

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037013.D
 Acq On : 26 Aug 2024 09:33
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:03:18 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	653336	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	622094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	304255	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65346	10.934	ug/L	0.00
7) Chloroethane-d5	1.532	69	49081	10.626	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	26668	10.617	ug/L	0.00
21) 2-Butanone-d5	3.809	46	35683	16.247	ug/L	0.02
24) Chloroform-d	4.246	84	97883	10.465	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	62470	10.605	ug/L	0.00
32) Benzene-d6	4.957	84	200987	10.697	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	65280	11.092	ug/L	0.00
41) Toluene-d8	7.243	98	177438	10.463	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	27447	10.081	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	27146	17.496	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.149	84	73815	10.342	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	66040	10.838	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	43676	7.911	ug/L	97
3) Chloromethane	1.217	50	49786	8.018	ug/L	96
5) Vinyl chloride	1.281	62	46537	7.984	ug/L	95
6) Bromomethane	1.487	94	25757	7.886	ug/L	100
8) Chloroethane	1.548	64	27913	7.829	ug/L	98
9) Trichlorofluoromethane	1.712	101	59705	7.849	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	36154	7.991	ug/L	99
12) 1,1-Dichloroethene	2.069	96	33480	7.855	ug/L #	72
13) Acetone	2.114	43	46372	19.146	ug/L	98
14) Carbon disulfide	2.240	76	102513	7.922	ug/L	100
15) Methyl Acetate	2.371	43	34166	8.210	ug/L	98
16) Methylene chloride	2.445	84	40022	8.322	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	34743	7.852	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	111714	8.026	ug/L	99
19) 1,1-Dichloroethane	3.105	63	69098	7.863	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	38336	7.840	ug/L	95
22) 2-Butanone	3.889	43	36741	13.960	ug/L	89
23) Bromochloromethane	4.146	128	19419	8.091	ug/L	98
25) Chloroform	4.272	83	74202	8.338	ug/L	100
27) 1,2-Dichloroethane	5.043	62	47726	7.350	ug/L	98
29) Cyclohexane	4.574	56	53942	7.375	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	55120	7.700	ug/L	99
31) Carbon tetrachloride	4.728	117	46630	7.720	ug/L	99
33) Benzene	5.008	78	142269	7.924	ug/L	100
34) Trichloroethene	5.831	95	37373	7.887	ug/L	97
35) Methylcyclohexane	6.043	83	56905	7.456	ug/L	98
37) 1,2-Dichloropropane	6.095	63	36732	7.623	ug/L #	96
38) Bromodichloromethane	6.432	83	47634	7.722	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	54921	7.327	ug/L	96
40) 4-Methyl-2-pentanone	7.165	43	67167	14.128	ug/L	98
42) Toluene	7.313	91	143701	7.688	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	43763	6.532	ug/L	99

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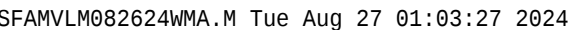
Quant Time: Aug 27 01:03:18 2024
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
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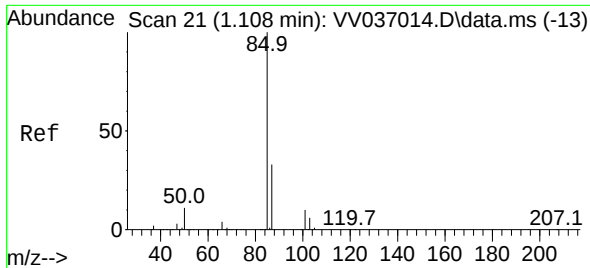
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	34049	7.599	ug/L	97
46) Tetrachloroethene	7.902	164	25722	7.565	ug/L	99
48) 2-Hexanone	8.082	43	48727	13.268	ug/L #	93
49) Dibromochloromethane	8.172	129	33311	7.425	ug/L	94
50) 1,2-Dibromoethane	8.284	107	34858	7.688	ug/L	94
51) Chlorobenzene	8.812	112	98032	7.922	ug/L	97
52) Ethylbenzene	8.944	91	155871	7.382	ug/L	100
53) m,p-Xylene	9.069	106	56551	7.229	ug/L	97
54) o-Xylene	9.474	106	54538	7.120	ug/L	99
55) Styrene	9.497	104	90720	6.869	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	50583	7.623	ug/L	99
59) Bromoform	9.661	173	21834	7.698	ug/L #	95
60) Isopropylbenzene	9.863	105	149625	7.586	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	38142	8.059	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	117216	7.263	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	114421	7.105	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	69732	7.656	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	75010	8.047	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	71247	7.956	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	8329	7.056	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	46930	7.405	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	43948	7.364	ug/L	98
71) Naphthalene	13.435	128	113205	6.569	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	42995	7.311	ug/L	100

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

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QLast Update : Tue Aug 27 01:02:05 2024
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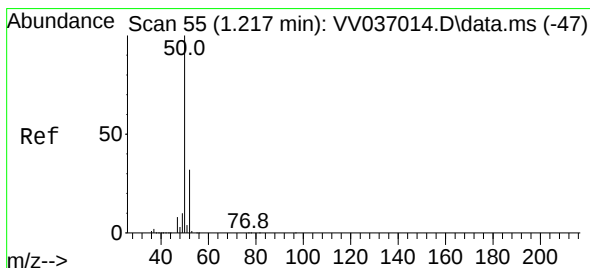
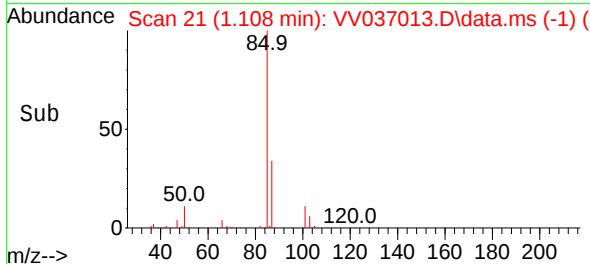
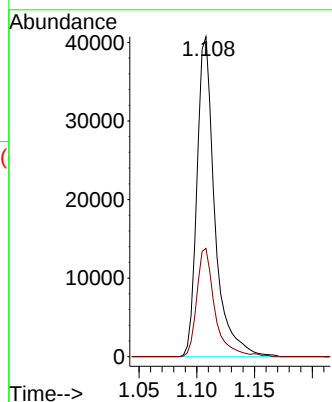
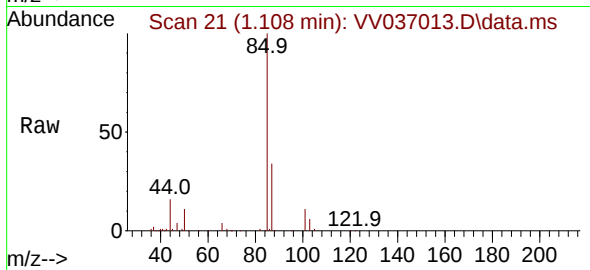




#2
 Dichlorodifluoromethane
 Concen: 7.911 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037013.D
 Acq: 26 Aug 2024 09:33

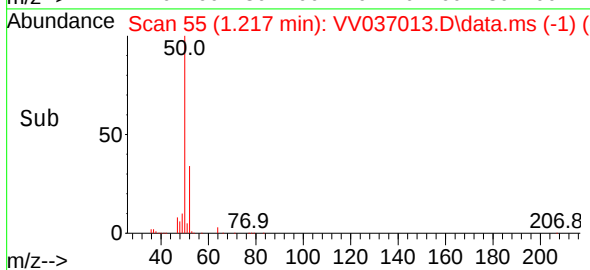
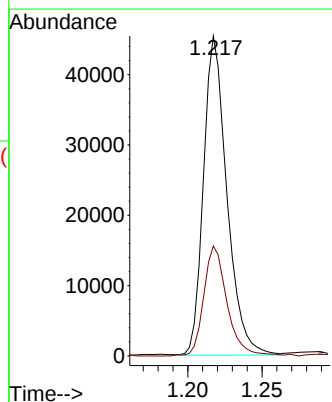
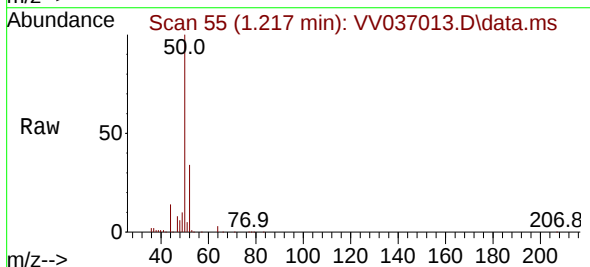
Instrument :
 MSVOA_V
 ClientSampleId :

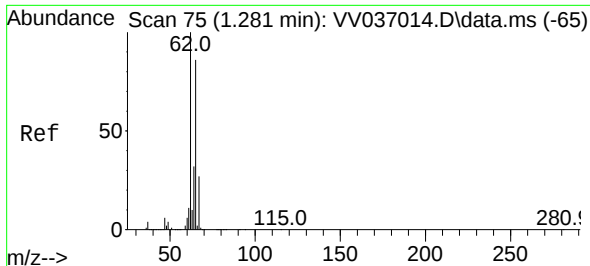
Tgt Ion: 85 Resp: 43676
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.9 38.9



#3
 Chloromethane
 Concen: 8.018 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037013.D
 Acq: 26 Aug 2024 09:33

Tgt Ion: 50 Resp: 49786
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.5 41.9

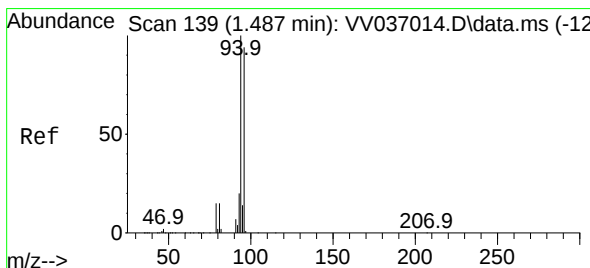
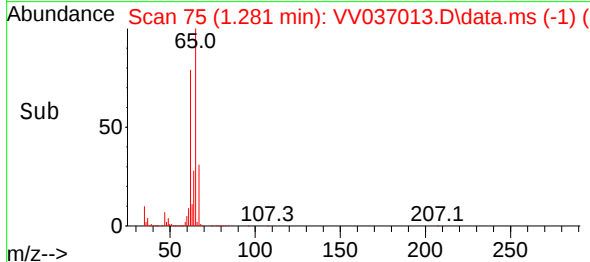
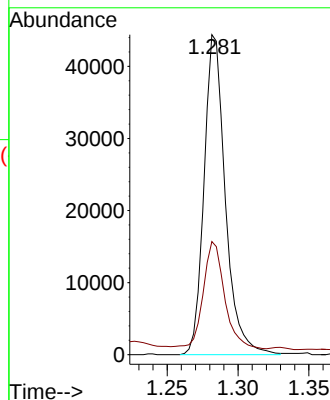
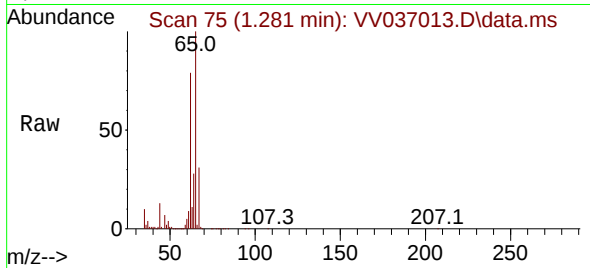




#5
 Vinyl chloride
 Concen: 7.984 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037013.D
 Acq: 26 Aug 2024 09:33

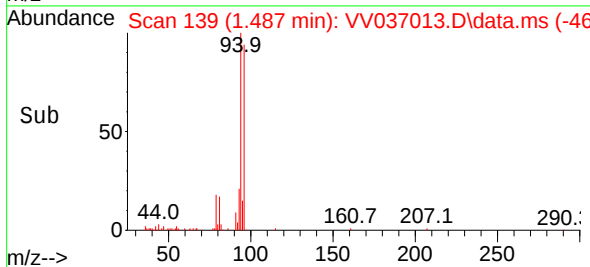
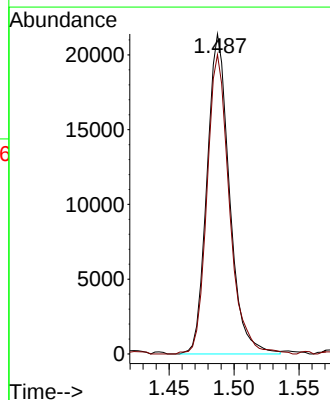
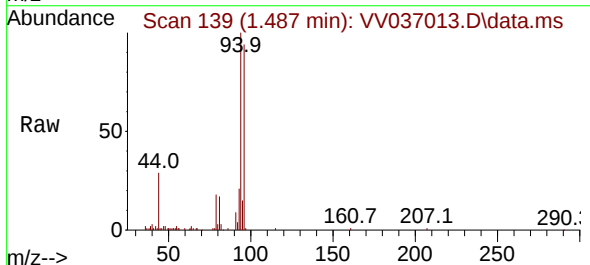
Instrument :
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 ClientSampleId :

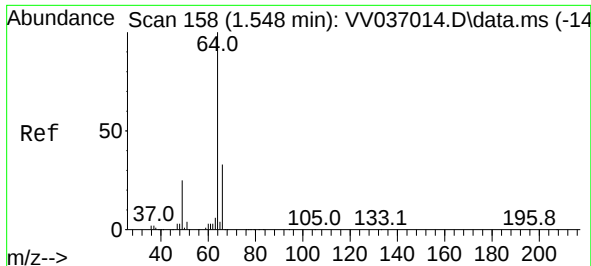
Tgt Ion: 62 Resp: 46537
 Ion Ratio Lower Upper
 62 100
 64 35.4 22.8 42.4



#6
 Bromomethane
 Concen: 7.886 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037013.D
 Acq: 26 Aug 2024 09:33

Tgt Ion: 94 Resp: 25757
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.6 121.8

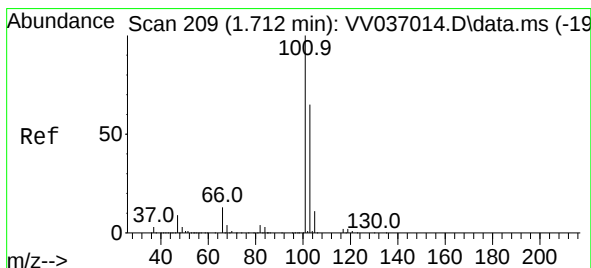
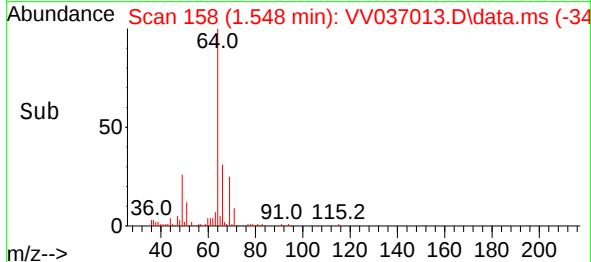
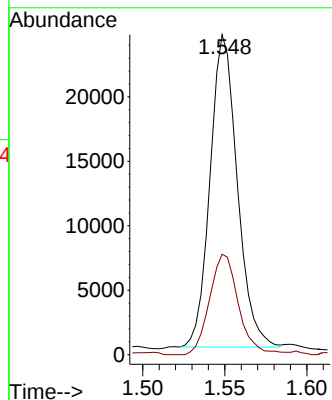
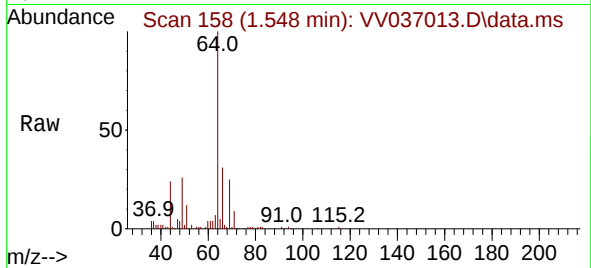




#8
Chloroethane
Concen: 7.829 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

