

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035884.D
 Acq On : 30 May 2024 10:38
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:08:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:05:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	531075	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	554165	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	311167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	883077	101.713	ug/L	0.00
7) Chloroethane-d5	1.529	69	682902	98.354	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	374960	98.217	ug/L	0.00
21) 2-Butanone-d5	3.818	46	434877	188.097	ug/L	-0.04
24) Chloroform-d	4.239	84	1491124	92.613	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	795194	98.522	ug/L	0.00
32) Benzene-d6	4.953	84	3039478	96.780	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	950431	98.308	ug/L	0.00
41) Toluene-d8	7.236	98	2853982	101.862	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	425128	103.452	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	347620	210.134	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	671599	76.922	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.557	152	1053867	95.564	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	808840	76.542	ug/L	99
3) Chloromethane	1.211	50	939072	85.258	ug/L	99
5) Vinyl chloride	1.278	62	1012624	89.456	ug/L	100
6) Bromomethane	1.484	94	624968	87.359	ug/L	100
8) Chloroethane	1.545	64	620458	89.198	ug/L	99
9) Trichlorofluoromethane	1.709	101	1223931	84.562	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	770308	84.495	ug/L	99
12) 1,1-Dichloroethene	2.063	96	719563	86.188	ug/L	97
13) Acetone	2.384	43	350828	100.582	ug/L	69
14) Carbon disulfide	2.233	76	2568158	92.818	ug/L	100
15) Methyl Acetate	2.384	43	389565	78.897	ug/L	99
16) Methylene chloride	2.439	84	874917	71.576	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	823102	89.141	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	2107471	96.501	ug/L	99
19) 1,1-Dichloroethane	3.104	63	1544942	89.893	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	905070	92.262	ug/L	100
22) 2-Butanone	3.899	43	572195	179.766	ug/L	# 72
23) Bromochloromethane	4.140	128	427922	89.626	ug/L	99
25) Chloroform	4.268	83	1583214	89.478	ug/L	100
27) 1,2-Dichloroethane	5.034	62	1048374	94.419	ug/L	99
29) Cyclohexane	4.574	56	1360373	101.390	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	1304055	85.769	ug/L	99
31) Carbon tetrachloride	4.728	117	1139264	85.529	ug/L	100
33) Benzene	5.001	78	3341996	91.236	ug/L	100
34) Trichloroethene	5.825	95	1042557	99.020	ug/L	99
35) Methylcyclohexane	6.046	83	1546156	97.430	ug/L	98
37) 1,2-Dichloropropane	6.088	63	908479	95.617	ug/L	100
38) Bromodichloromethane	6.426	83	1161674	90.931	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1509783	102.037	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	1096080	193.881	ug/L	95
42) Toluene	7.310	91	3620956	93.784	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	1302066	100.453	ug/L	98

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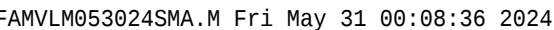
Instrument :
 MSVOA_V
 ClientSampleId :

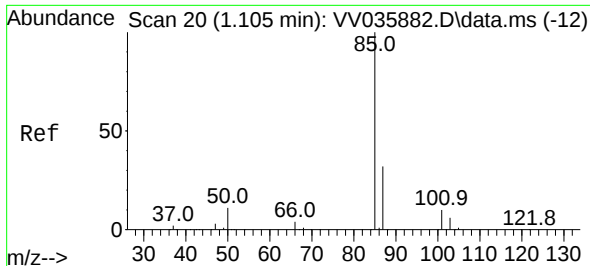
Quant Time: May 31 00:08:26 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:05:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	721804	89.787	ug/L	98
46) Tetrachloroethene	7.902	164	728382	87.121	ug/L	100
48) 2-Hexanone	8.075	43	890526	205.947	ug/L	95
49) Dibromochloromethane	8.172	129	816174	90.754	ug/L	99
50) 1,2-Dibromoethane	8.278	107	725603	91.759	ug/L	100
51) Chlorobenzene	8.808	112	2365356	89.072	ug/L	100
52) Ethylbenzene	8.940	91	4083739	96.434	ug/L	99
53) m,p-Xylene	9.069	106	1560681	97.452	ug/L	100
54) o-Xylene	9.474	106	1517264	100.223	ug/L	97
55) Styrene	9.490	104	2671094	100.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	624776	68.099	ug/L	100
59) Bromoform	9.660	173	553291	92.343	ug/L	100
60) Isopropylbenzene	9.863	105	4084769	99.827	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	664355	91.993	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	3180087	101.541	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	3456512	105.253	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	1984028	92.428	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	2008406	89.838	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	1862246	92.023	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	150916	90.048	ug/L	92
69) 1,3,5-Trichlorobenzene	12.577	180	1549051	93.260	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	1279370	92.800	ug/L	100
71) Naphthalene	13.432	128	2389579	99.499	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	1137424	90.647	ug/L	99

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

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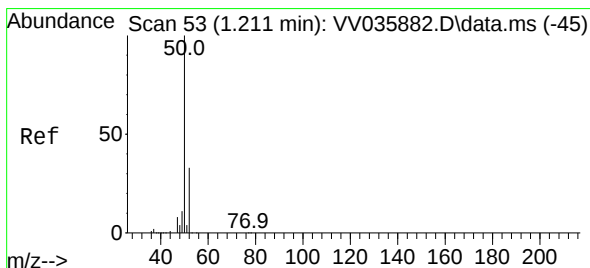
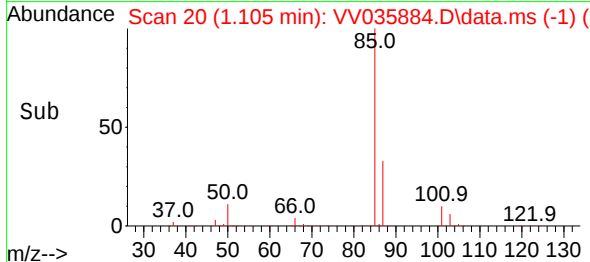
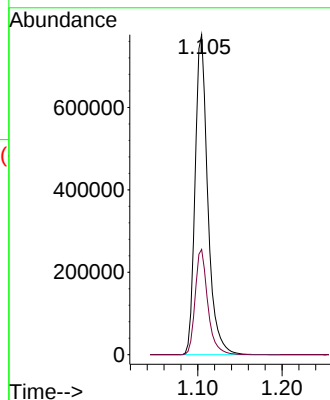
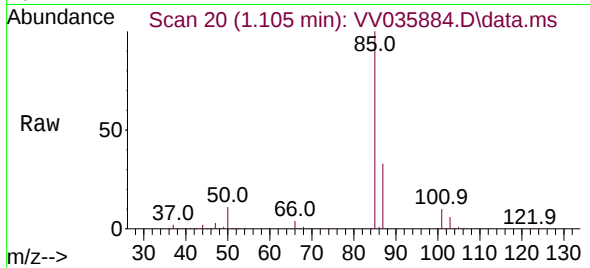




#2
 Dichlorodifluoromethane
 Concen: 76.542 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV035884.D
 Acq: 30 May 2024 10:38

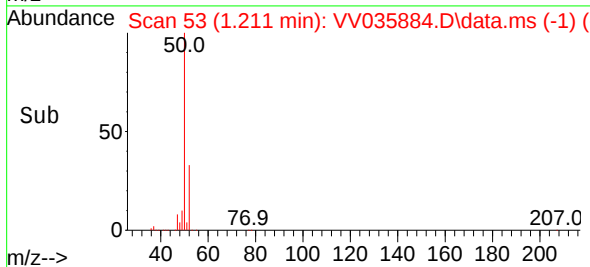
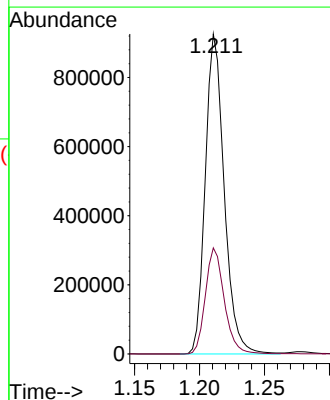
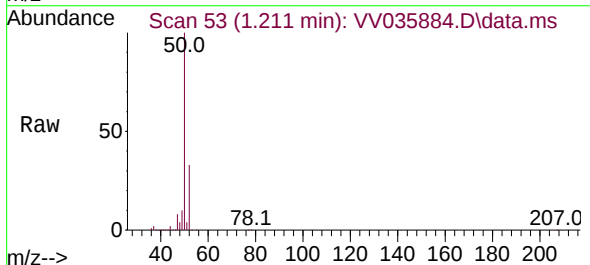
Instrument :
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 ClientSampleId :

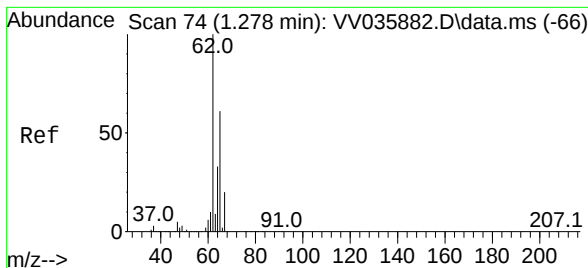
Tgt Ion: 85 Resp: 808840
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 85.258 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV035884.D
 Acq: 30 May 2024 10:38

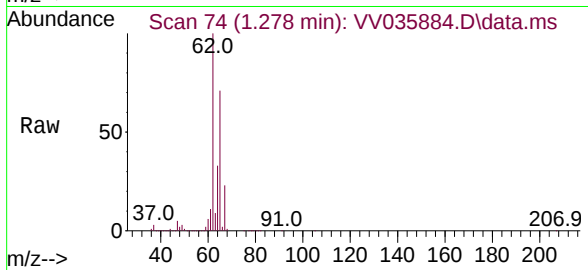
Tgt Ion: 50 Resp: 939072
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.8 42.4



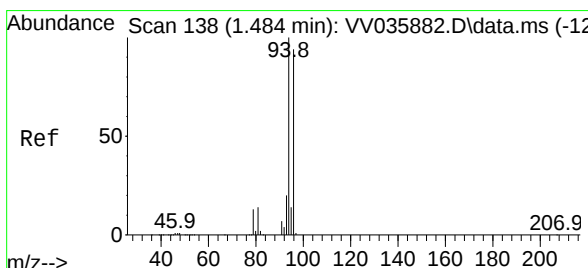
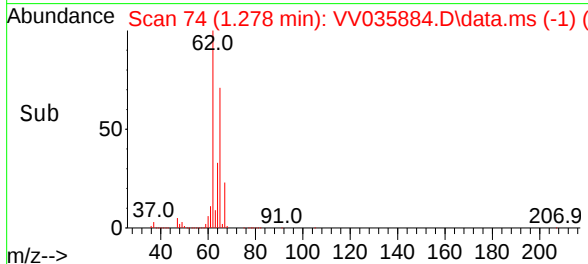
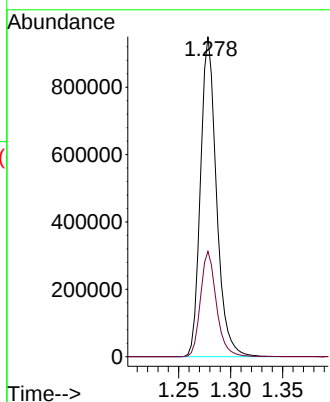


#5
 Vinyl chloride
 Concen: 89.456 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV035884.D
 Acq: 30 May 2024 10:38

Instrument :
 MSVOA_V
 ClientSampleId :

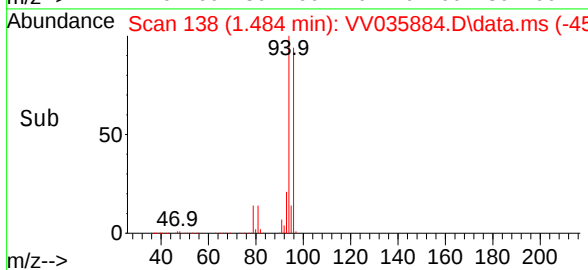
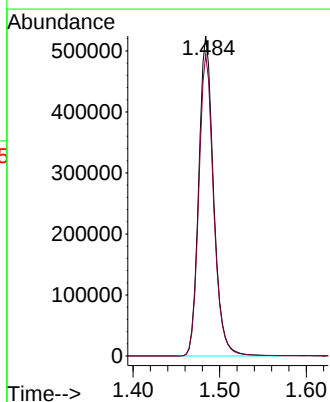
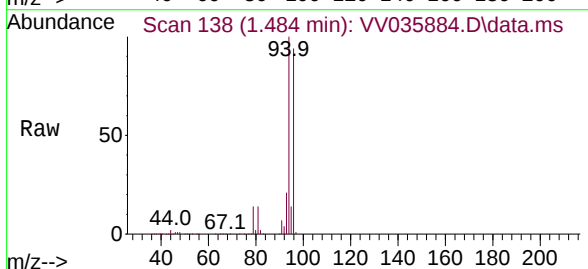


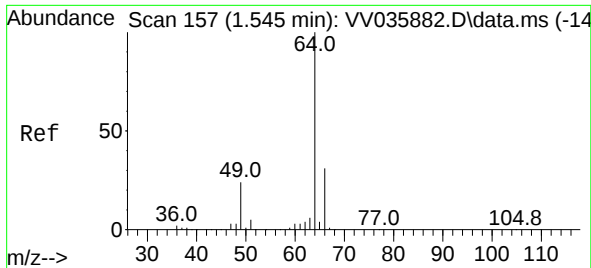
Tgt Ion: 62 Resp: 1012624
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 87.359 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV035884.D
 Acq: 30 May 2024 10:38

Tgt Ion: 94 Resp: 624968
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.7 122.1

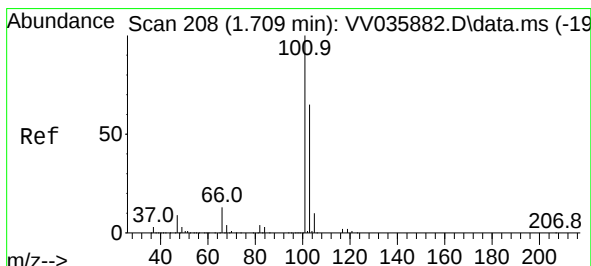
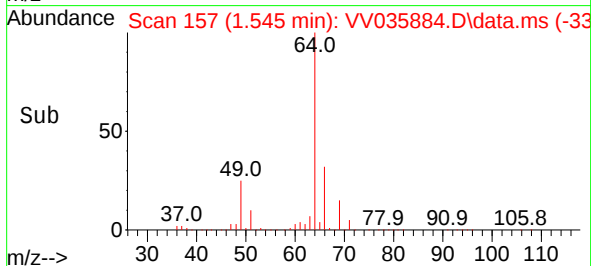
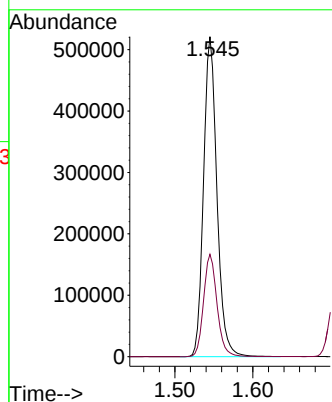
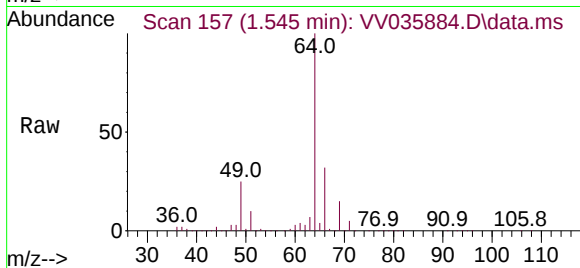




#8
Chloroethane
Concen: 89.198 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

