

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035880.D
 Acq On : 30 May 2024 09:07
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:06:12 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	405867	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	404721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	199041	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	22655	3.414	ug/L	0.00
7) Chloroethane-d5	1.529	69	19230	3.624	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	10669	3.657	ug/L	0.00
21) 2-Butanone-d5	3.896	46	735	0.416	ug/L	0.04
24) Chloroform-d	4.249	84	41151	3.344	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	21590	3.500	ug/L	0.01
32) Benzene-d6	4.960	84	71754	3.128	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	23353	3.307	ug/L	0.00
41) Toluene-d8	7.246	98	57661	2.818	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	9004	3.000	ug/L	0.01
47) 2-Hexanone-d5	8.056	63	4232	3.503	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19509	3.060	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	23537	3.337	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	22734	2.815	ug/L	99
3) Chloromethane	1.211	50	25803	3.065	ug/L	100
5) Vinyl chloride	1.278	62	26979	3.119	ug/L	100
6) Bromomethane	1.484	94	17035	3.116	ug/L	97
8) Chloroethane	1.545	64	16879	3.175	ug/L	97
9) Trichlorofluoromethane	1.709	101	34253	3.097	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	21432	3.076	ug/L	99
12) 1,1-Dichloroethene	2.066	96	19830	3.108	ug/L	98
13) Acetone	2.159	43	15517	5.821	ug/L	89
14) Carbon disulfide	2.233	76	67793	3.206	ug/L	99
15) Methyl Acetate	2.391	43	7495	1.986	ug/L #	81
16) Methylene chloride	2.442	84	34040	3.644	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	19693	2.791	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	39984	2.396	ug/L	98
19) 1,1-Dichloroethane	3.108	63	38971	2.967	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	18871	2.517	ug/L	94
23) Bromochloromethane	4.156	128	10030	2.749	ug/L	99
25) Chloroform	4.275	83	39936	2.953	ug/L	99
27) 1,2-Dichloroethane	5.050	62	22791	2.686	ug/L	96
29) Cyclohexane	4.577	56	23855	2.434	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	33994	3.061	ug/L	99
31) Carbon tetrachloride	4.732	117	29952	3.079	ug/L	99
33) Benzene	5.011	78	71532	2.674	ug/L	100
34) Trichloroethene	5.834	95	22427	2.917	ug/L	97
35) Methylcyclohexane	6.043	83	27212	2.348	ug/L	94
37) 1,2-Dichloropropane	6.095	63	18248	2.630	ug/L #	96
38) Bromodichloromethane	6.436	83	26764	2.869	ug/L #	96
39) cis-1,3-Dichloropropene	6.960	75	24930	2.307	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	15365	3.721	ug/L	96
42) Toluene	7.317	91	65225	2.313	ug/L	94
44) trans-1,3-Dichloropropene	7.590	75	21387	2.259	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	16657	2.837	ug/L	98

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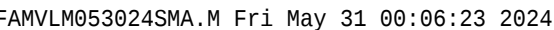
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 MSVOA_V
 ClientSampleId :

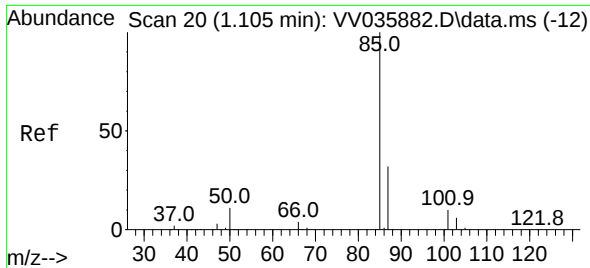
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 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:05:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.905	164	17208	2.818	ug/L	93
49) Dibromochloromethane	8.178	129	17745	2.702	ug/L	98
50) 1,2-Dibromoethane	8.288	107	15190	2.630	ug/L	100
51) Chlorobenzene	8.815	112	50965	2.628	ug/L	96
52) Ethylbenzene	8.947	91	66702	2.157	ug/L	99
53) m,p-Xylene	9.072	106	24858	2.125	ug/L	98
54) o-Xylene	9.477	106	22947	2.075	ug/L	95
55) Styrene	9.500	104	35216	1.822	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	16399	2.447	ug/L	99
59) Bromoform	9.667	173	10936	2.853	ug/L #	96
60) Isopropylbenzene	9.866	105	61249	2.340	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14524	3.144	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	42136	2.103	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	43543	2.073	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	37564	2.736	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	38335	2.681	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	35607	2.751	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	3124	2.914	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	27742	2.611	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	20139	2.284	ug/L	99
71) Naphthalene	13.442	128	28675	1.867	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	18453	2.299	ug/L	98

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

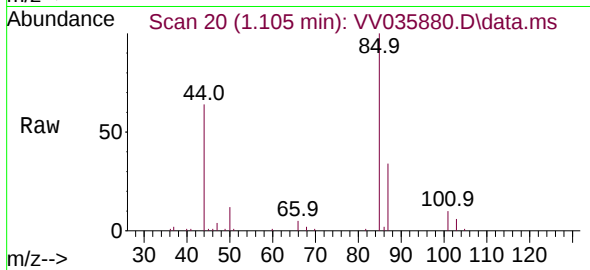
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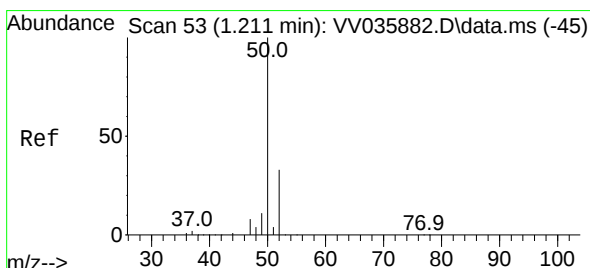
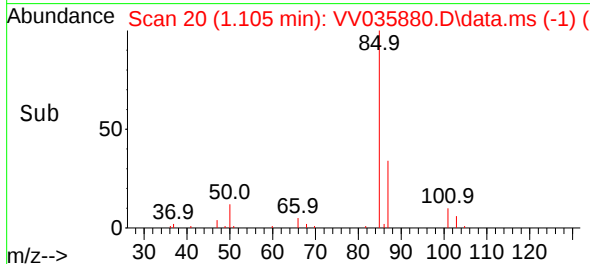
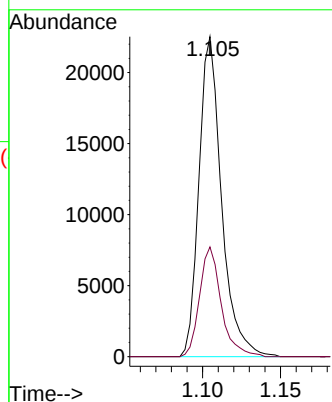


#2
 Dichlorodifluoromethane
 Concen: 2.815 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035880.D
 Acq: 30 May 2024 09:07

Instrument :
 MSVOA_V
 ClientSampleId :