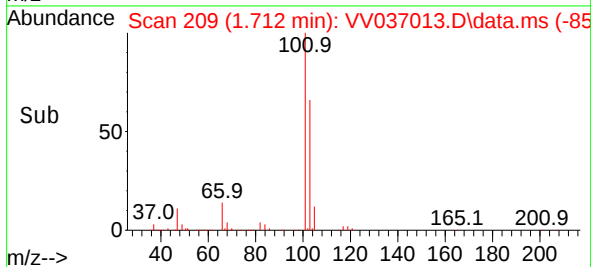
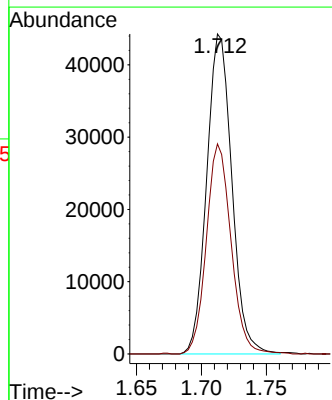
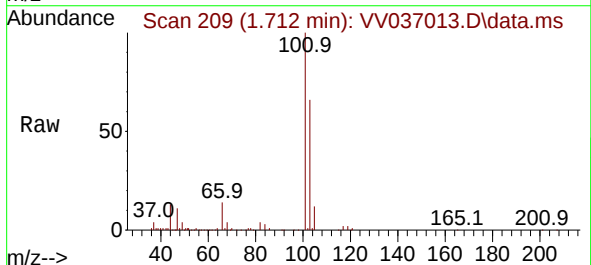
Instrument :
MSVOA_V
ClientSampleId :

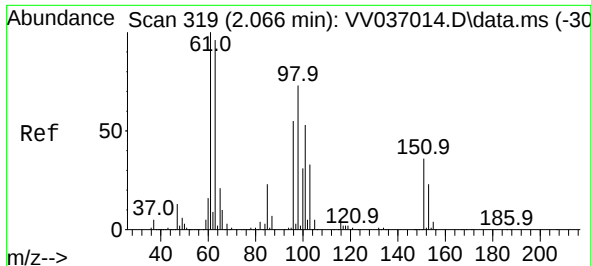
Tgt Ion: 64 Resp: 27913
Ion Ratio Lower Upper
64 100
66 31.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 7.849 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

Tgt Ion:101 Resp: 59705
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5





#10

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

Concen: 7.991 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

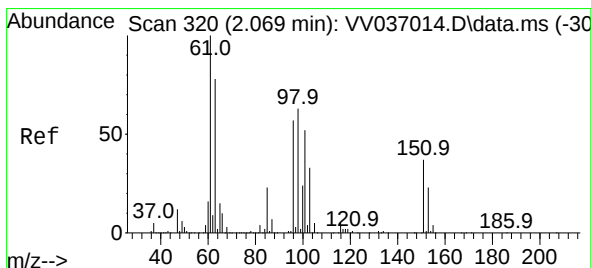
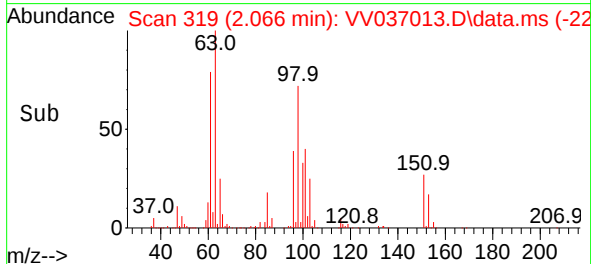
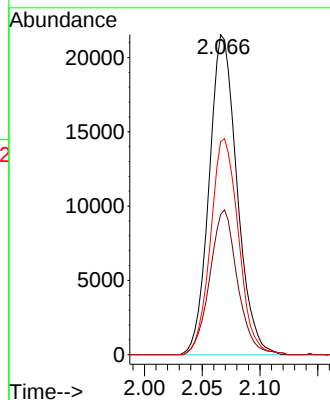
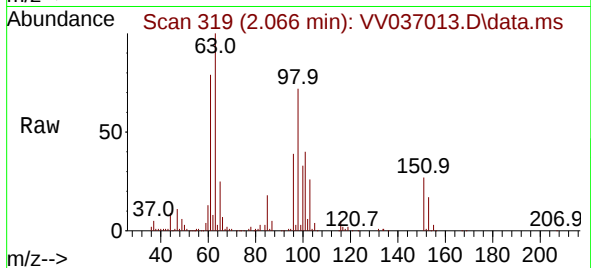
Tgt Ion:101 Resp: 36154

Ion Ratio Lower Upper

101 100

85 44.9 35.6 53.4

151 67.8 55.0 82.4



#12

1,1-Dichloroethene

Concen: 7.855 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

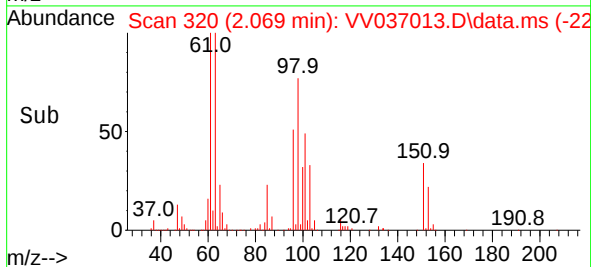
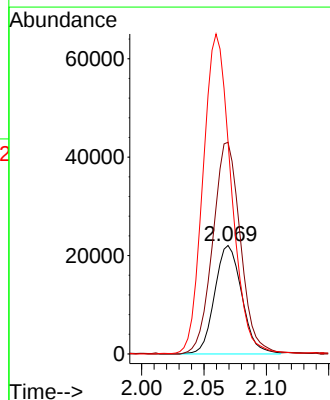
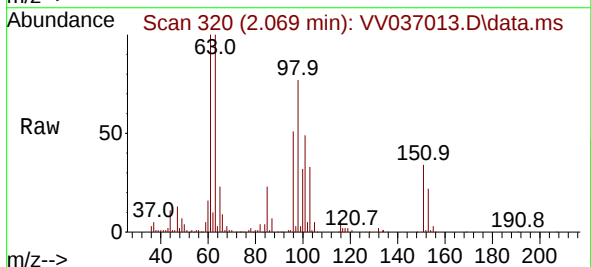
Tgt Ion: 96 Resp: 33480

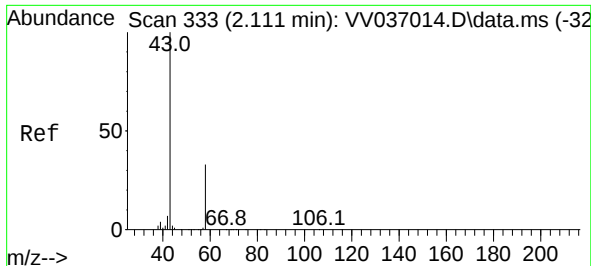
Ion Ratio Lower Upper

96 100

61 195.1 123.8 229.8

63 195.6 96.5 179.1#





#13

Acetone

Concen: 19.146 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

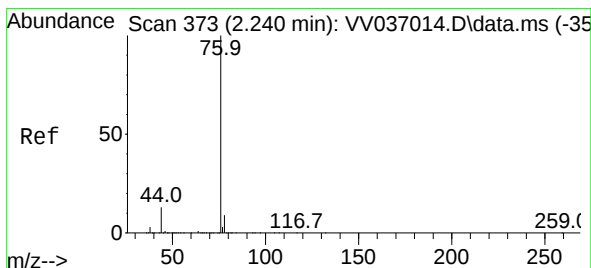
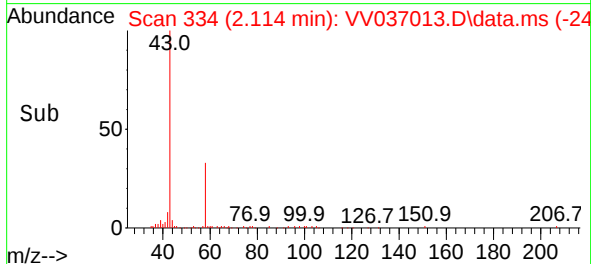
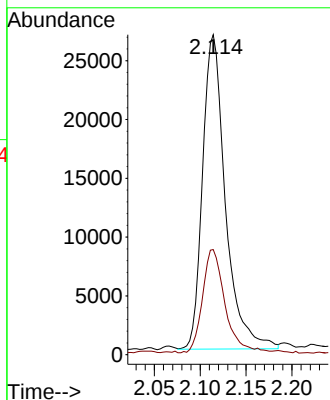
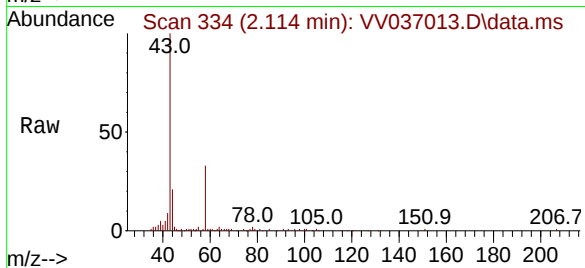
ClientSampleId :

Tgt Ion: 43 Resp: 46372

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.8



#14

Carbon disulfide

Concen: 7.922 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037013.D

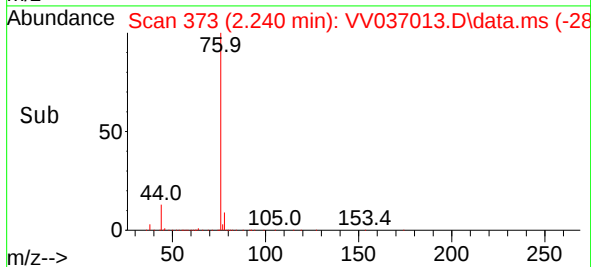
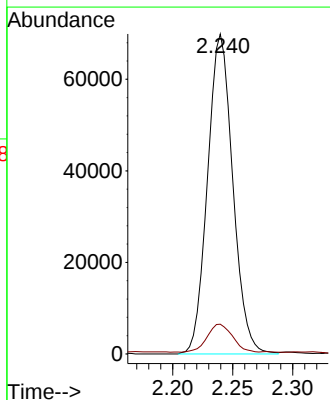
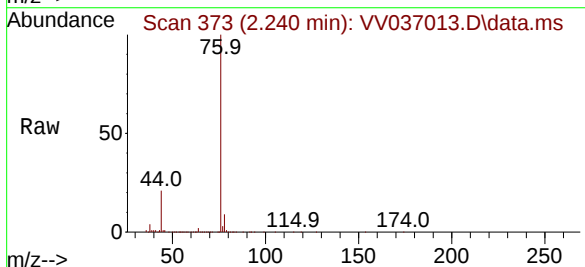
Acq: 26 Aug 2024 09:33

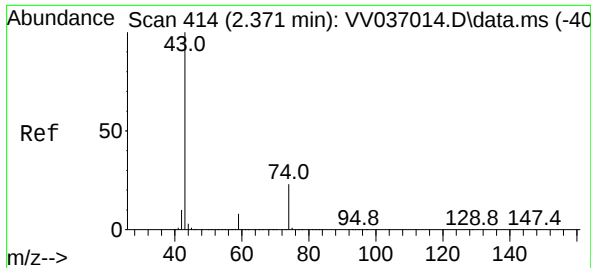
Tgt Ion: 76 Resp: 102513

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

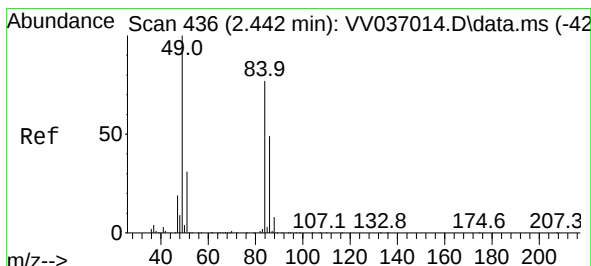
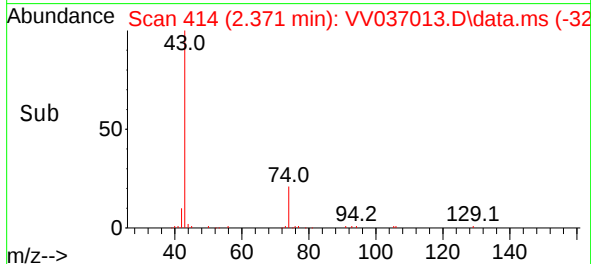
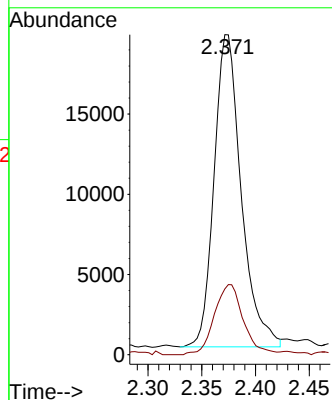
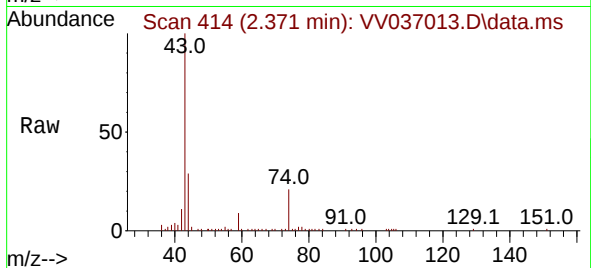




#15
Methyl Acetate
Concen: 8.210 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

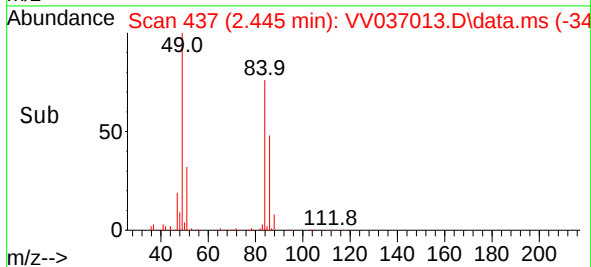
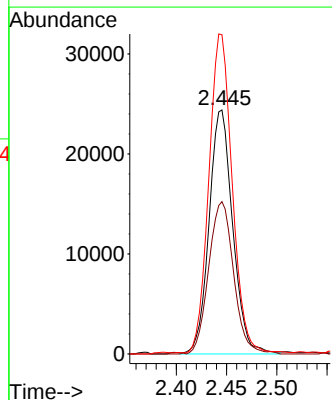
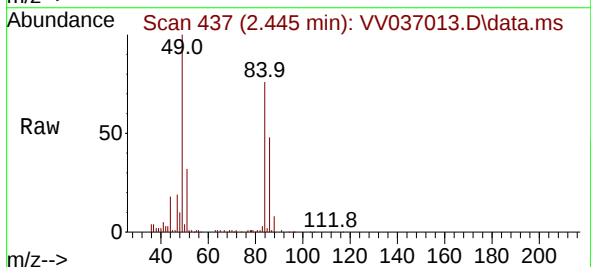
Instrument :
MSVOA_V
ClientSampleId :

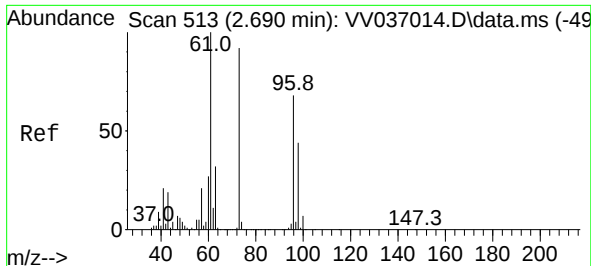
Tgt Ion: 43 Resp: 34166
Ion Ratio Lower Upper
43 100
74 23.9 18.4 27.6



#16
Methylene chloride
Concen: 8.322 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

Tgt Ion: 84 Resp: 40022
Ion Ratio Lower Upper
84 100
86 62.4 44.7 82.9
49 130.8 91.4 169.8