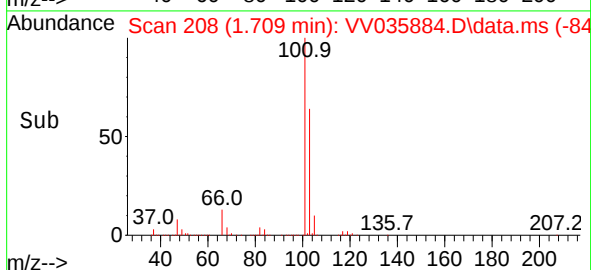
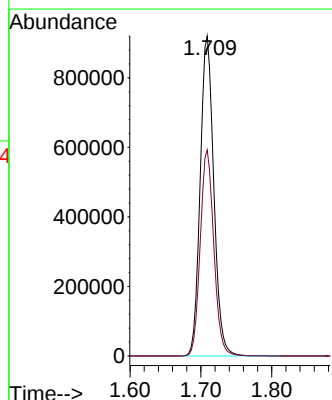
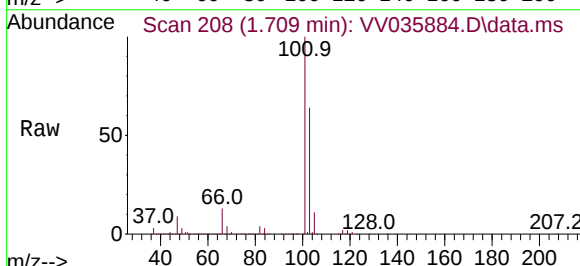
Instrument :
MSVOA_V
ClientSampleId :

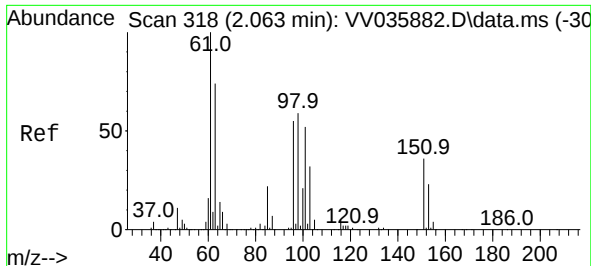
Tgt Ion: 64 Resp: 620458
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 84.562 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion:101 Resp: 1223931
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8





#10

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

Concen: 84.495 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

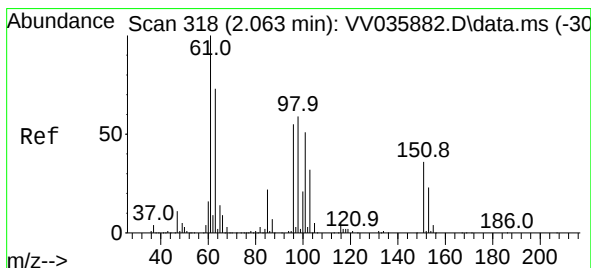
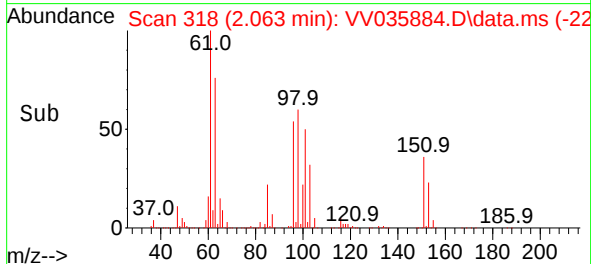
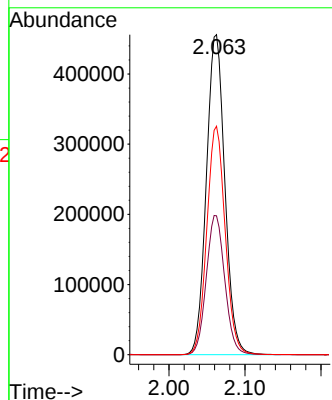
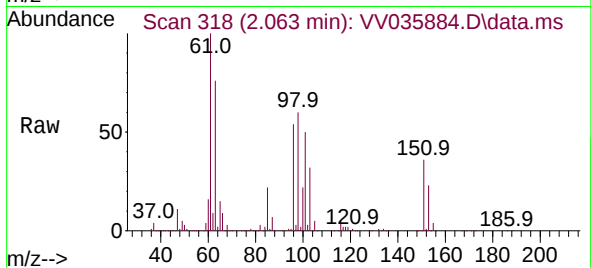
Tgt Ion:101 Resp: 770308

Ion Ratio Lower Upper

101 100

85 43.6 34.5 51.7

151 71.0 56.3 84.5



#12

1,1-Dichloroethene

Concen: 86.188 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

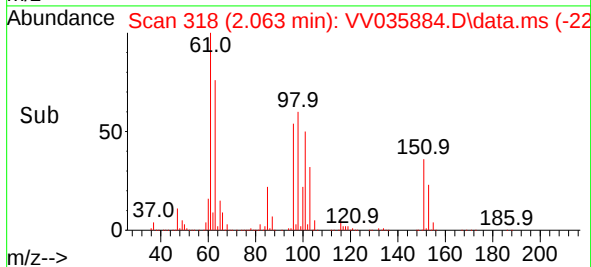
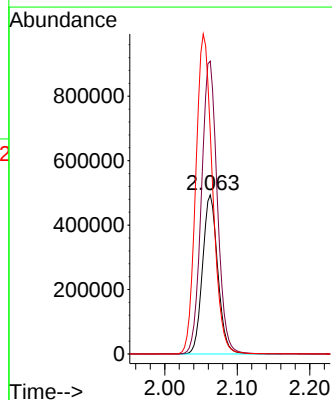
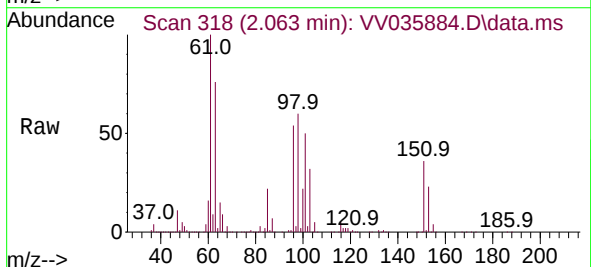
Tgt Ion: 96 Resp: 719563

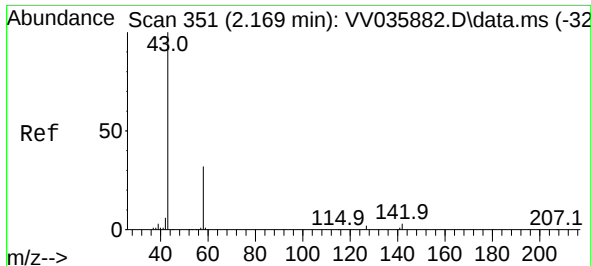
Ion Ratio Lower Upper

96 100

61 184.0 127.3 236.3

63 139.3 93.7 173.9

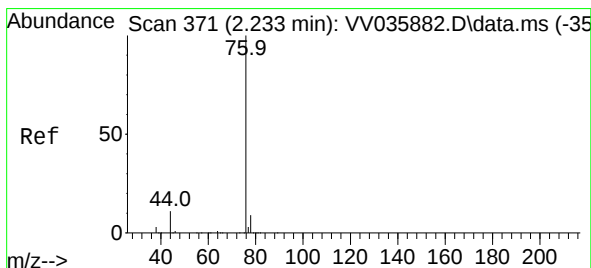
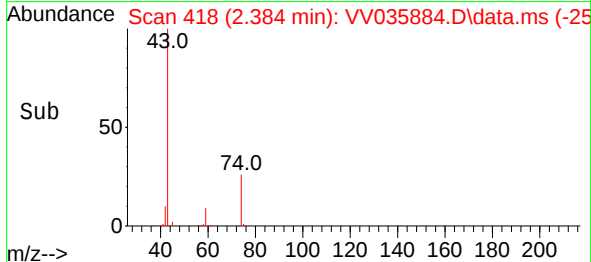
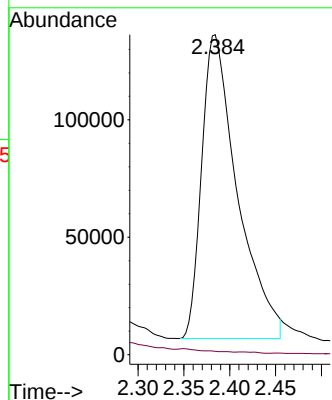
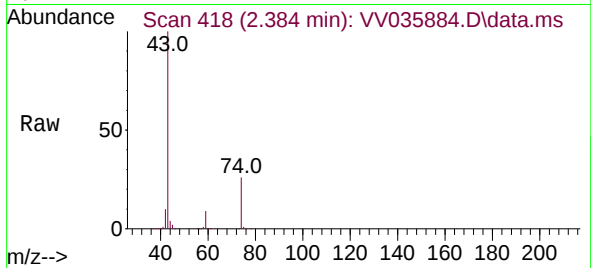




#13
Acetone
Concen: 100.582 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.215 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

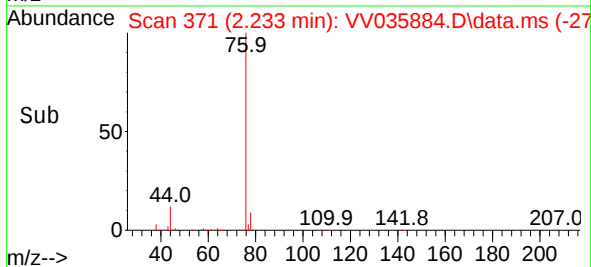
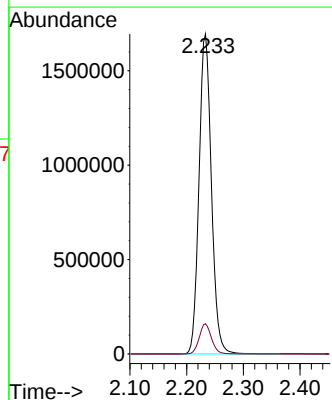
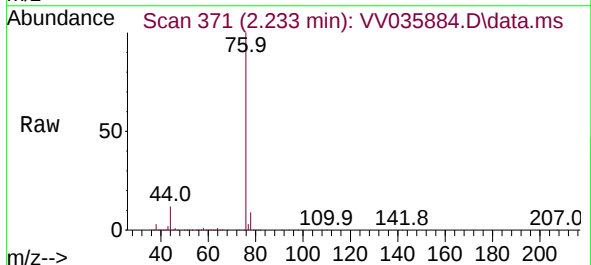
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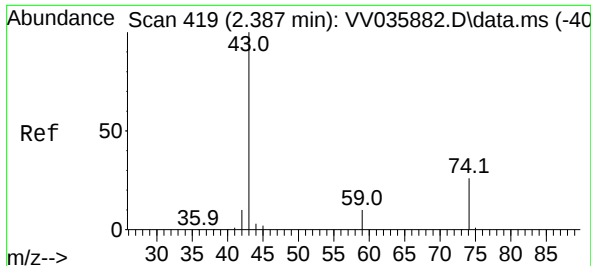
Tgt Ion: 43 Resp: 350828
Ion Ratio Lower Upper
43 100
58 0.0 0.0 24.2



#14
Carbon disulfide
Concen: 92.818 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion: 76 Resp: 2568158
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 78.897 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

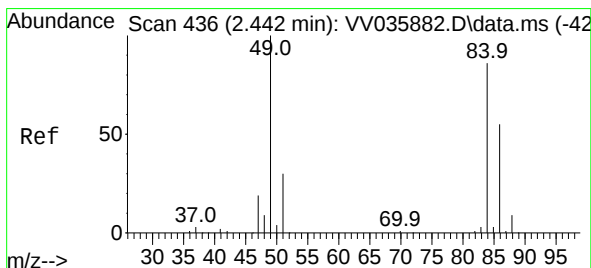
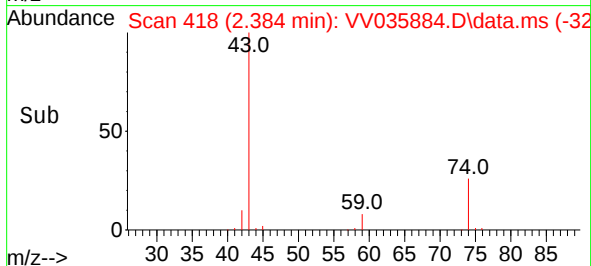
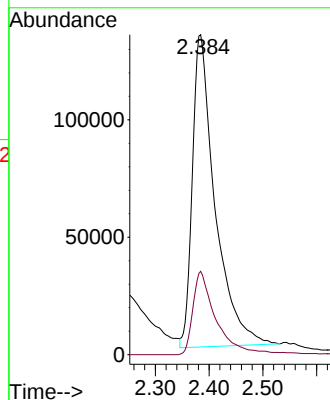
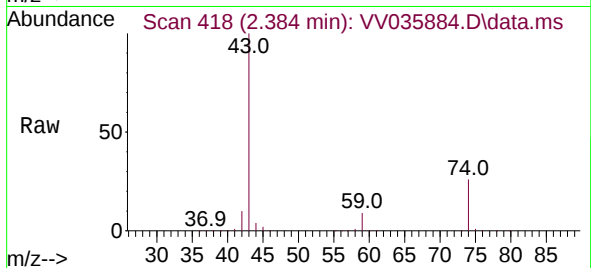
ClientSampleId :

Tgt Ion: 43 Resp: 389565

Ion Ratio Lower Upper

43 100

74 26.5 21.4 32.2



#16

Methylene chloride

Concen: 71.576 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

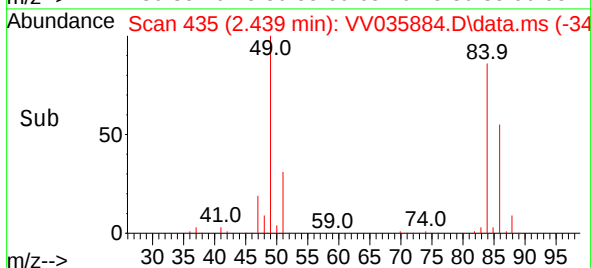
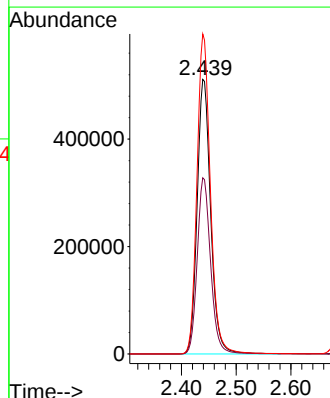
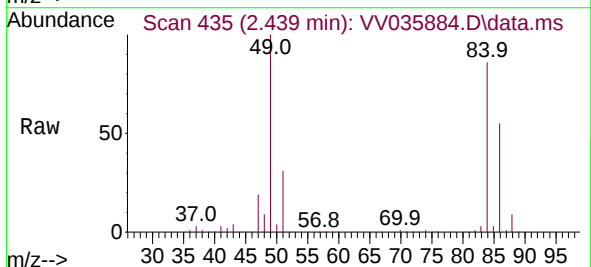
Tgt Ion: 84 Resp: 874917

