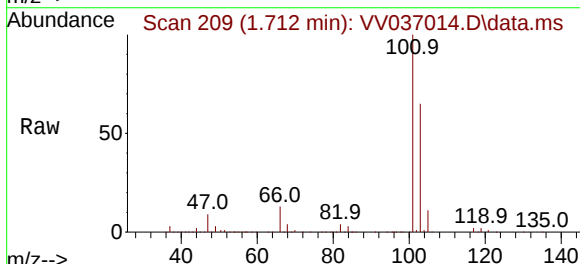
Instrument :
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ClientSampleId :

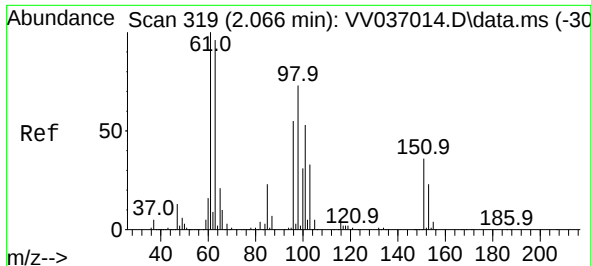
Tgt Ion: 64 Resp: 199340
Ion Ratio Lower Upper
64 100
66 32.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 53.654 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion:101 Resp: 426572
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

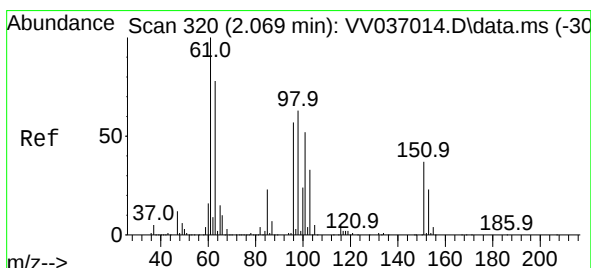
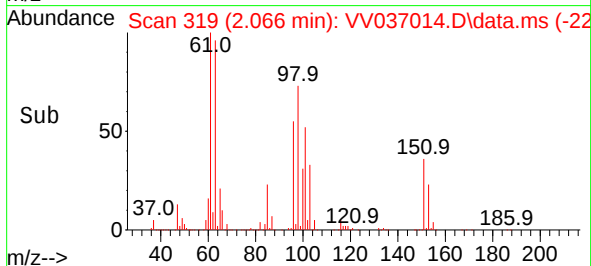
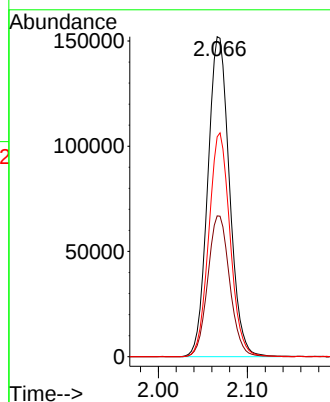
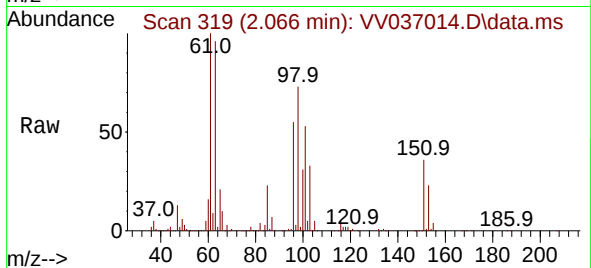




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.386 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037014.D
 Acq: 26 Aug 2024 09:55

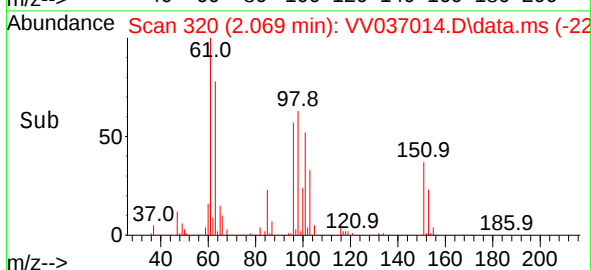
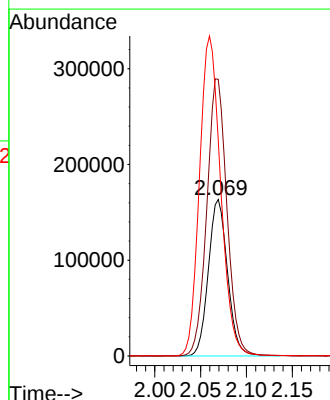
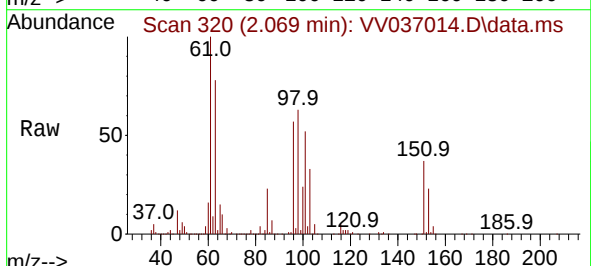
Instrument :
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 ClientSampleId :

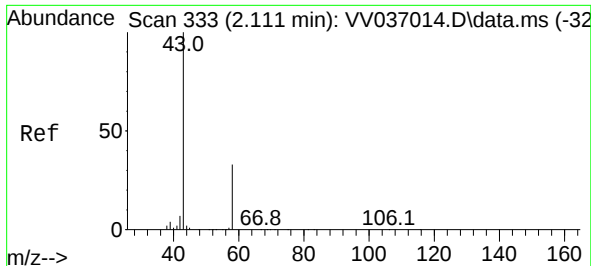
Tgt Ion:101 Resp: 257183
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 68.7 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 53.392 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037014.D
 Acq: 26 Aug 2024 09:55

Tgt Ion: 96 Resp: 237868
 Ion Ratio Lower Upper
 96 100
 61 176.8 123.8 229.8
 63 137.8 96.5 179.1





#13

Acetone

Concen: 106.984 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

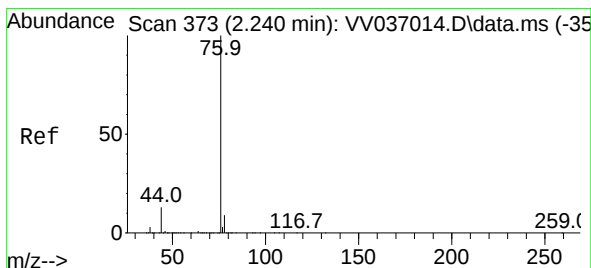
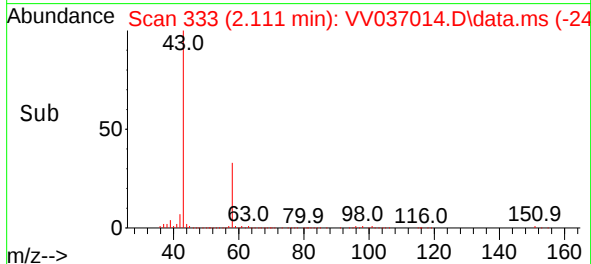
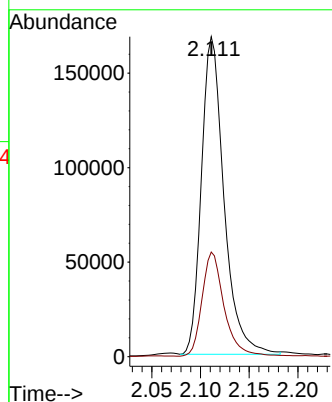
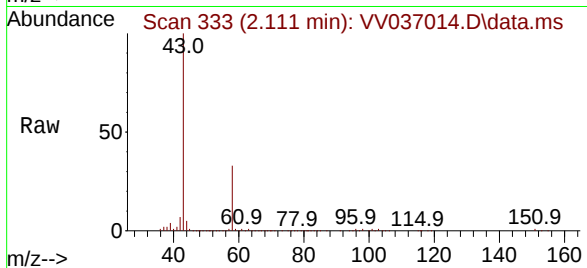
ClientSampleId :

Tgt Ion: 43 Resp: 270837

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.8



#14

Carbon disulfide

Concen: 52.757 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037014.D

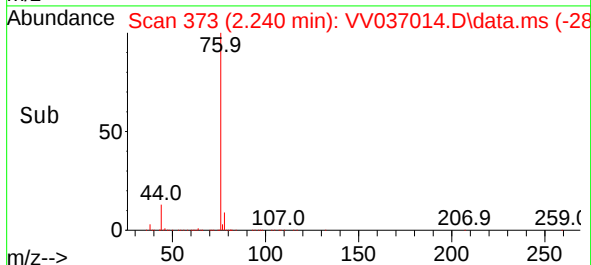
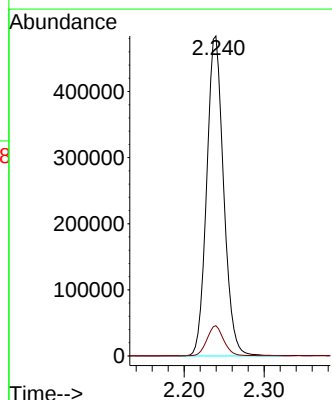
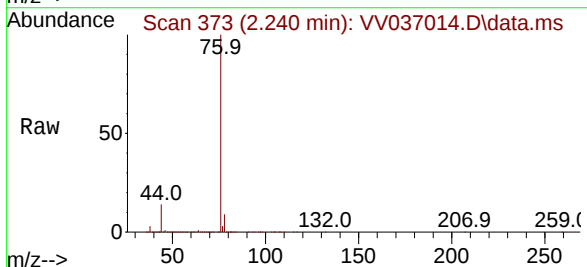
Acq: 26 Aug 2024 09:55

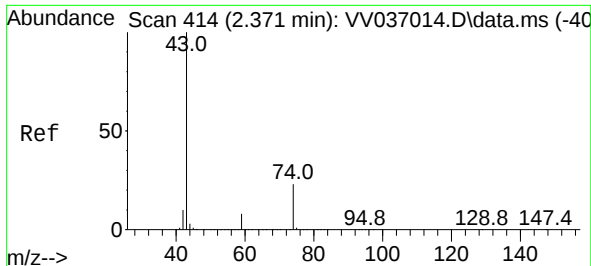
Tgt Ion: 76 Resp: 713529

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 53.732 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

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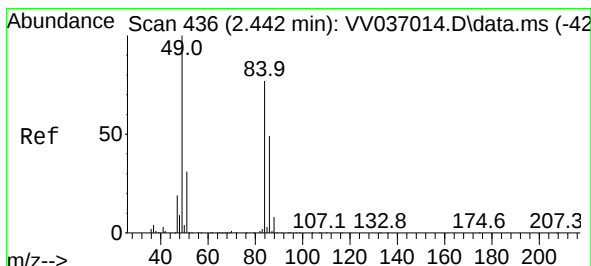
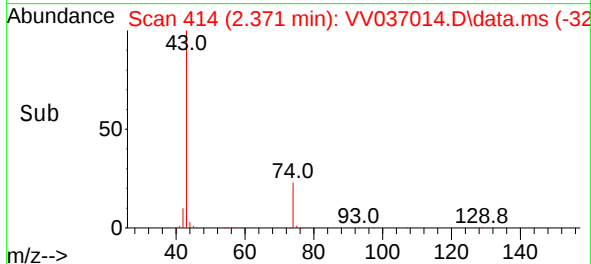
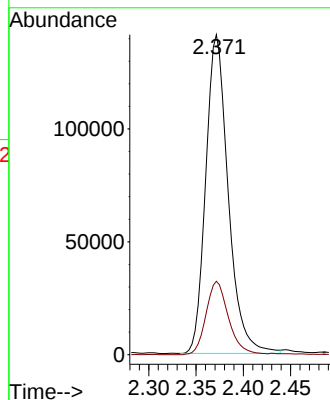
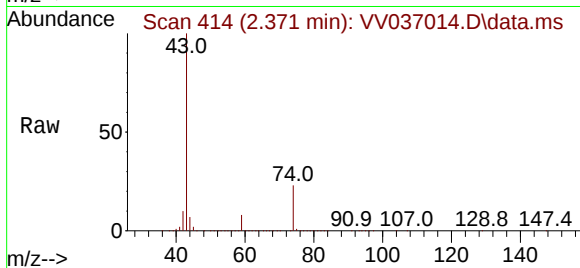
ClientSampleId :

Tgt Ion: 43 Resp: 233705

Ion Ratio Lower Upper

43 100

74 23.0 18.4 27.6



#16

Methylene chloride

Concen: 52.929 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

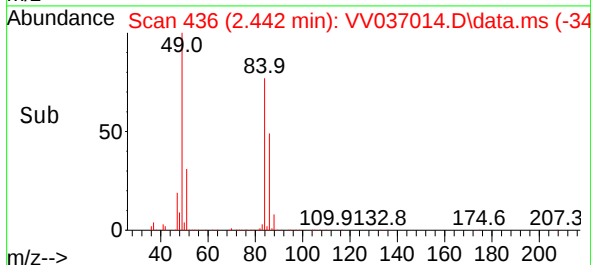
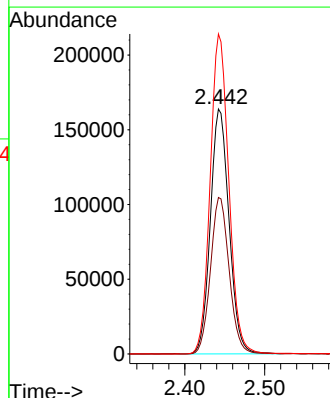
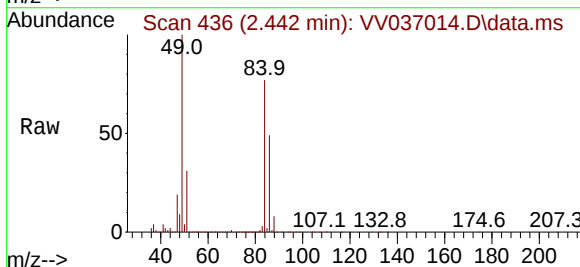
Tgt Ion: 84 Resp: 266054