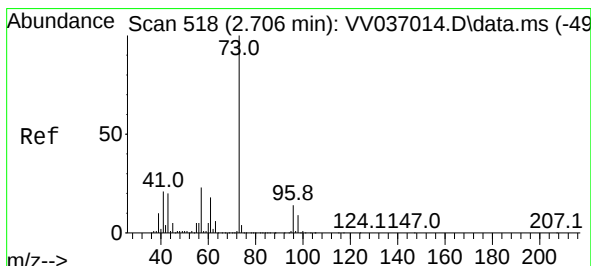
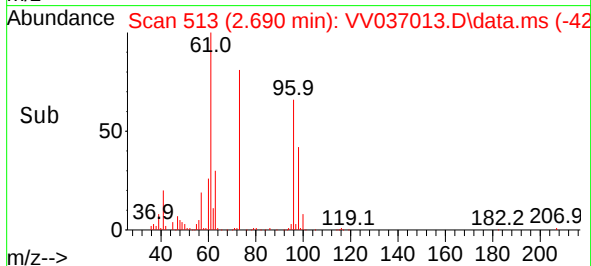
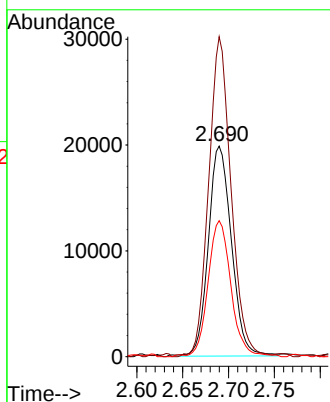
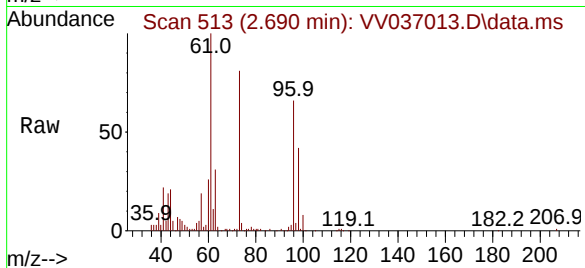




#17
trans-1,2-Dichloroethene
Concen: 7.852 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

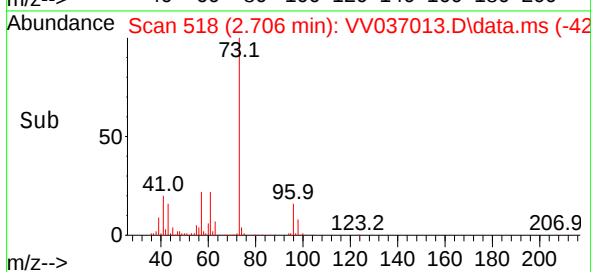
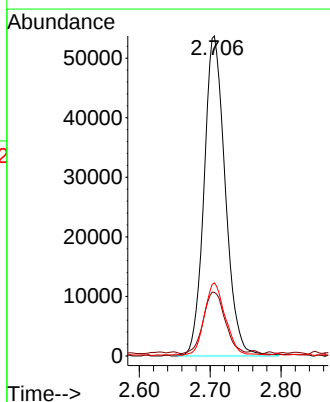
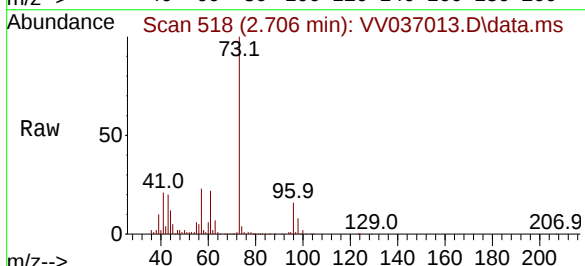
Instrument :
MSVOA_V
ClientSampleId :

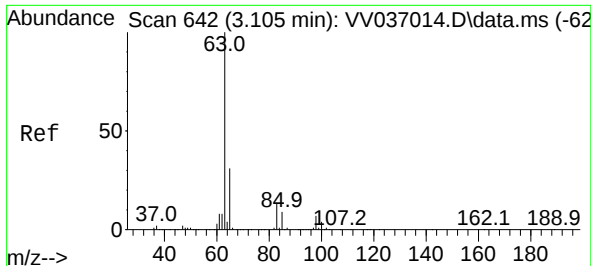
Tgt Ion: 96 Resp: 34743
Ion Ratio Lower Upper
96 100
61 152.0 102.3 189.9
98 64.6 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 8.026 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

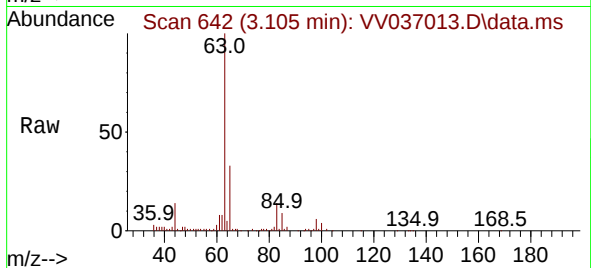
Tgt Ion: 73 Resp: 111714
Ion Ratio Lower Upper
73 100
43 19.7 15.8 23.6
57 22.1 18.1 27.1



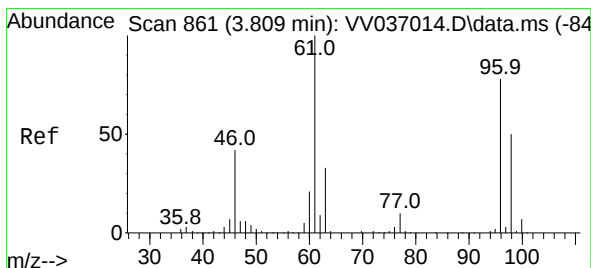
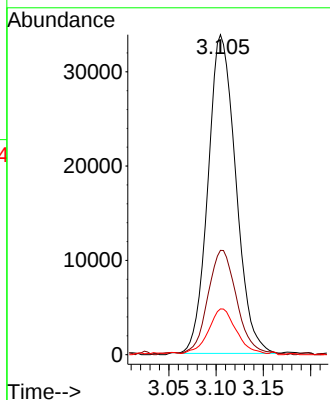
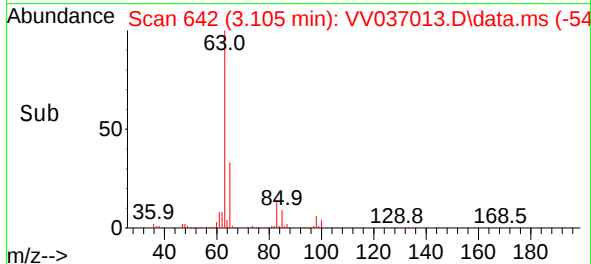


#19
1,1-Dichloroethane
Concen: 7.863 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

Instrument :
MSVOA_V
ClientSampleId :

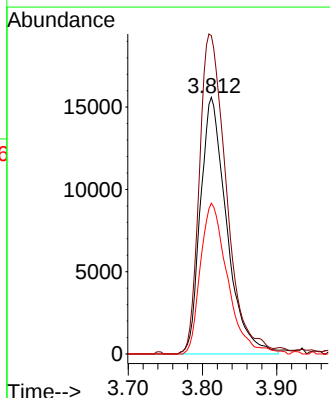
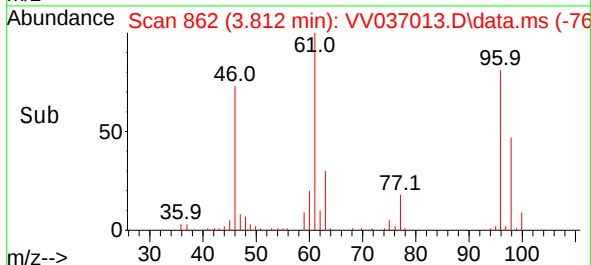
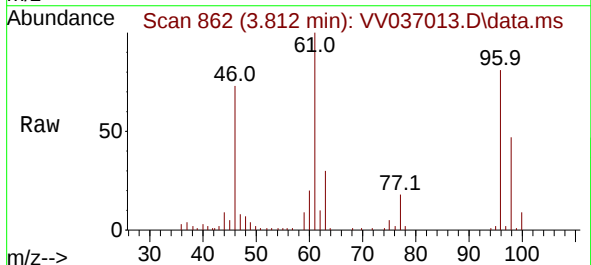


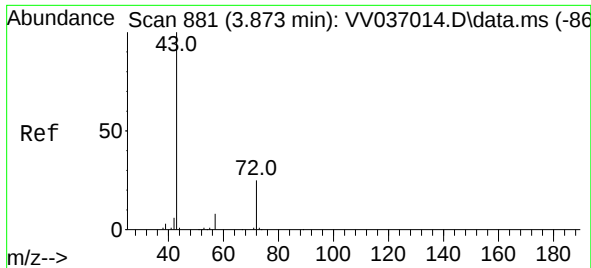
Tgt Ion: 63 Resp: 69098
Ion Ratio Lower Upper
63 100
65 32.6 22.0 41.0
83 14.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 7.840 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

Tgt Ion: 96 Resp: 38336
Ion Ratio Lower Upper
96 100
61 124.1 89.9 166.9
98 58.7 44.8 83.2

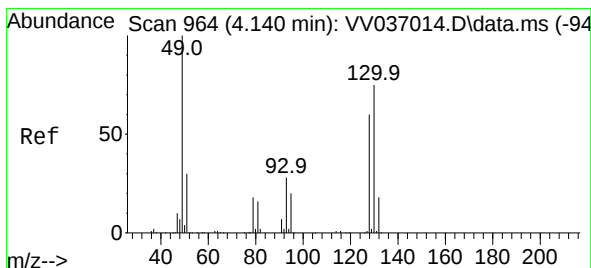
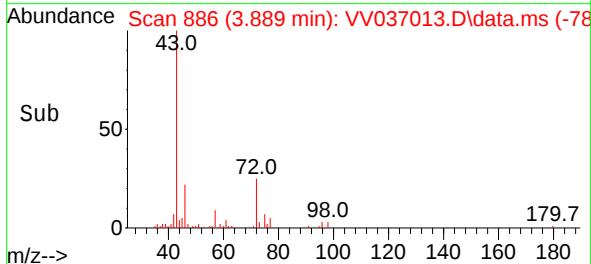
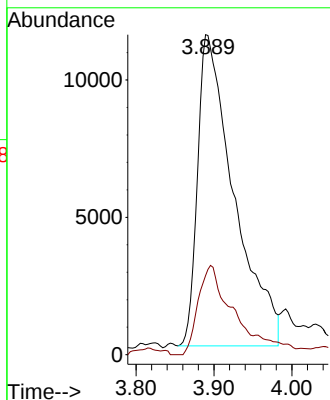
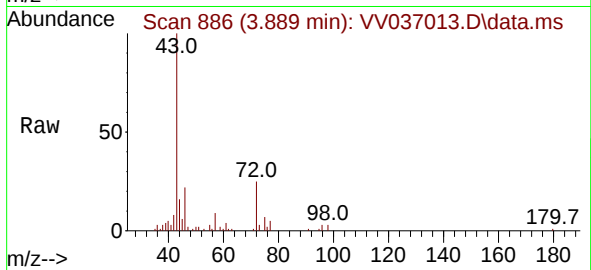




#22
2-Butanone
Concen: 13.960 ug/L
RT: 3.889 min Scan# 881
Delta R.T. 0.016 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

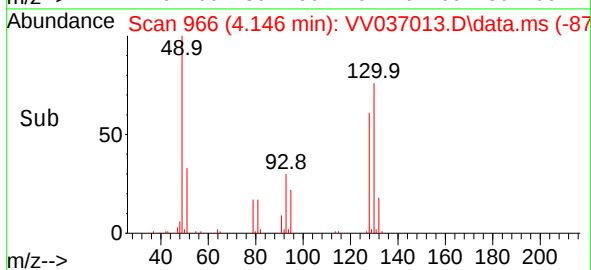
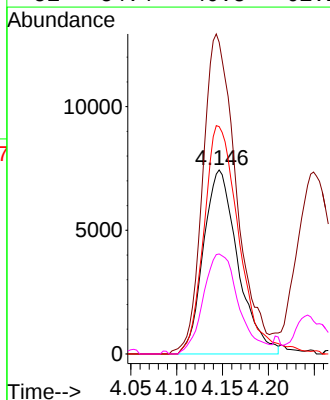
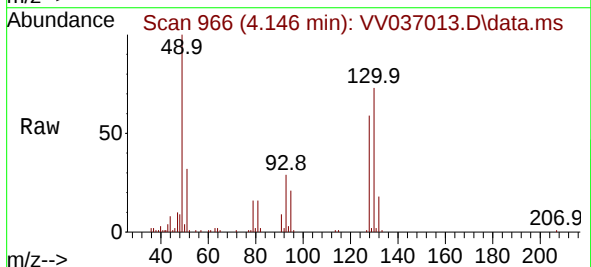
Instrument :
MSVOA_V
ClientSampleId :

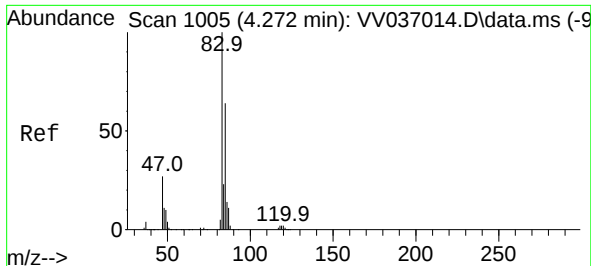
Tgt Ion: 43 Resp: 36741
Ion Ratio Lower Upper
43 100
72 19.6 12.7 38.0



#23
Bromochloromethane
Concen: 8.091 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.006 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

Tgt Ion:128 Resp: 19419
Ion Ratio Lower Upper
128 100
49 169.3 117.2 217.6
130 123.5 87.6 162.8
51 54.4 40.8 61.2





#25

Chloroform

Concen: 8.338 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

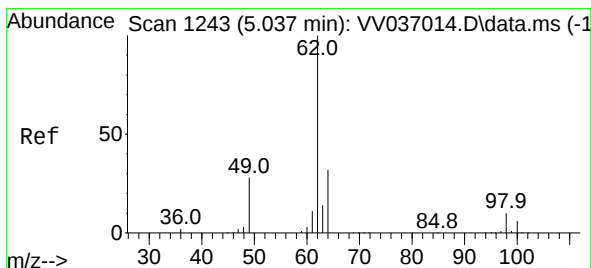
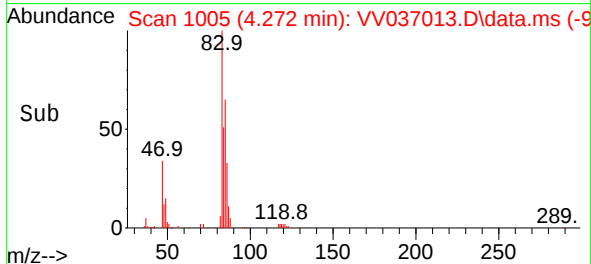
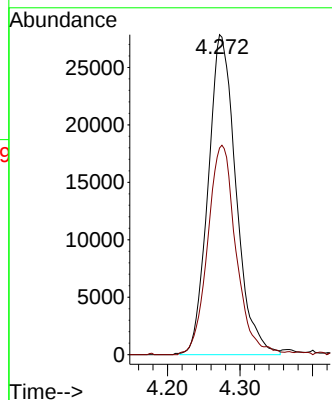
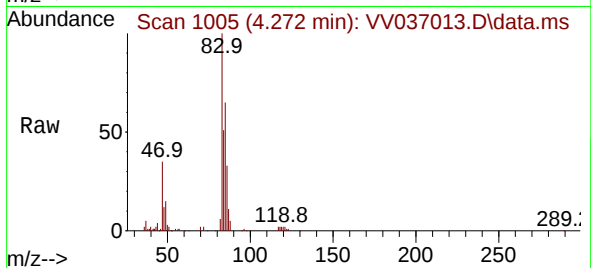
ClientSampleId :

Tgt Ion: 83 Resp: 74202

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 7.350 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VV037013.D