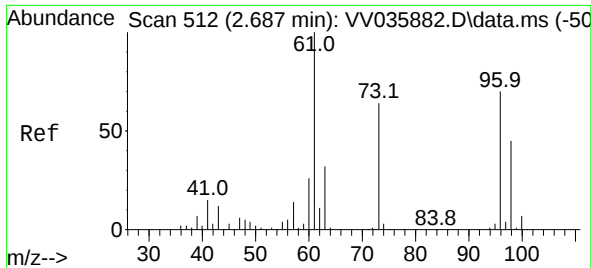
Ion Ratio Lower Upper

84 100

86 64.2 44.6 82.8

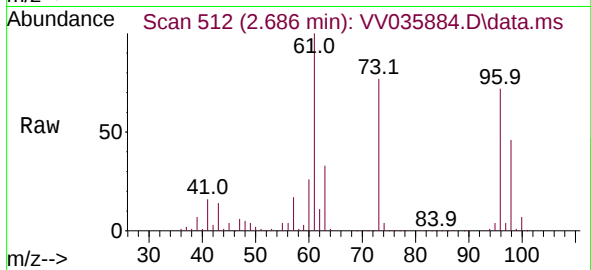
49 116.6 81.1 150.5





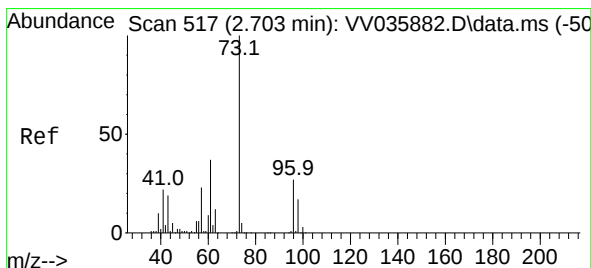
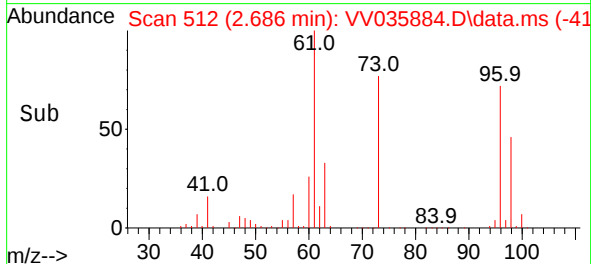
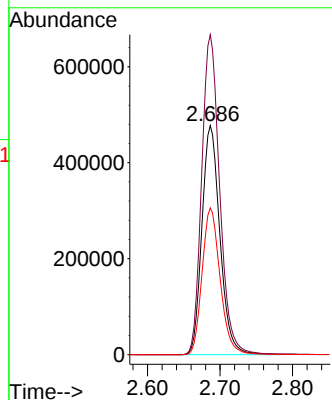
#17
trans-1,2-Dichloroethene
Concen: 89.141 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 823102

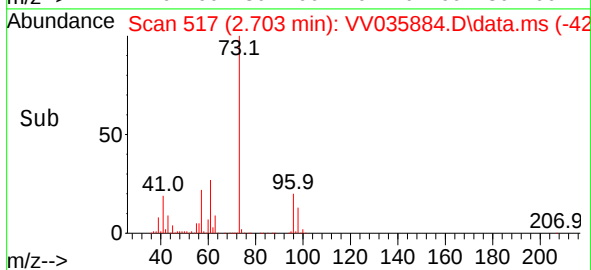
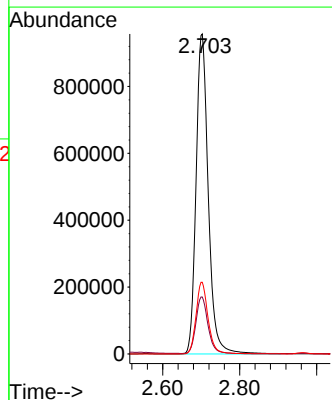
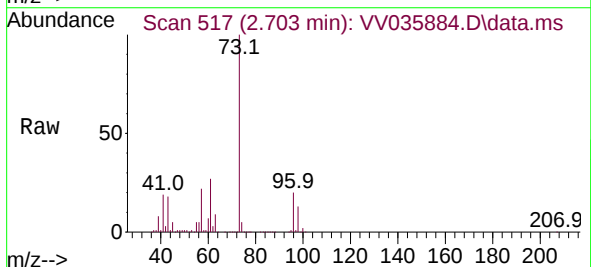
Ion	Ratio	Lower	Upper
96	100		
61	139.6	99.4	184.6
98	64.1	44.9	83.3

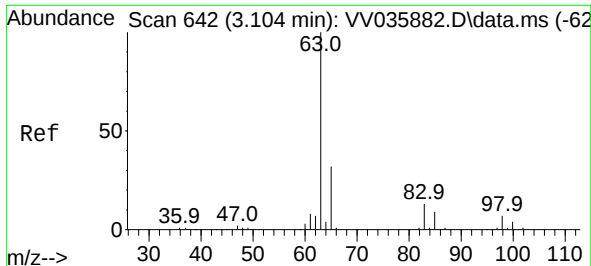


#18
Methyl tert-butyl Ether
Concen: 96.501 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion: 73 Resp: 2107471

Ion	Ratio	Lower	Upper
73	100		
43	17.5	14.3	21.5
57	21.9	17.8	26.6

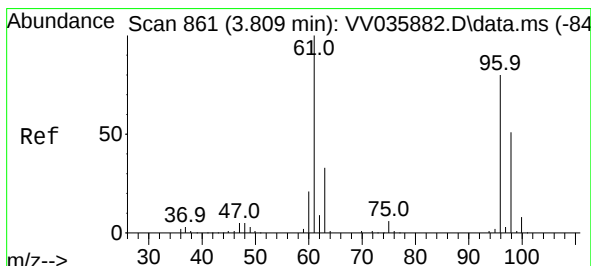
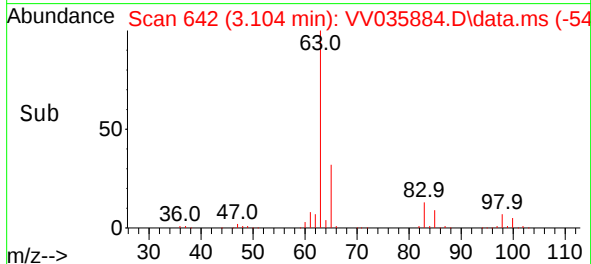
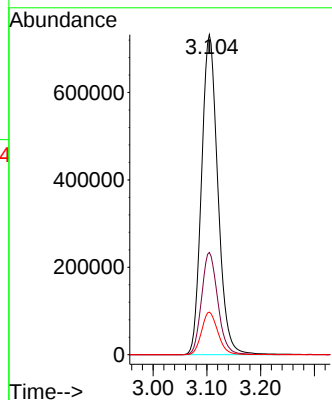
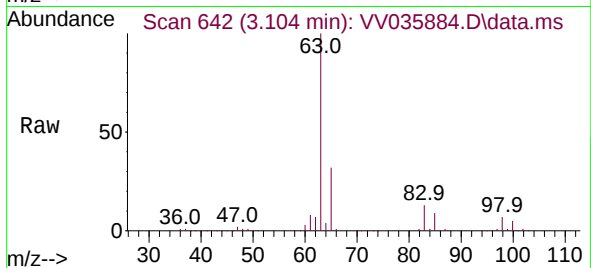




#19
1,1-Dichloroethane
Concen: 89.893 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

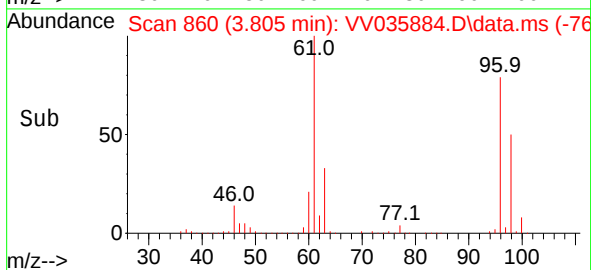
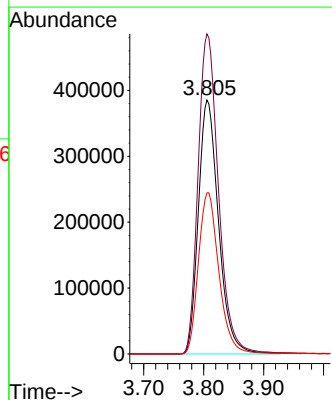
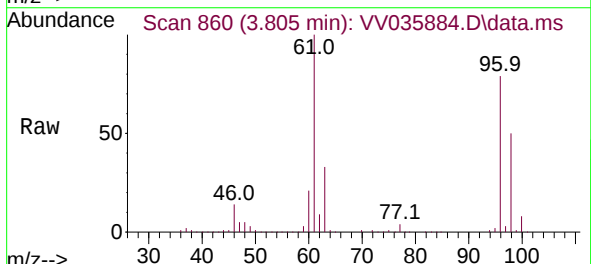
Instrument :
MSVOA_V
ClientSampleId :

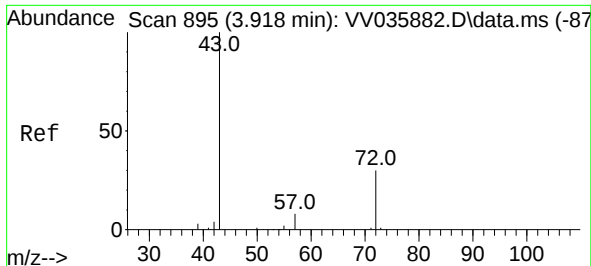
Tgt Ion: 63 Resp: 1544942
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 92.262 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion: 96 Resp: 905070
Ion Ratio Lower Upper
96 100
61 126.0 87.9 163.3
98 63.5 44.4 82.5





#22

2-Butanone

Concen: 179.766 ug/L

RT: 3.899 min Scan# 895

Delta R.T. -0.019 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

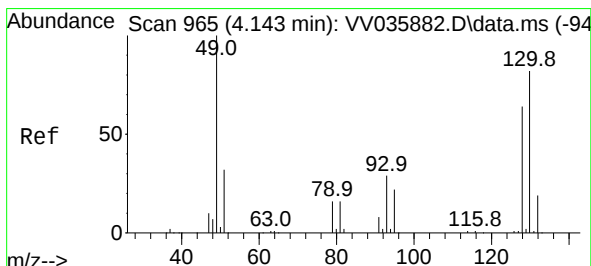
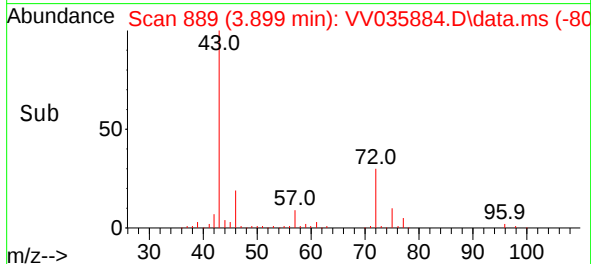
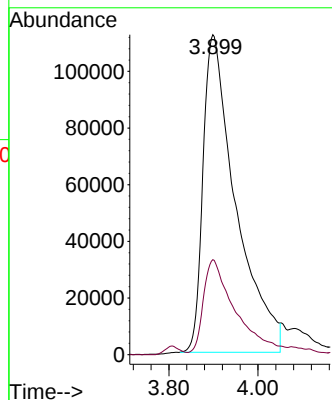
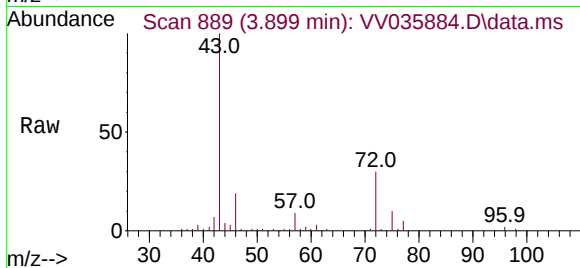
ClientSampleId :

Tgt Ion: 43 Resp: 572195

Ion Ratio Lower Upper

43 100

72 28.2 8.2 24.4#



#23

Bromochloromethane

Concen: 89.626 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Tgt Ion:128 Resp: 427922

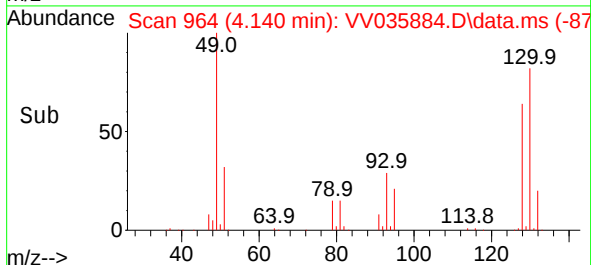
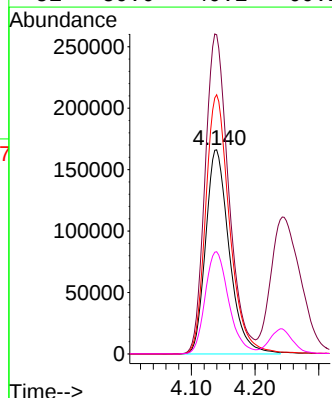
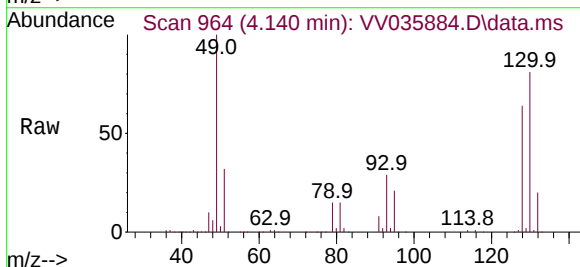
Ion Ratio Lower Upper

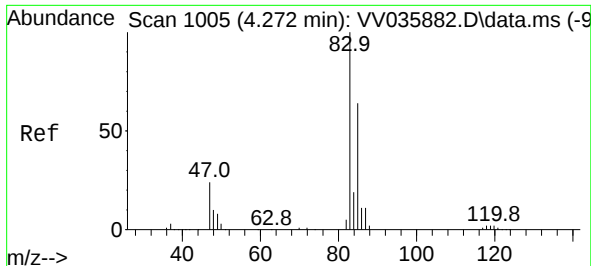
128 100

49 156.3 110.2 204.6

130 126.9 90.2 167.4

51 50.0 40.2 60.2





#25

Chloroform

Concen: 89.478 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

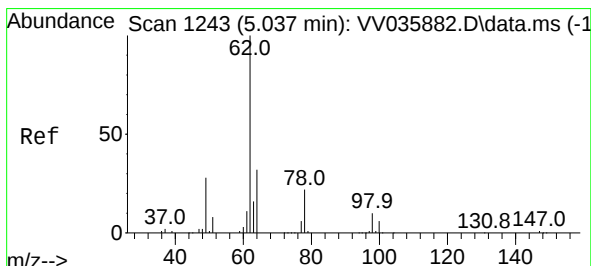
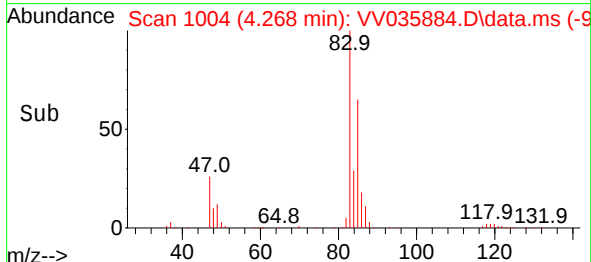
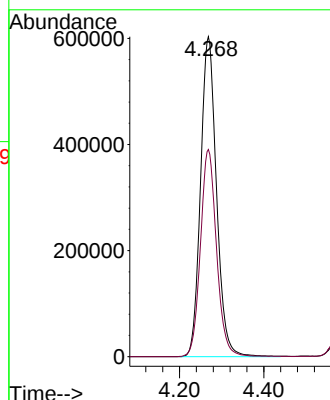
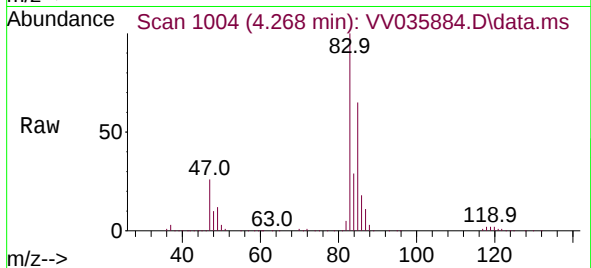
ClientSampleId :

Tgt Ion: 83 Resp: 1583214

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 94.419 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV035884.D