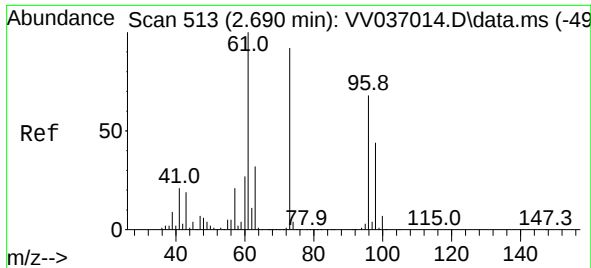
Ion Ratio Lower Upper

84 100

86 63.8 44.7 82.9

49 130.6 91.4 169.8

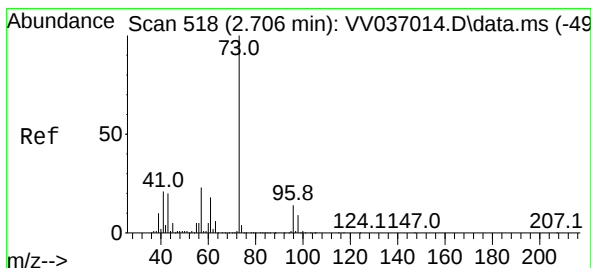
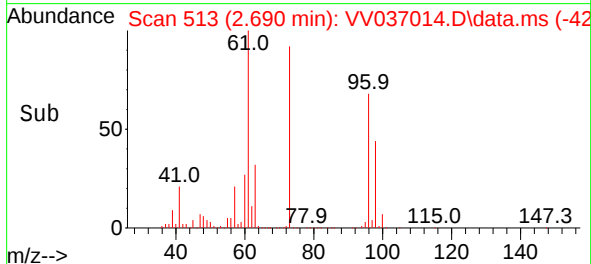
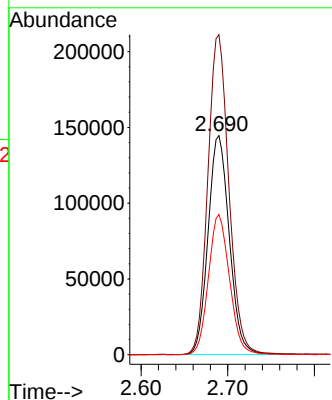
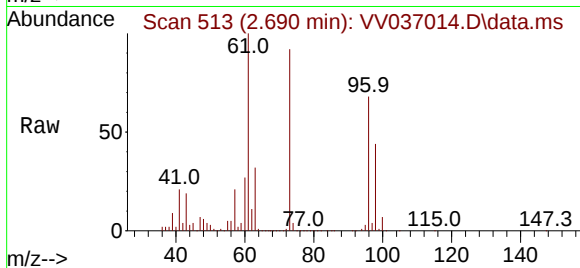




#17
trans-1,2-Dichloroethene
Concen: 53.274 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

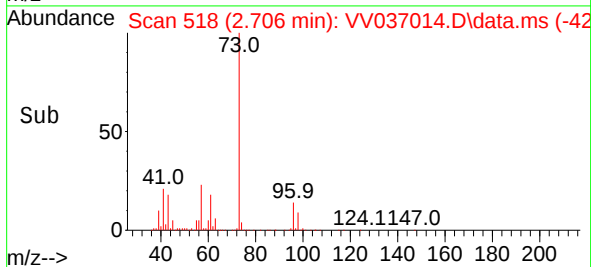
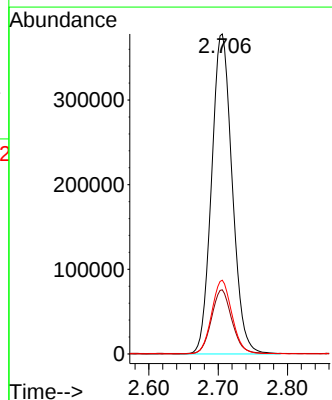
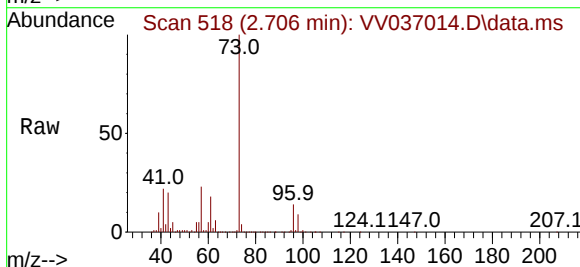
Instrument :
MSVOA_V
ClientSampleId :

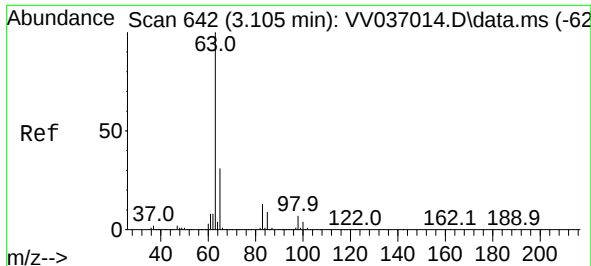
Tgt Ion: 96 Resp: 246390
Ion Ratio Lower Upper
96 100
61 146.1 102.3 189.9
98 64.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 53.698 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

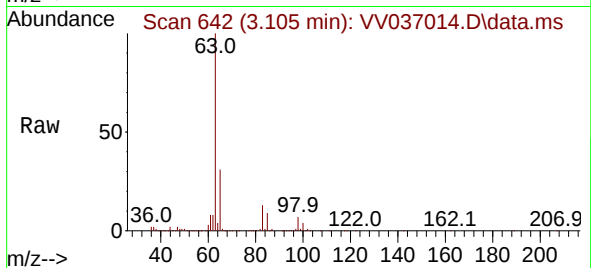
Tgt Ion: 73 Resp: 781245
Ion Ratio Lower Upper
73 100
43 19.7 15.8 23.6
57 22.6 18.1 27.1



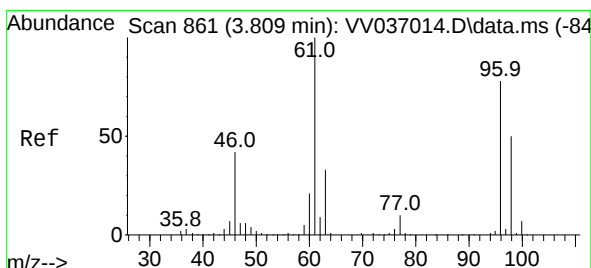
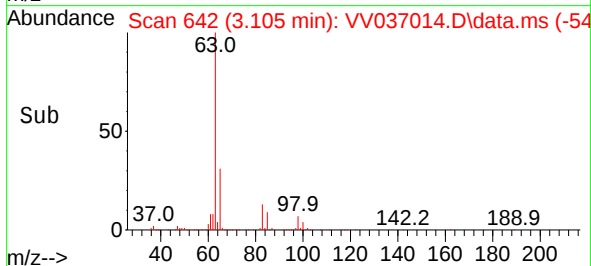
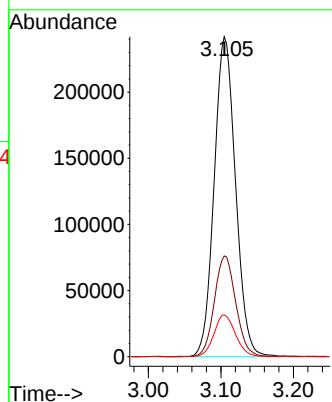


#19
1,1-Dichloroethane
Concen: 53.882 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Instrument :
MSVOA_V
ClientSampleId :

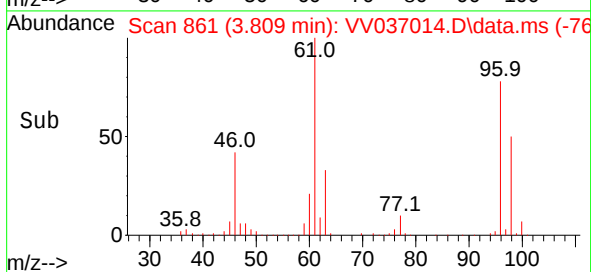
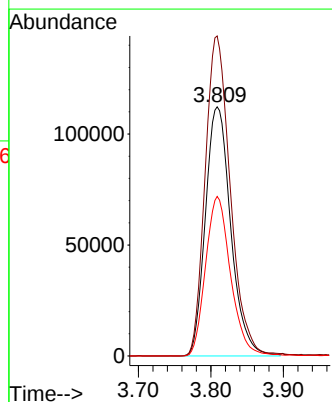
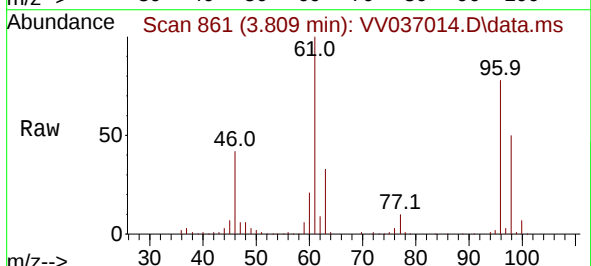


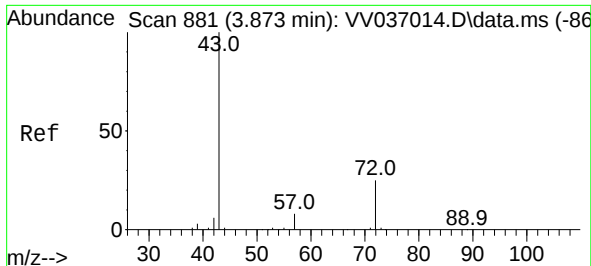
Tgt Ion: 63 Resp: 494904
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 53.456 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion: 96 Resp: 273196
Ion Ratio Lower Upper
96 100
61 128.4 89.9 166.9
98 64.0 44.8 83.2

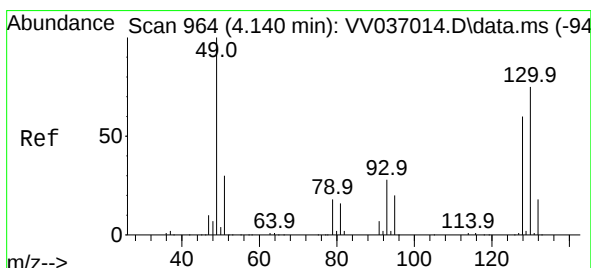
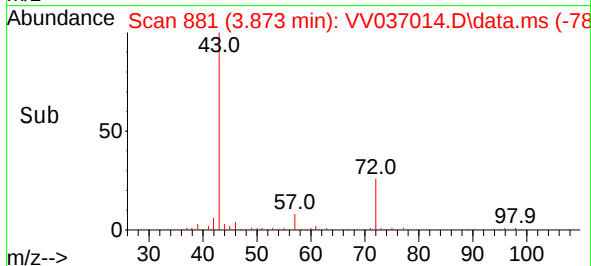
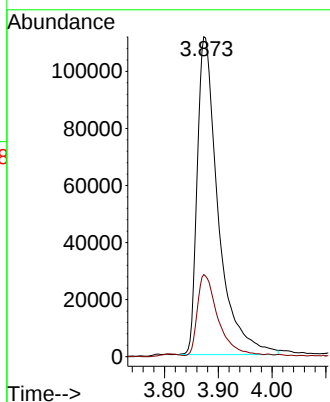
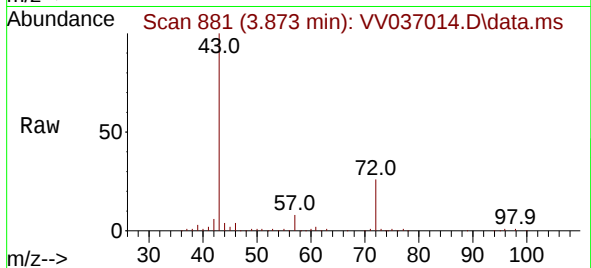




#22
2-Butanone
Concen: 109.645 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

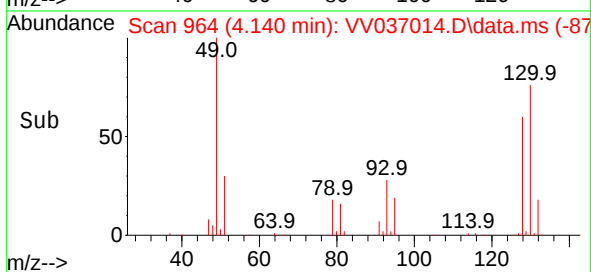
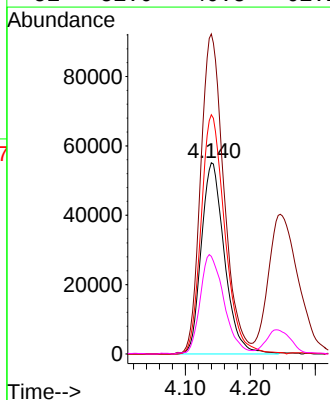
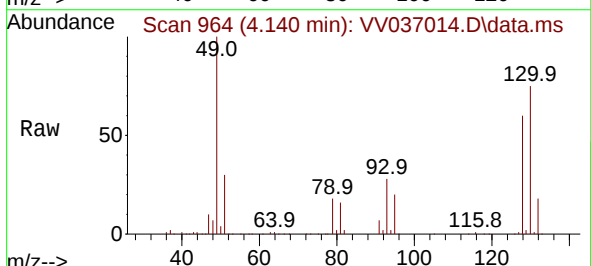
Instrument :
MSVOA_V
ClientSampleId :