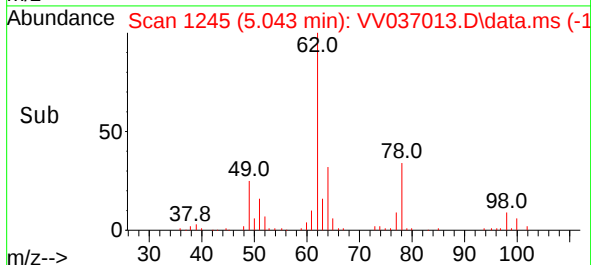
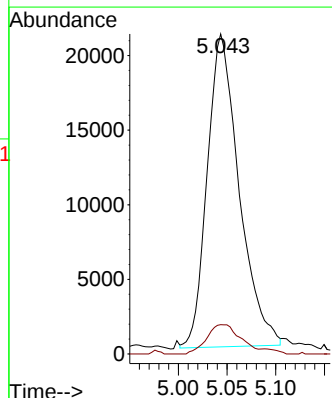
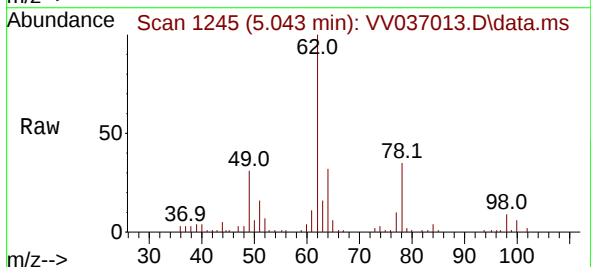
Acq: 26 Aug 2024 09:33

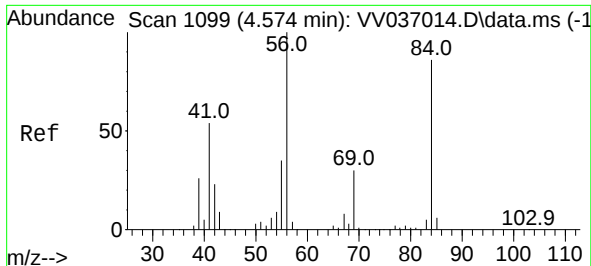
Tgt Ion: 62 Resp: 47726

Ion Ratio Lower Upper

62 100

98 9.2 8.0 12.0





#29

Cyclohexane

Concen: 7.375 ug/L

RT: 4.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

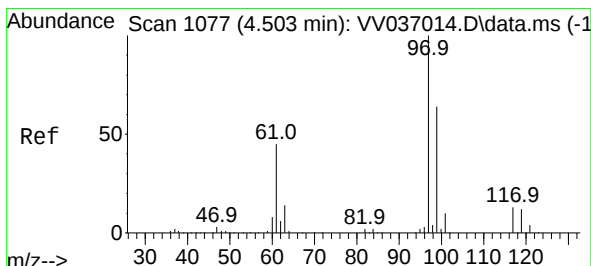
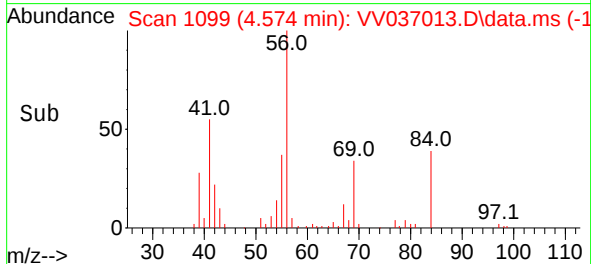
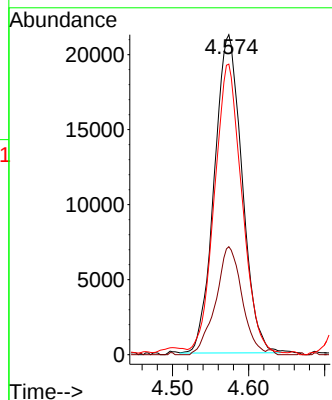
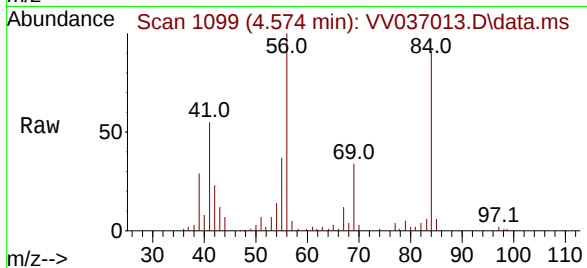
Tgt Ion: 56 Resp: 53942

Ion Ratio Lower Upper

56 100

69 32.0 24.2 36.4

84 91.3 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 7.700 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

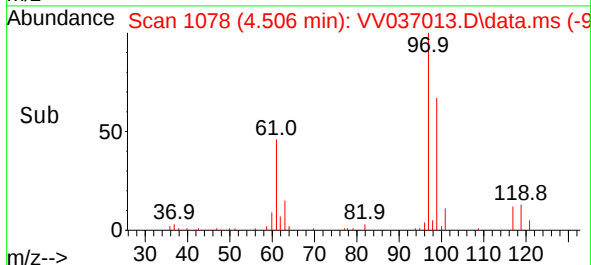
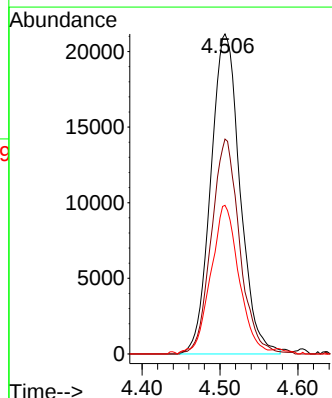
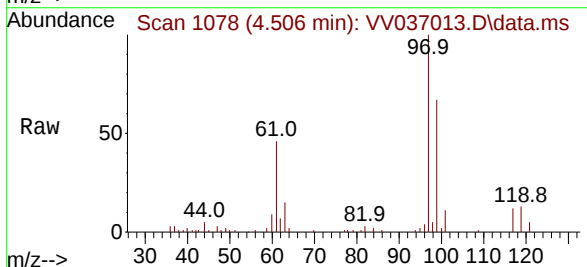
Tgt Ion: 97 Resp: 55120

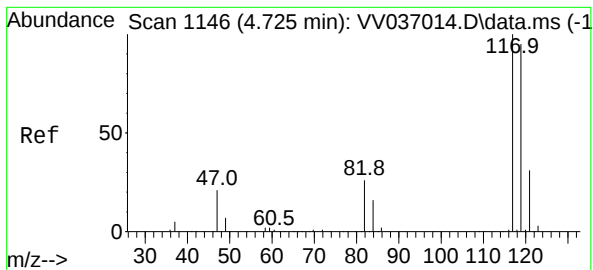
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 44.8 35.8 53.6





#31

Carbon tetrachloride

Concen: 7.720 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

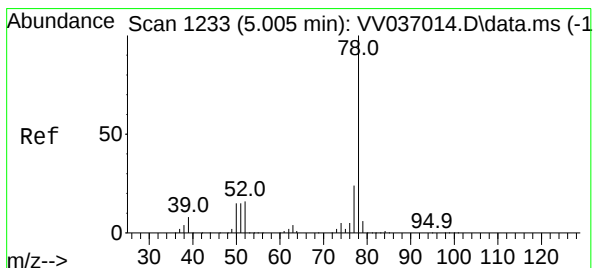
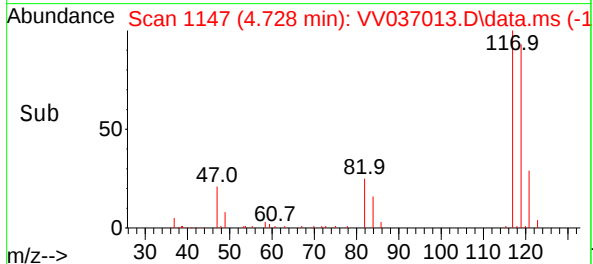
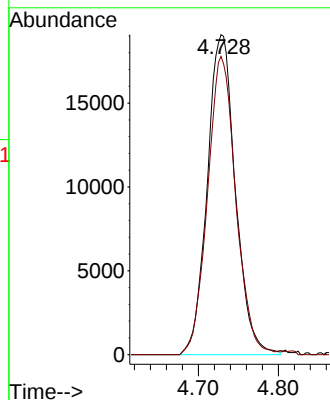
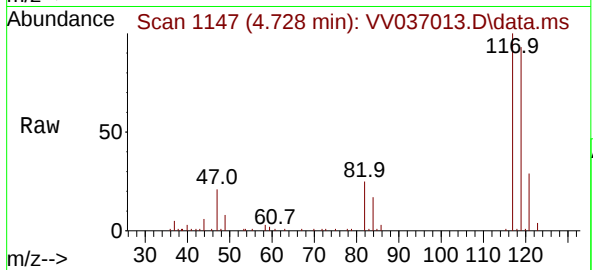
ClientSampleId :

Tgt Ion:117 Resp: 46630

Ion Ratio Lower Upper

117 100

119 93.5 75.8 113.6



#33

Benzene

Concen: 7.924 ug/L

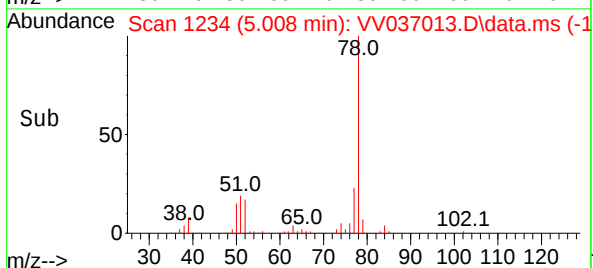
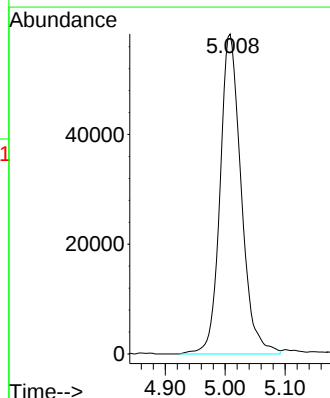
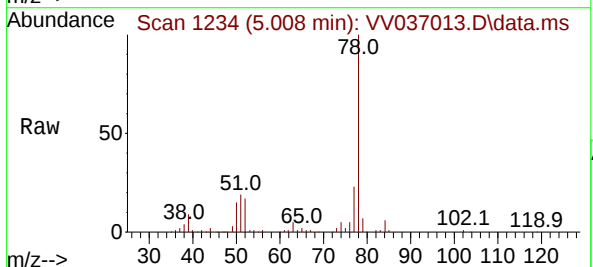
RT: 5.008 min Scan# 1234

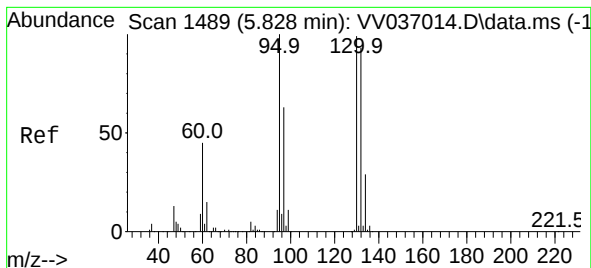
Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Tgt Ion: 78 Resp: 142269





#34

Trichloroethene

Concen: 7.887 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 37373

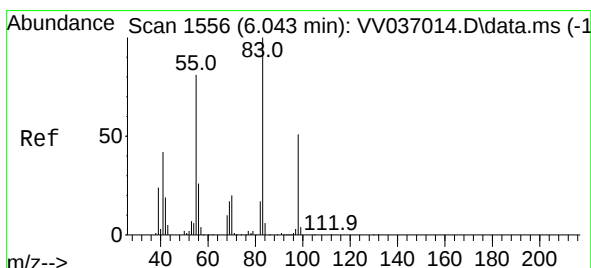
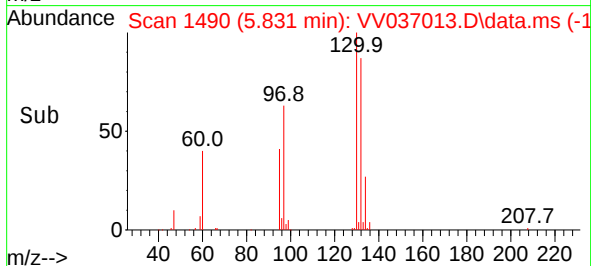
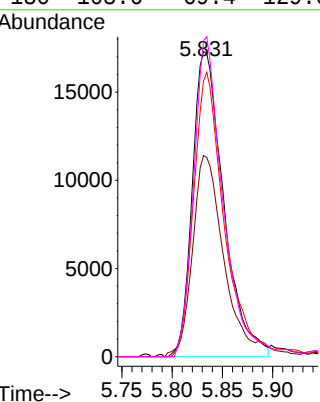
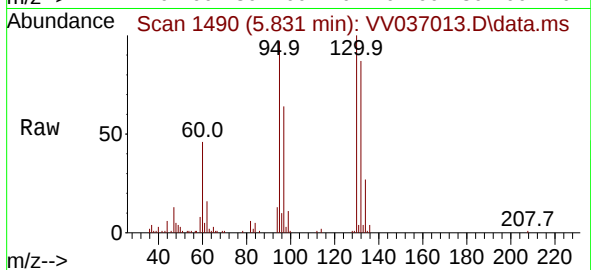
Ion Ratio Lower Upper

95 100

97 65.9 44.4 82.5

132 90.3 64.9 120.5

130 103.6 69.4 129.0



#35

Methylcyclohexane

Concen: 7.456 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

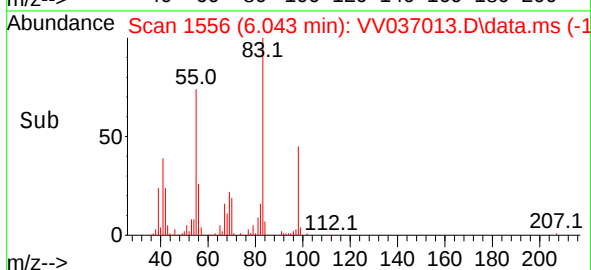
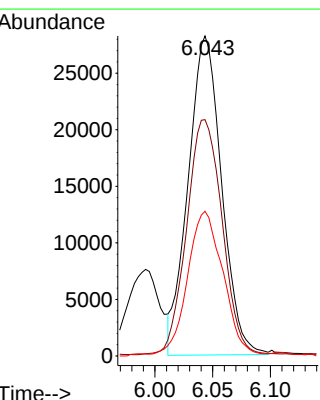
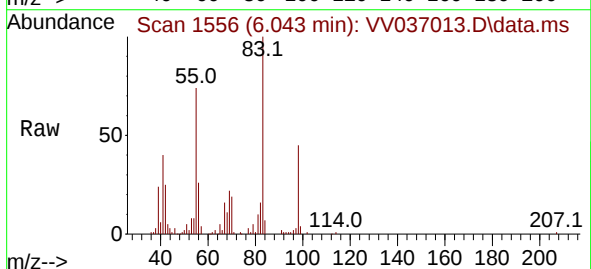
Tgt Ion: 83 Resp: 56905

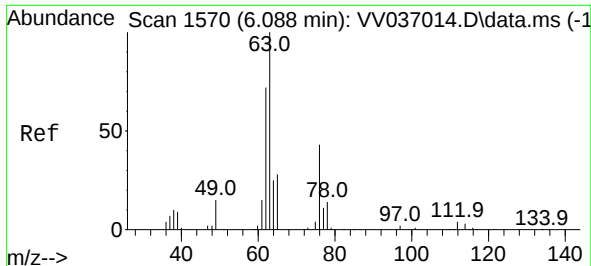
Ion Ratio Lower Upper

83 100

55 78.7 61.2 91.8

98 48.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 7.623 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

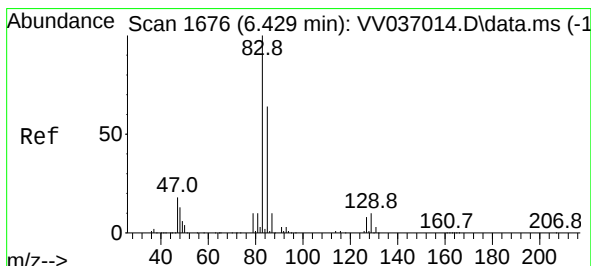
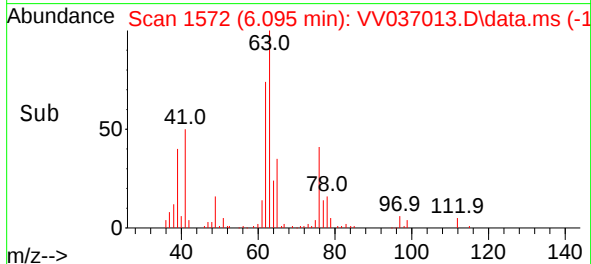
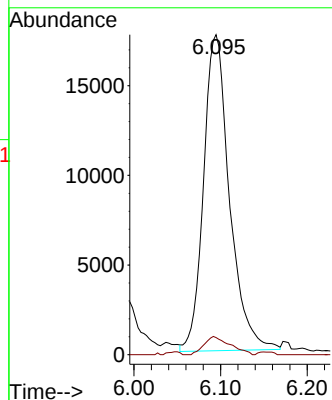
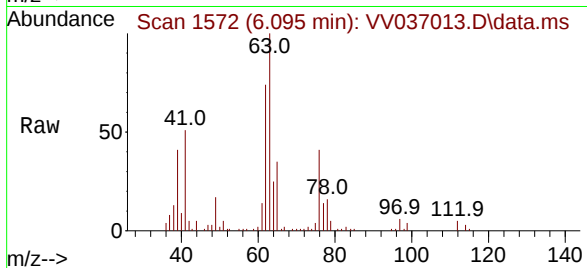
ClientSampleId :