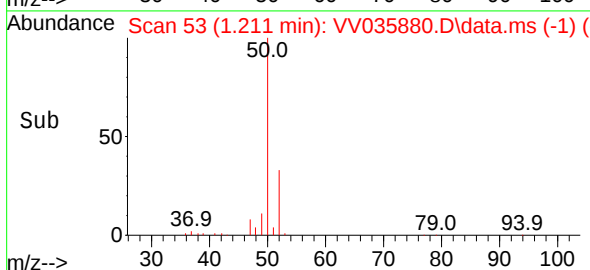
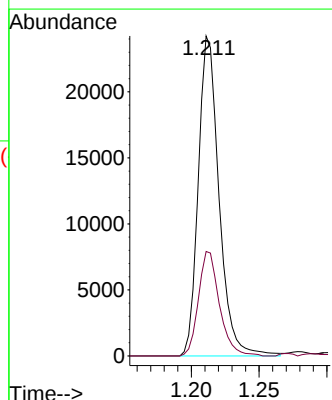
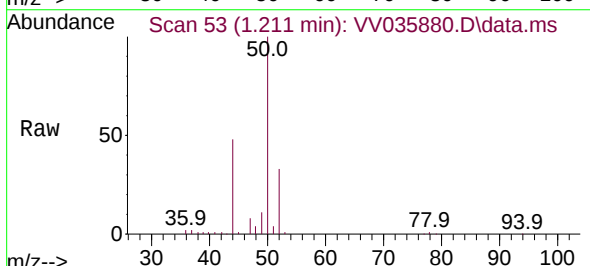


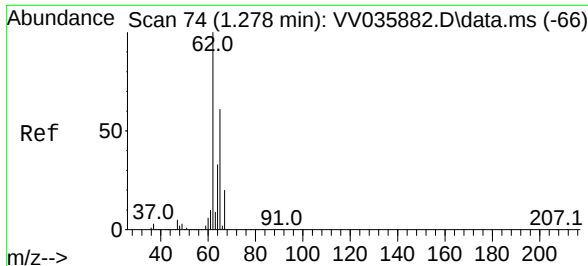
Tgt Ion: 85 Resp: 22734
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 3.065 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035880.D
 Acq: 30 May 2024 09:07

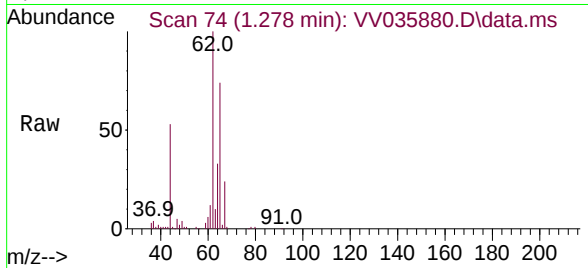
Tgt Ion: 50 Resp: 25803
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.8 42.4



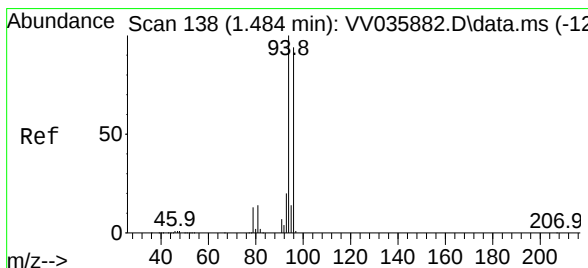
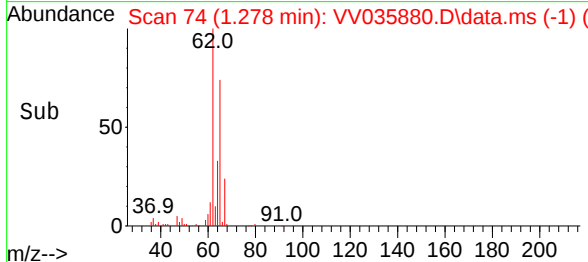
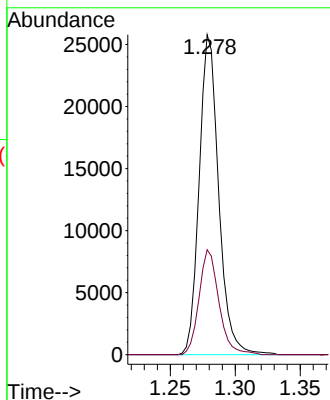


#5
 Vinyl chloride
 Concen: 3.119 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV035880.D
 Acq: 30 May 2024 09:07

Instrument :
 MSVOA_V
 ClientSampleId :

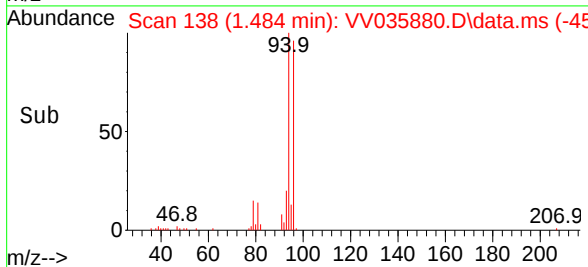
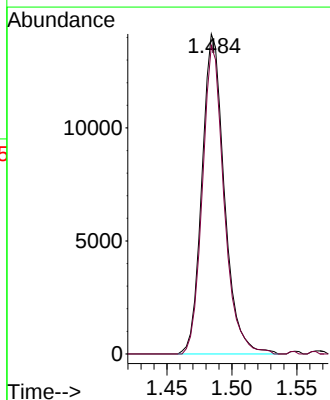
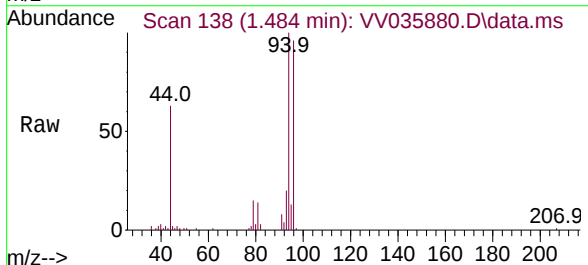


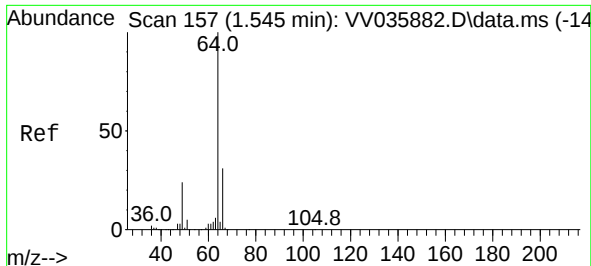
Tgt Ion: 62 Resp: 26979
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 3.116 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV035880.D
 Acq: 30 May 2024 09:07

Tgt Ion: 94 Resp: 17035
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.7 122.1

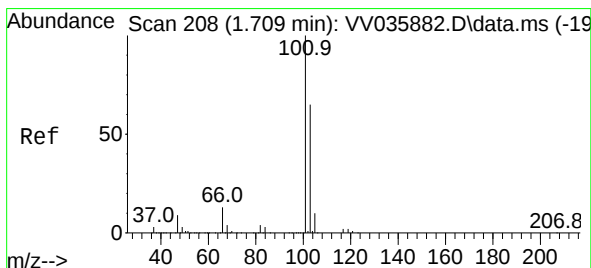
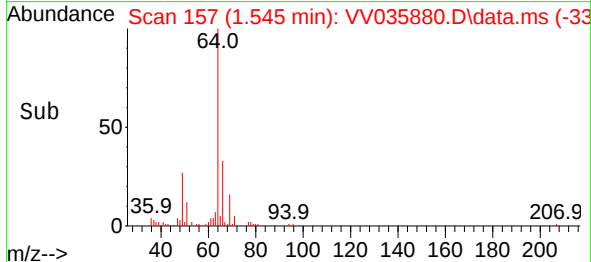
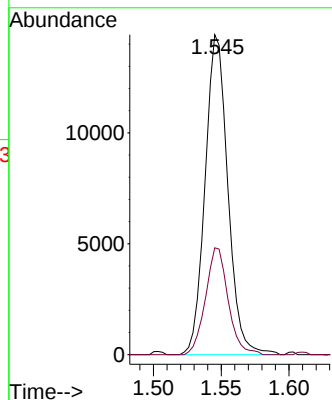
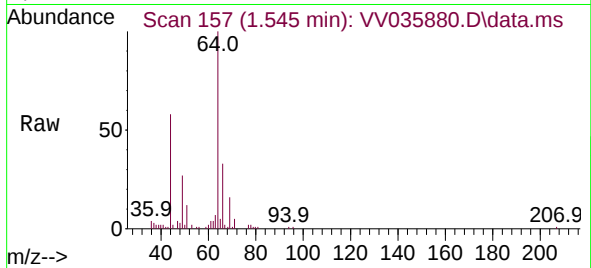