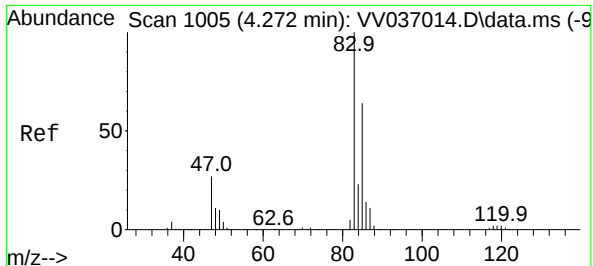
Tgt Ion: 43 Resp: 301623
Ion Ratio Lower Upper
43 100
72 25.3 12.7 38.0



#23
Bromochloromethane
Concen: 54.418 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion:128 Resp: 136520
Ion Ratio Lower Upper
128 100
49 167.4 117.2 217.6
130 125.2 87.6 162.8
51 51.0 40.8 61.2





#25

Chloroform

Concen: 53.605 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

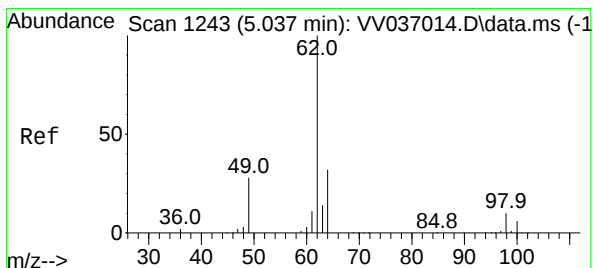
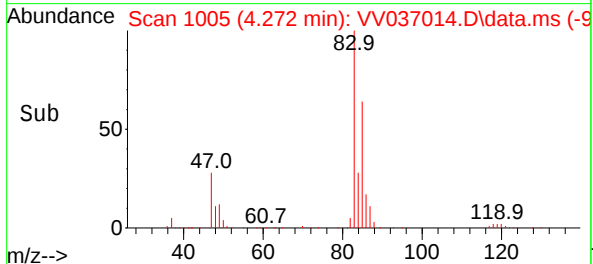
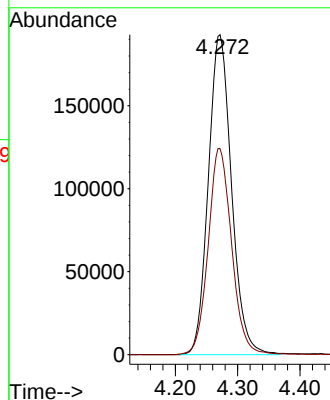
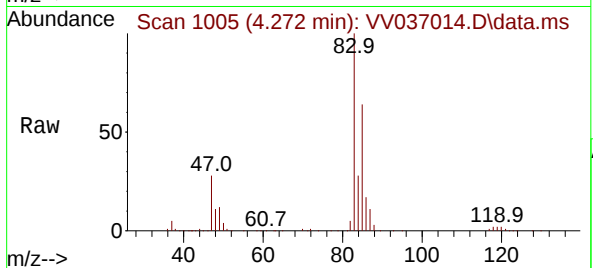
ClientSampleId :

Tgt Ion: 83 Resp: 498633

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 53.391 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037014.D

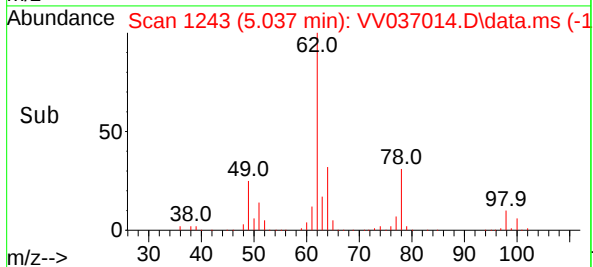
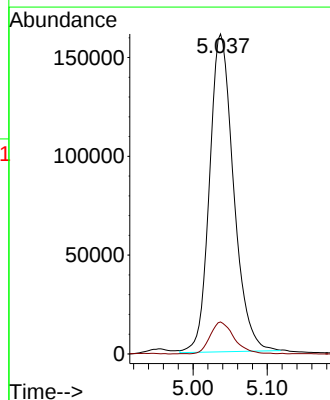
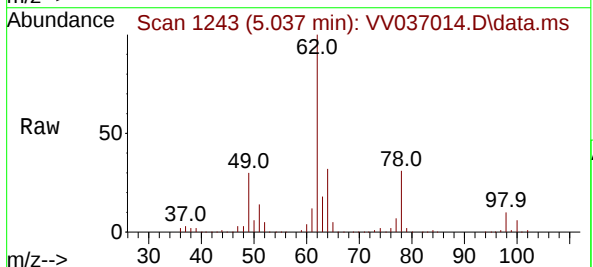
Acq: 26 Aug 2024 09:55

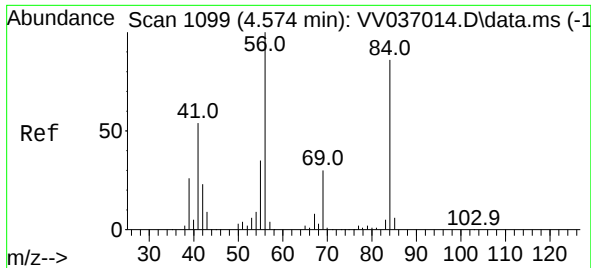
Tgt Ion: 62 Resp: 362341

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0





#29

Cyclohexane

Concen: 55.111 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

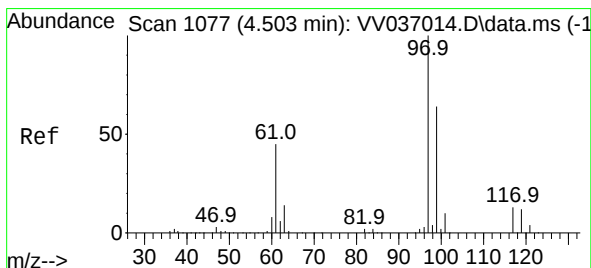
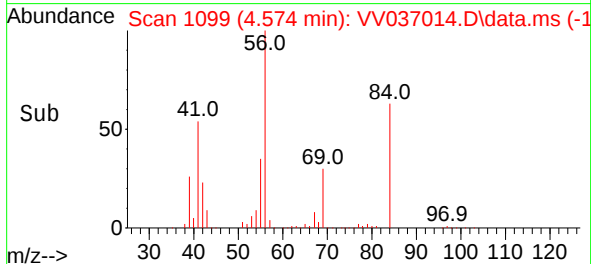
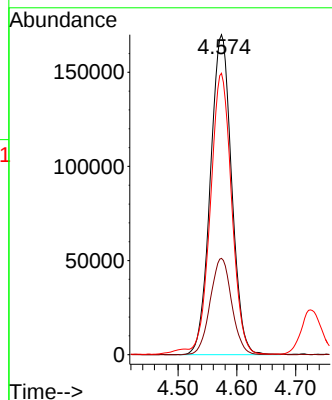
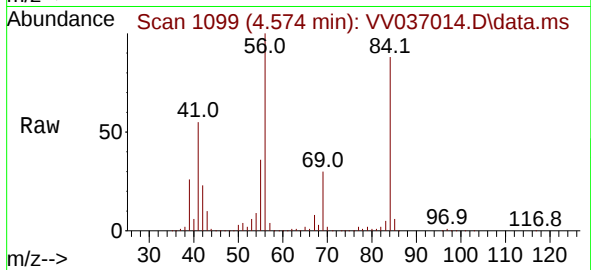
Tgt Ion: 56 Resp: 427414

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 87.3 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.792 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

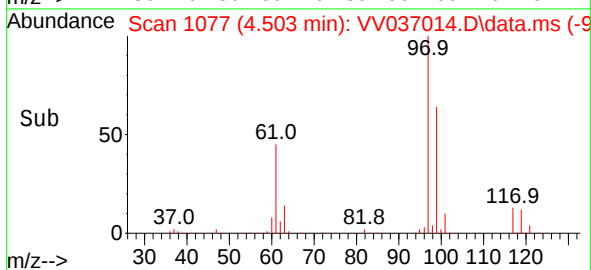
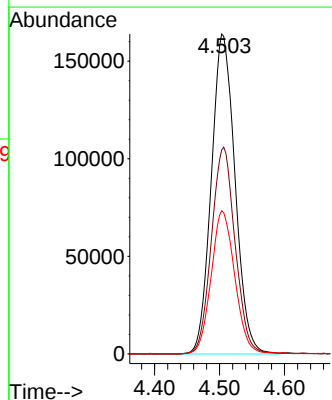
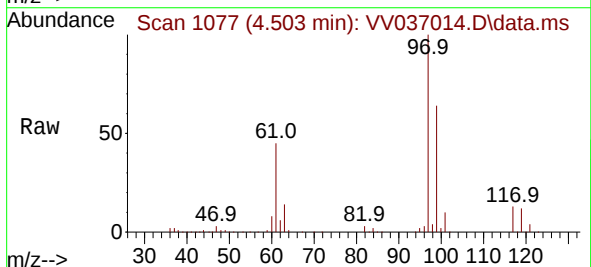
Tgt Ion: 97 Resp: 415852

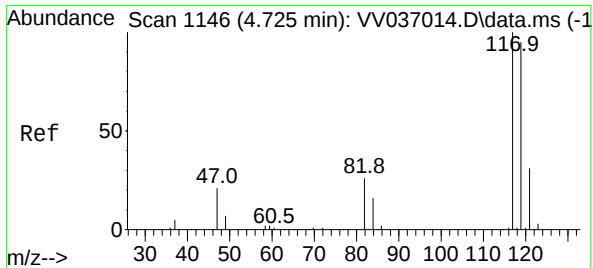
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 44.7 35.8 53.6

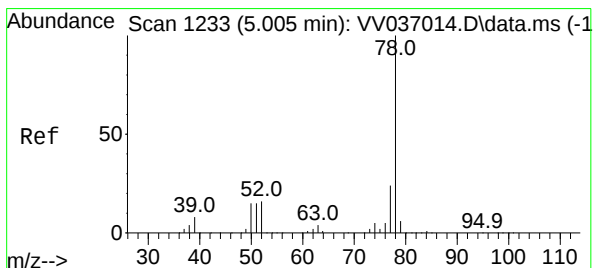
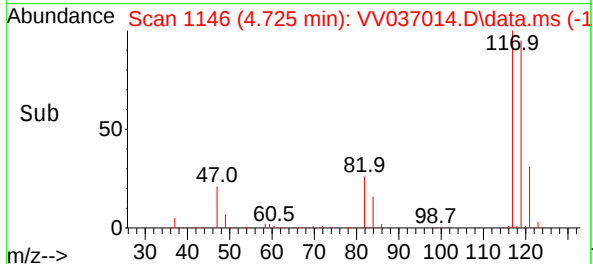
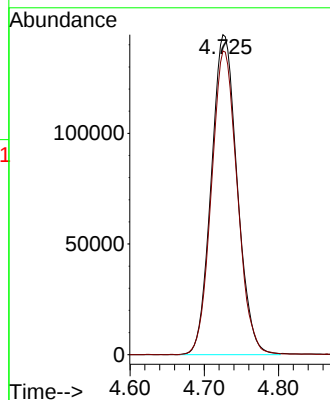
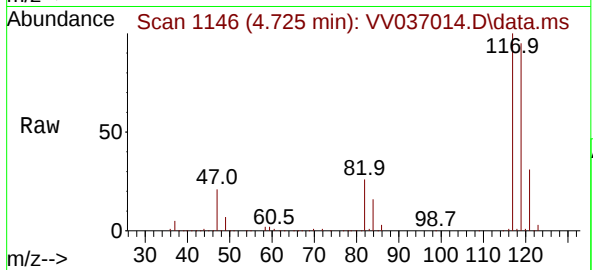




#31
Carbon tetrachloride
Concen: 54.863 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

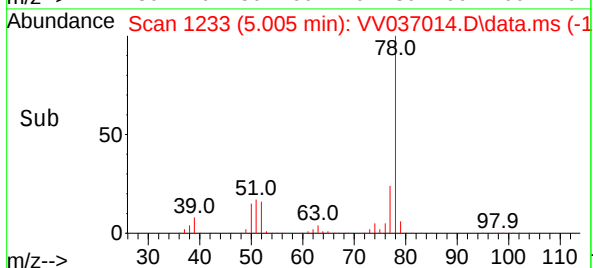
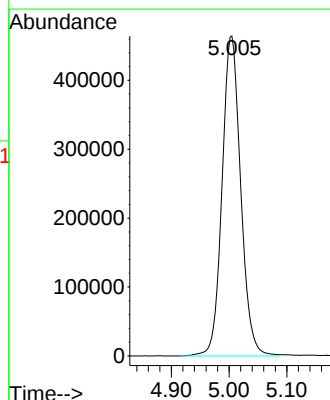
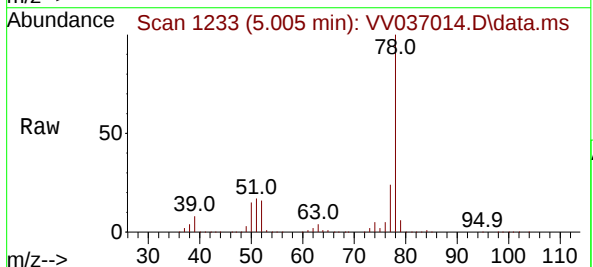
Instrument :
MSVOA_V
ClientSampleId :

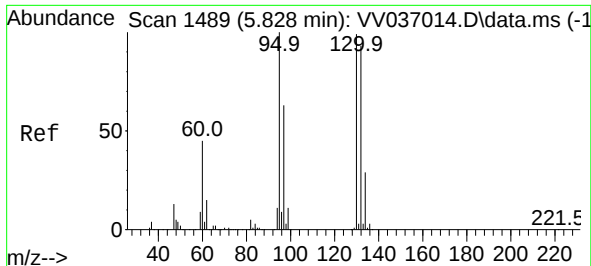
Tgt Ion:117 Resp: 351360
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6