Tgt Ion: 63 Resp: 36732

Ion Ratio Lower Upper

63 100

112 5.7 3.5 5.3#



#38

Bromodichloromethane

Concen: 7.722 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

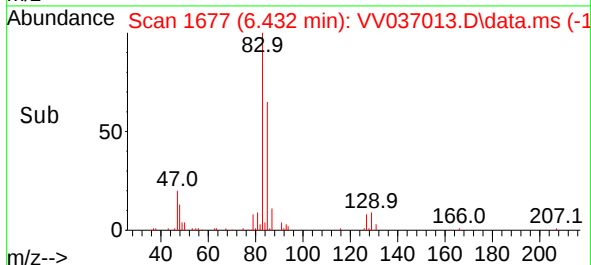
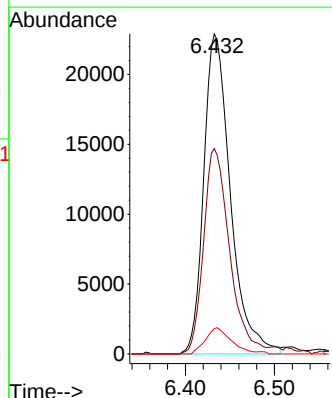
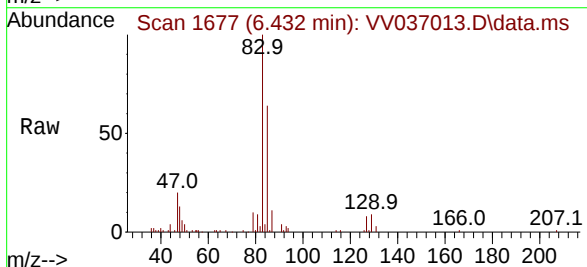
Tgt Ion: 83 Resp: 47634

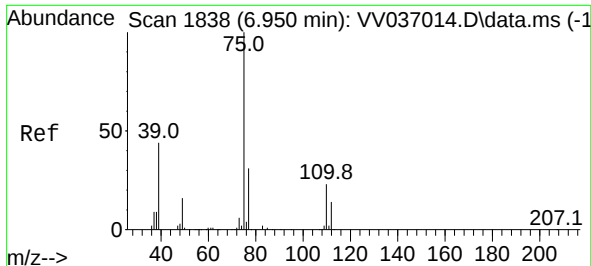
Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7

127 7.9 6.1 9.1

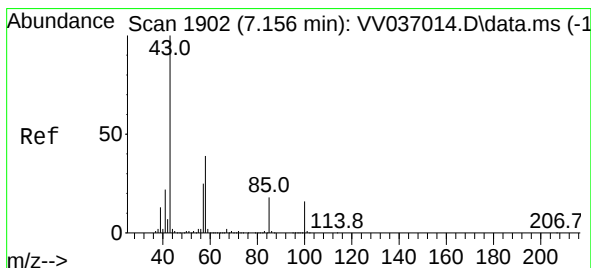
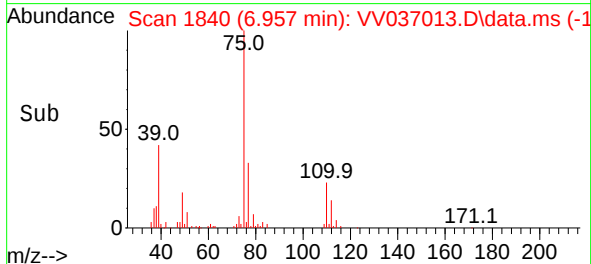
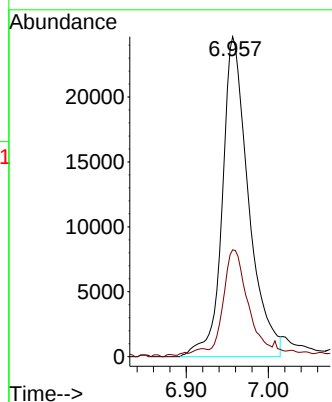
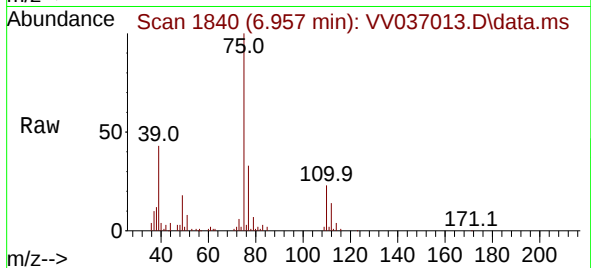




#39
 cis-1,3-Dichloropropene
 Concen: 7.327 ug/L
 RT: 6.957 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: VV037013.D
 Acq: 26 Aug 2024 09:33

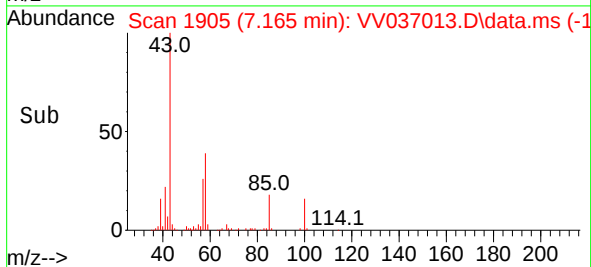
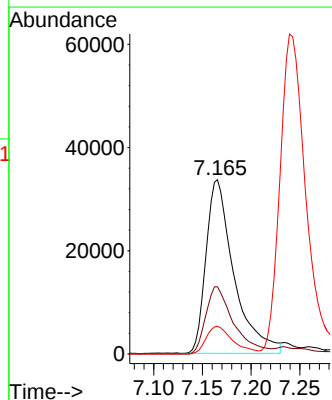
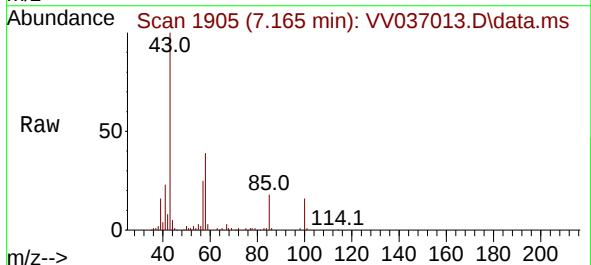
Instrument :
 MSVOA_V
 ClientSampleId :

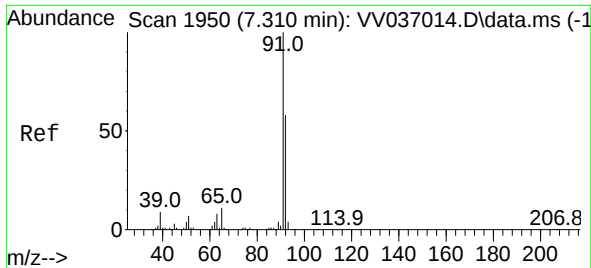
Tgt Ion: 75 Resp: 54921
 Ion Ratio Lower Upper
 75 100
 77 33.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 14.128 ug/L
 RT: 7.165 min Scan# 1905
 Delta R.T. 0.010 min
 Lab File: VV037013.D
 Acq: 26 Aug 2024 09:33

Tgt Ion: 43 Resp: 67167
 Ion Ratio Lower Upper
 43 100
 58 38.7 32.0 48.0
 100 15.2 12.4 18.6





#42

Toluene

Concen: 7.688 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

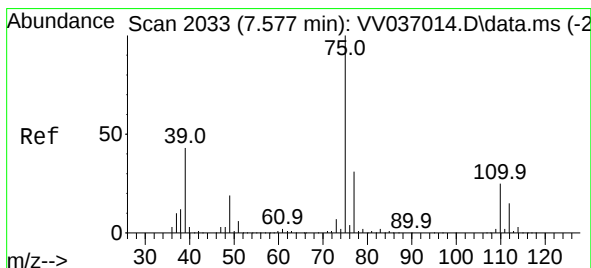
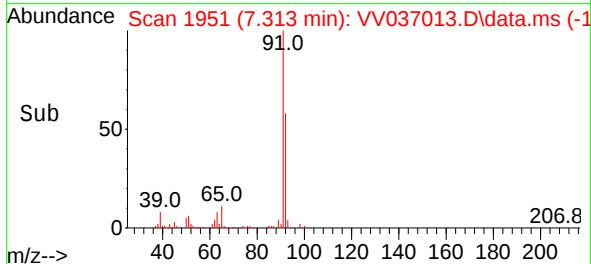
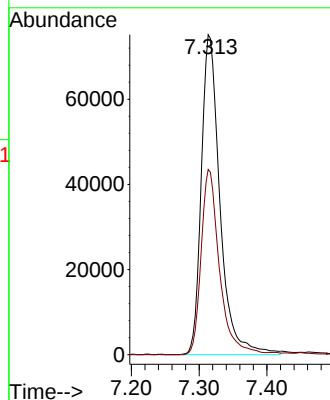
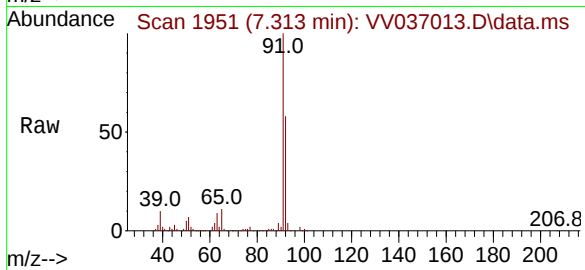
ClientSampleId :

Tgt Ion: 91 Resp: 143701

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 6.532 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.006 min

Lab File: VV037013.D

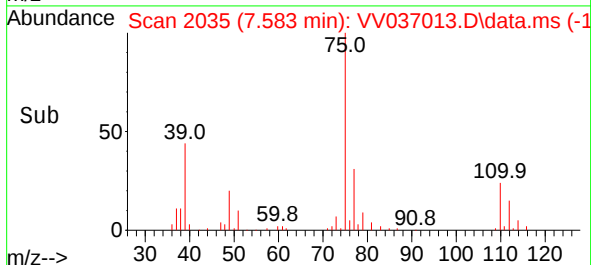
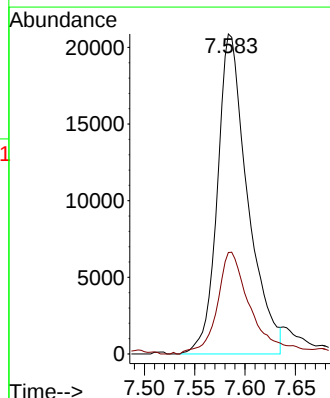
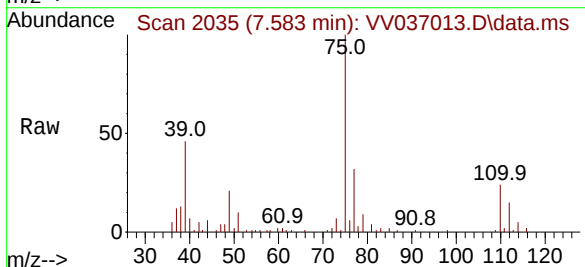
Acq: 26 Aug 2024 09:33

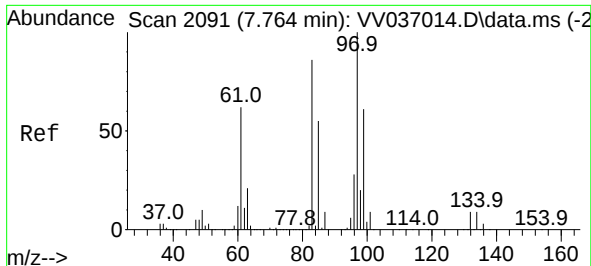
Tgt Ion: 75 Resp: 43763

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8

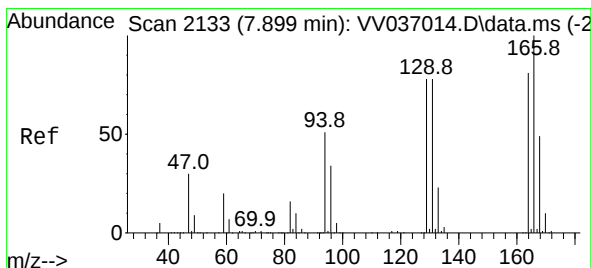
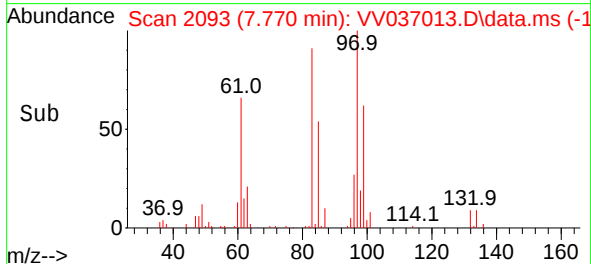
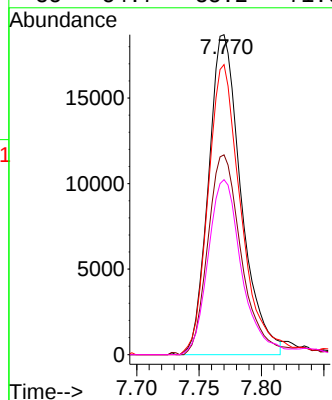
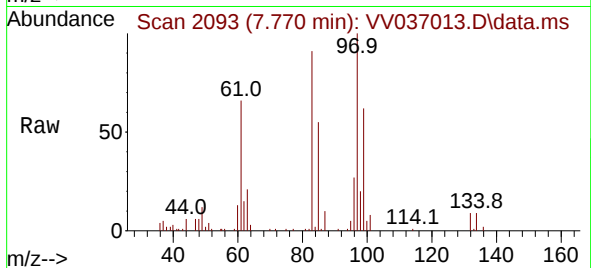




#45
1,1,2-Trichloroethane
Concen: 7.599 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

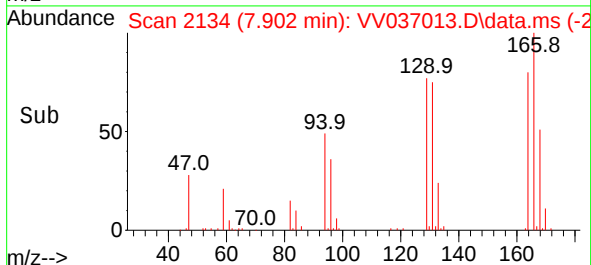
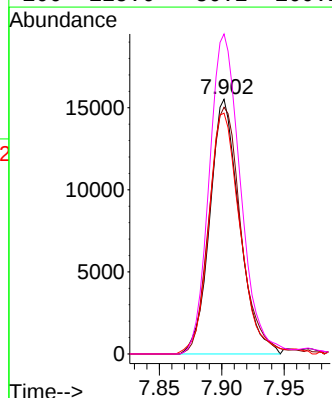
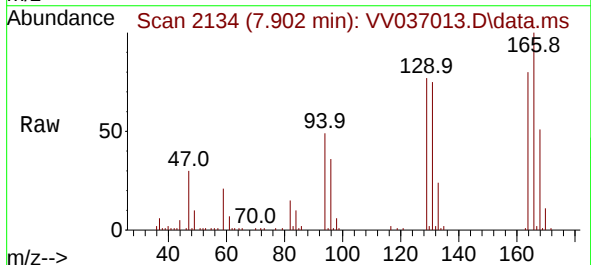
Instrument :
MSVOA_V
ClientSampleId :