#8
Chloroethane
Concen: 3.175 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

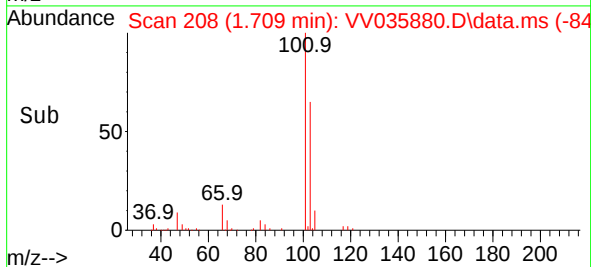
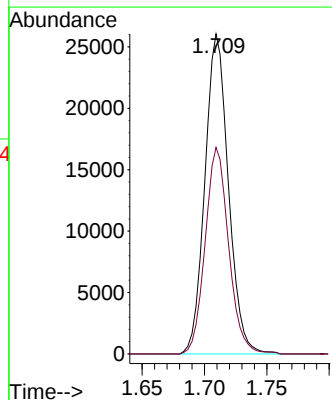
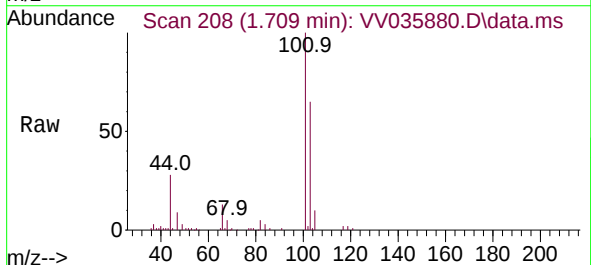
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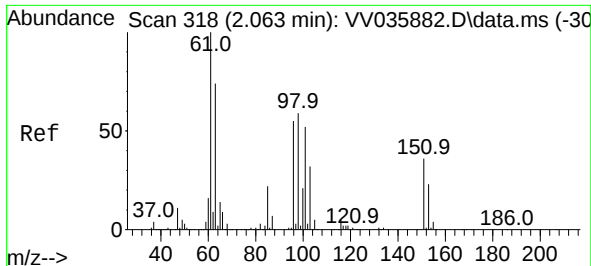
Tgt Ion: 64 Resp: 16879
Ion Ratio Lower Upper
64 100
66 33.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 3.097 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion:101 Resp: 34253
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

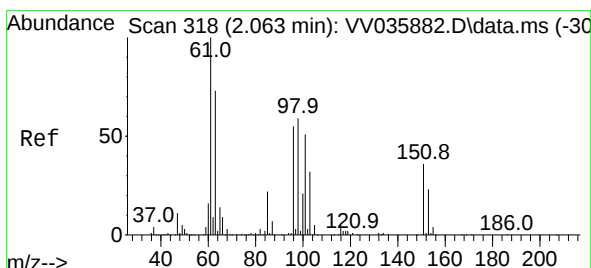
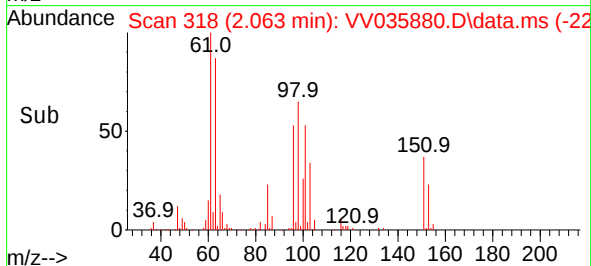
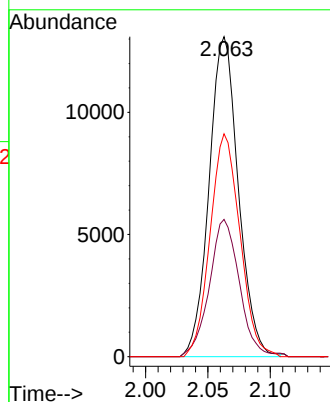
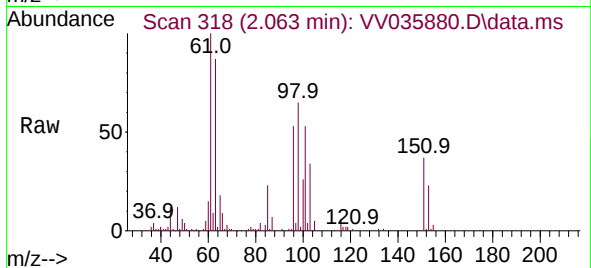




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.076 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035880.D
 Acq: 30 May 2024 09:07

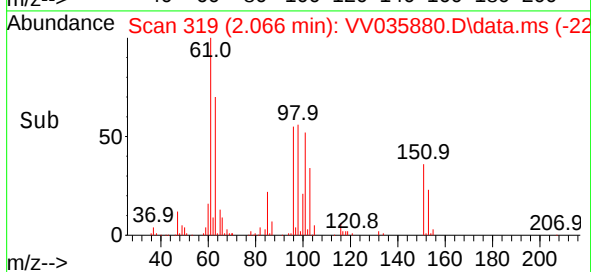
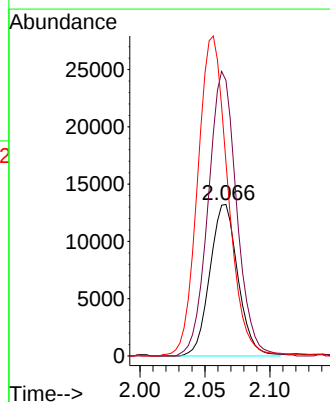
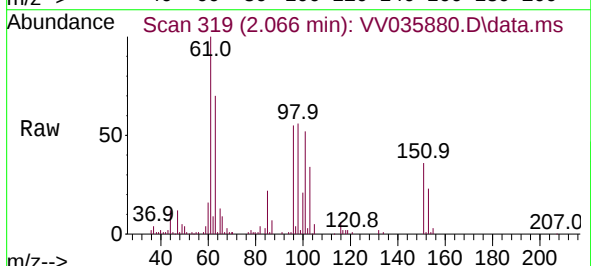
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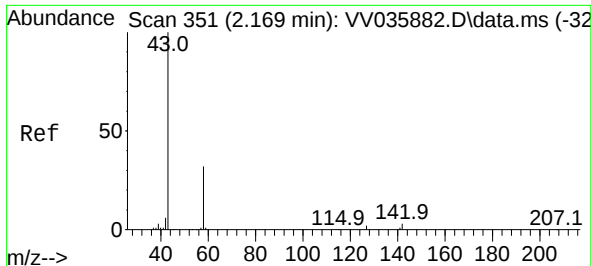
Tgt Ion:101 Resp: 21432
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.5 51.7
 151 71.0 56.3 84.5