#33
Benzene
Concen: 54.643 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion: 78 Resp: 1040180



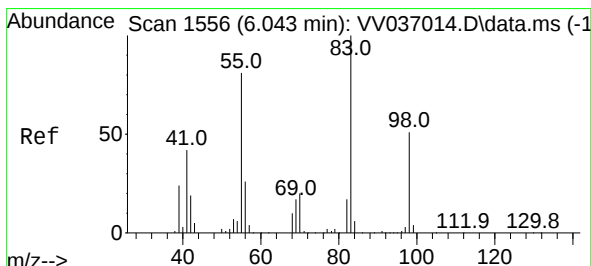
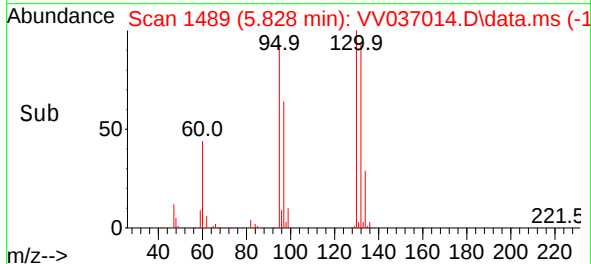
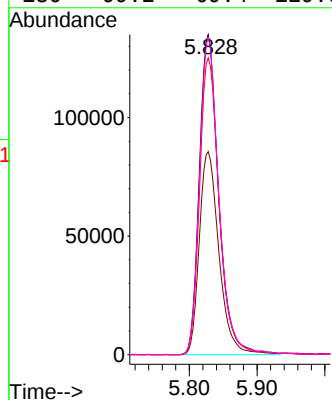
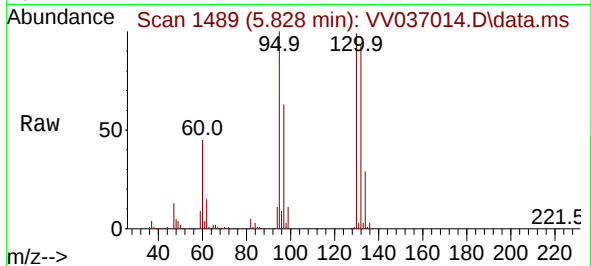


#34
Trichloroethene
Concen: 53.418 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 268393

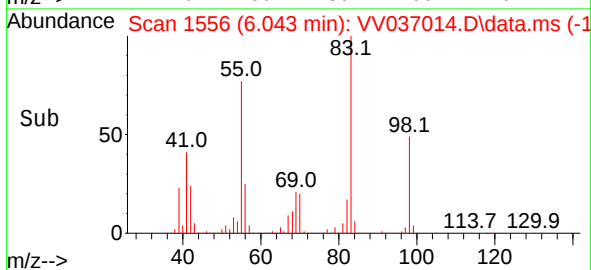
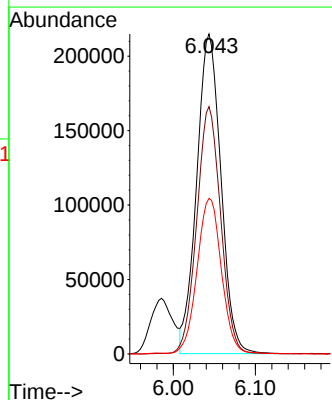
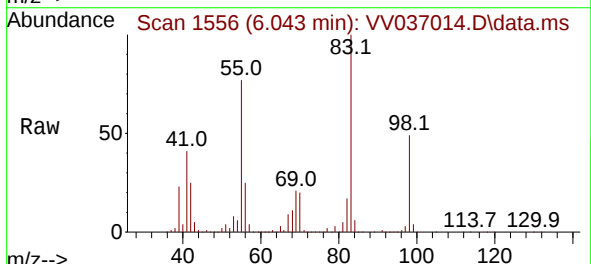
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.4	82.5
132	92.7	64.9	120.5
130	99.2	69.4	129.0

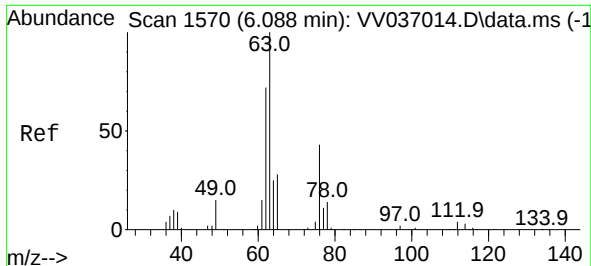


#35
Methylcyclohexane
Concen: 54.493 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion: 83 Resp: 440974

Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.2	91.8
98	49.1	39.3	58.9

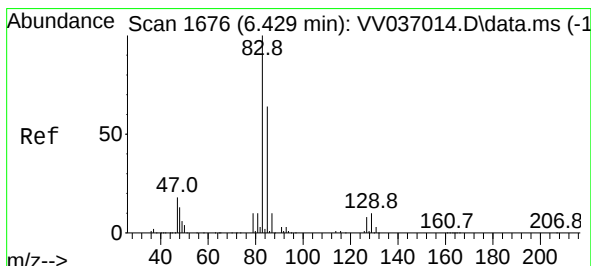
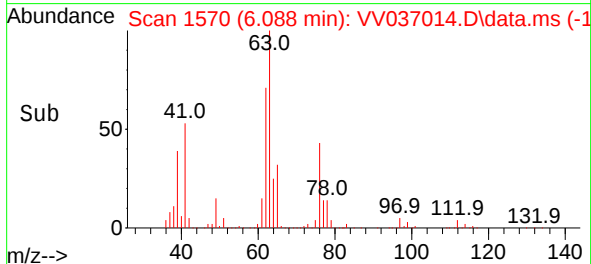
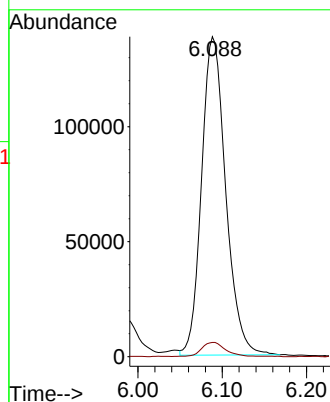
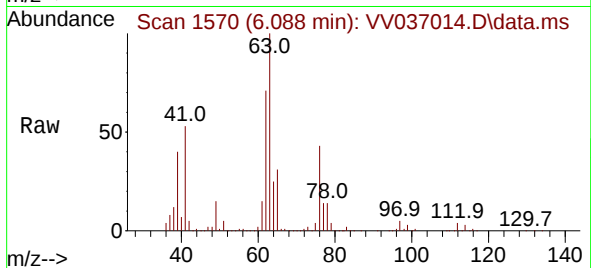




#37
1,2-Dichloropropane
Concen: 54.113 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

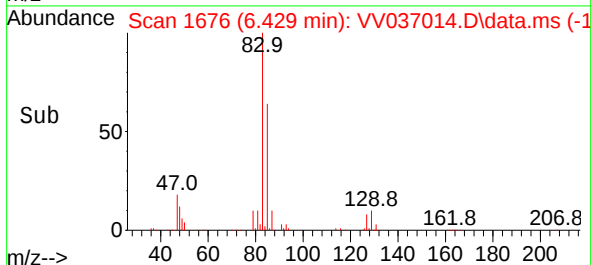
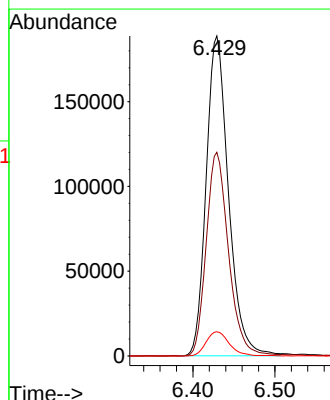
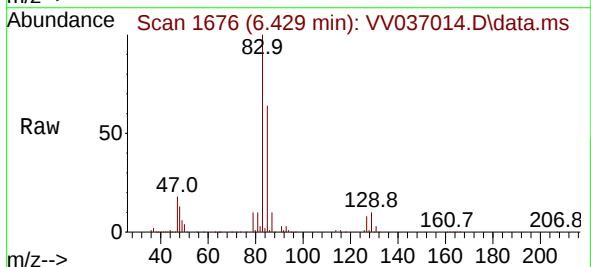
Instrument :
MSVOA_V
ClientSampleId :

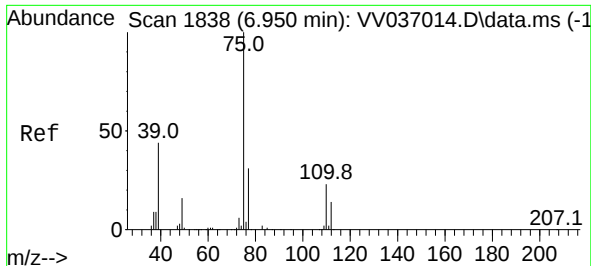
Tgt Ion: 63 Resp: 276461
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 54.502 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion: 83 Resp: 356491
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7
127 7.6 6.1 9.1

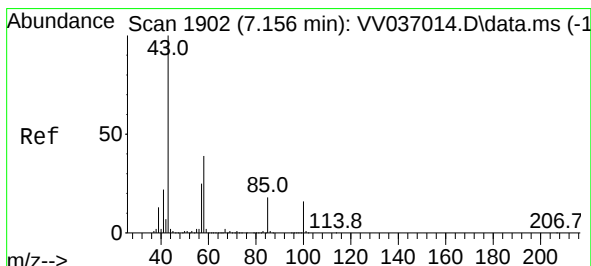
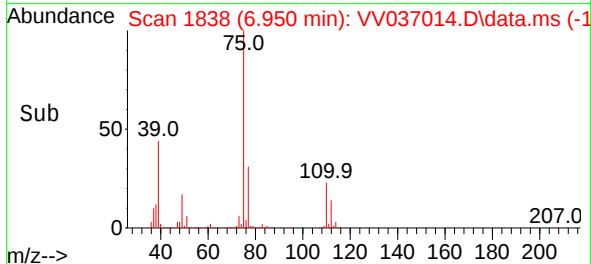
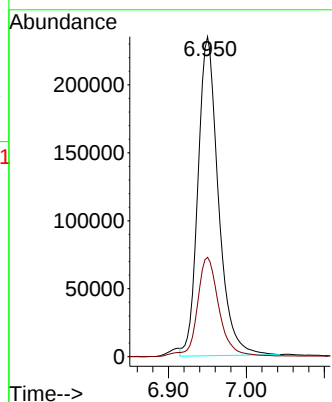
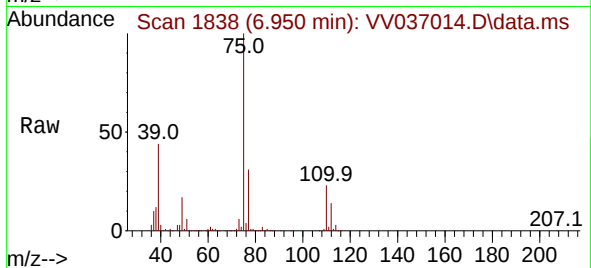




#39
 cis-1,3-Dichloropropene
 Concen: 53.707 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV037014.D
 Acq: 26 Aug 2024 09:55

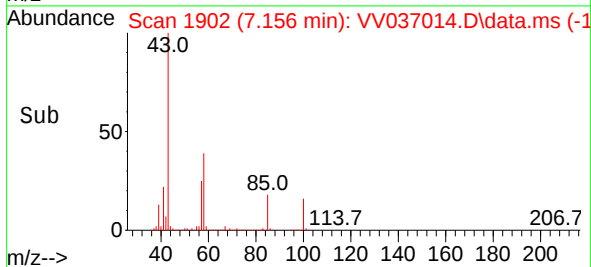
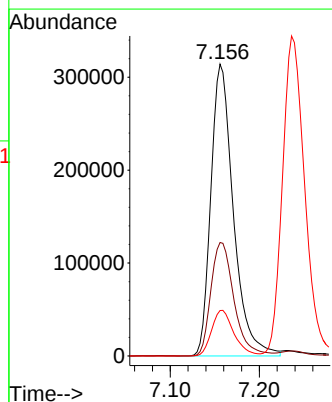
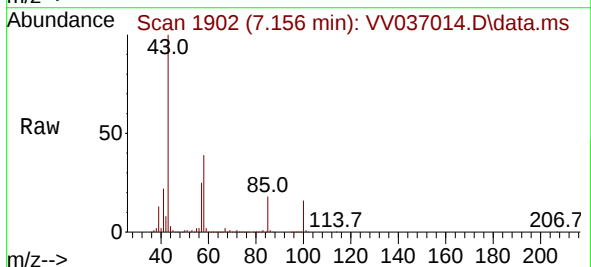
Instrument :
 MSVOA_V
 ClientSampleId :

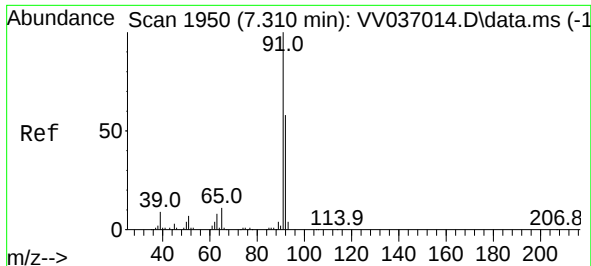
Tgt Ion: 75 Resp: 426833
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 109.527 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV037014.D
 Acq: 26 Aug 2024 09:55

Tgt Ion: 43 Resp: 552128
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.0 48.0
 100 15.5 12.4 18.6