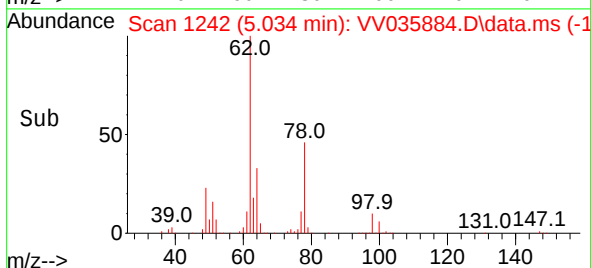
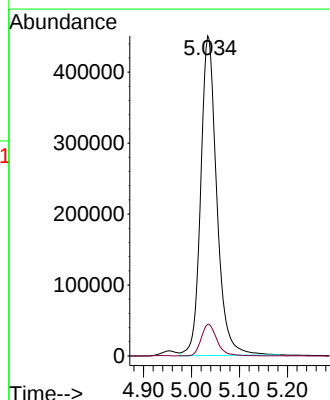
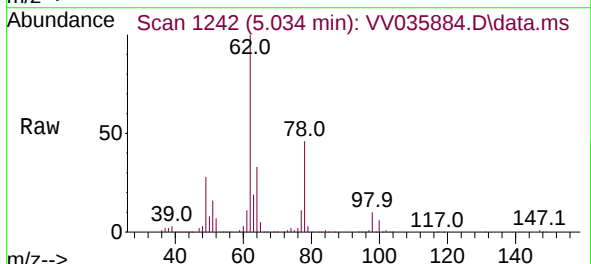
Acq: 30 May 2024 10:38

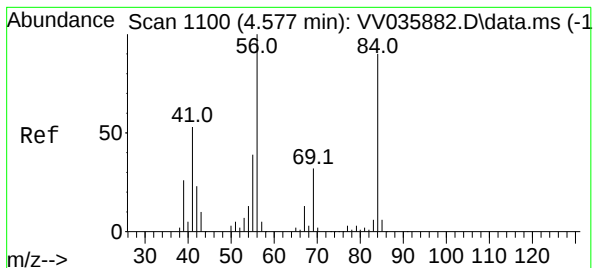
Tgt Ion: 62 Resp: 1048374

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 101.390 ug/L

RT: 4.574 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

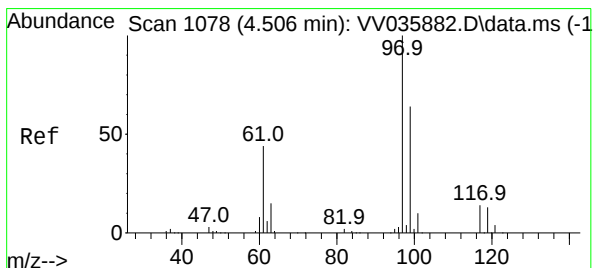
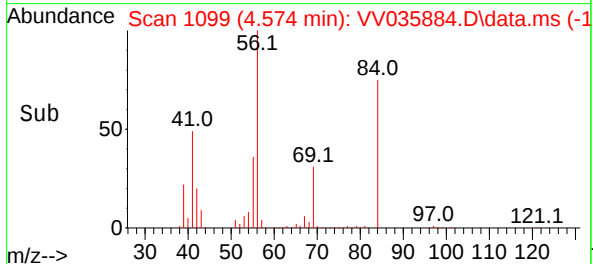
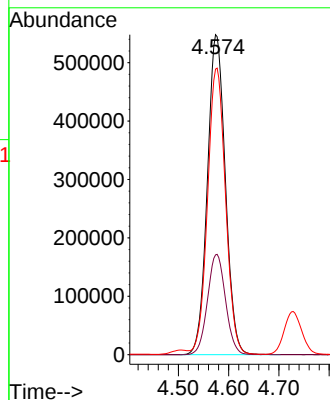
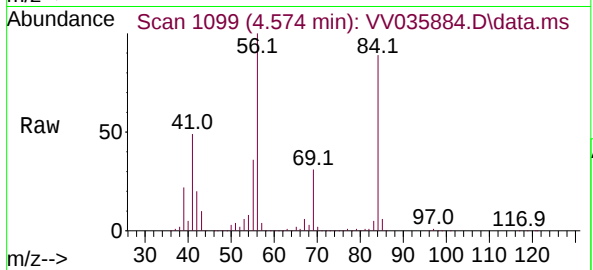
Tgt Ion: 56 Resp: 1360373

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 89.6 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 85.769 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

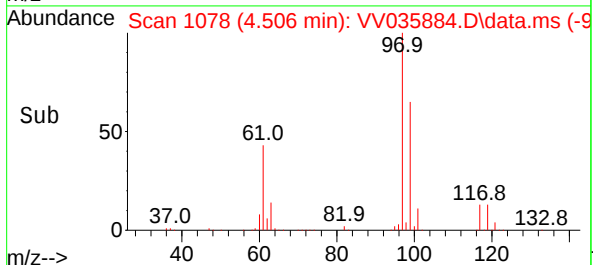
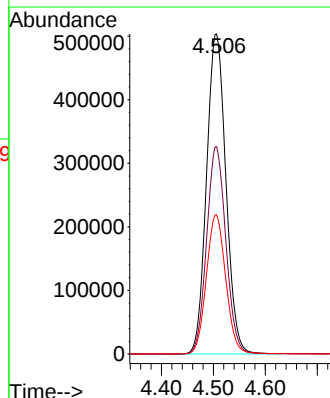
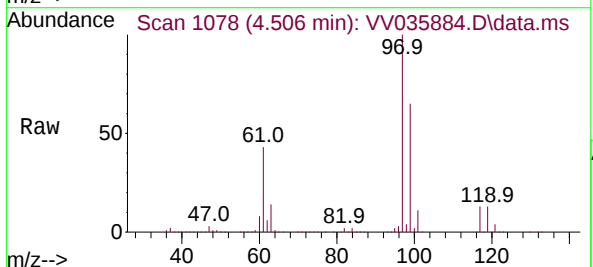
Tgt Ion: 97 Resp: 1304055

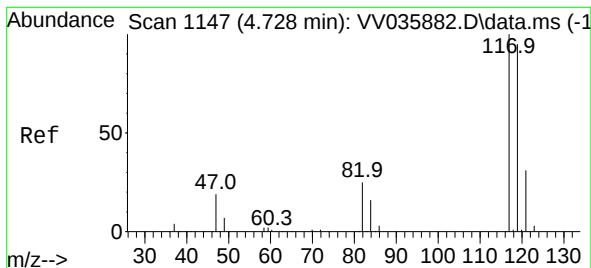
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 43.4 35.0 52.6





#31

Carbon tetrachloride

Concen: 85.529 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

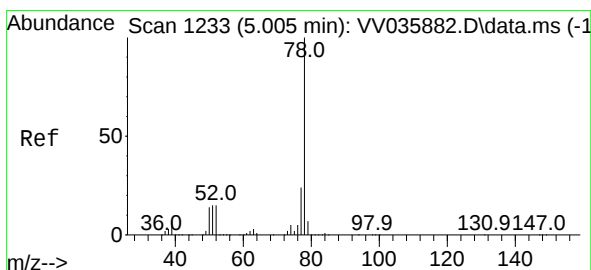
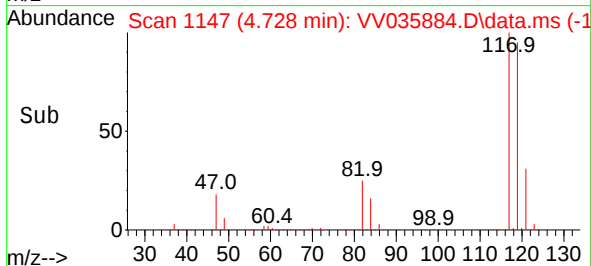
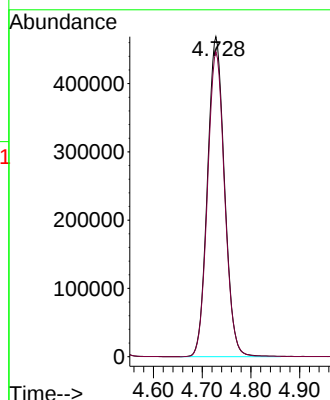
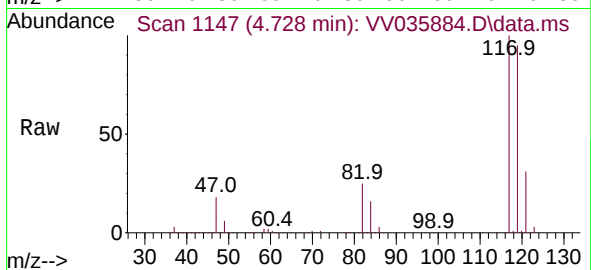
ClientSampleId :

Tgt Ion:117 Resp: 1139264

Ion Ratio Lower Upper

117 100

119 95.7 76.8 115.2



#33

Benzene

Concen: 91.236 ug/L

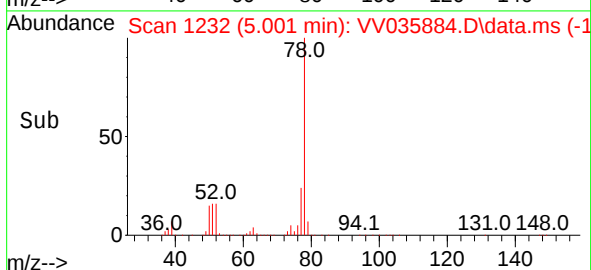
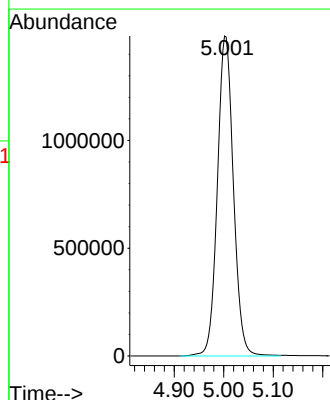
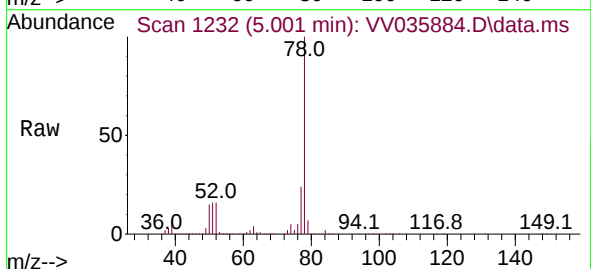
RT: 5.001 min Scan# 1232

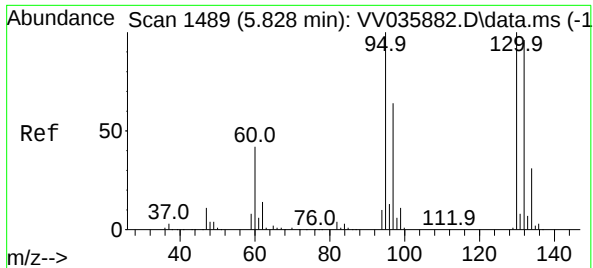
Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Tgt Ion: 78 Resp: 3341996

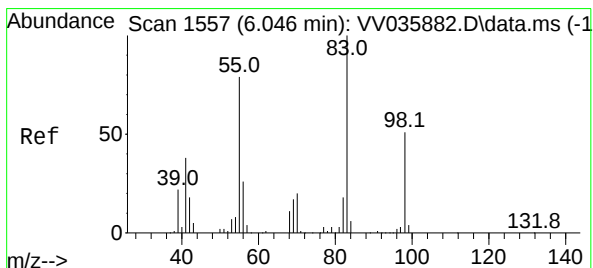
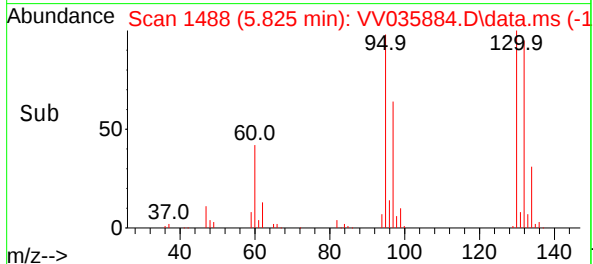
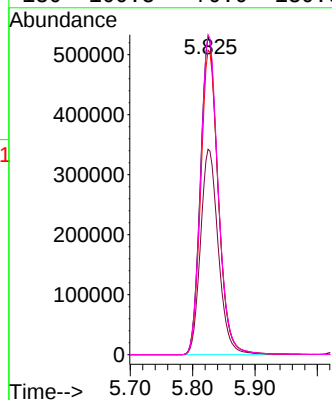
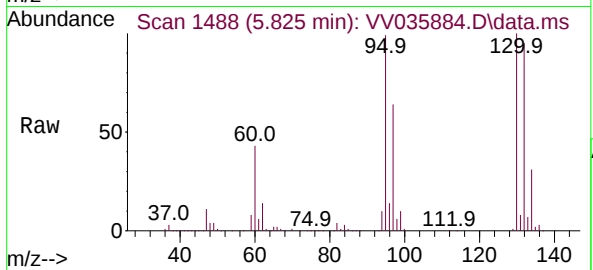




#34
Trichloroethene
Concen: 99.020 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

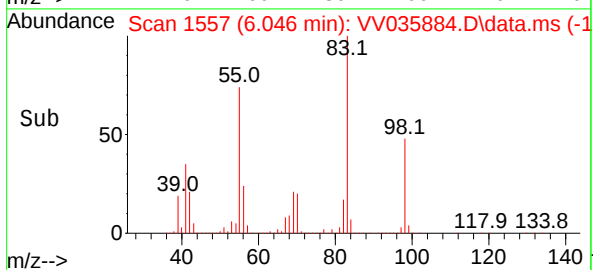
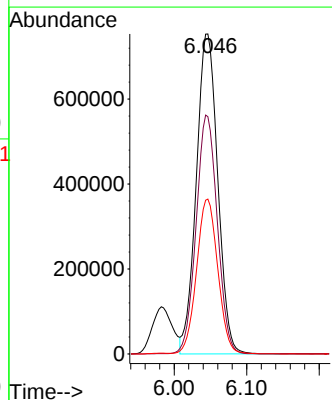
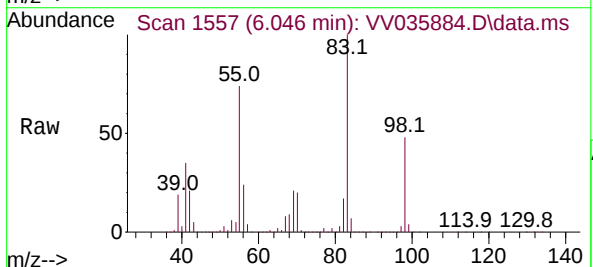
Instrument :
MSVOA_V
ClientSampleId :

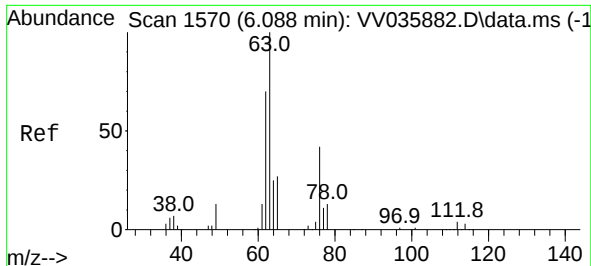
Tgt Ion: 95 Resp: 1042557
Ion Ratio Lower Upper
95 100
97 64.7 44.8 83.2
132 95.9 66.8 124.2
130 100.8 70.0 130.0



#35
Methylcyclohexane
Concen: 97.430 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion: 83 Resp: 1546156
Ion Ratio Lower Upper
83 100
55 73.7 60.7 91.1
98 48.0 38.7 58.1





#37

1,2-Dichloropropane

Concen: 95.617 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

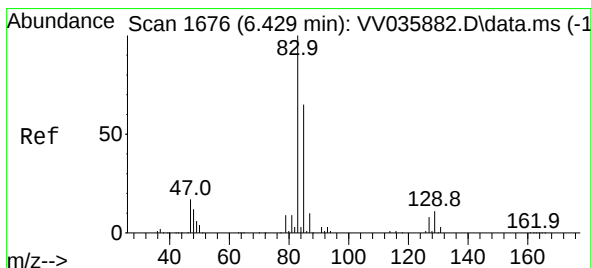
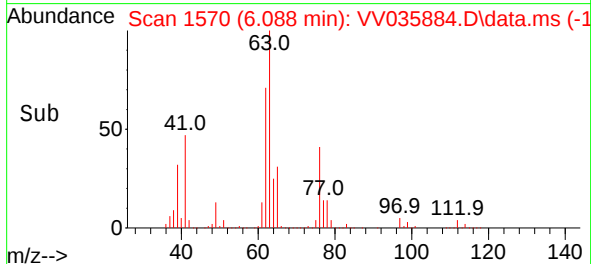
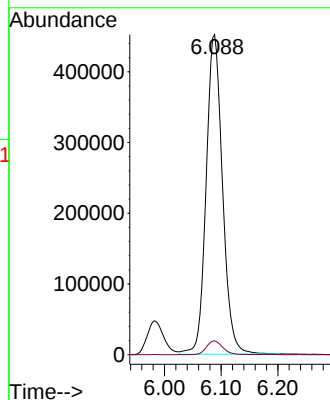
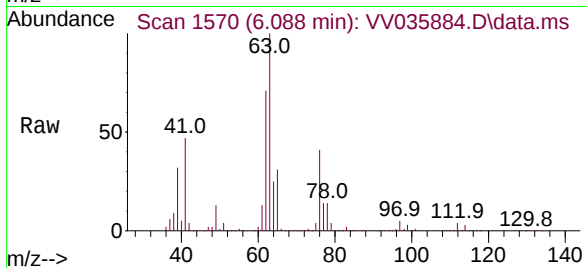
ClientSampleId :