#12
 1,1-Dichloroethene
 Concen: 3.108 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV035880.D
 Acq: 30 May 2024 09:07

Tgt Ion: 96 Resp: 19830
 Ion Ratio Lower Upper
 96 100
 61 181.9 127.3 236.3
 63 127.9 93.7 173.9

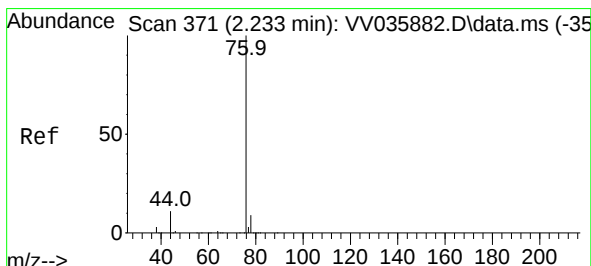
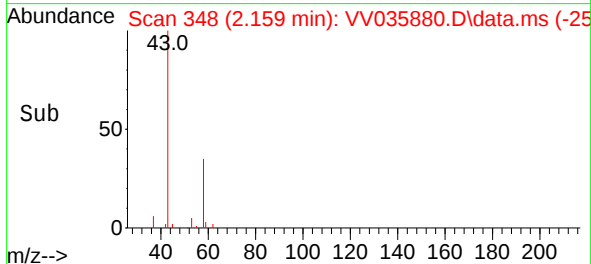
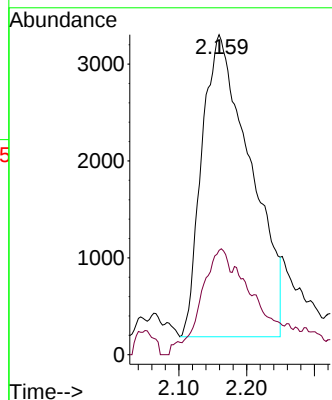
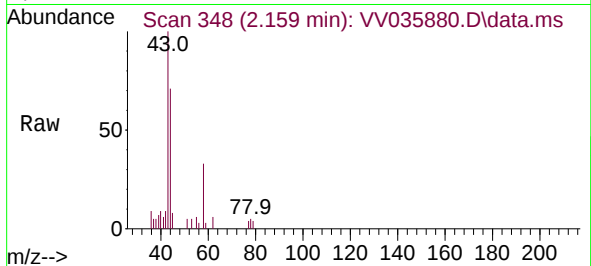




#13
Acetone
Concen: 5.821 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.009 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

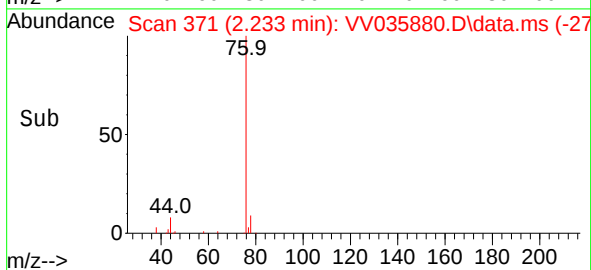
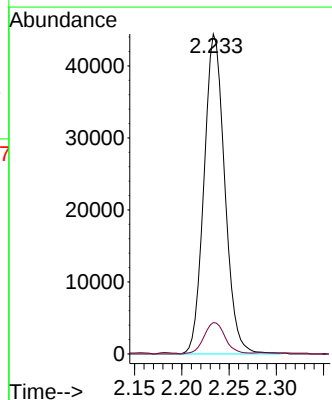
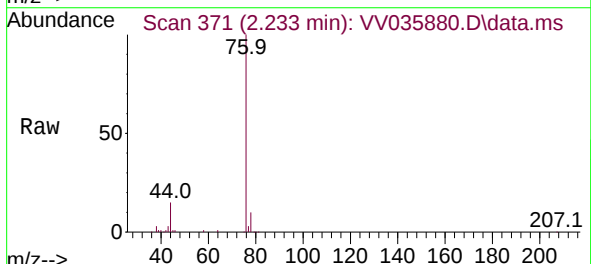
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ClientSampleId :

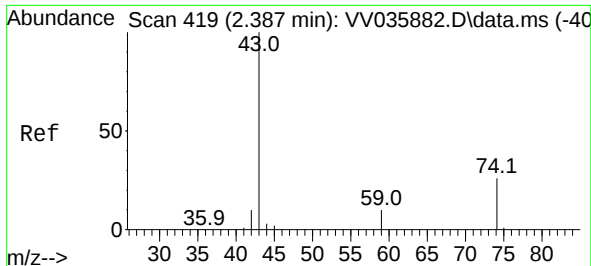
Tgt Ion: 43 Resp: 15517
Ion Ratio Lower Upper
43 100
58 16.6 0.0 24.2



#14
Carbon disulfide
Concen: 3.206 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion: 76 Resp: 67793
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2





#15

Methyl Acetate

Concen: 1.986 ug/L

RT: 2.391 min Scan# 419

Delta R.T. 0.003 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

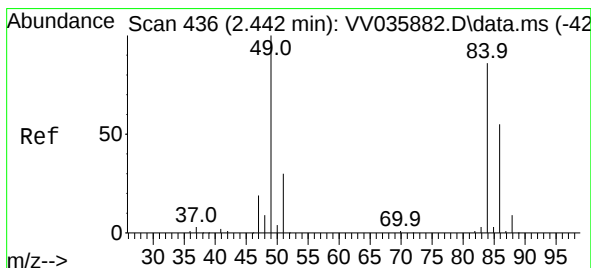
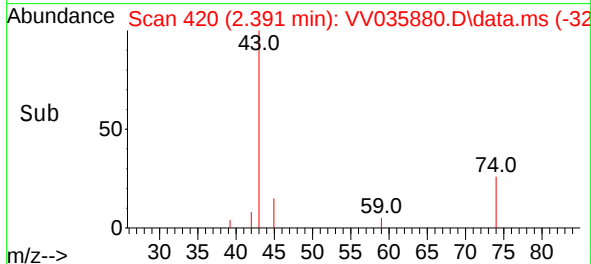
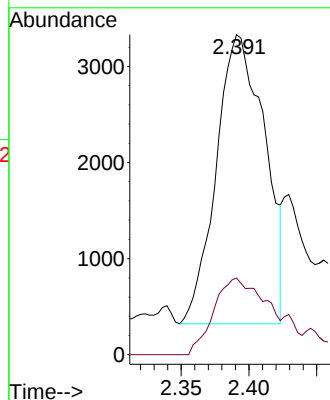
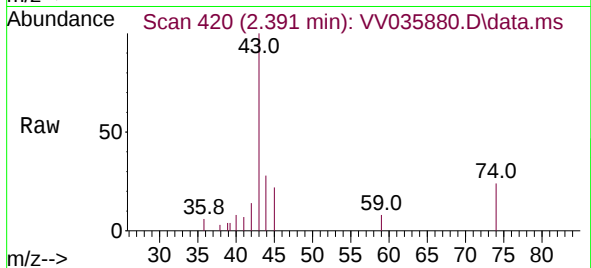
ClientSampleId :