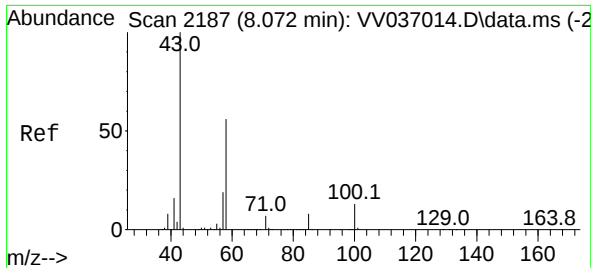
Tgt Ion: 97	Resp: 34049
Ion Ratio	Lower Upper
97 100	
99 62.4	42.6 79.0
83 90.7	60.5 112.3
85 54.7	38.2 71.0



#46
Tetrachloroethene
Concen: 7.565 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

Tgt	Ion:164	Resp:	25722
Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.1	124.7
131	94.5	67.0	124.4
166	125.6	86.2	160.2





#48

2-Hexanone

Concen: 13.268 ug/L

RT: 8.082 min Scan# 2187

Delta R.T. 0.010 min

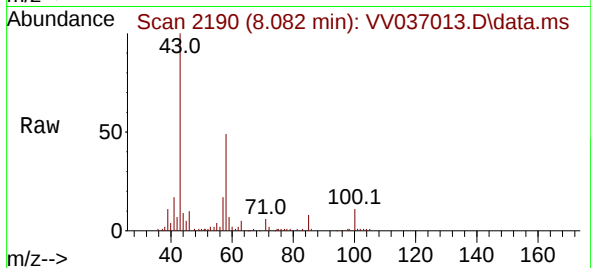
Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 48727

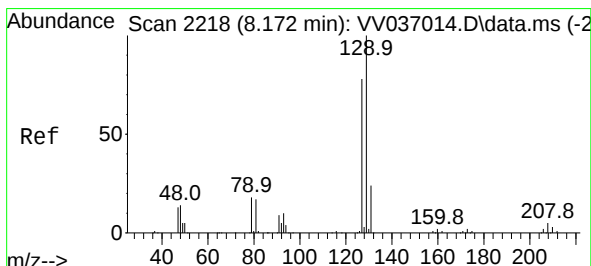
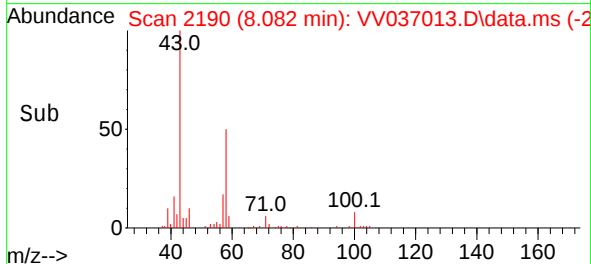
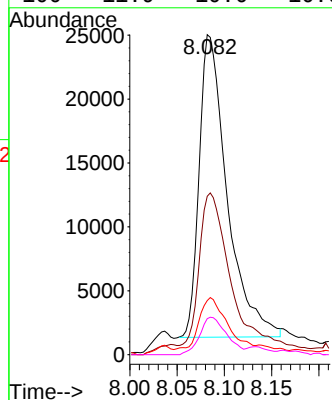
Ion Ratio Lower Upper

43 100

58 62.4 46.0 69.0

57 14.8 15.6 23.4#

100 11.9 10.6 16.0



#49

Dibromochloromethane

Concen: 7.425 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV037013.D

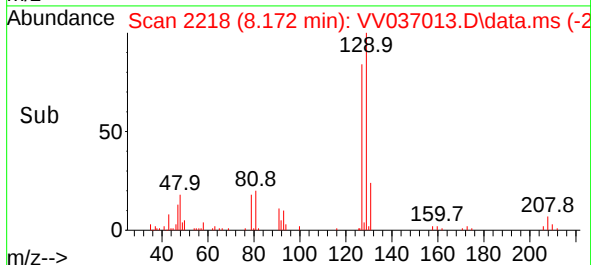
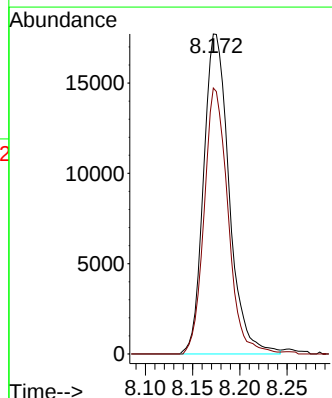
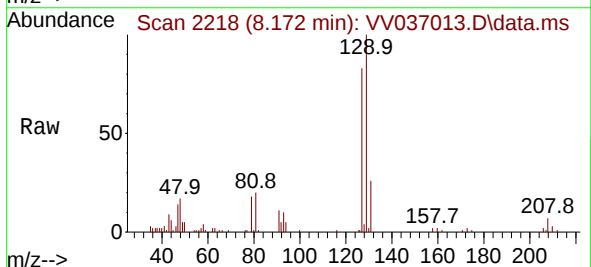
Acq: 26 Aug 2024 09:33

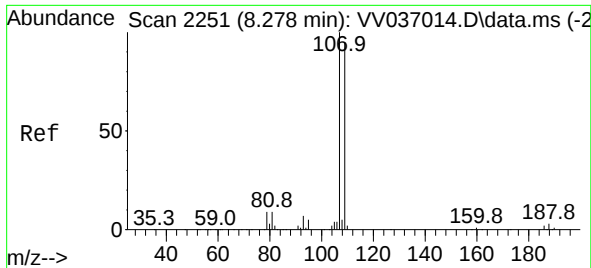
Tgt Ion: 129 Resp: 33311

Ion Ratio Lower Upper

129 100

127 83.1 54.7 101.7

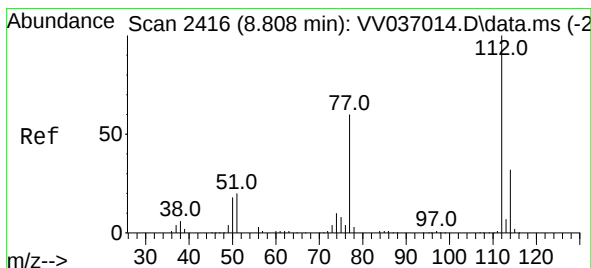
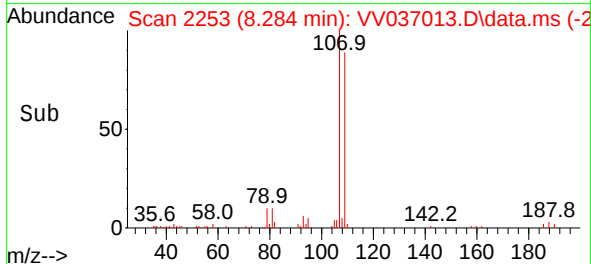
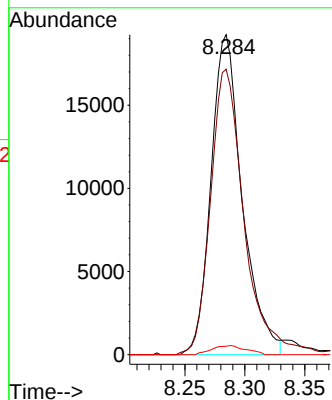
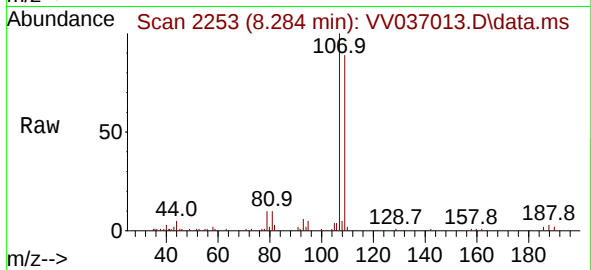




#50
1,2-Dibromoethane
Concen: 7.688 ug/L
RT: 8.284 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

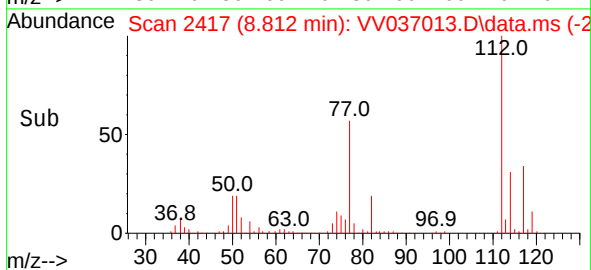
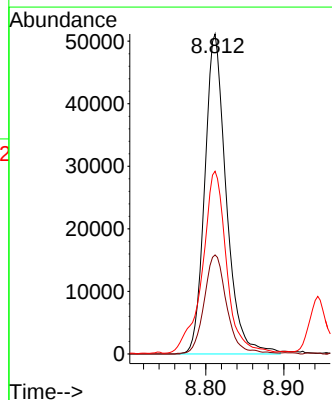
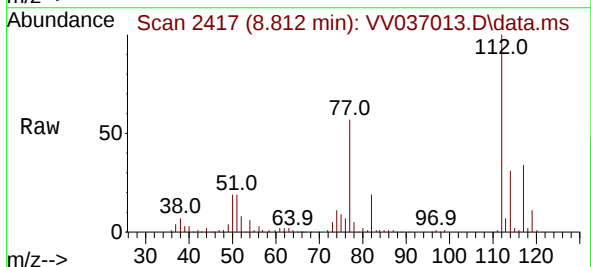
Instrument :
MSVOA_V
ClientSampleId :

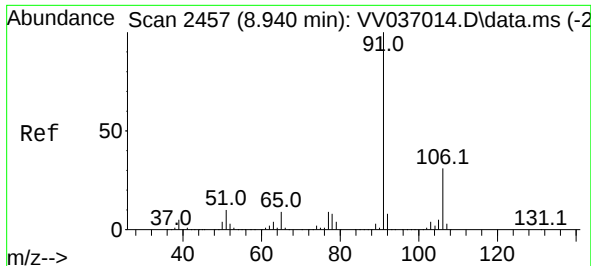
Tgt Ion:107 Resp: 34858
Ion Ratio Lower Upper
107 100
109 89.2 66.6 123.6
188 2.7 2.6 3.8



#51
Chlorobenzene
Concen: 7.922 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

Tgt Ion:112 Resp: 98032
Ion Ratio Lower Upper
112 100
114 31.0 22.3 41.5
77 57.1 47.8 71.8





#52

Ethylbenzene

Concen: 7.382 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

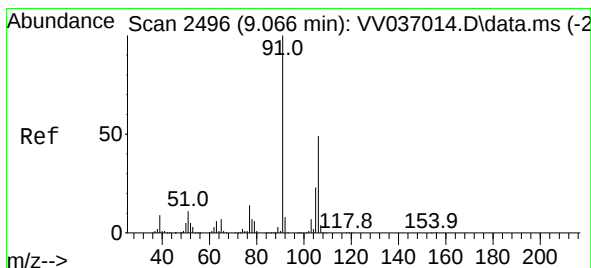
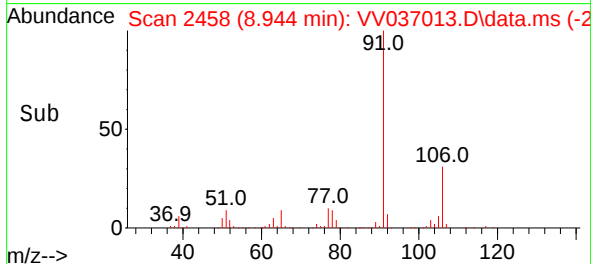
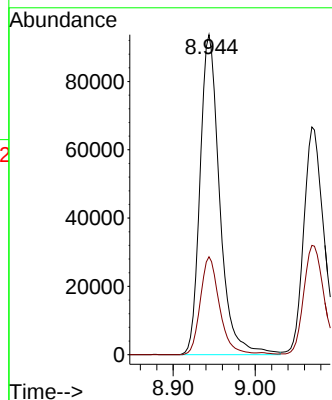
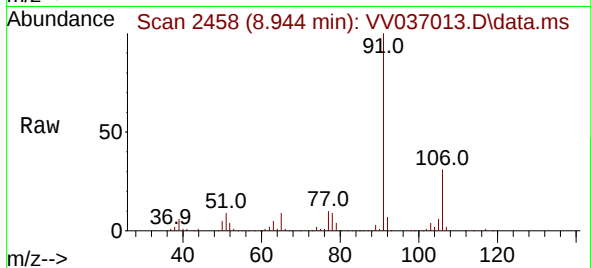
ClientSampleId :

Tgt Ion: 91 Resp: 155871

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 7.229 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037013.D

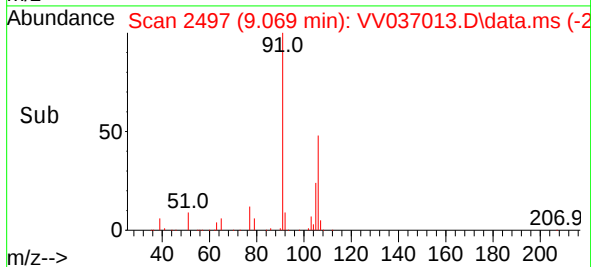
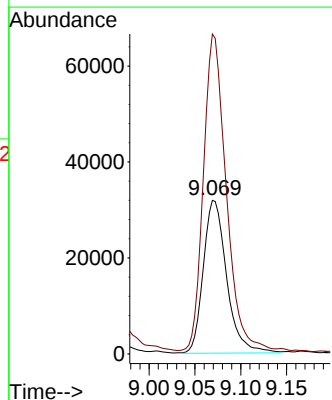
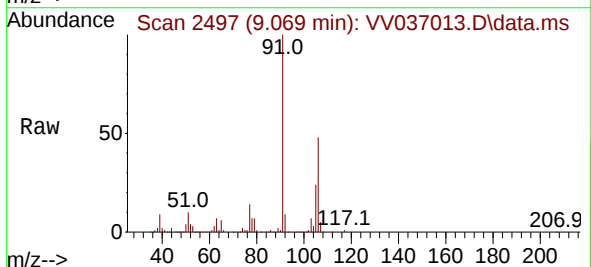
Acq: 26 Aug 2024 09:33

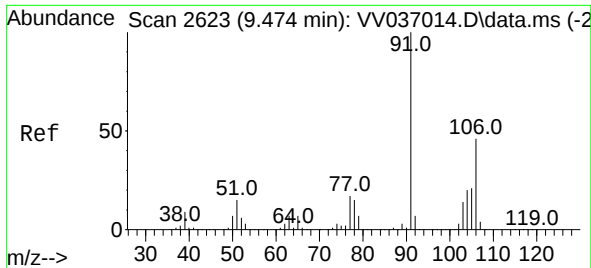
Tgt Ion: 106 Resp: 56551

Ion Ratio Lower Upper

106 100

91 208.2 143.0 265.6





#54

o-Xylene

Concen: 7.120 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

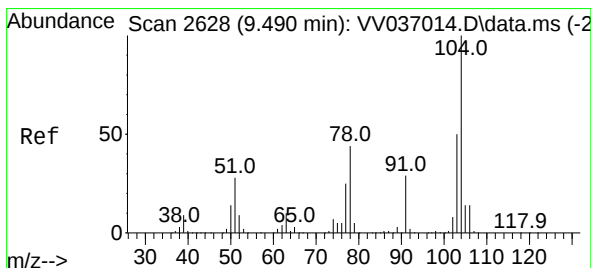
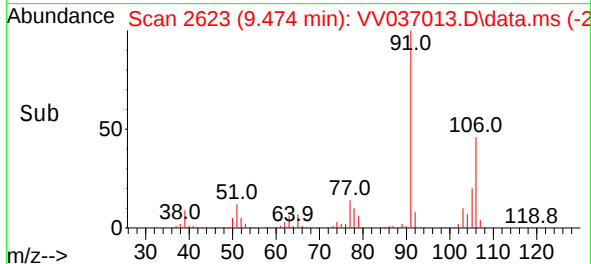
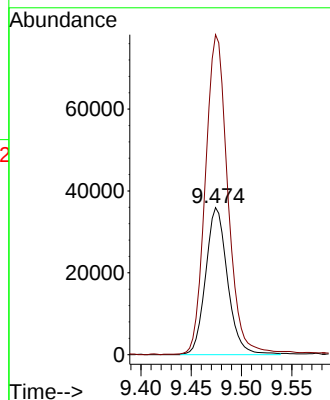
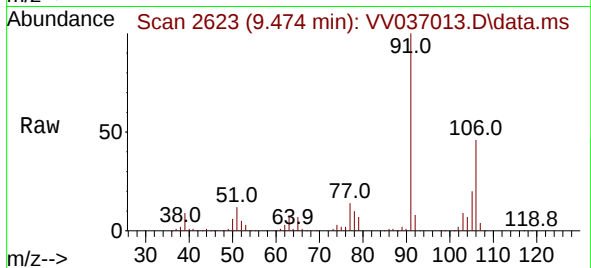
ClientSampleId :