Tgt Ion: 63 Resp: 908479

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 90.931 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

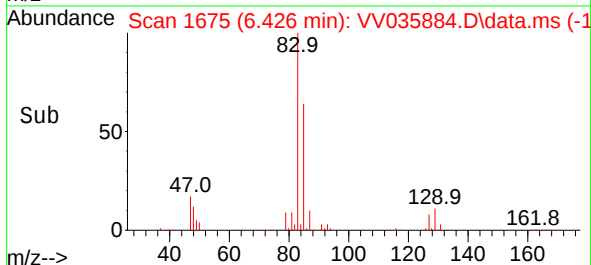
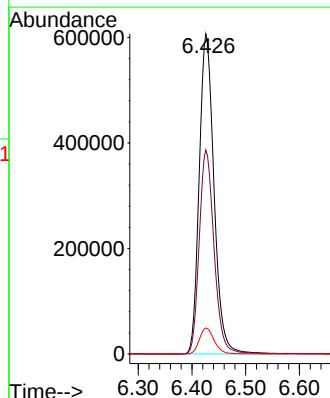
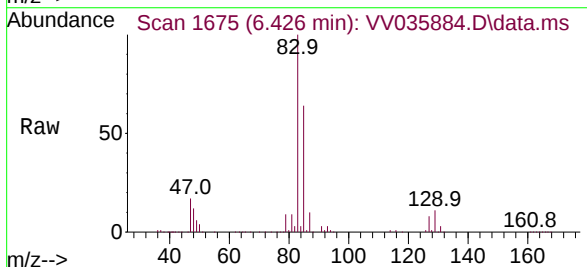
Tgt Ion: 83 Resp: 1161674

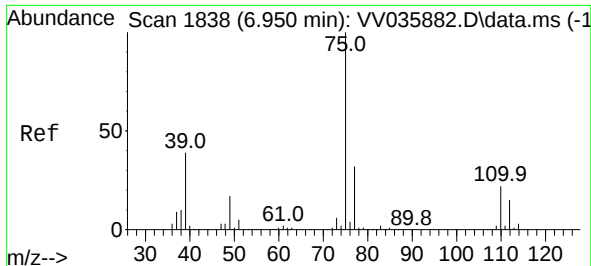
Ion Ratio Lower Upper

83 100

85 63.8 45.3 84.1

127 8.1 6.7 10.1

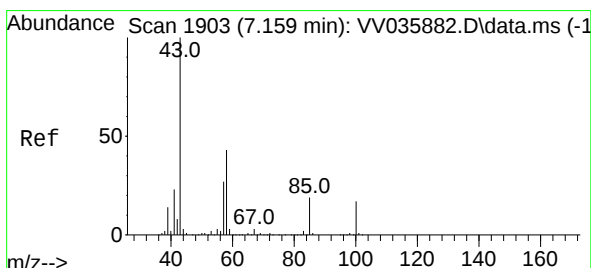
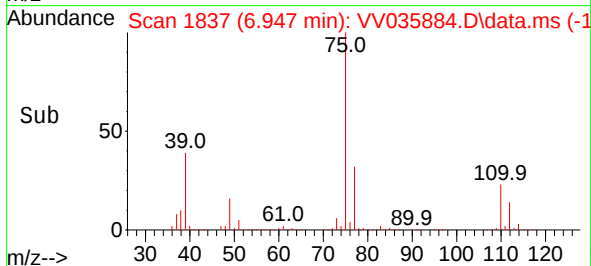
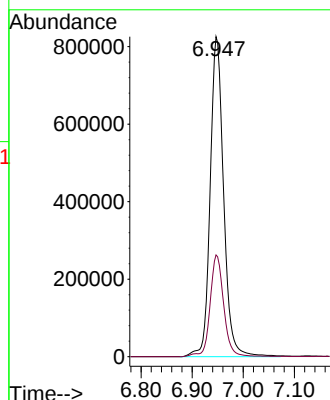
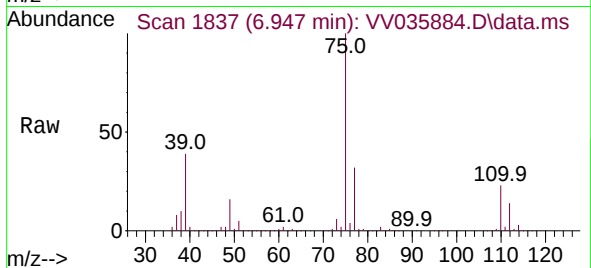




#39
cis-1,3-Dichloropropene
Concen: 102.037 ug/L
RT: 6.947 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

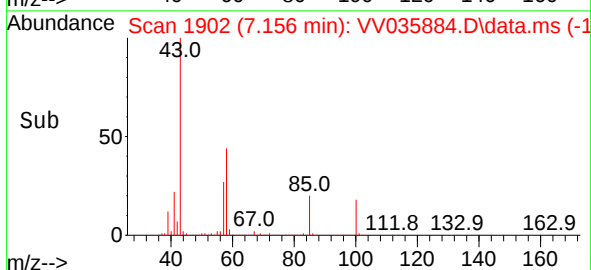
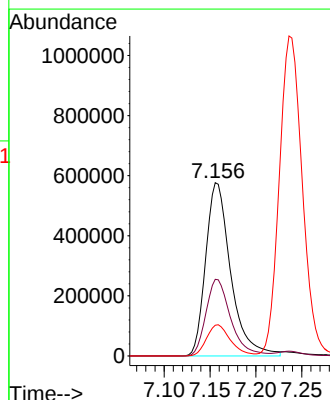
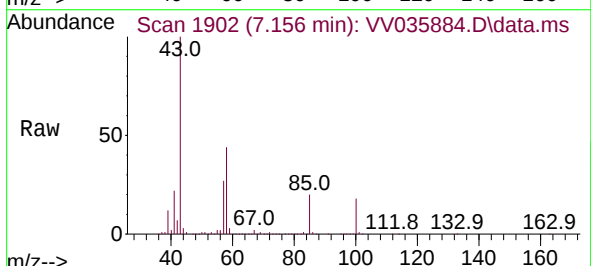
Instrument :
MSVOA_V
ClientSampleId :

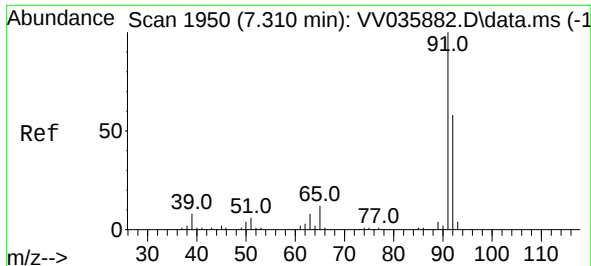
Tgt Ion: 75 Resp: 1509783
Ion Ratio Lower Upper
75 100
77 31.8 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 193.881 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion: 43 Resp: 1096080
Ion Ratio Lower Upper
43 100
58 43.7 32.5 48.7
100 17.3 12.5 18.7





#42

Toluene

Concen: 93.784 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

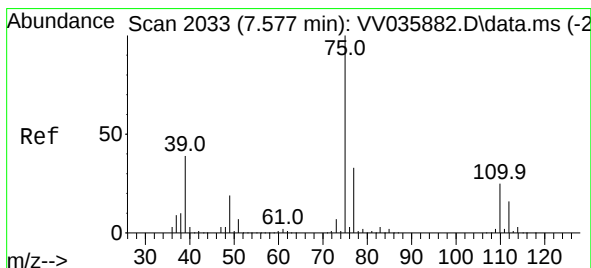
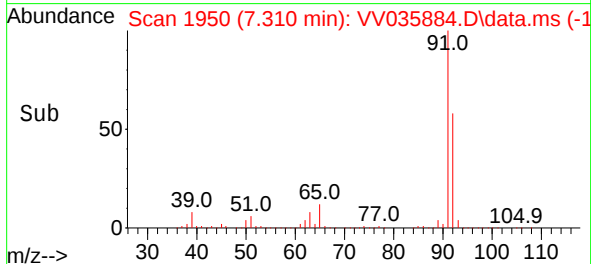
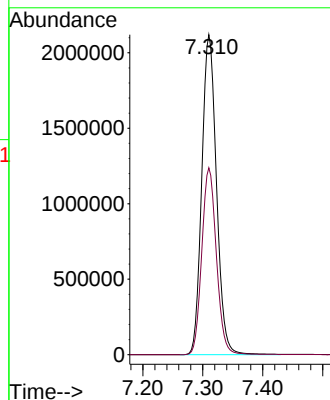
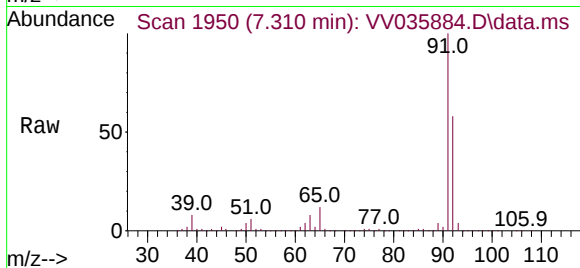
ClientSampleId :

Tgt Ion: 91 Resp: 3620956

Ion Ratio Lower Upper

91 100

92 58.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 100.453 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV035884.D

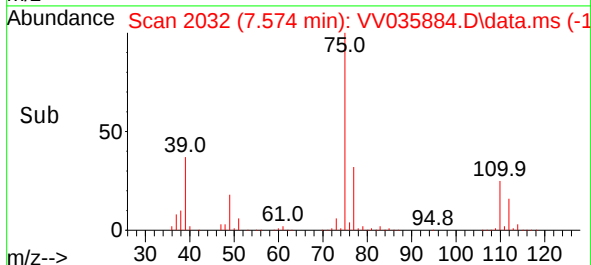
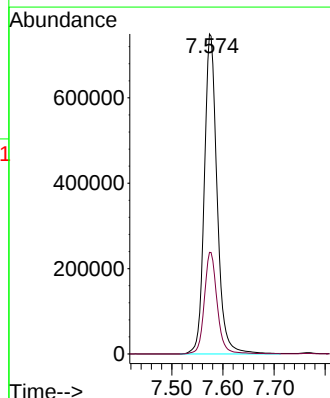
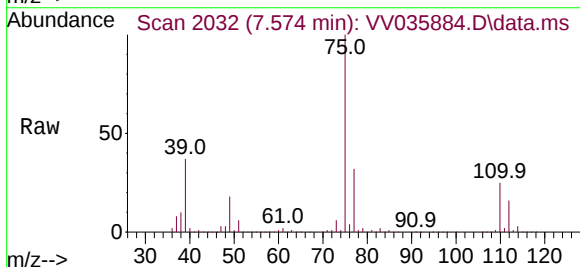
Acq: 30 May 2024 10:38

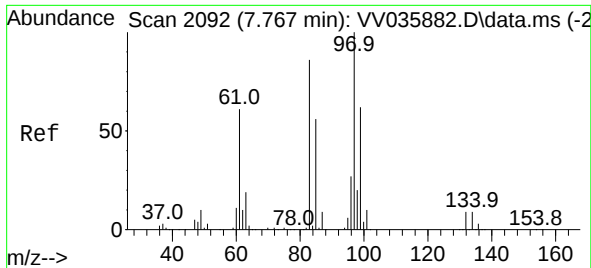
Tgt Ion: 75 Resp: 1302066

Ion Ratio Lower Upper

75 100

77 31.8 23.1 42.9



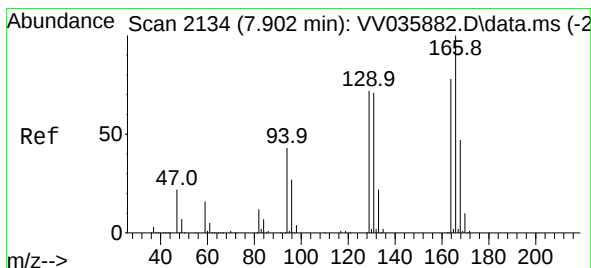
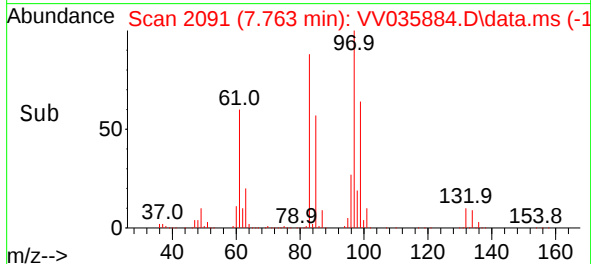
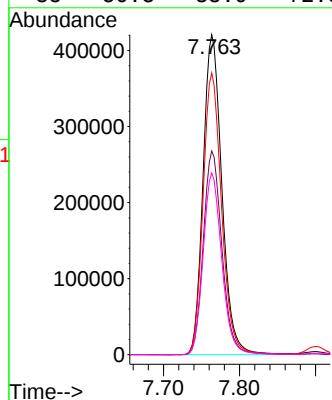
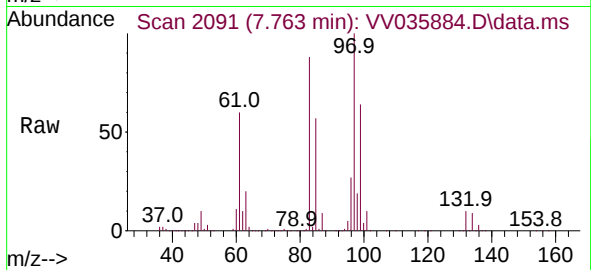


#45
1,1,2-Trichloroethane
Concen: 89.787 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 721804

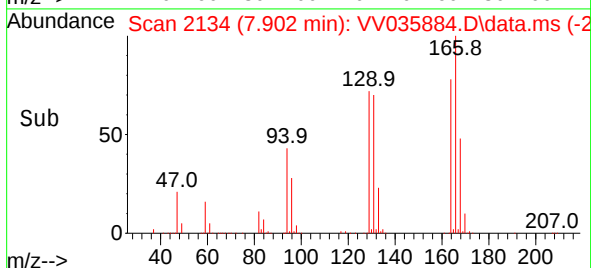
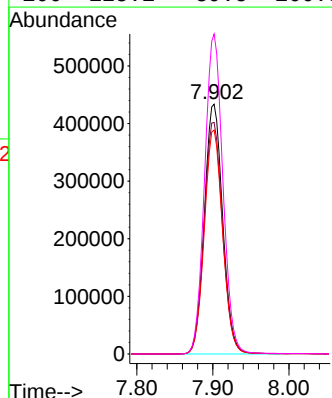
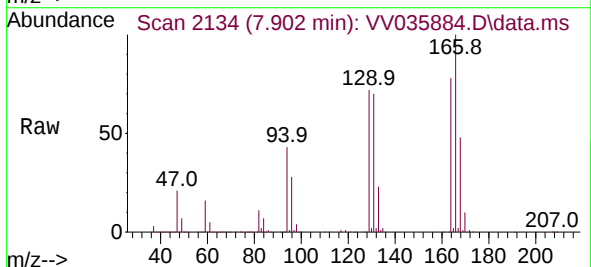
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.3	80.5
83	88.1	60.1	111.7
85	56.8	38.9	72.3