Tgt Ion: 43 Resp: 7495

Ion Ratio Lower Upper

43 100

74 16.9 21.4 32.2#



#16

Methylene chloride

Concen: 3.644 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

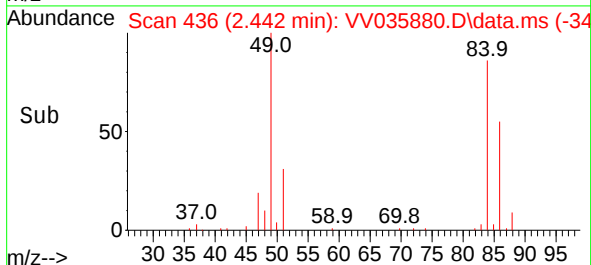
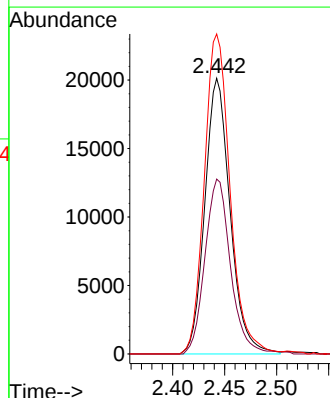
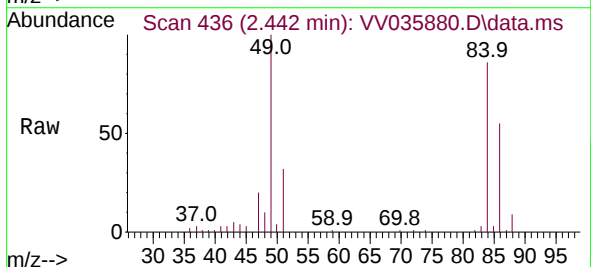
Tgt Ion: 84 Resp: 34040

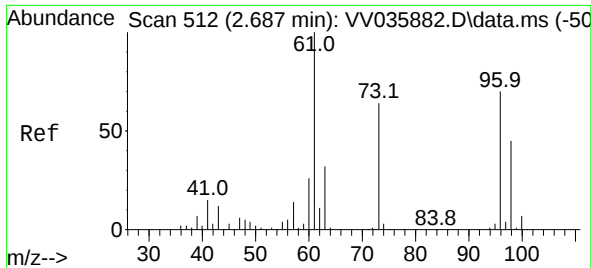
Ion Ratio Lower Upper

84 100

86 63.4 44.6 82.8

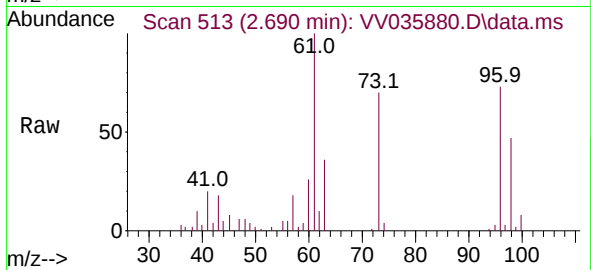
49 116.1 81.1 150.5





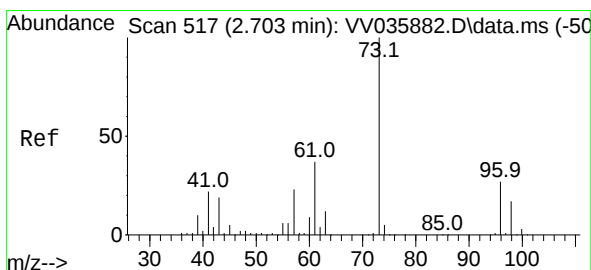
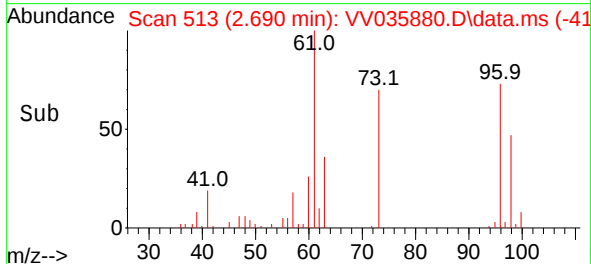
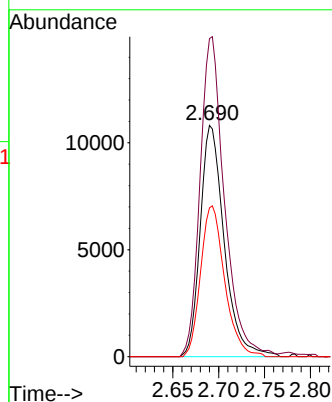
#17
trans-1,2-Dichloroethene
Concen: 2.791 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 19693

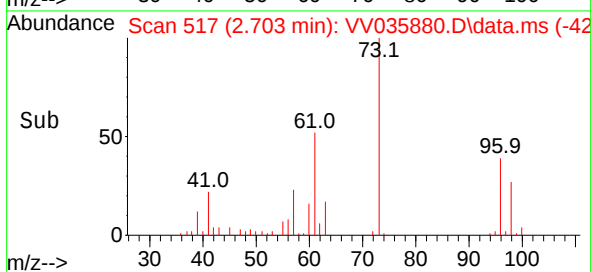
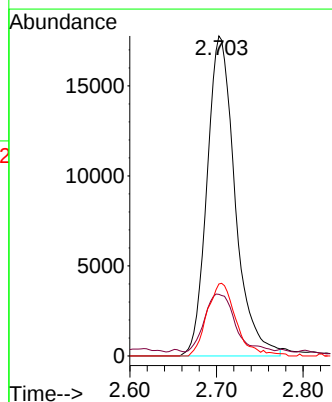
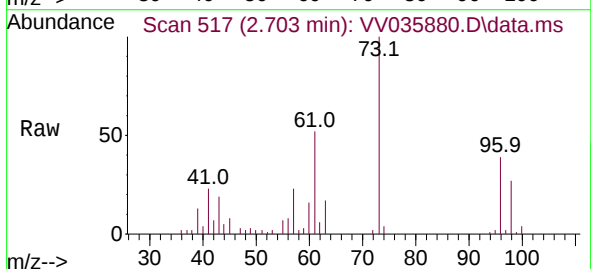
Ion	Ratio	Lower	Upper
96	100		
61	137.4	99.4	184.6
98	64.3	44.9	83.3

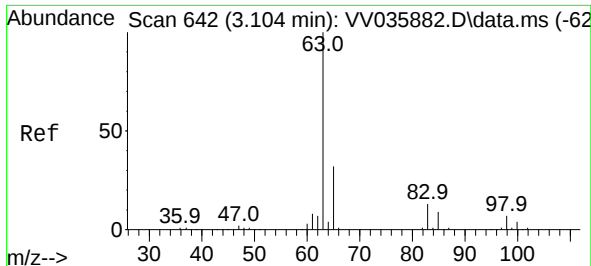


#18
Methyl tert-butyl Ether
Concen: 2.396 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion: 73 Resp: 39984