#42

Toluene

Concen: 55.163 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

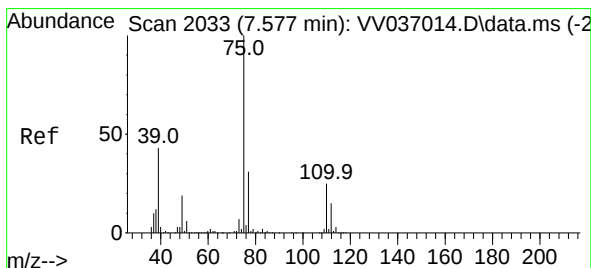
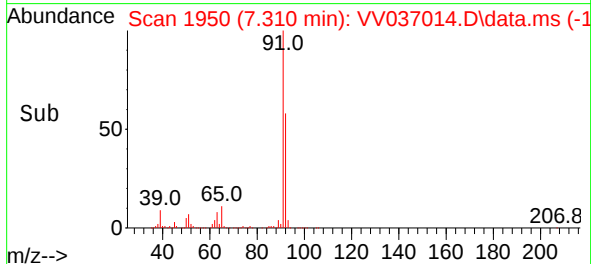
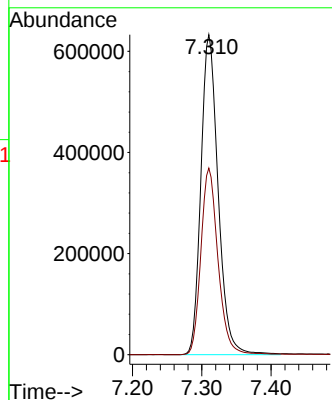
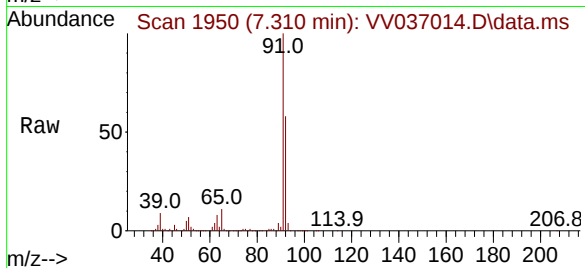
ClientSampleId :

Tgt Ion: 91 Resp: 1093325

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 54.480 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037014.D

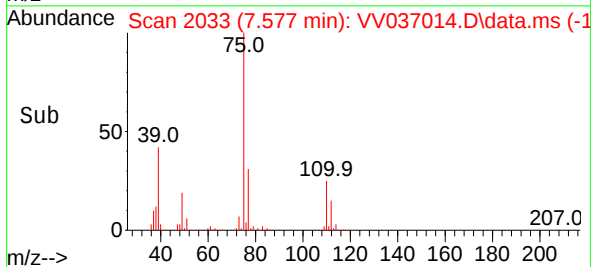
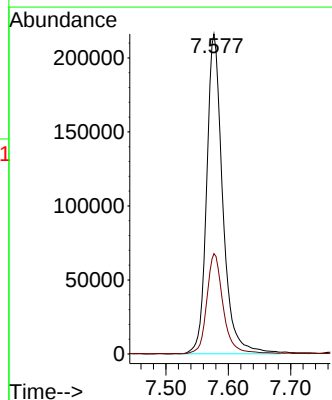
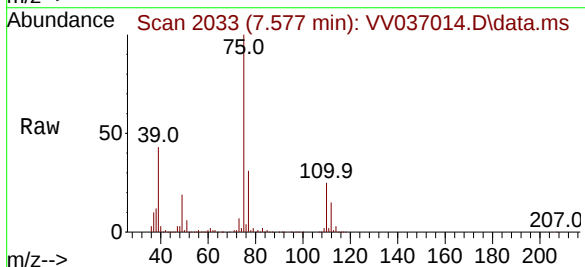
Acq: 26 Aug 2024 09:55

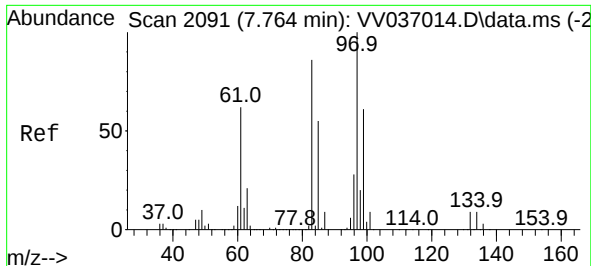
Tgt Ion: 75 Resp: 387010

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



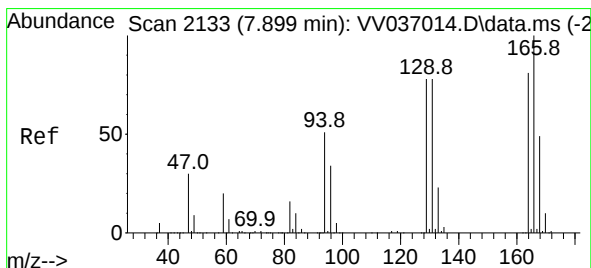
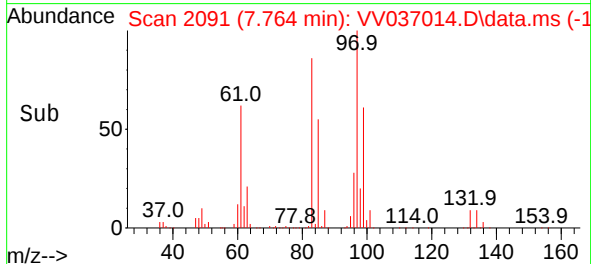
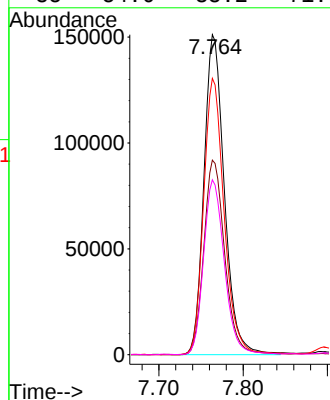
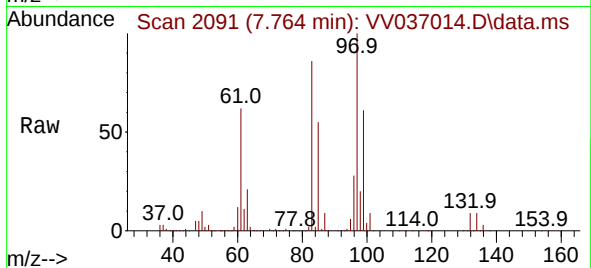


#45
1,1,2-Trichloroethane
Concen: 53.706 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 255137

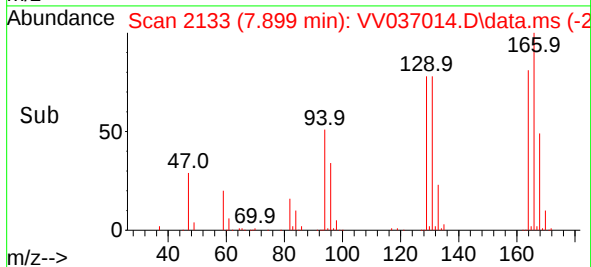
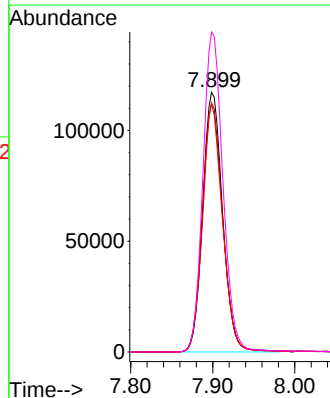
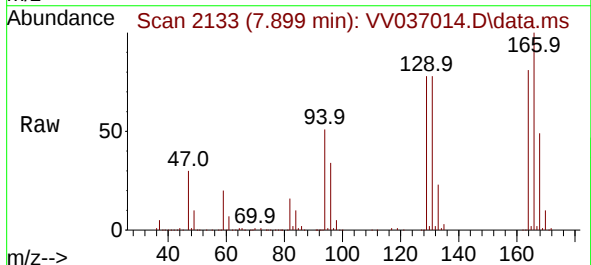
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.6	79.0
83	86.4	60.5	112.3
85	54.6	38.2	71.0

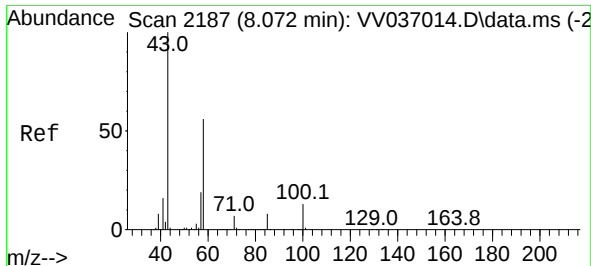


#46
Tetrachloroethene
Concen: 54.790 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion: 164 Resp: 197518

Ion	Ratio	Lower	Upper
164	100		
129	95.9	67.1	124.7
131	95.7	67.0	124.4
166	123.2	86.2	160.2

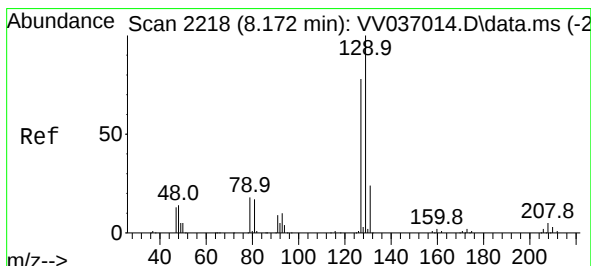
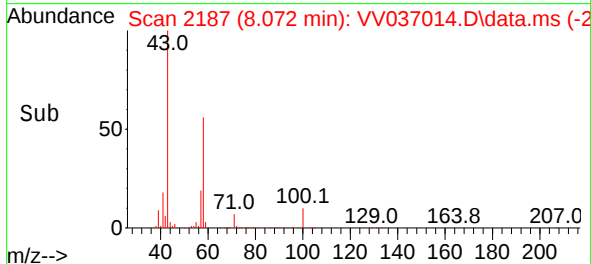
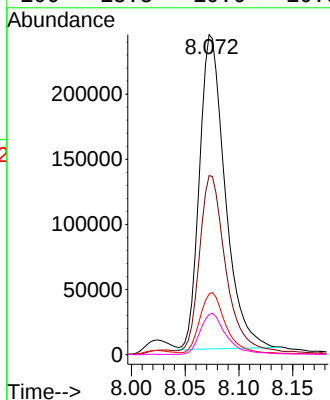
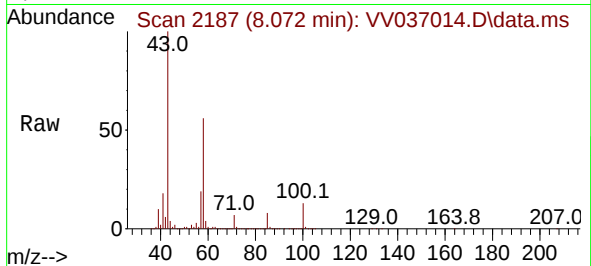




#48
2-Hexanone
Concen: 102.463 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

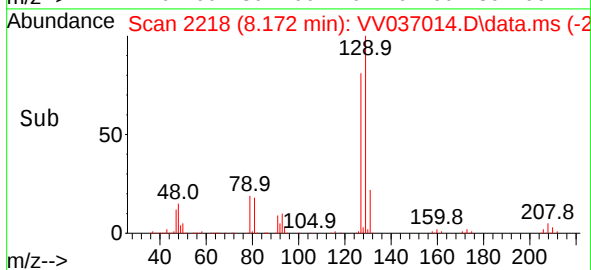
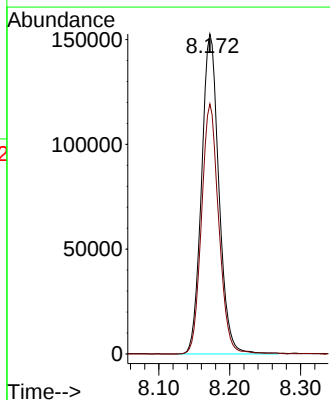
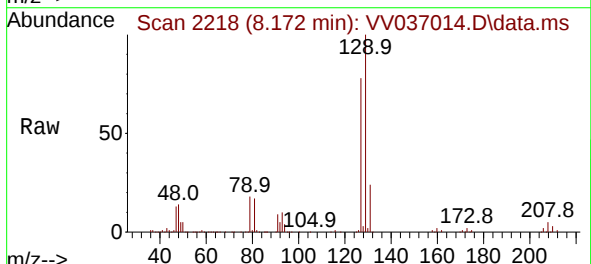
Instrument :
MSVOA_V
ClientSampleId :

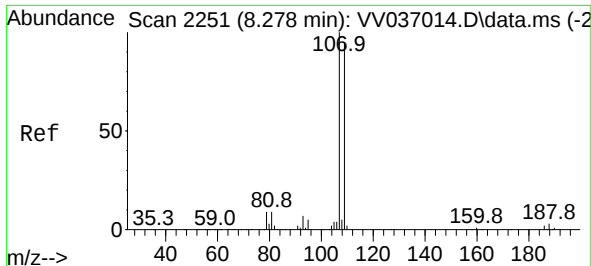
Tgt Ion: 43 Resp: 398991
Ion Ratio Lower Upper
43 100
58 57.5 46.0 69.0
57 19.5 15.6 23.4
100 13.3 10.6 16.0



#49
Dibromochloromethane
Concen: 54.600 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion: 129 Resp: 259726
Ion Ratio Lower Upper
129 100
127 78.2 54.7 101.7