Tgt Ion:106 Resp: 54538

Ion Ratio Lower Upper

106 100

91 217.5 153.2 284.6



#55

Styrene

Concen: 6.869 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.006 min

Lab File: VV037013.D

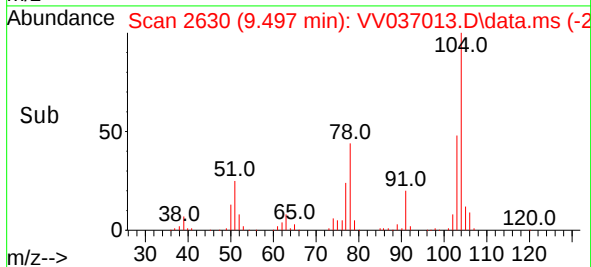
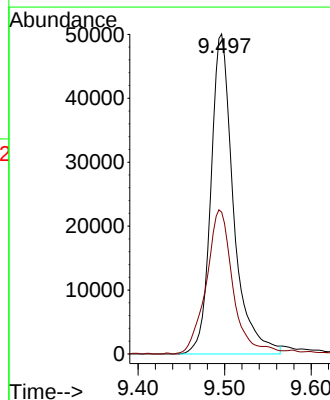
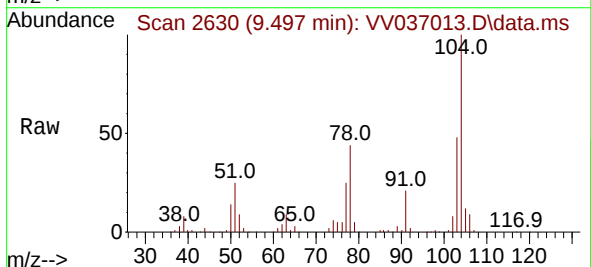
Acq: 26 Aug 2024 09:33

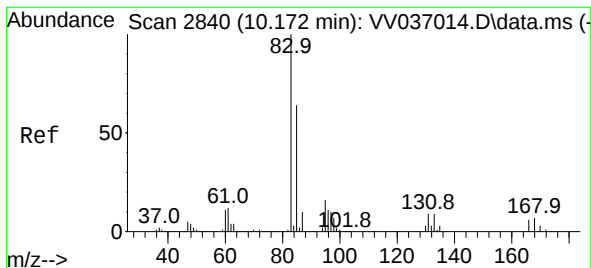
Tgt Ion:104 Resp: 90720

Ion Ratio Lower Upper

104 100

78 44.3 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 7.623 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

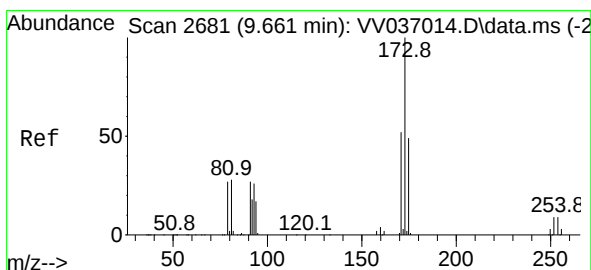
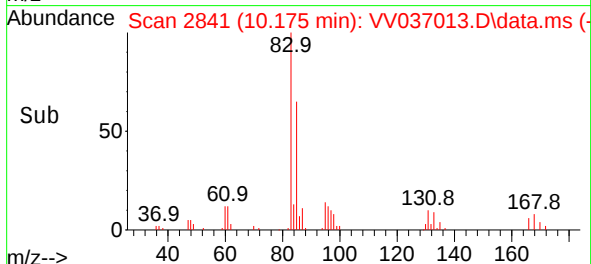
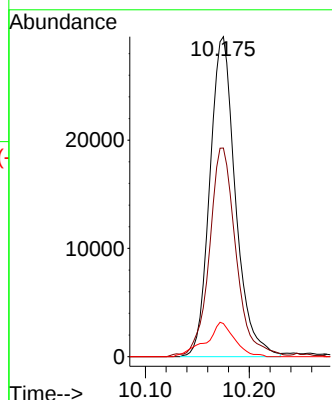
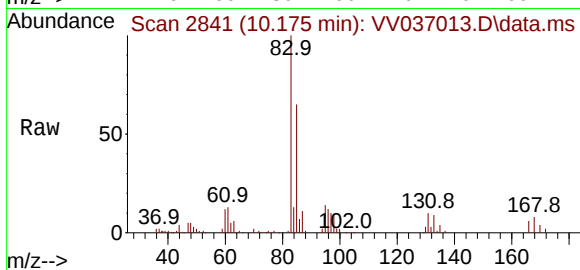
Tgt Ion: 83 Resp: 50583

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7

131 10.3 7.4 11.0



#59

Bromoform

Concen: 7.698 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

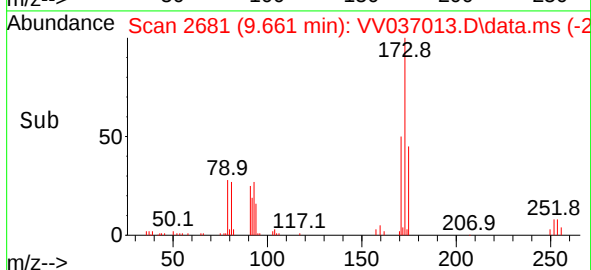
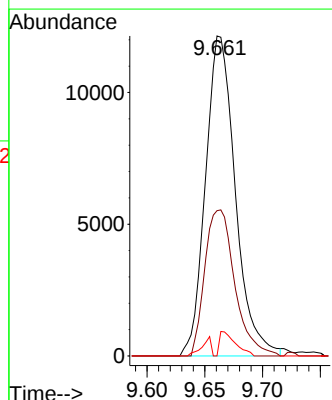
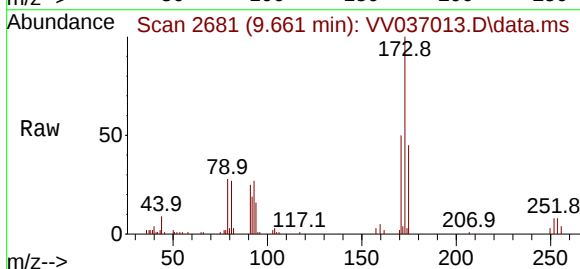
Tgt Ion: 173 Resp: 21834

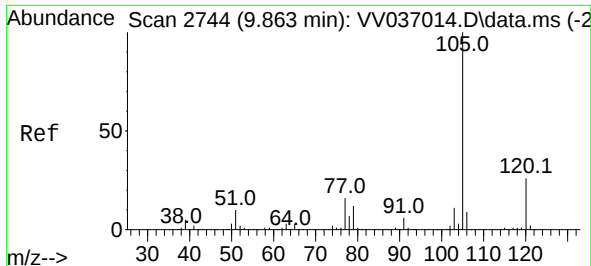
Ion Ratio Lower Upper

173 100

175 45.8 38.7 58.1

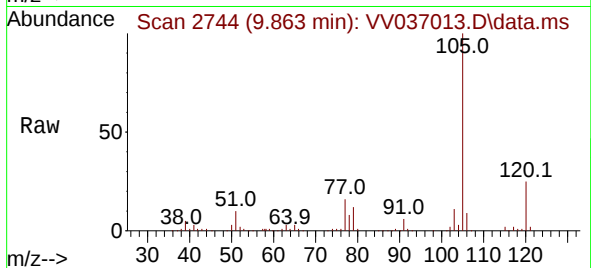
254 4.1 6.8 10.2#



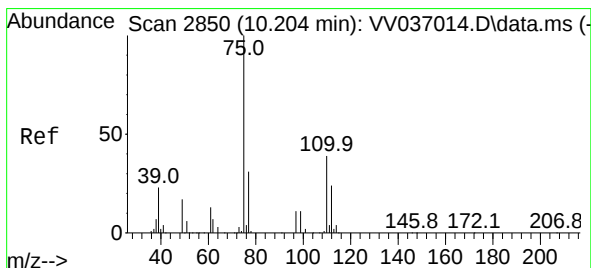
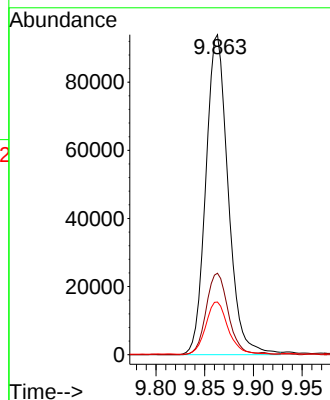
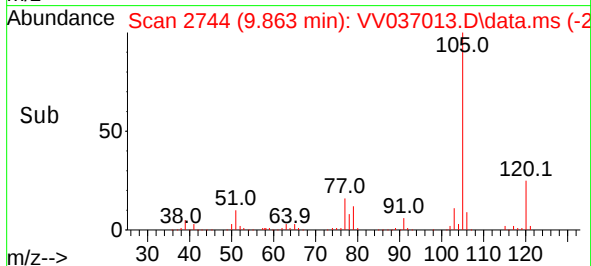


#60
Isopropylbenzene
Concen: 7.586 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

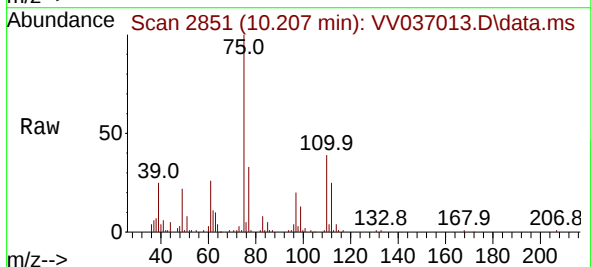
Instrument :
MSVOA_V
ClientSampleId :



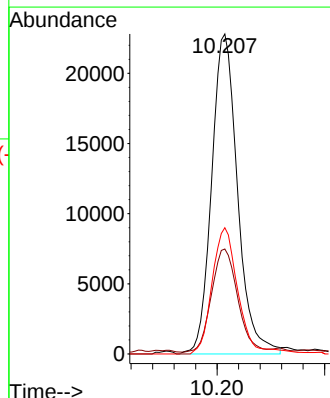
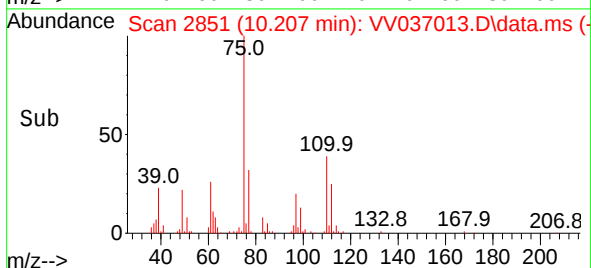
Tgt Ion:105 Resp: 149625
Ion Ratio Lower Upper
105 100
120 25.1 20.9 31.3
77 16.4 12.6 19.0

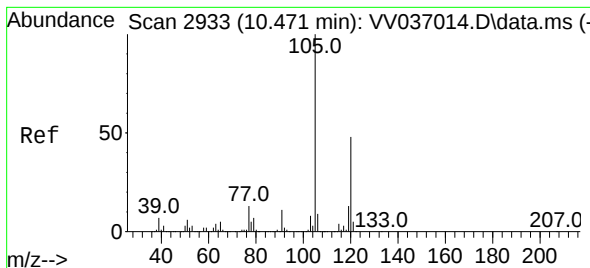


#61
1,2,3-Trichloropropane
Concen: 8.059 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33



Tgt Ion: 75 Resp: 38142
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
110 39.6 31.1 46.7

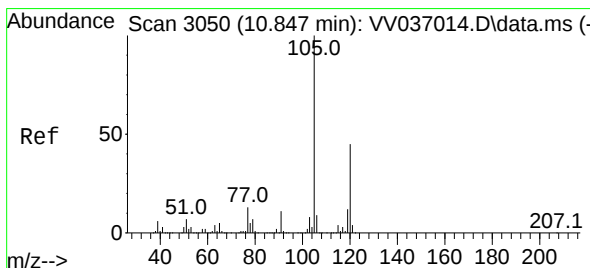
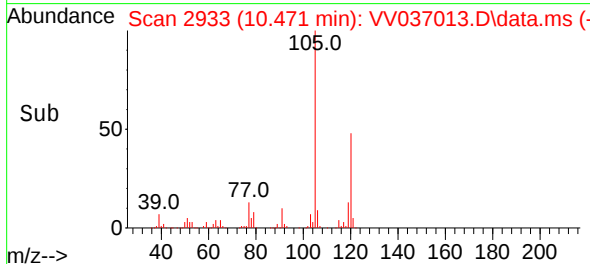
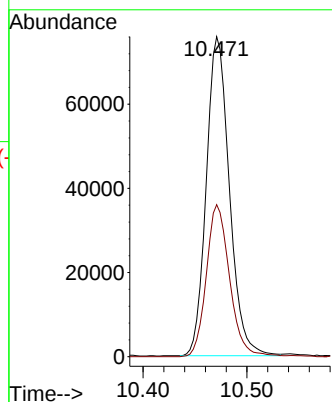
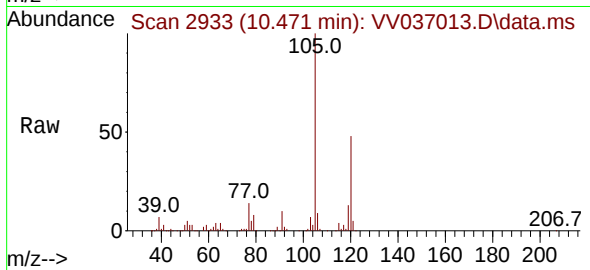




#62
1,3,5-Trimethylbenzene
Concen: 7.263 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

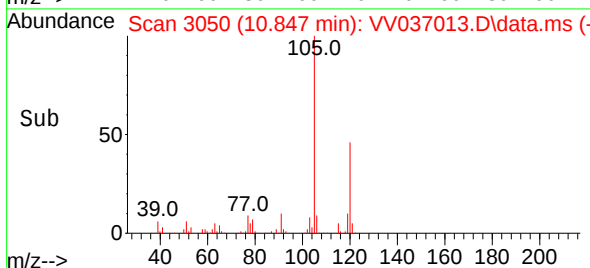
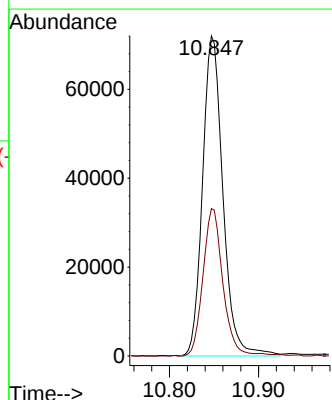
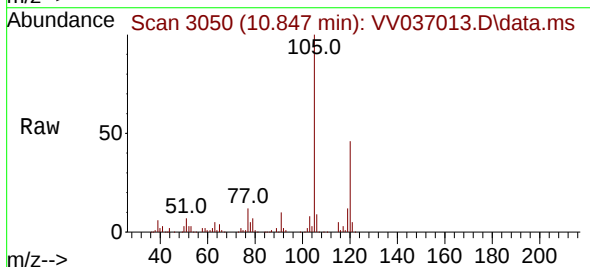
Instrument :
MSVOA_V
ClientSampleId :

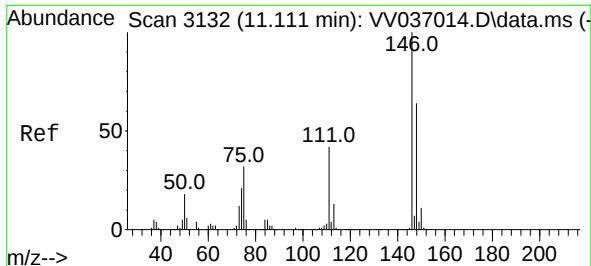
Tgt Ion:105 Resp: 117216
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 7.105 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