Ion	Ratio	Lower	Upper
73	100		
43	19.6	14.3	21.5
57	22.8	17.8	26.6

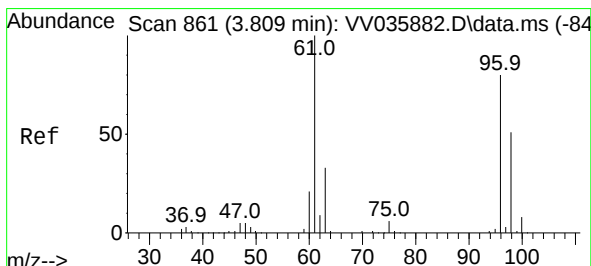
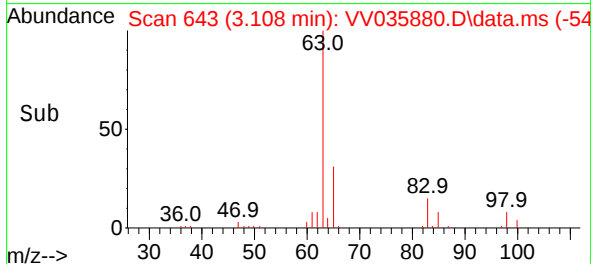
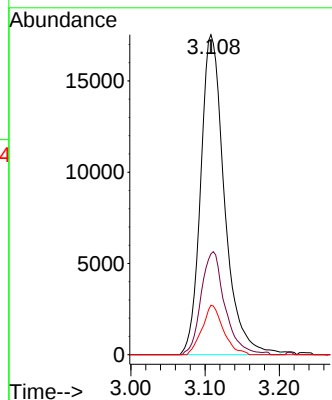
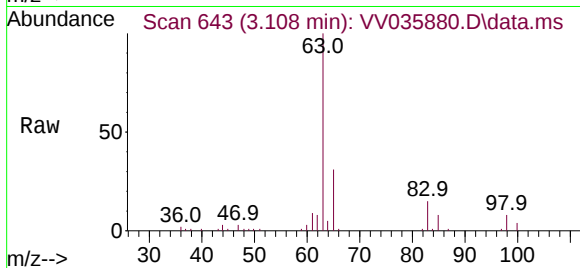




#19
1,1-Dichloroethane
Concen: 2.967 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

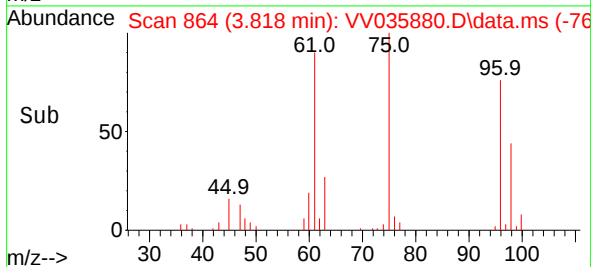
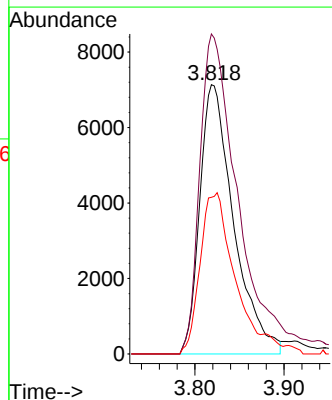
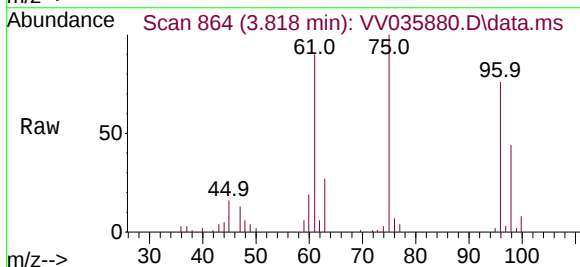
Instrument :
MSVOA_V
ClientSampleId :

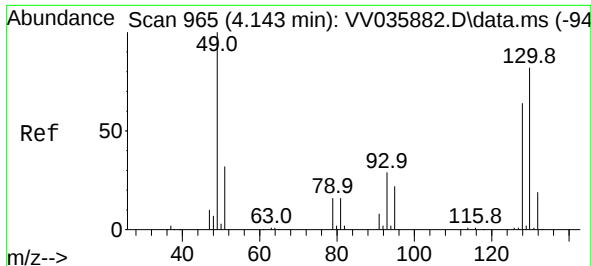
Tgt Ion:	63	Resp:	38971
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.4	41.6
83	15.4	9.2	17.0



#20
cis-1,2-Dichloroethene
Concen: 2.517 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

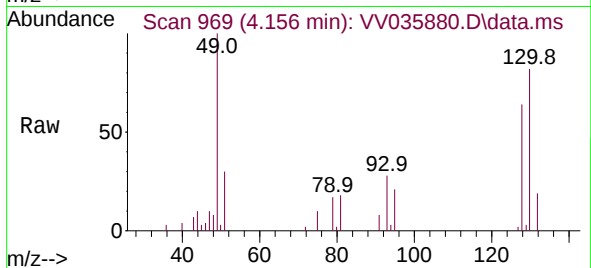
Tgt Ion:	96	Resp:	18871
Ion	Ratio	Lower	Upper
96	100		
61	118.9	87.9	163.3
98	58.2	44.4	82.5



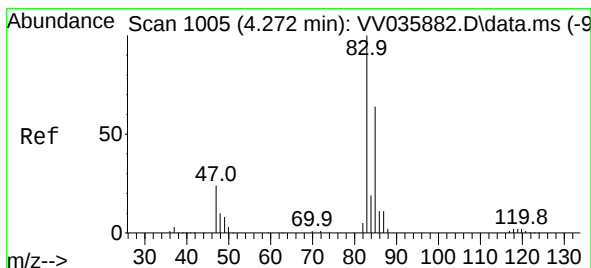
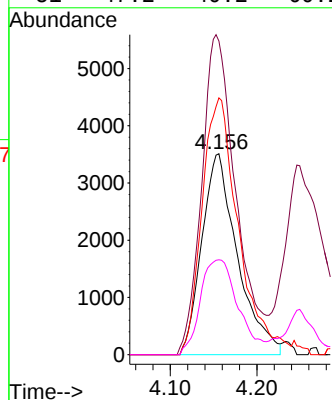
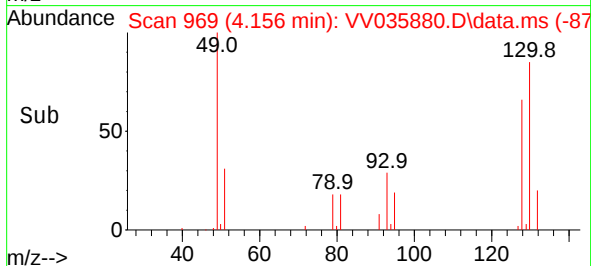


#23
Bromochloromethane
Concen: 2.749 ug/L
RT: 4.156 min Scan# 910
Delta R.T. 0.013 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :

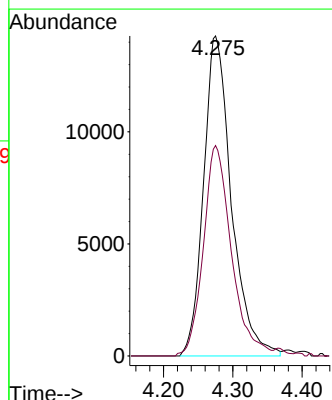
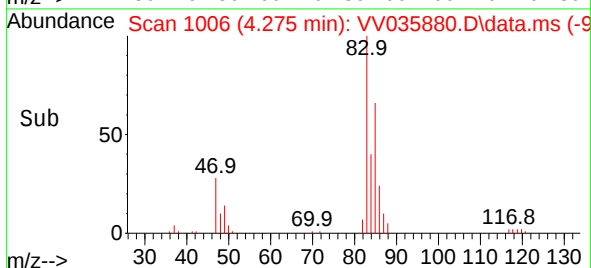
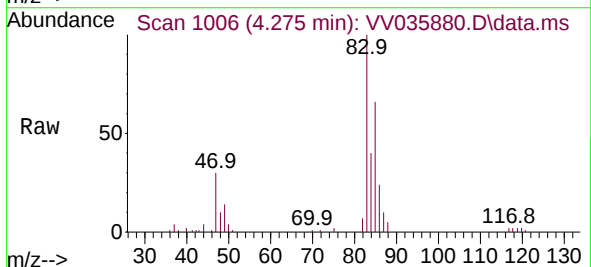