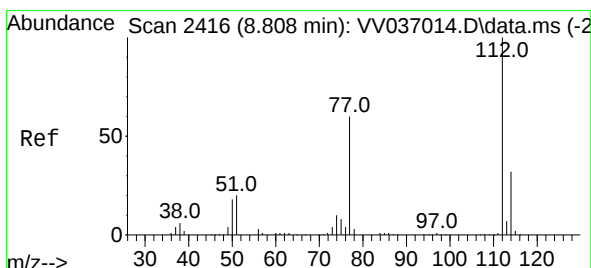
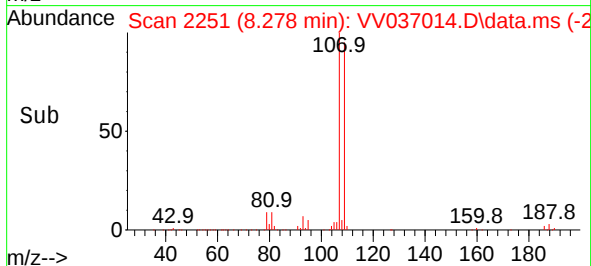
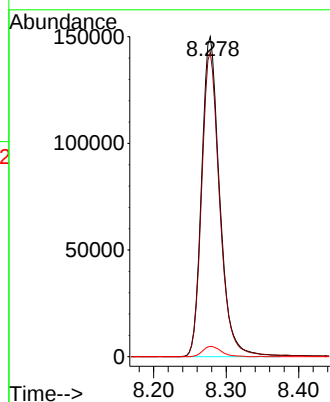
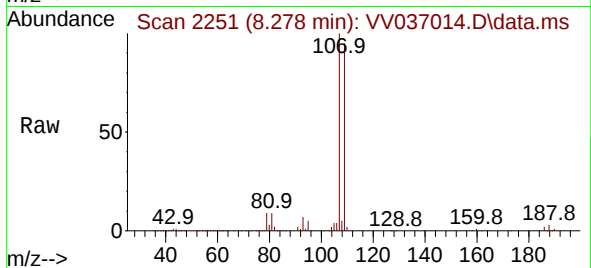




#50
1,2-Dibromoethane
Concen: 54.016 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

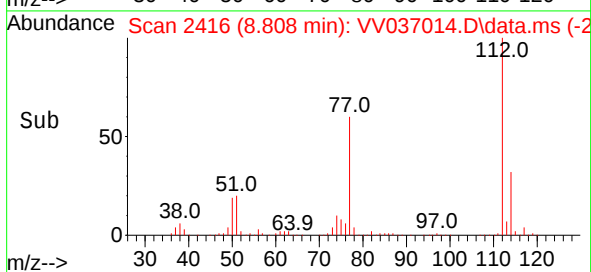
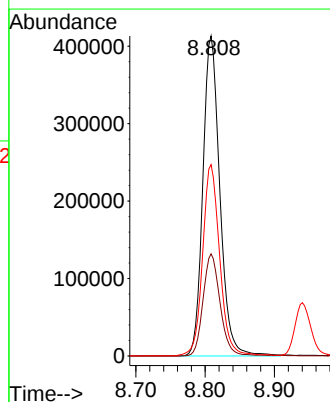
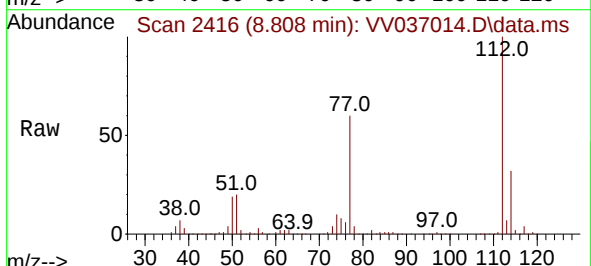
Instrument :
MSVOA_V
ClientSampleId :

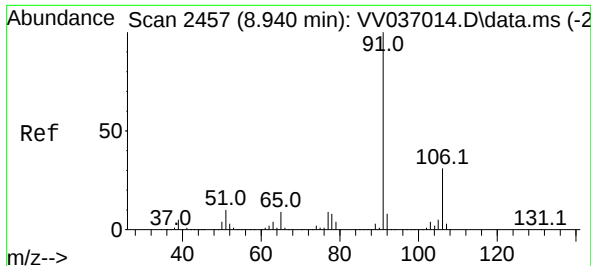
Tgt Ion:107 Resp: 259666
Ion Ratio Lower Upper
107 100
109 95.1 66.6 123.6
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 53.621 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion:112 Resp: 703586
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 59.8 47.8 71.8





#52

Ethylbenzene

Concen: 54.425 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

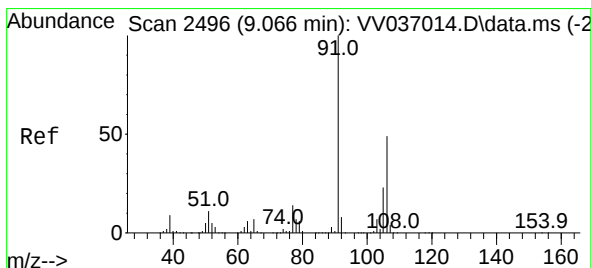
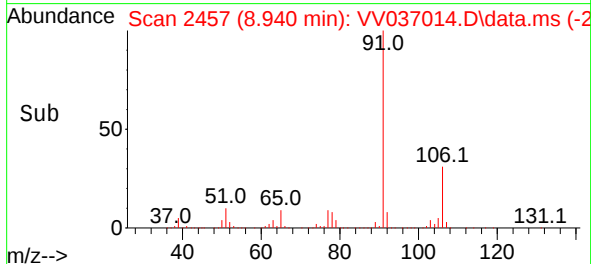
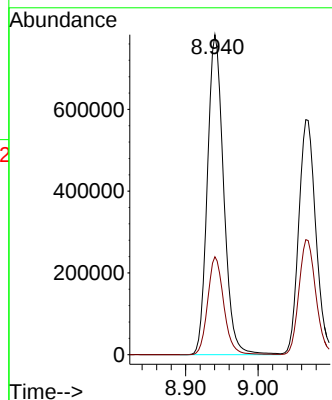
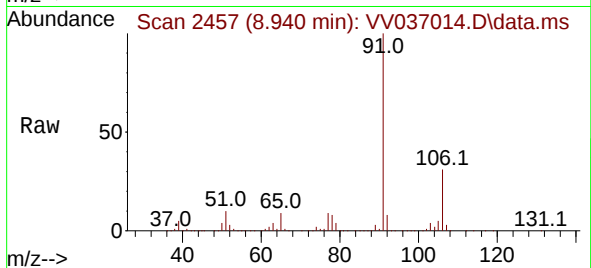
ClientSampleId :

Tgt Ion: 91 Resp: 1218425

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 54.765 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037014.D

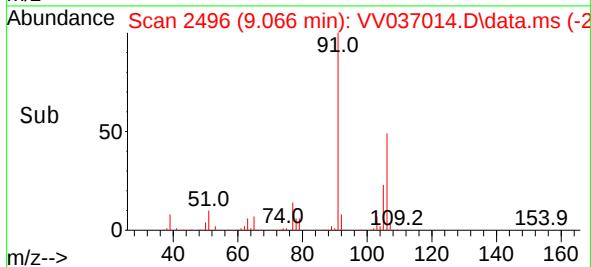
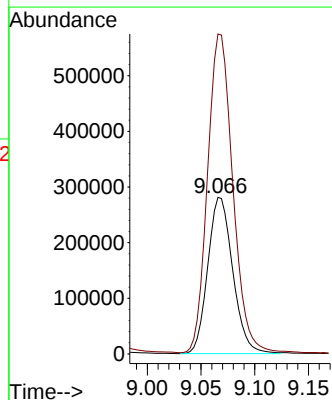
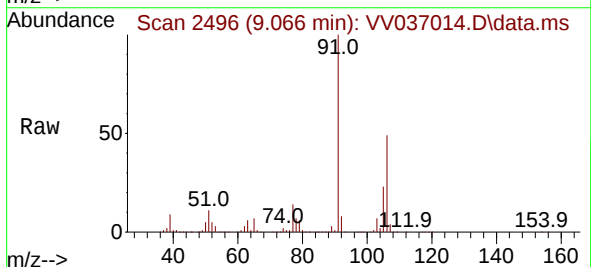
Acq: 26 Aug 2024 09:55

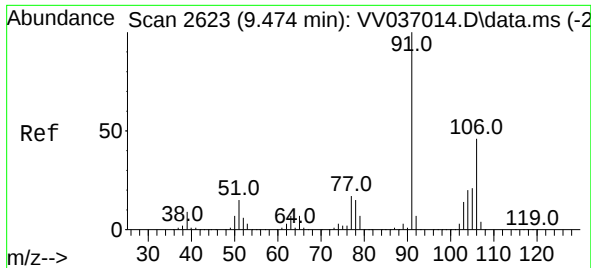
Tgt Ion:106 Resp: 454260

Ion Ratio Lower Upper

106 100

91 204.3 143.0 265.6

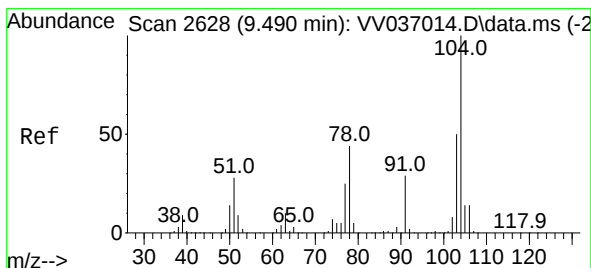
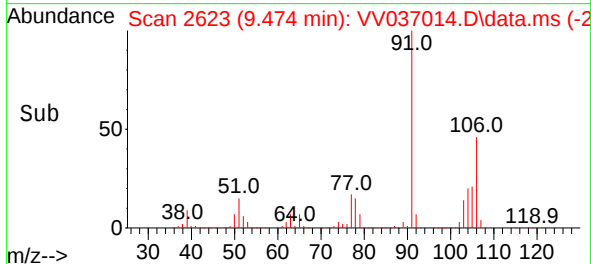
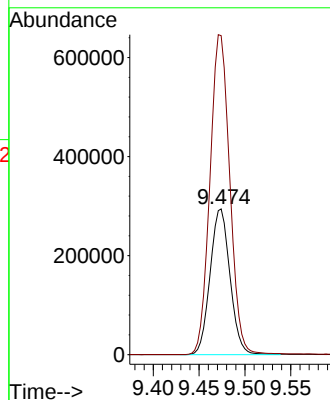
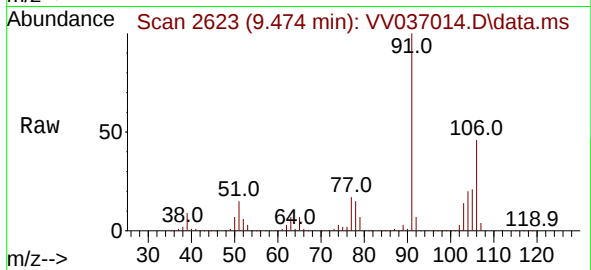




#54
o-Xylene
Concen: 54.710 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

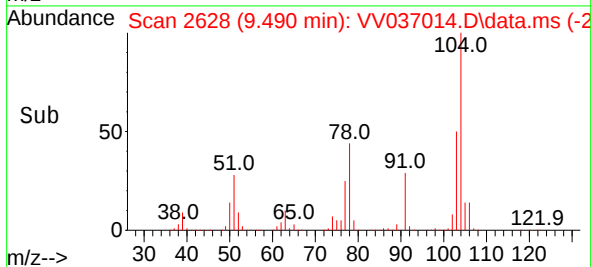
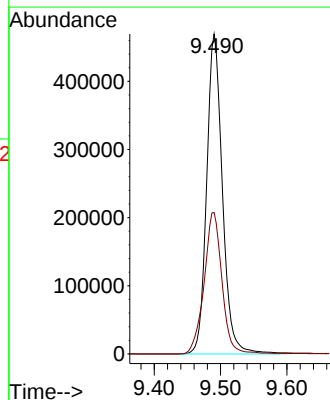
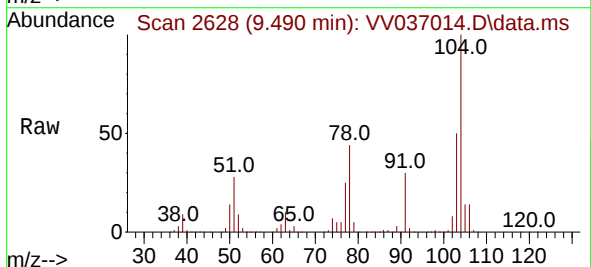
Instrument :
MSVOA_V
ClientSampleId :

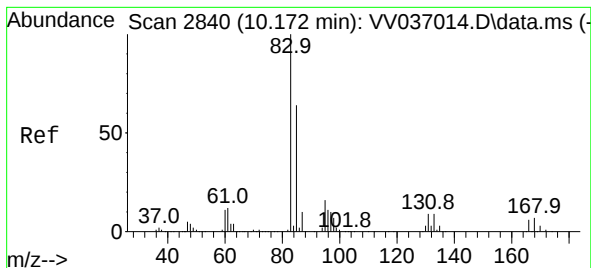
Tgt Ion:106 Resp: 444323
Ion Ratio Lower Upper
106 100
91 218.9 153.2 284.6



#55
Styrene
Concen: 55.379 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037014.D
Acq: 26 Aug 2024 09:55

Tgt Ion:104 Resp: 775479
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 53.777 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