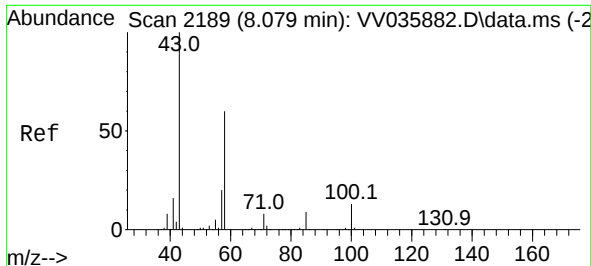


#46
Tetrachloroethene
Concen: 87.121 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion:164 Resp: 728382

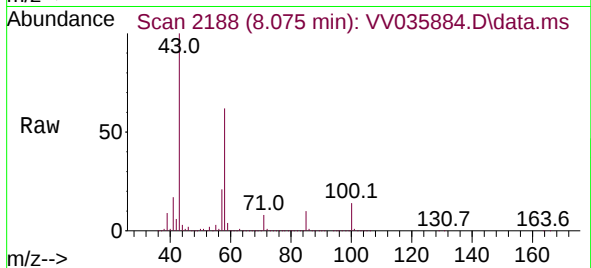
Ion	Ratio	Lower	Upper
164	100		
129	92.7	64.6	120.0
131	89.6	63.2	117.4
166	128.1	89.5	166.3



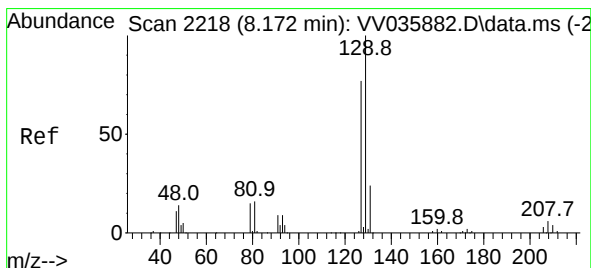
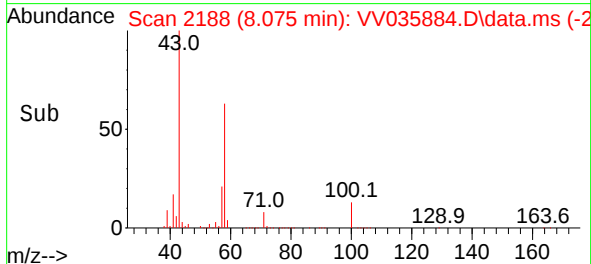
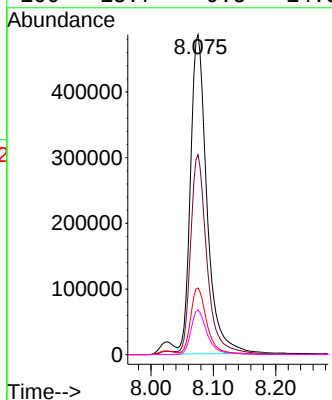


#48
2-Hexanone
Concen: 205.947 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :

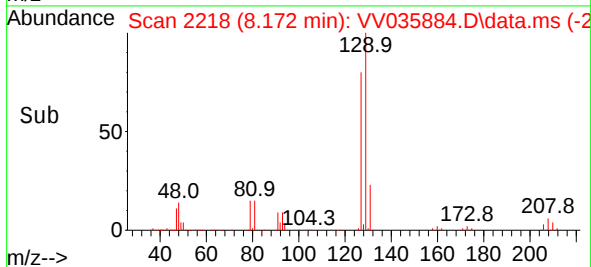
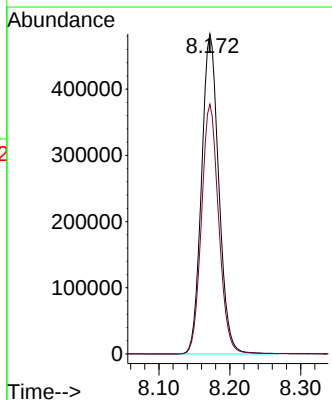
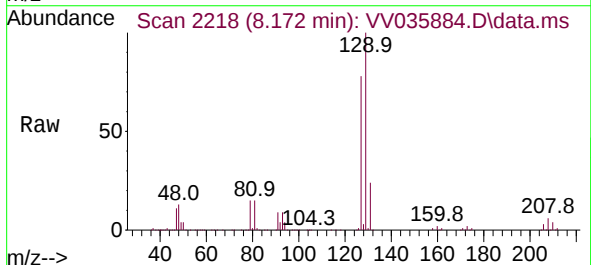


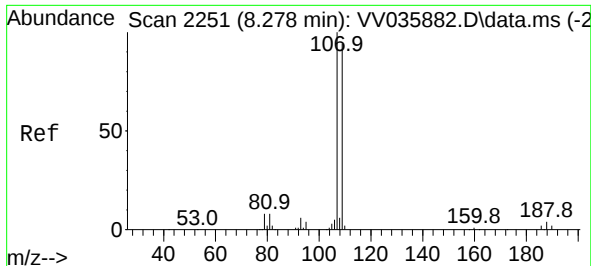
Tgt Ion: 43 Resp: 890526
Ion Ratio Lower Upper
43 100
58 61.4 45.4 68.0
57 20.9 15.8 23.8
100 13.7 9.8 14.8



#49
Dibromochloromethane
Concen: 90.754 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

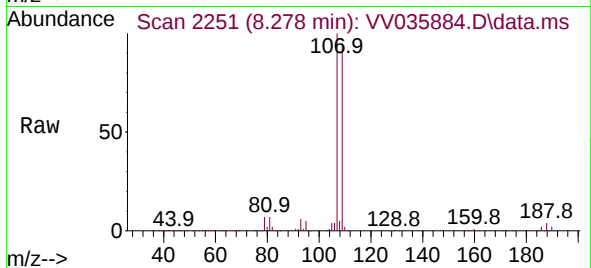
Tgt Ion: 129 Resp: 816174
Ion Ratio Lower Upper
129 100
127 78.0 53.9 100.1



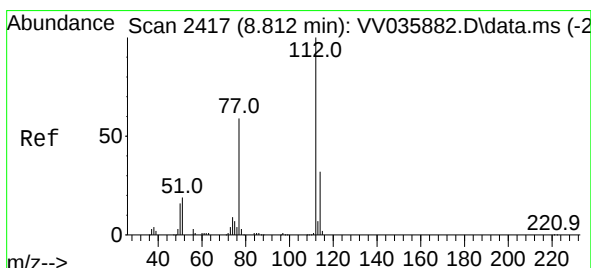
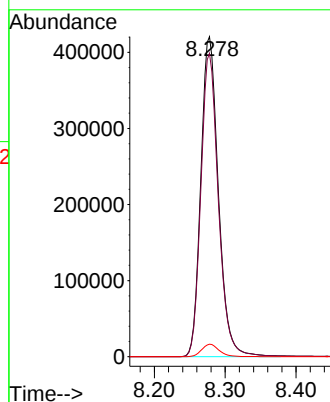
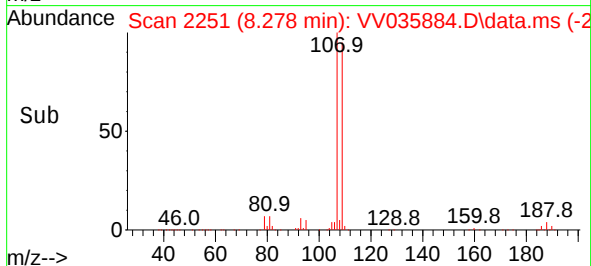


#50
1,2-Dibromoethane
Concen: 91.759 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :

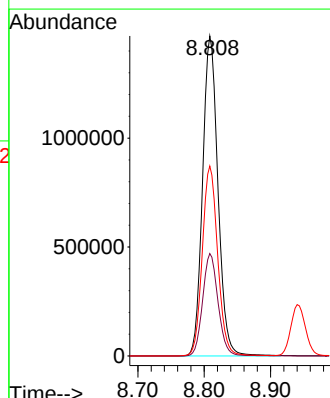
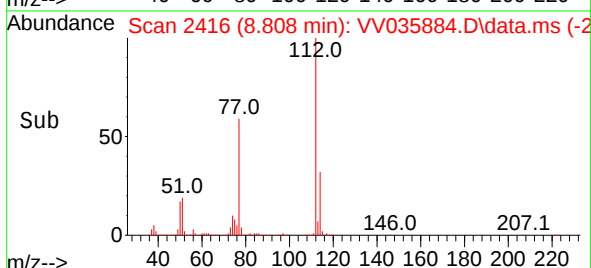
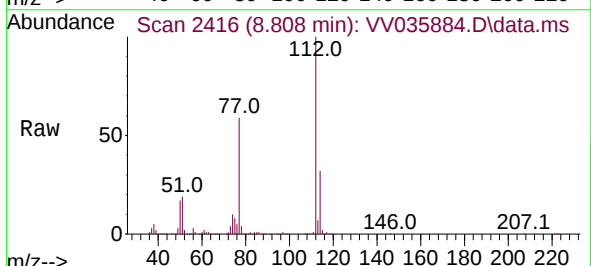


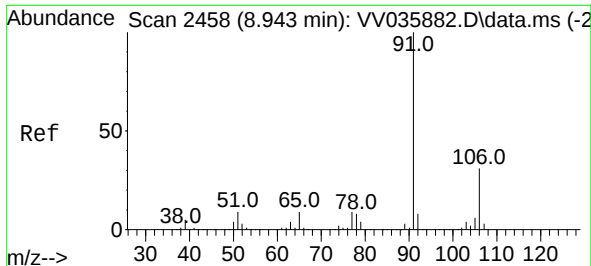
Tgt Ion:107 Resp: 725603
Ion Ratio Lower Upper
107 100
109 94.8 66.1 122.7
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 89.072 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion:112 Resp: 2365356
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 59.4 47.3 70.9





#52

Ethylbenzene

Concen: 96.434 ug/L

RT: 8.940 min Scan# 2458

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

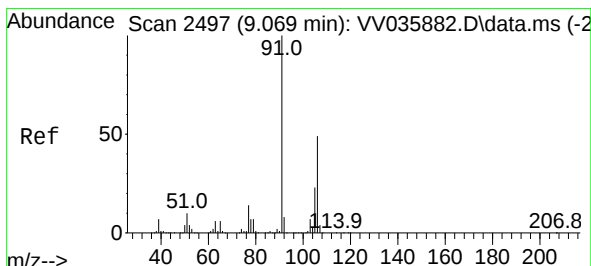
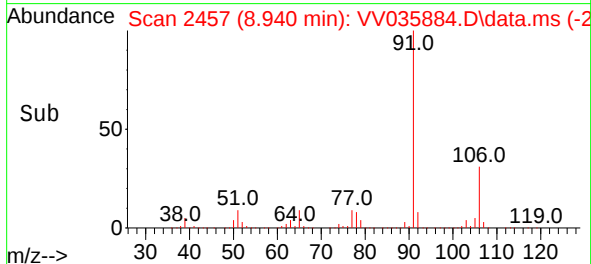
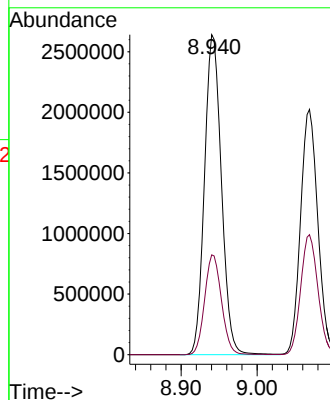
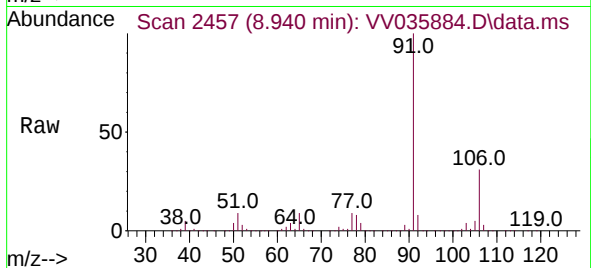
ClientSampleId :

Tgt Ion: 91 Resp: 4083739

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-Xylene

Concen: 97.452 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV035884.D

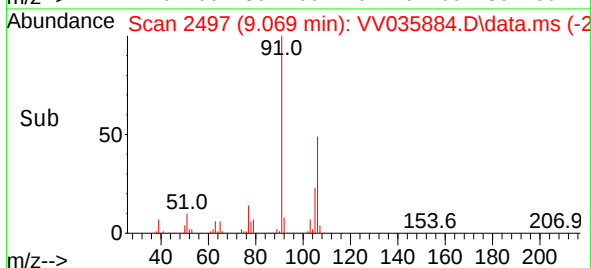
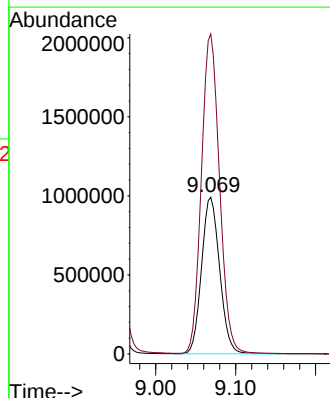
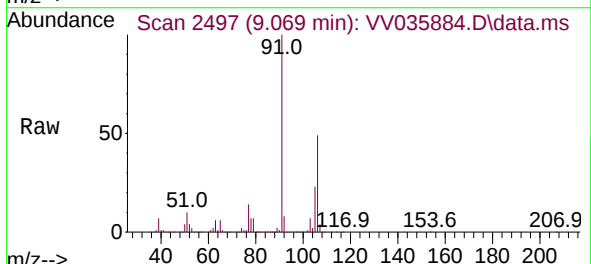
Acq: 30 May 2024 10:38

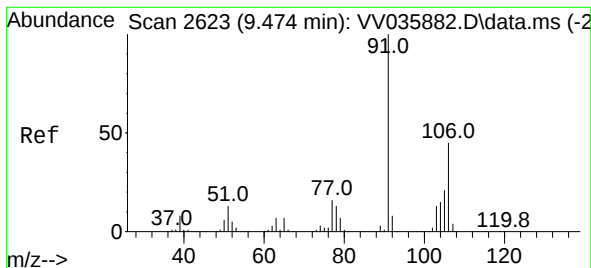
Tgt Ion:106 Resp: 1560681

Ion Ratio Lower Upper

106 100

91 204.2 143.1 265.9





#54

o-Xylene

Concen: 100.223 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

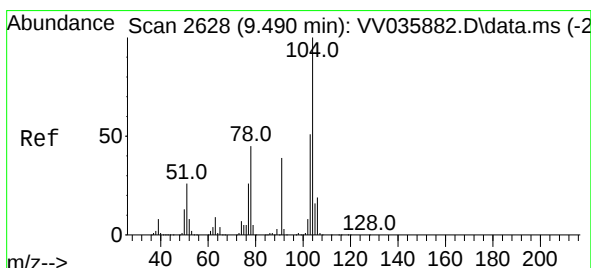
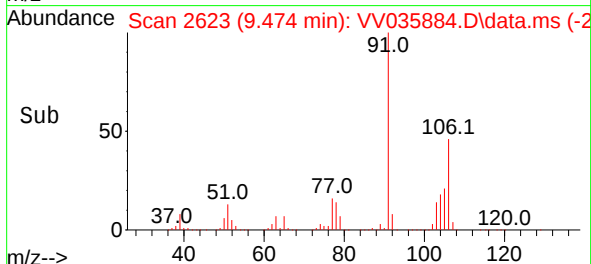
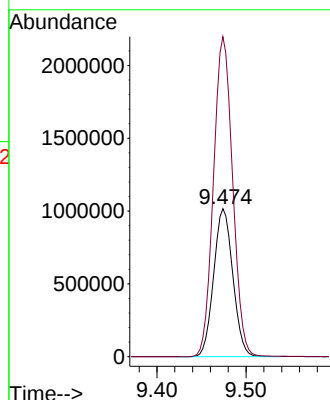
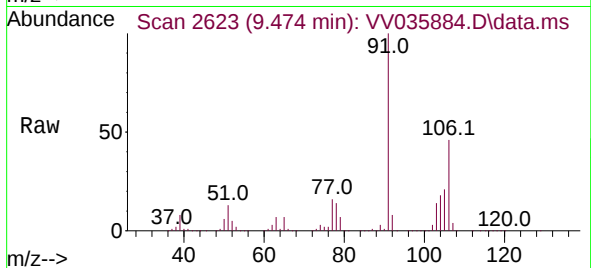
ClientSampleId :