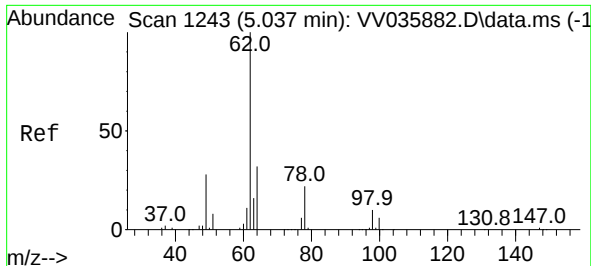
Tgt Ion:128 Resp: 10030
Ion Ratio Lower Upper
128 100
49 156.1 110.2 204.6
130 127.8 90.2 167.4
51 47.2 40.2 60.2



#25
Chloroform
Concen: 2.953 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion: 83 Resp: 39936
Ion Ratio Lower Upper
83 100
85 65.7 45.2 84.0





#27

1,2-Dichloroethane

Concen: 2.686 ug/L

RT: 5.050 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

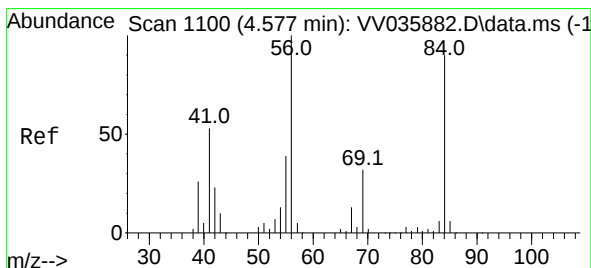
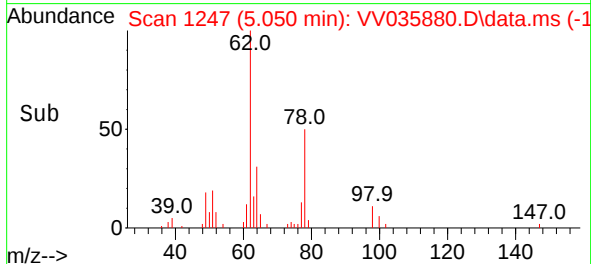
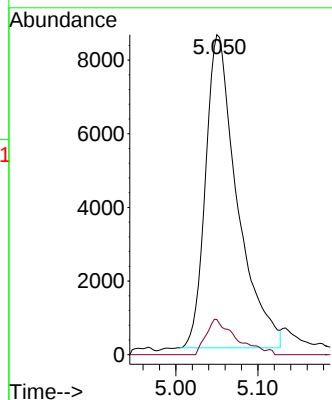
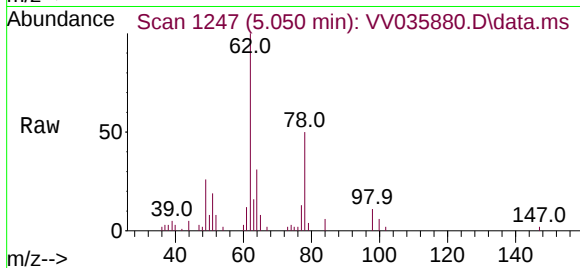
ClientSampleId :

Tgt Ion: 62 Resp: 22791

Ion Ratio Lower Upper

62 100

98 11.0 7.8 11.6



#29

Cyclohexane

Concen: 2.434 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

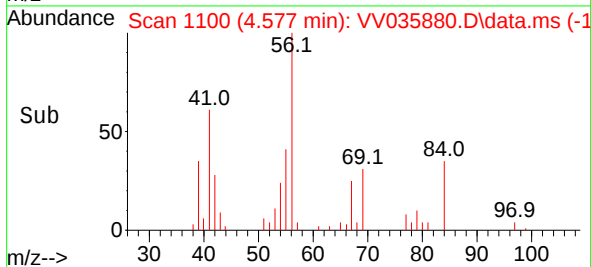
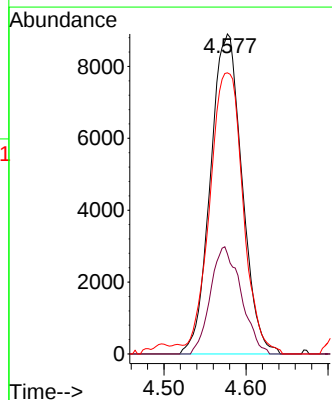
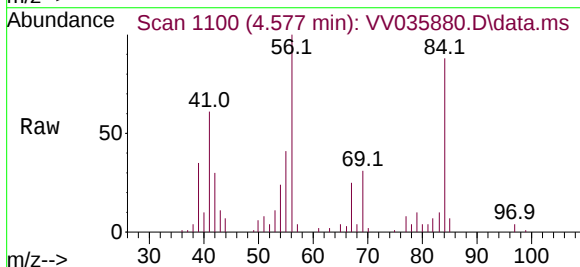
Tgt Ion: 56 Resp: 23855

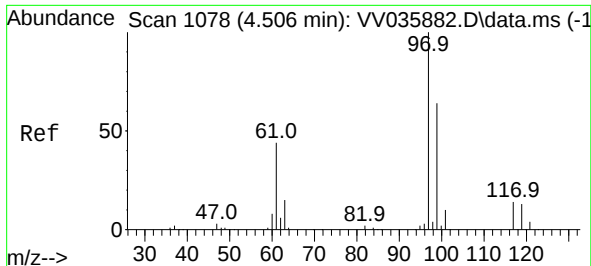
Ion Ratio Lower Upper

56 100

69 32.5 25.2 37.8

84 92.6 72.2 108.2

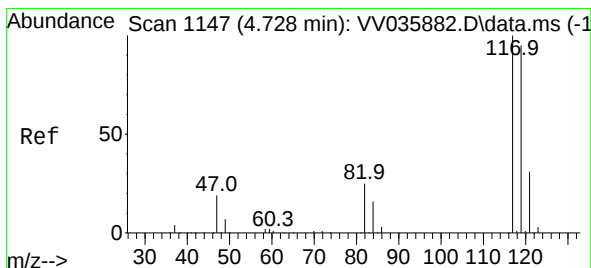
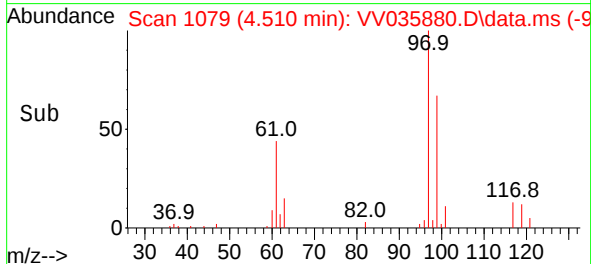
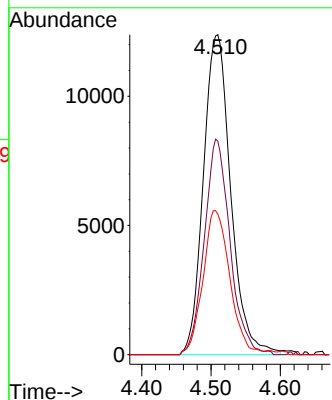
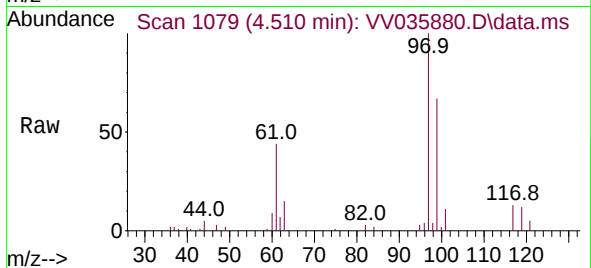