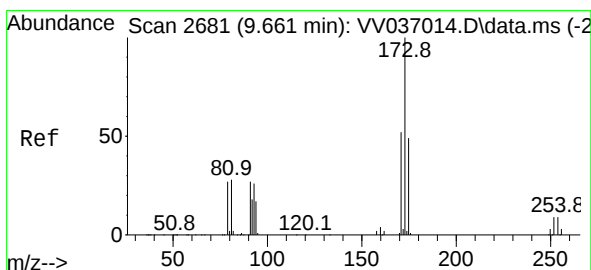
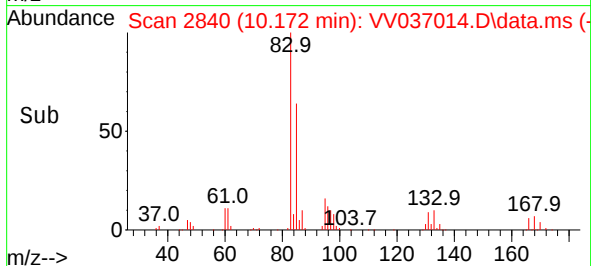
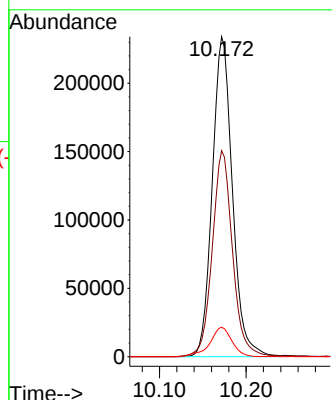
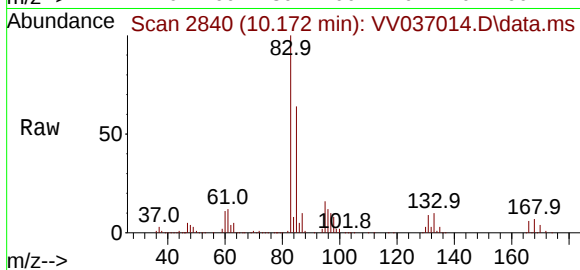
Tgt Ion: 83 Resp: 378369

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

131 9.2 7.4 11.0



#59

Bromoform

Concen: 54.232 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

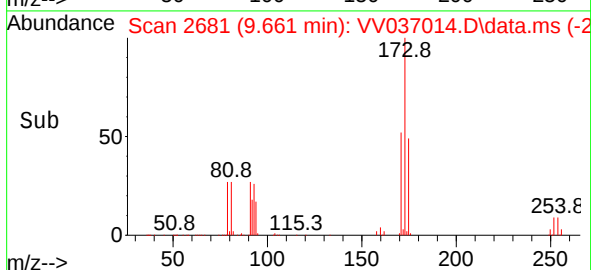
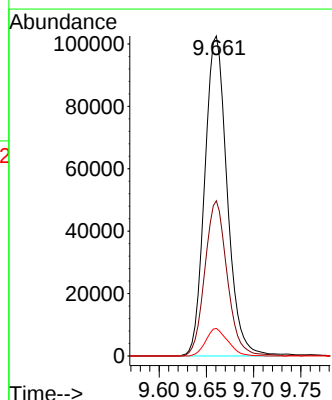
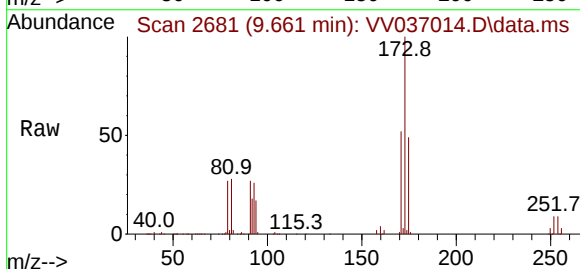
Tgt Ion: 173 Resp: 169074

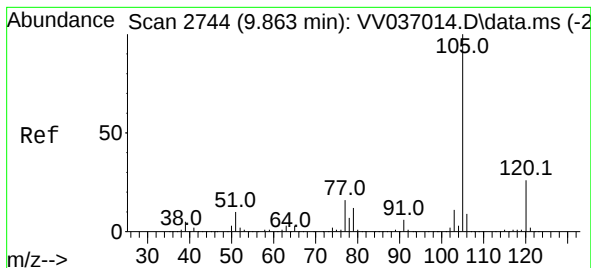
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 55.286 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

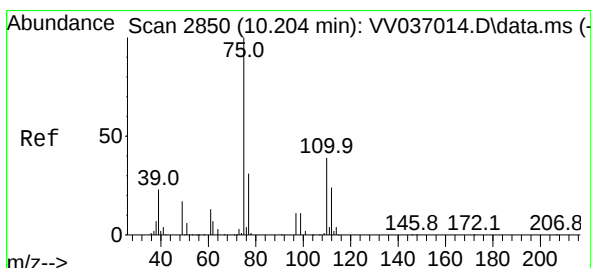
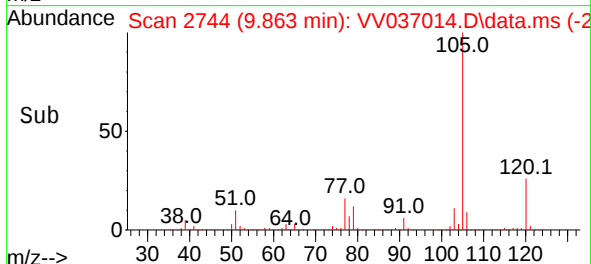
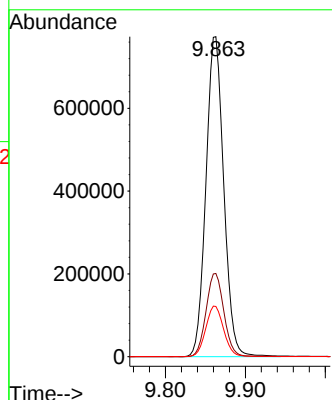
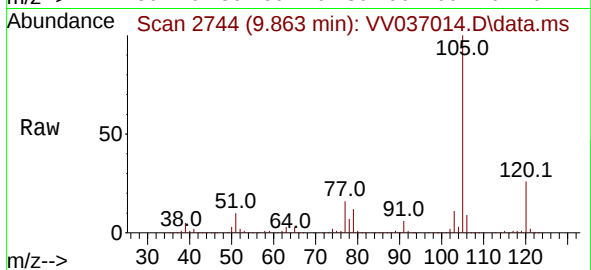
Tgt Ion:105 Resp: 1198683

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 54.072 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

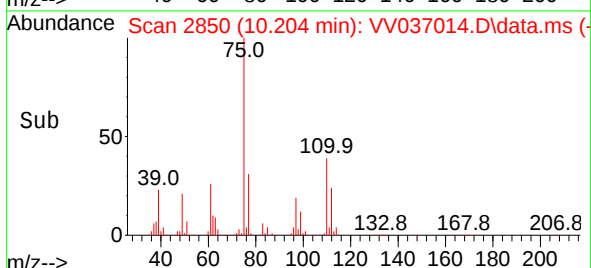
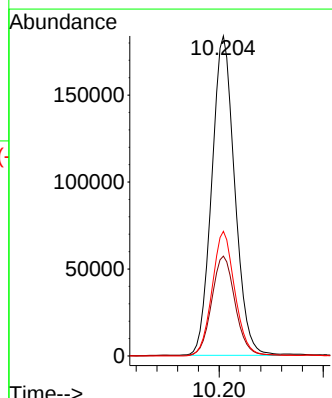
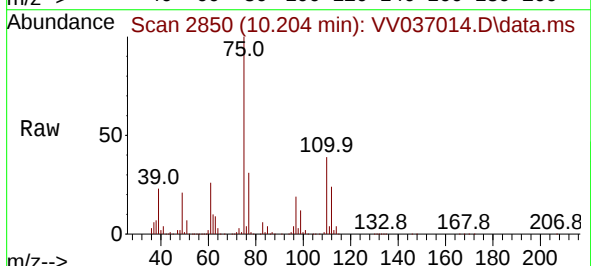
Tgt Ion: 75 Resp: 281315

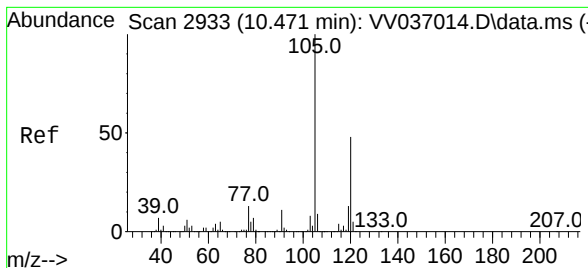
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 38.9 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 55.582 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

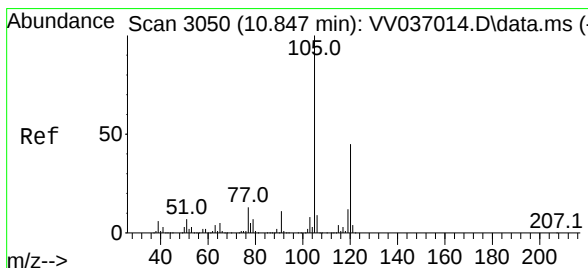
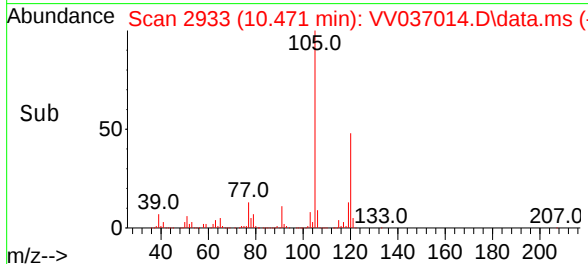
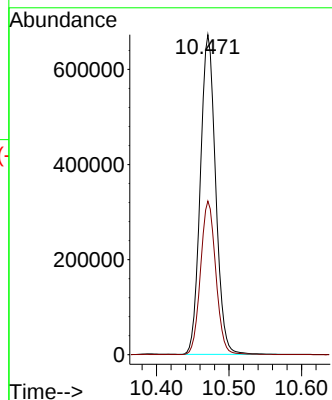
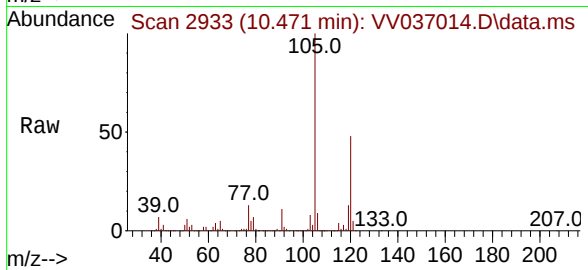
ClientSampleId :

Tgt Ion:105 Resp: 985963

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 55.565 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037014.D

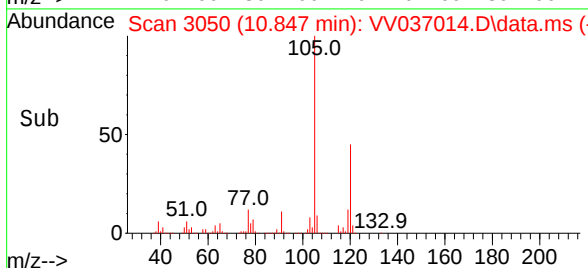
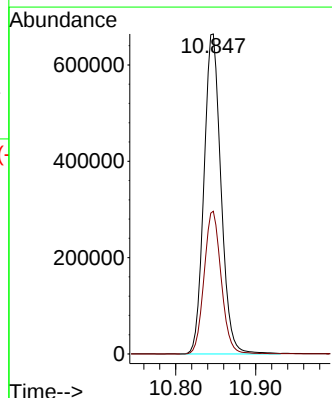
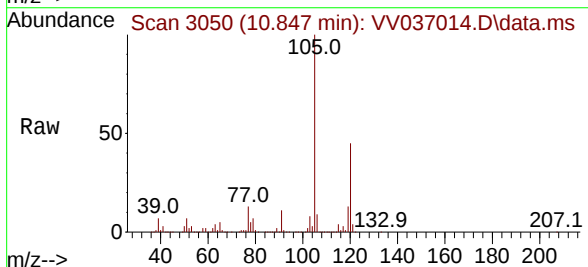
Acq: 26 Aug 2024 09:55

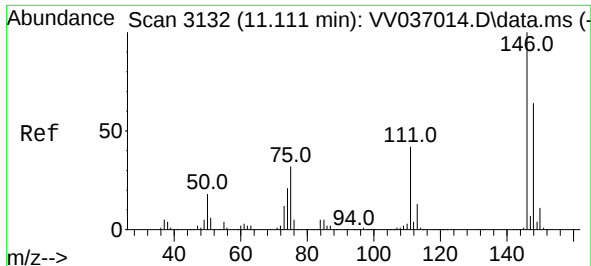
Tgt Ion:105 Resp: 983650

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 53.673 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

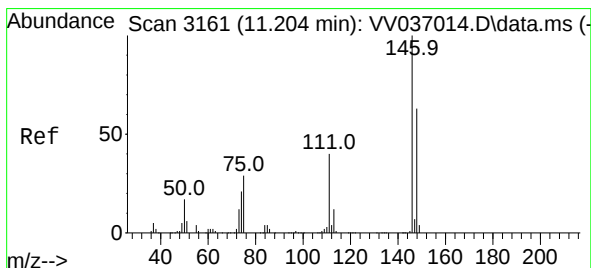
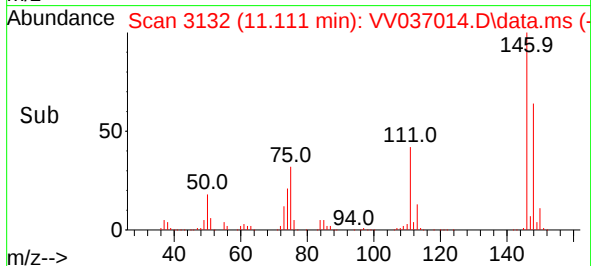
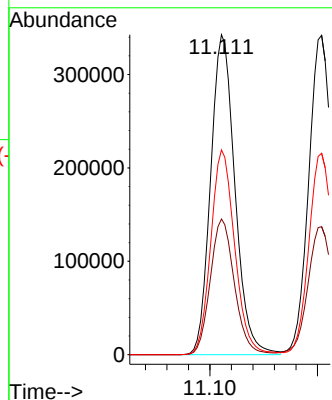
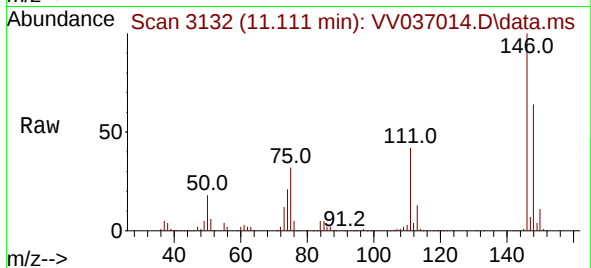
Tgt Ion:146 Resp: 537358