Tgt Ion:105 Resp: 114421
Ion Ratio Lower Upper
105 100
120 44.5 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 7.656 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

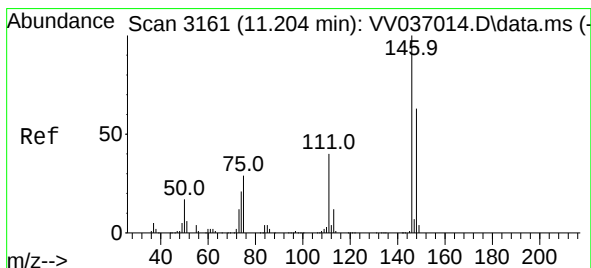
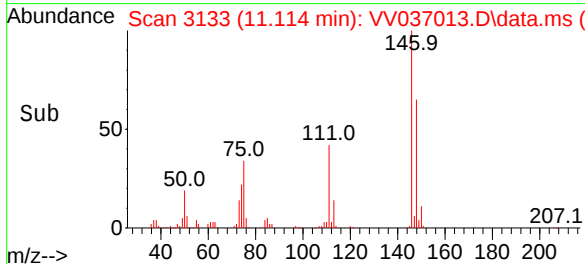
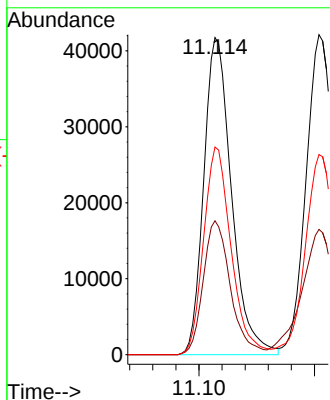
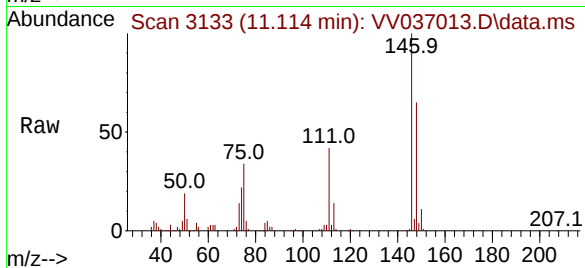
Tgt Ion:146 Resp: 69732

Ion Ratio Lower Upper

146 100

111 42.2 29.7 55.1

148 65.5 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 8.047 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

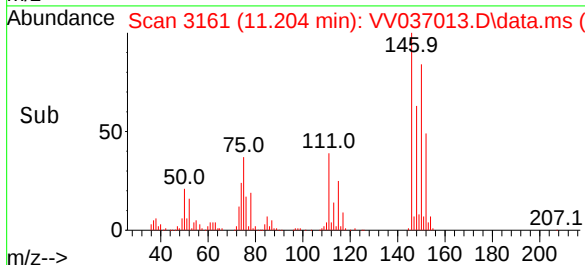
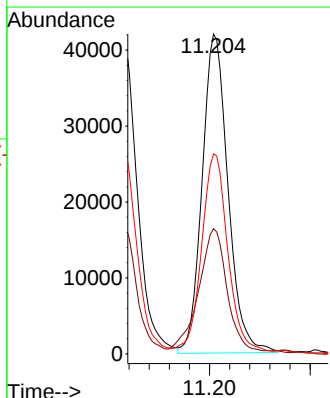
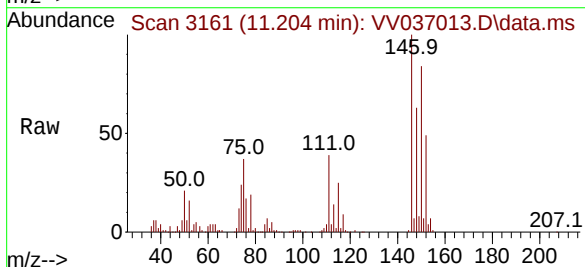
Tgt Ion:146 Resp: 75010

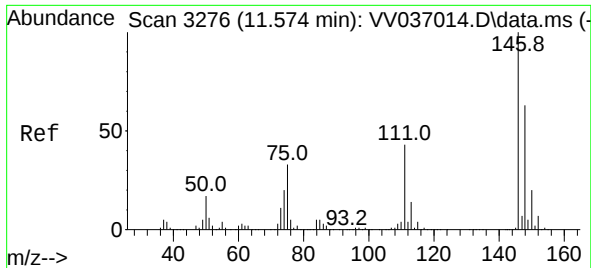
Ion Ratio Lower Upper

146 100

111 39.1 28.1 52.1

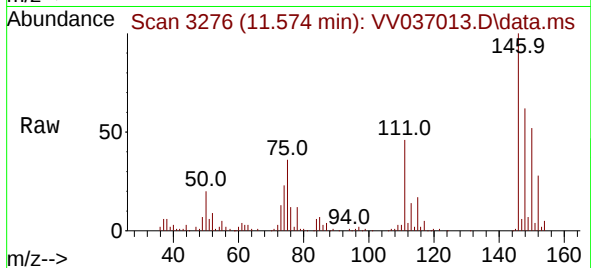
148 62.6 44.2 82.0



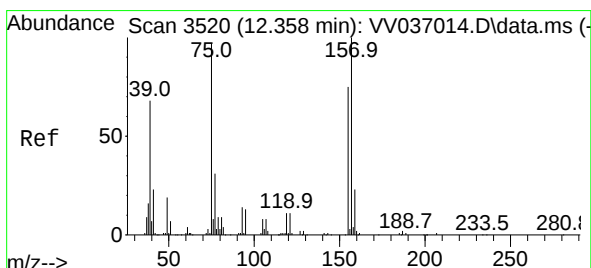
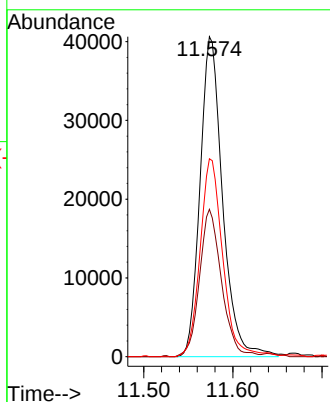
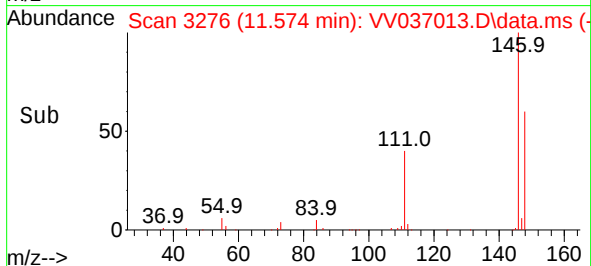


#67
1,2-Dichlorobenzene
Concen: 7.956 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33

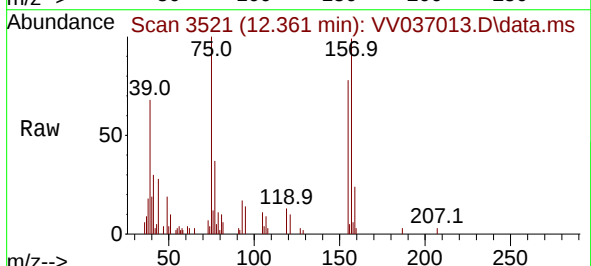
Instrument :
MSVOA_V
ClientSampleId :



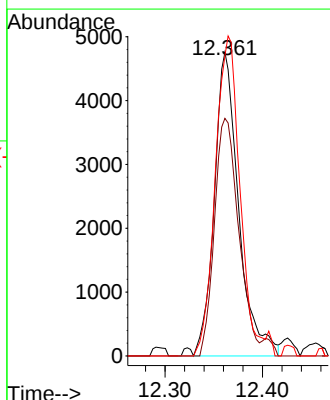
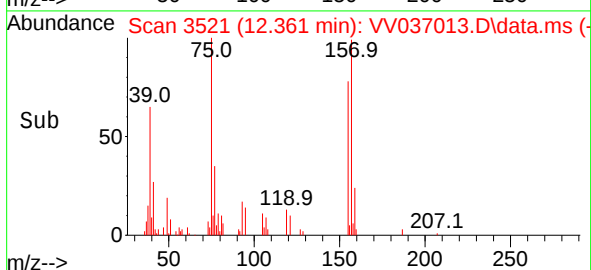
Tgt Ion:146 Resp: 71247
Ion Ratio Lower Upper
146 100
111 46.1 34.6 51.8
148 61.8 50.2 75.4

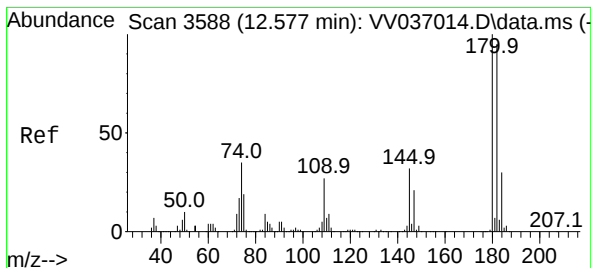


#68
1,2-Dibromo-3-chloropropane
Concen: 7.056 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.003 min
Lab File: VV037013.D
Acq: 26 Aug 2024 09:33



Tgt Ion: 75 Resp: 8329
Ion Ratio Lower Upper
75 100
155 78.2 61.8 92.6
157 98.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 7.405 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

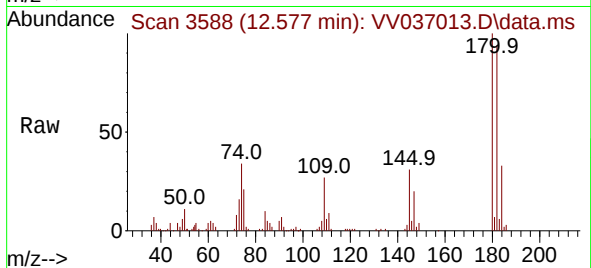
Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 46930

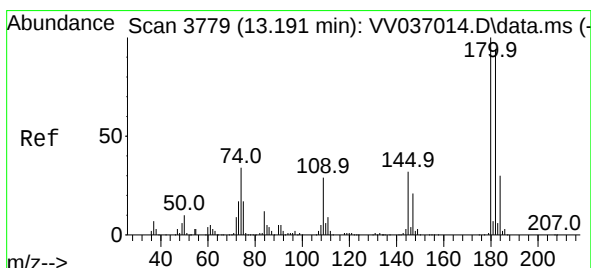
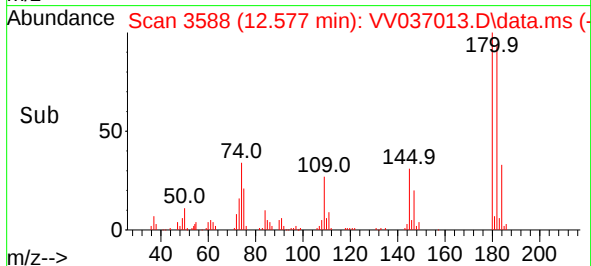
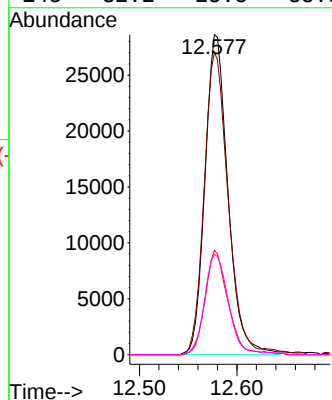
Ion Ratio Lower Upper

180 100

182 97.2 76.7 115.1

184 31.9 24.2 36.2

145 32.2 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 7.364 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

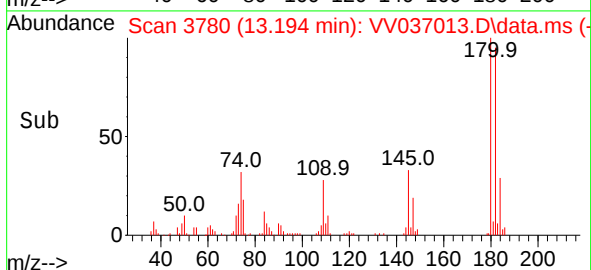
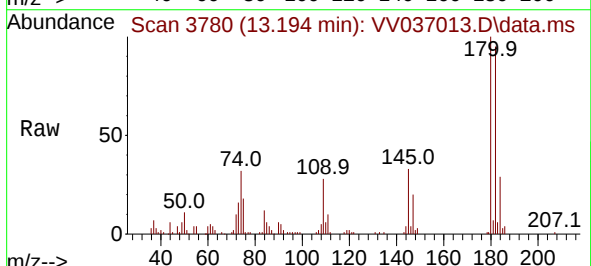
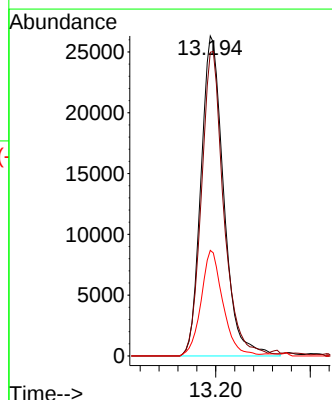
Tgt Ion:180 Resp: 43948

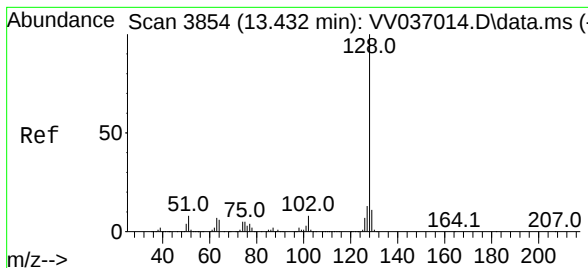
Ion Ratio Lower Upper

180 100

182 93.0 75.7 113.5

145 31.7 26.0 39.0





#71

Naphthalene

Concen: 6.569 ug/L

RT: 13.435 min Scan# 3854

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

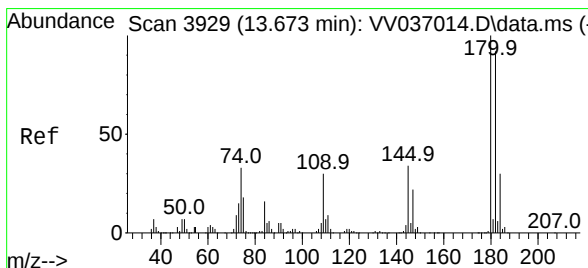
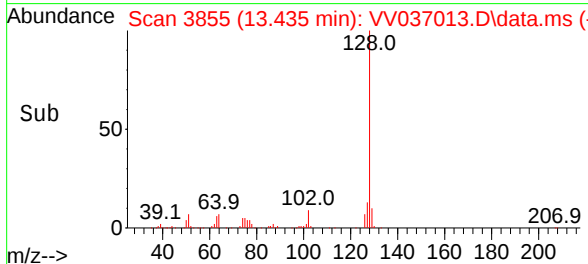
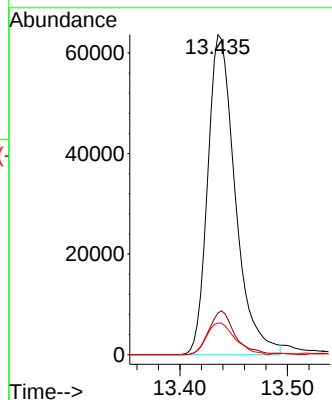
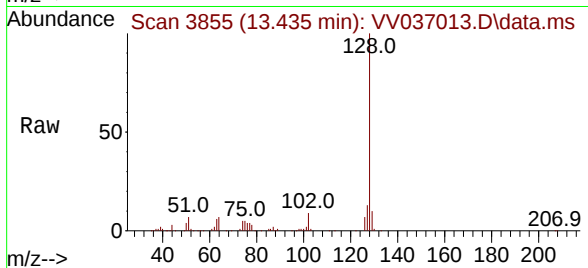
Tgt Ion:128 Resp: 113205

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.3 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 7.311 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037013.D

Acq: 26 Aug 2024 09:33

Tgt Ion:180 Resp: 42995

Ion Ratio Lower Upper

180 100

182 93.8 75.1 112.7

145 34.1 27.0 40.4