Tgt Ion:106 Resp: 1517264

Ion Ratio Lower Upper

106 100

91 216.2 154.5 286.9



#55

Styrene

Concen: 100.908 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV035884.D

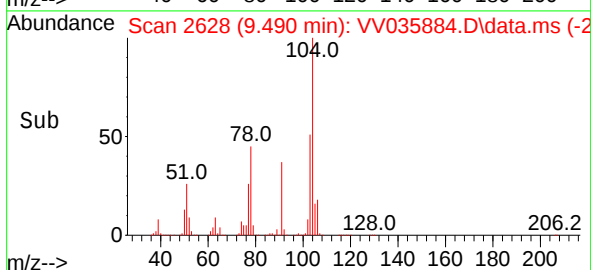
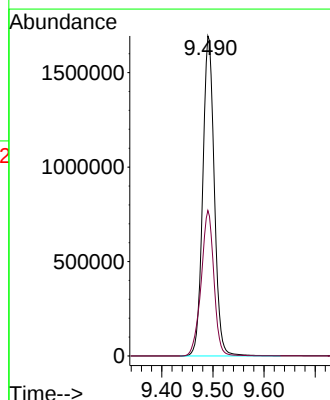
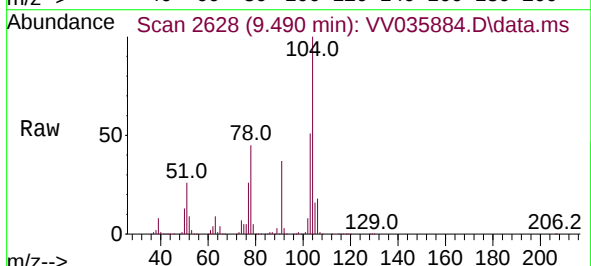
Acq: 30 May 2024 10:38

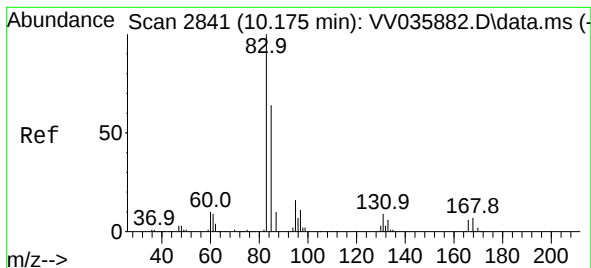
Tgt Ion:104 Resp: 2671094

Ion Ratio Lower Upper

104 100

78 45.5 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 68.099 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

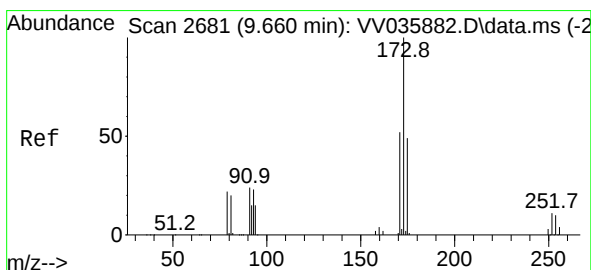
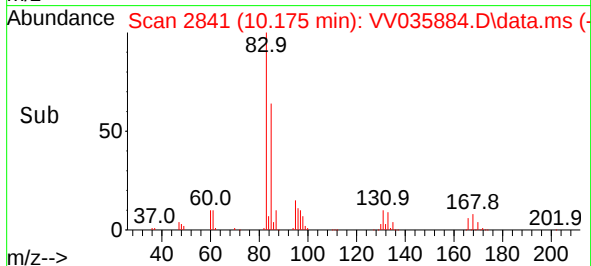
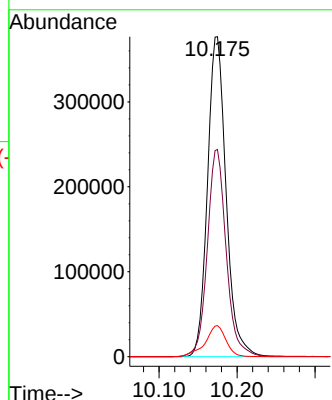
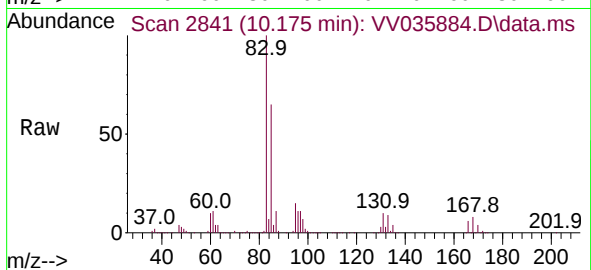
Tgt Ion: 83 Resp: 624776

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.7

131 9.7 7.6 11.4



#59

Bromoform

Concen: 92.343 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

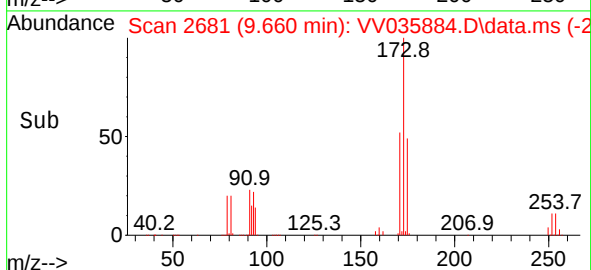
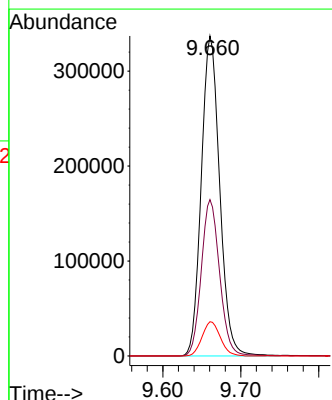
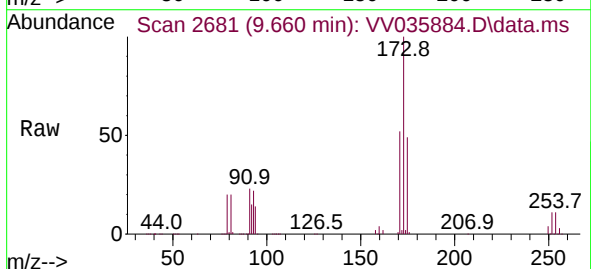
Tgt Ion: 173 Resp: 553291

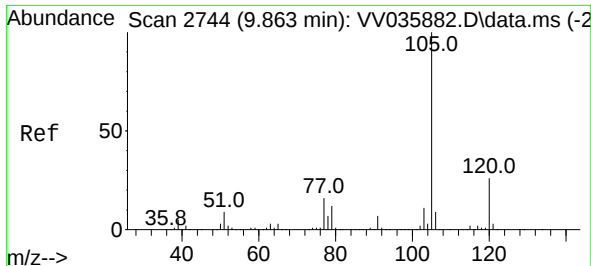
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

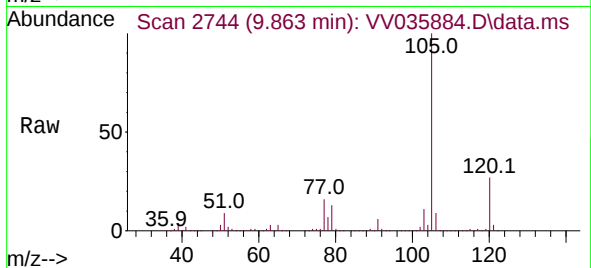
254 10.6 8.6 13.0



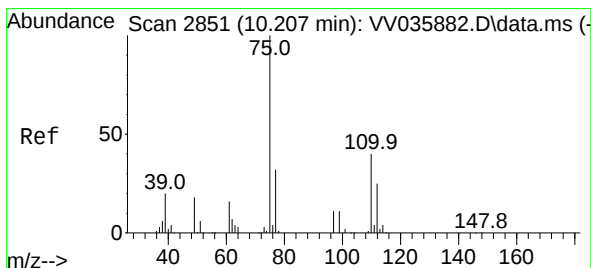
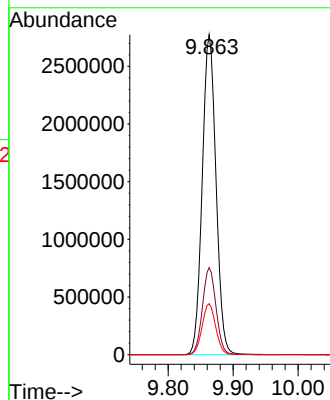
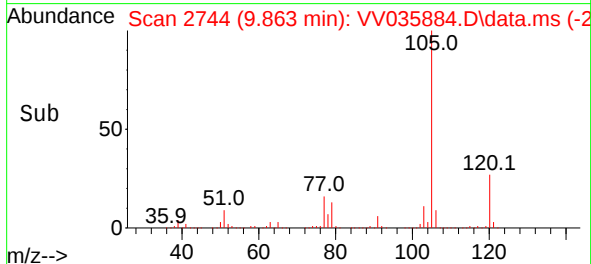


#60
Isopropylbenzene
Concen: 99.827 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

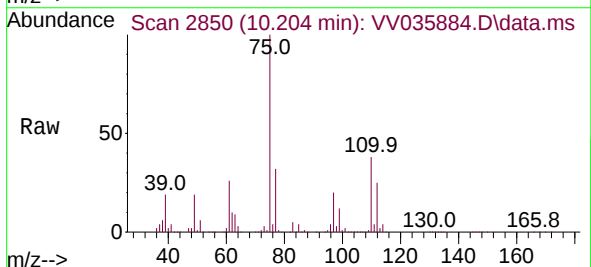
Instrument :
MSVOA_V
ClientSampleId :



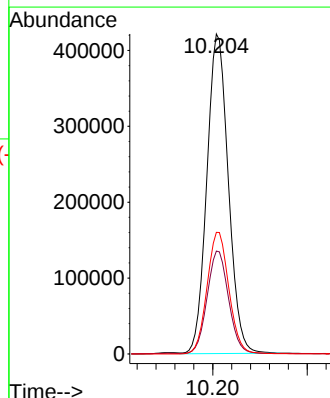
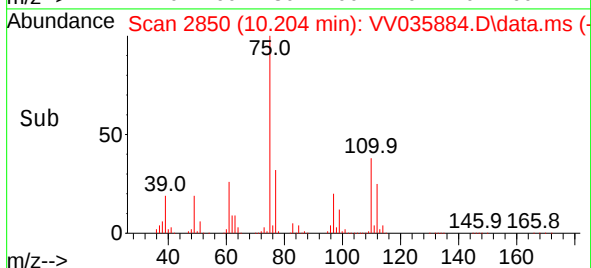
Tgt Ion:105 Resp: 4084769
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 15.8 12.6 18.8

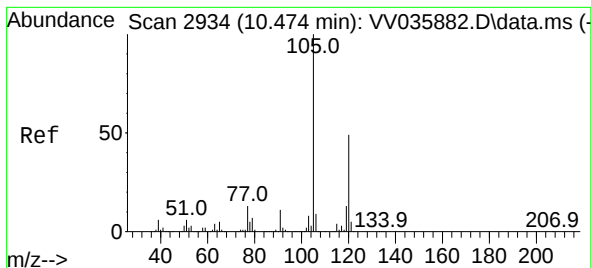


#61
1,2,3-Trichloropropane
Concen: 91.993 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38



Tgt Ion: 75 Resp: 664355
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 38.7 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 101.541 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

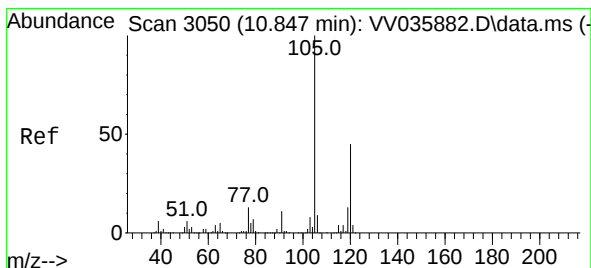
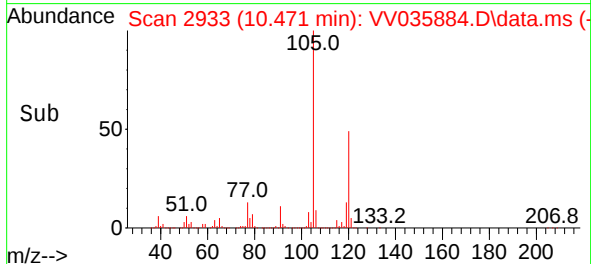
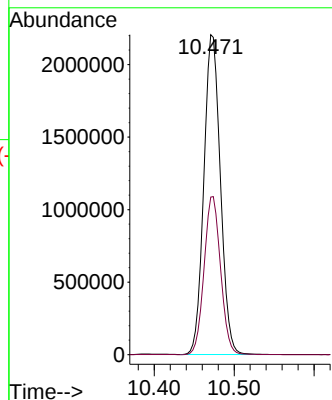
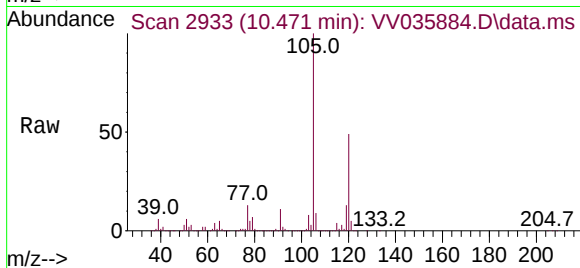
ClientSampleId :

Tgt Ion:105 Resp: 3180087

Ion Ratio Lower Upper

105 100

120 49.2 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 105.253 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV035884.D

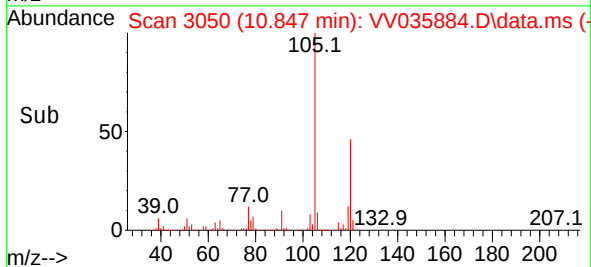
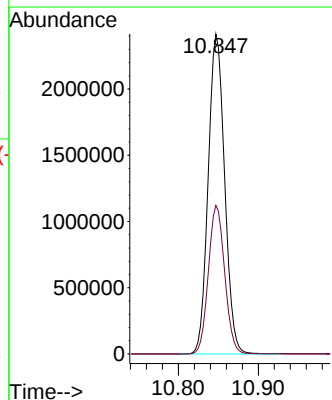
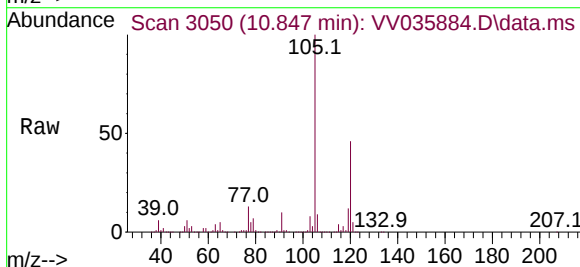
Acq: 30 May 2024 10:38