Ion Ratio Lower Upper

146 100

111 42.4 29.7 55.1

148 64.0 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 53.485 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

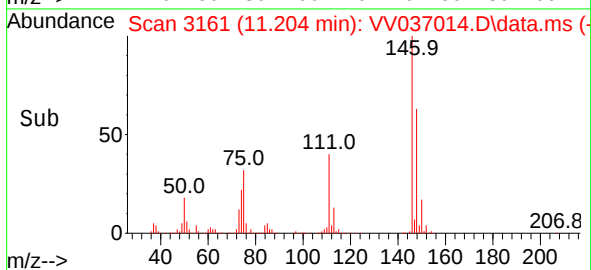
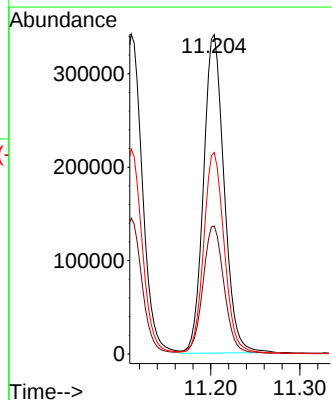
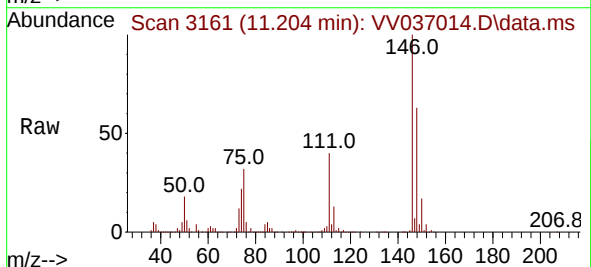
Tgt Ion:146 Resp: 548062

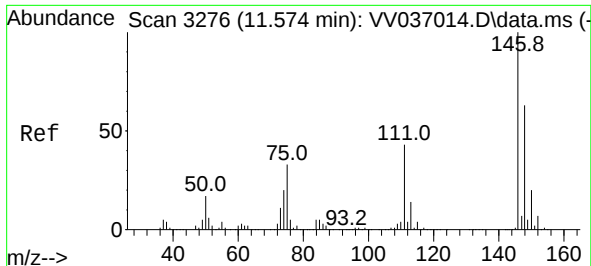
Ion Ratio Lower Upper

146 100

111 40.1 28.1 52.1

148 63.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 53.907 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

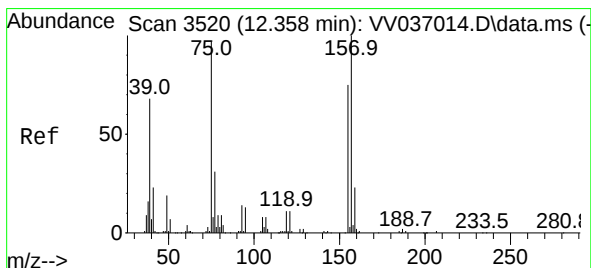
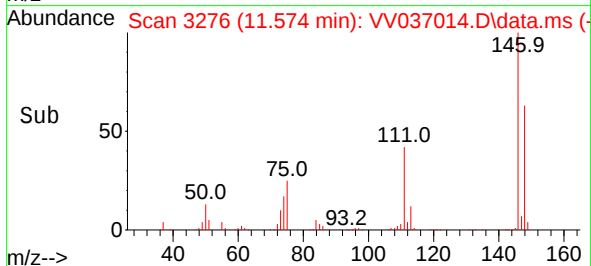
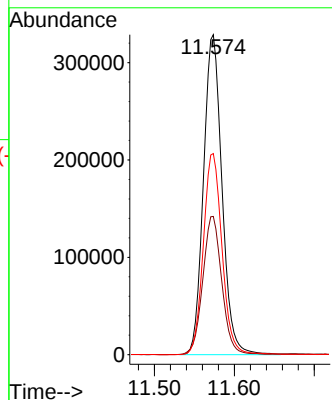
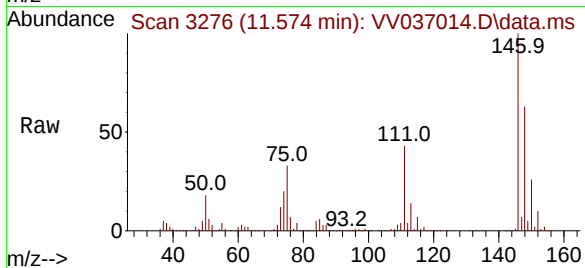
Tgt Ion:146 Resp: 530675

Ion Ratio Lower Upper

146 100

111 43.2 34.6 51.8

148 62.8 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 53.327 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

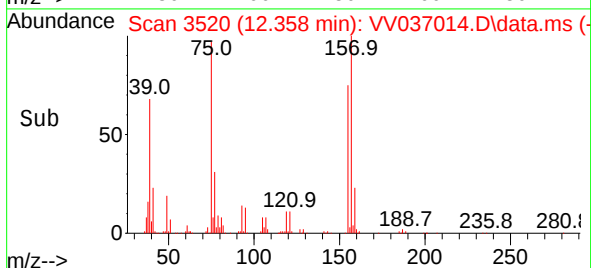
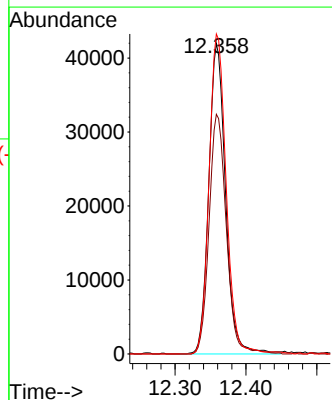
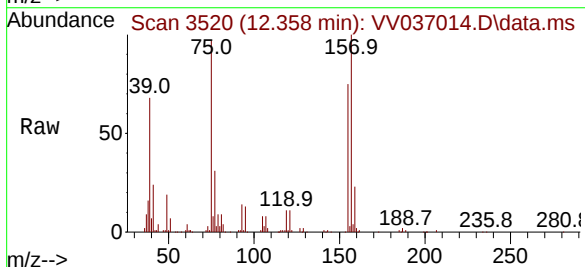
Tgt Ion: 75 Resp: 69190

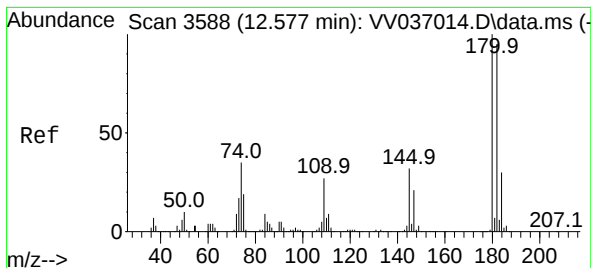
Ion Ratio Lower Upper

75 100

155 77.2 61.8 92.6

157 103.1 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 53.138 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

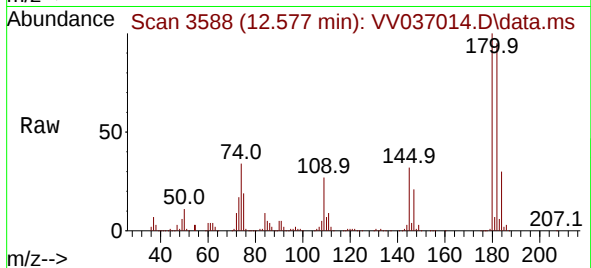
Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 370177

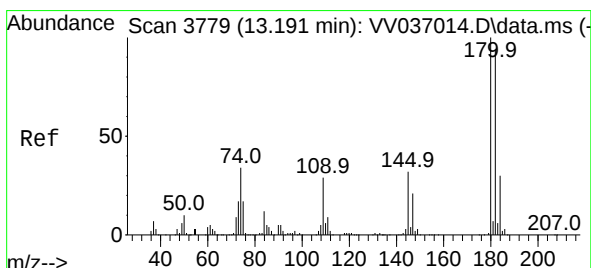
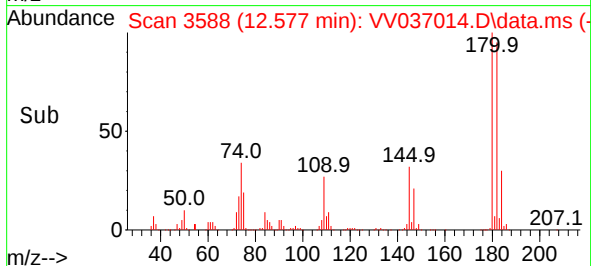
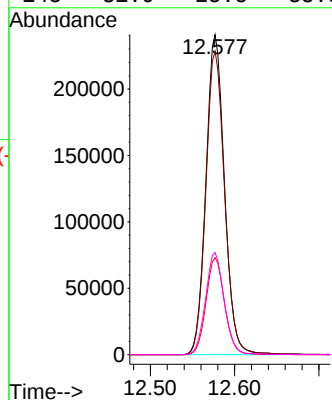
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

184 30.2 24.2 36.2

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 52.912 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

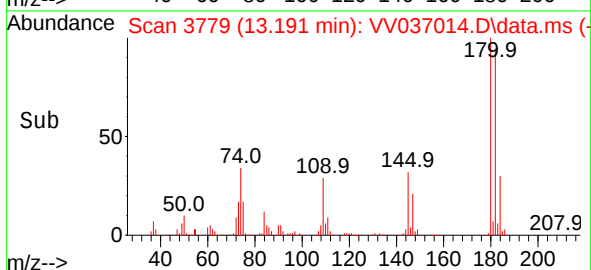
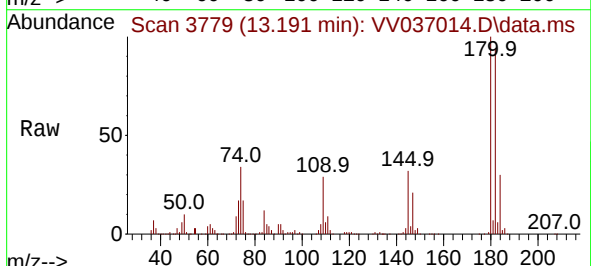
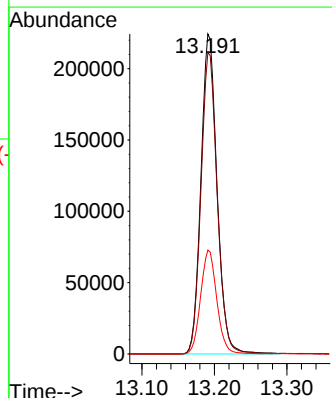
Tgt Ion:180 Resp: 347092

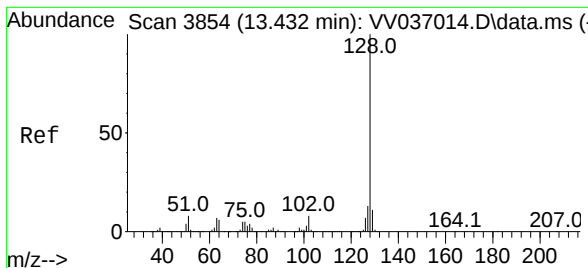
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 32.5 26.0 39.0





#71

Naphthalene

Concen: 52.427 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :

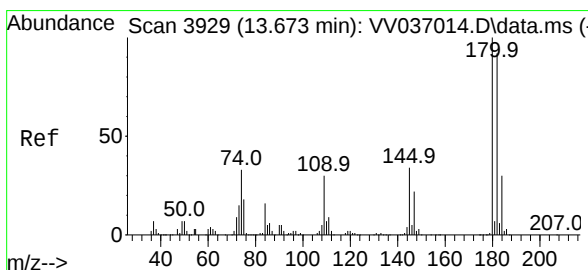
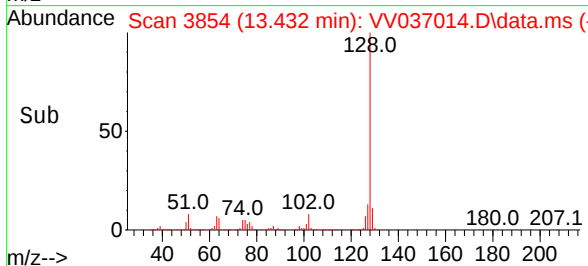
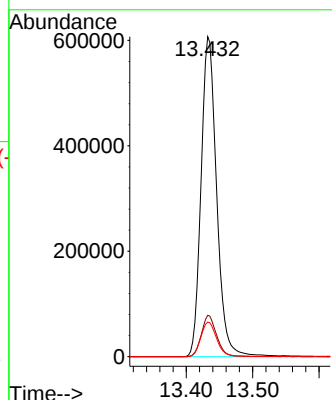
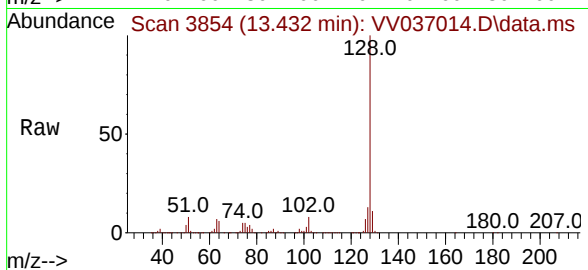
Tgt Ion:128 Resp: 993067

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 53.626 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037014.D

Acq: 26 Aug 2024 09:55

Tgt Ion:180 Resp: 346660

Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

145 33.7 27.0 40.4