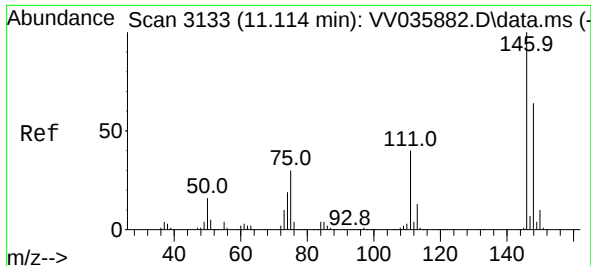
Tgt Ion:105 Resp: 3456512

Ion Ratio Lower Upper

105 100

120 46.1 36.2 54.4

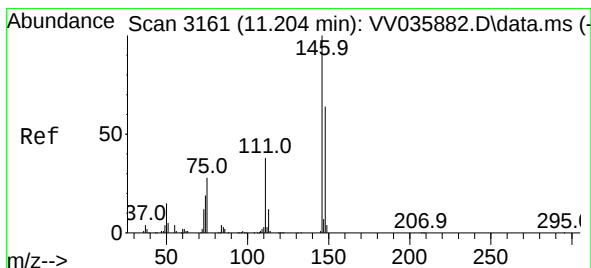
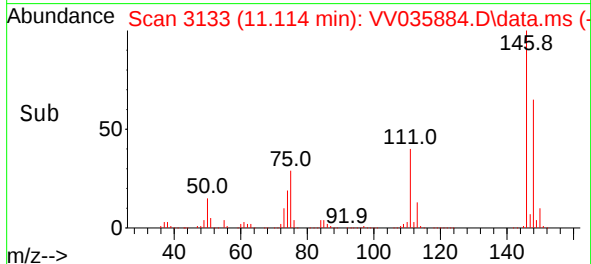
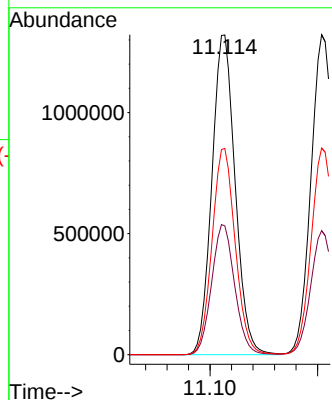
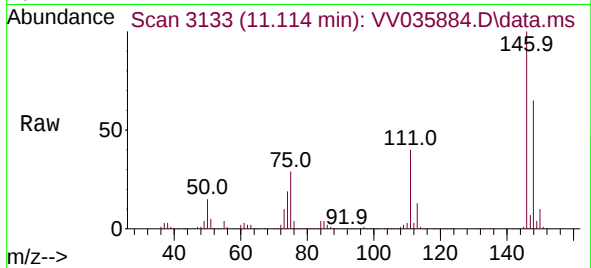




#64
1,3-Dichlorobenzene
Concen: 92.428 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

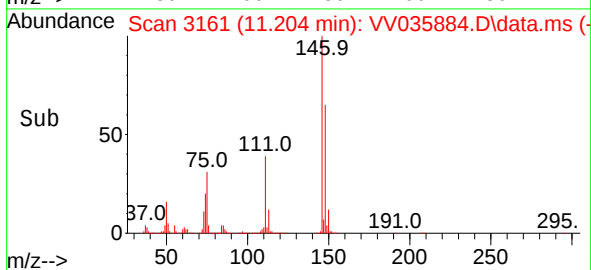
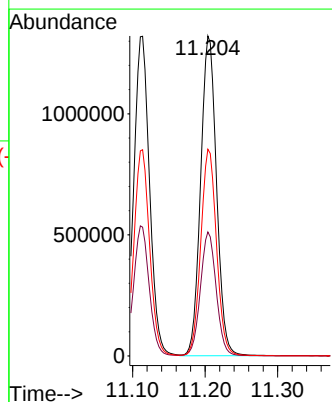
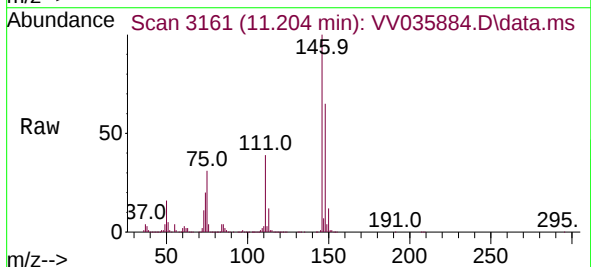
Instrument :
MSVOA_V
ClientSampleId :

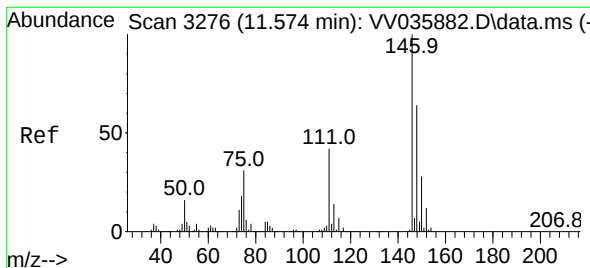
Tgt Ion:146 Resp: 1984028
Ion Ratio Lower Upper
146 100
111 40.3 28.1 52.1
148 64.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 89.838 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV035884.D
Acq: 30 May 2024 10:38

Tgt Ion:146 Resp: 2008406
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 64.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 92.023 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

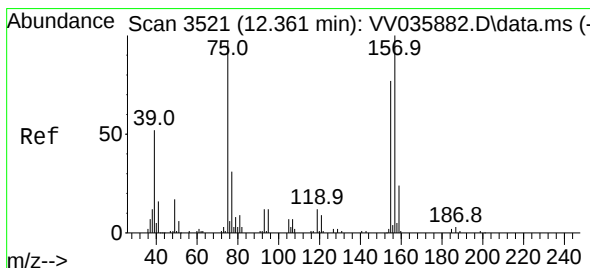
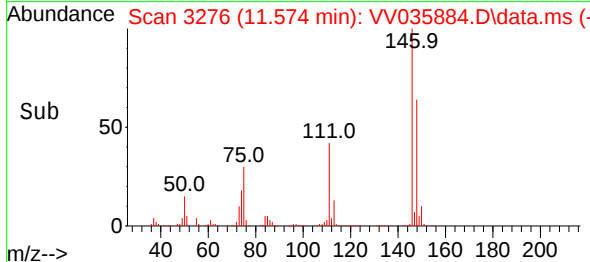
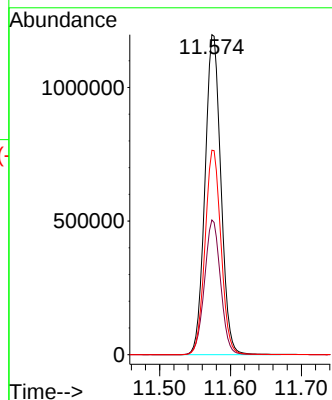
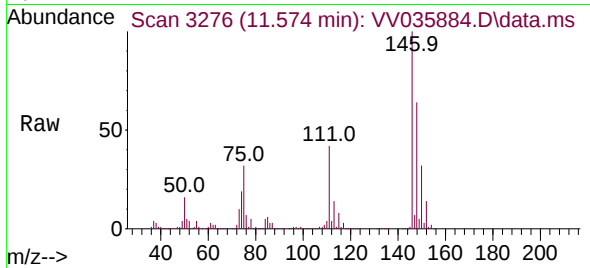
Tgt Ion:146 Resp: 1862246

Ion Ratio Lower Upper

146 100

111 42.1 33.5 50.3

148 63.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 90.048 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

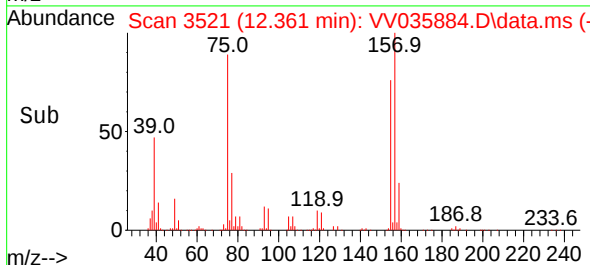
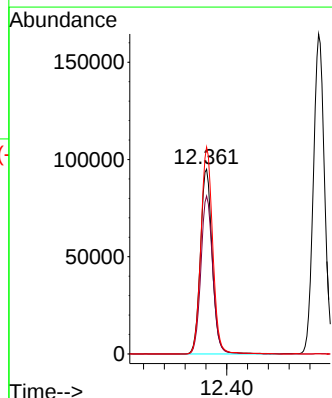
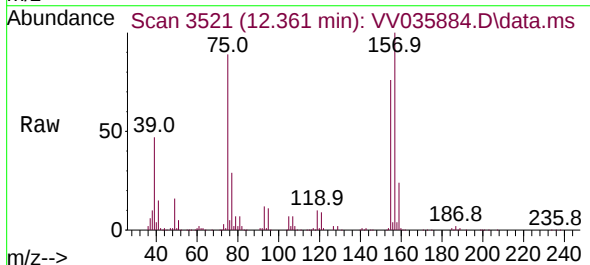
Tgt Ion: 75 Resp: 150916

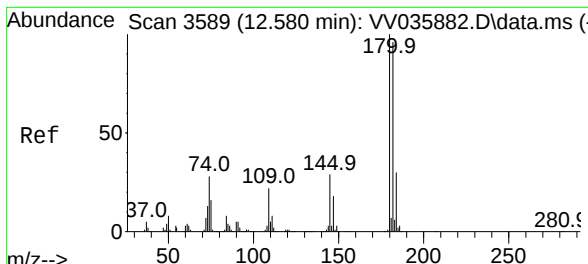
Ion Ratio Lower Upper

75 100

155 85.5 63.3 94.9

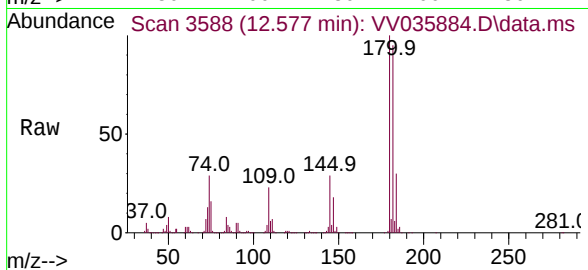
157 111.9 82.4 123.6





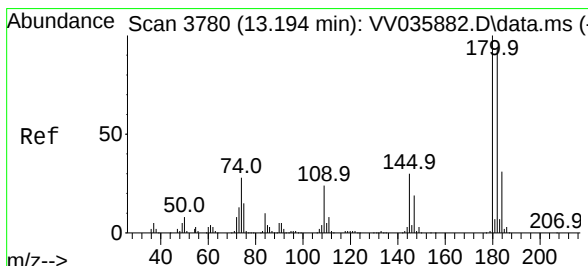
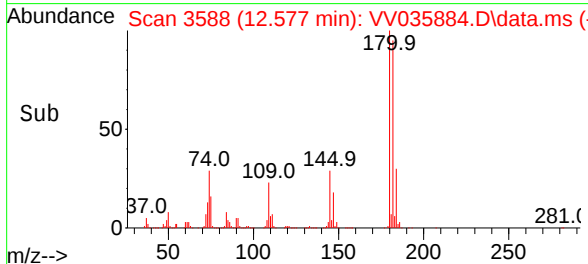
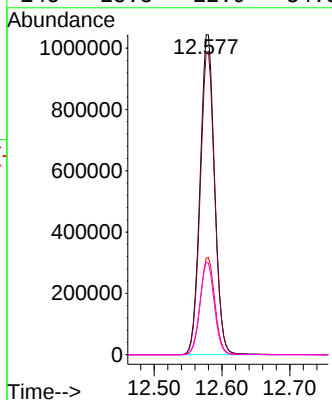
#69
 1,3,5-Trichlorobenzene
 Concen: 93.260 ug/L
 RT: 12.577 min Scan# 3588
 Delta R.T. -0.003 min
 Lab File: VV035884.D
 Acq: 30 May 2024 10:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 1549051

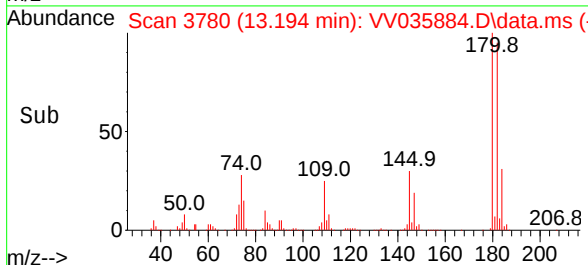
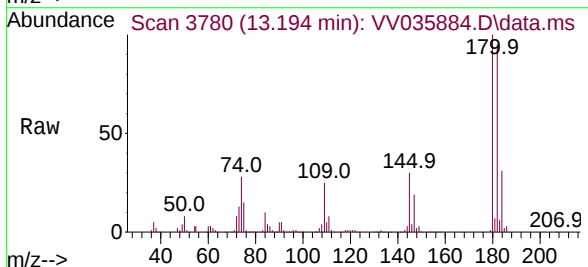
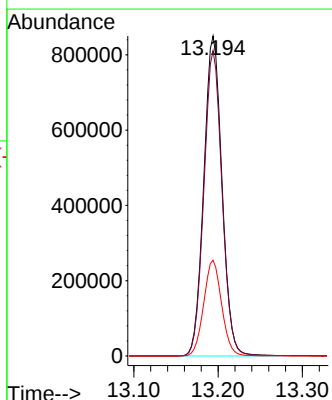
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
184	30.4	24.2	36.2
145	28.8	22.9	34.3

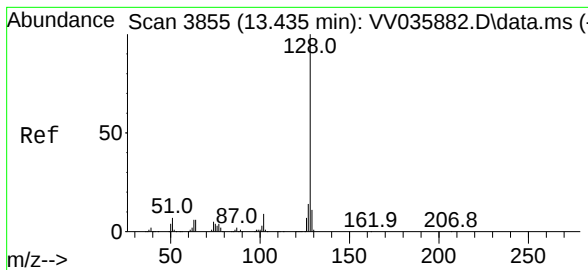


#70
 1,2,4-trichlorobenzene
 Concen: 92.800 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. -0.000 min
 Lab File: VV035884.D
 Acq: 30 May 2024 10:38

Tgt Ion:180 Resp: 1279370

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
145	29.5	23.5	35.3





#71

Naphthalene

Concen: 99.499 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.003 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

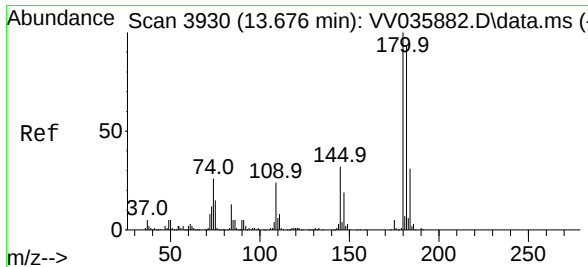
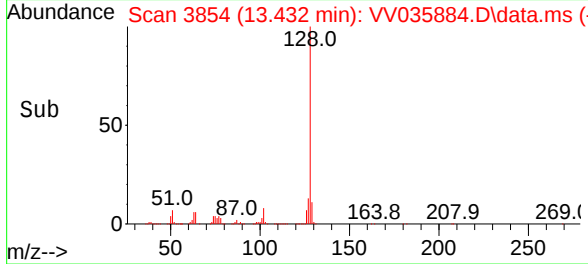
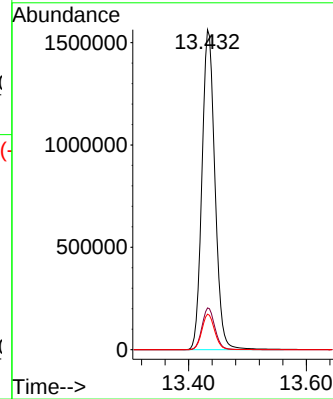
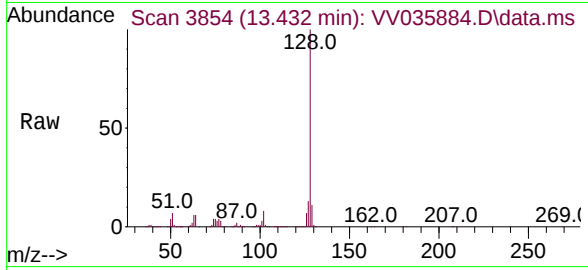
Tgt Ion:128 Resp: 2389579

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 90.647 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035884.D

Acq: 30 May 2024 10:38

Tgt Ion:180 Resp: 1137424

Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

145 31.5 25.2 37.8