#30
1,1,1-Trichloroethane
Concen: 3.061 ug/L
RT: 4.510 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

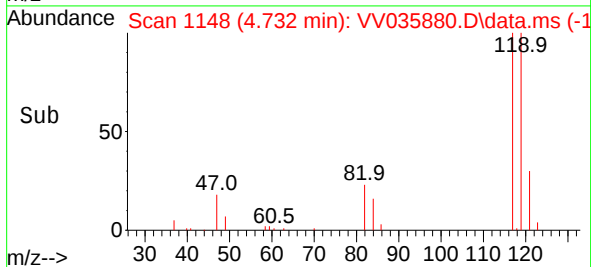
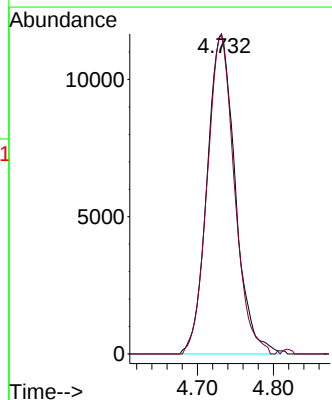
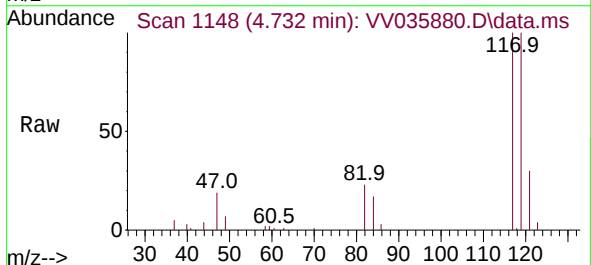
Instrument :
MSVOA_V
ClientSampleId :

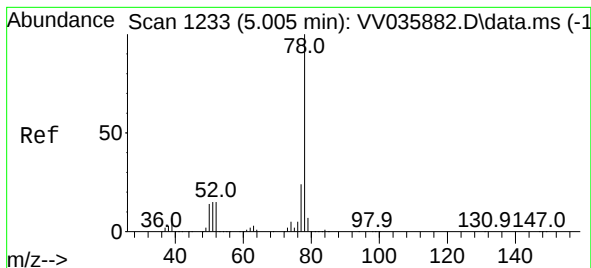
Tgt Ion: 97 Resp: 33994
Ion Ratio Lower Upper
97 100
99 63.2 50.9 76.3
61 44.2 35.0 52.6



#31
Carbon tetrachloride
Concen: 3.079 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion: 117 Resp: 29952
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2





#33

Benzene

Concen: 2.674 ug/L

RT: 5.011 min Scan# 1491

Delta R.T. 0.007 min

Lab File: VV035880.D

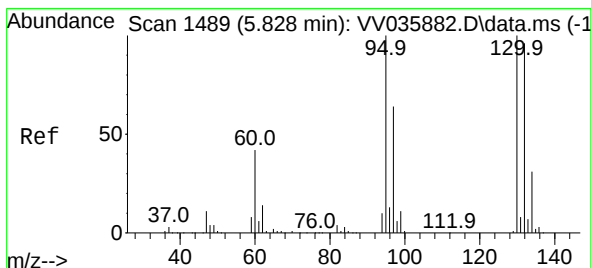
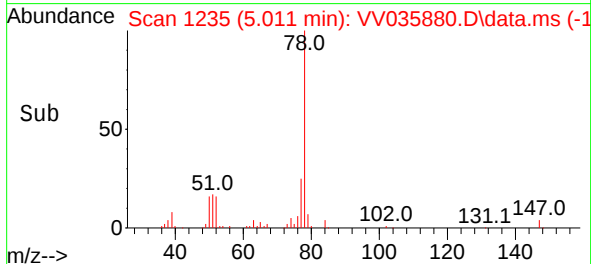
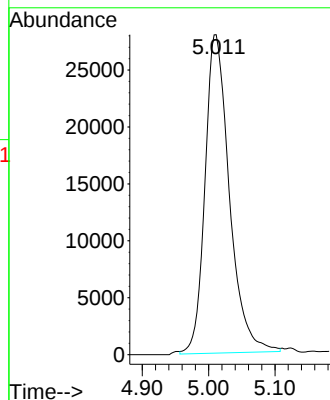
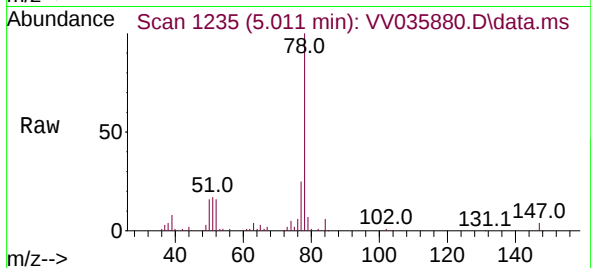
Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 71532



#34

Trichloroethene

Concen: 2.917 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.007 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

Tgt Ion: 95 Resp: 22427

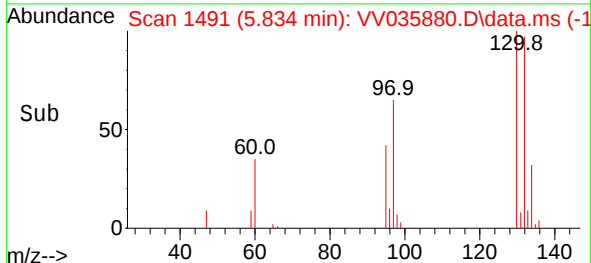
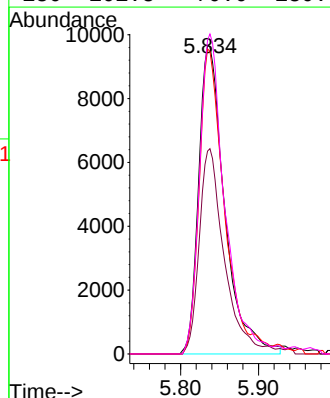
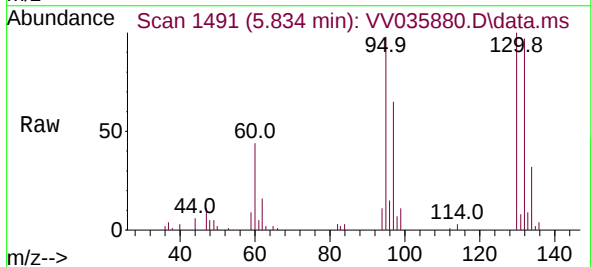
Ion Ratio Lower Upper

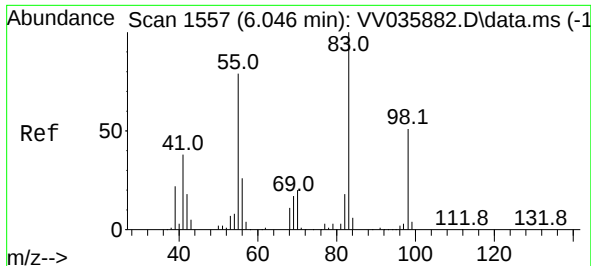
95 100

97 65.9 44.8 83.2

132 99.0 66.8 124.2

130 101.8 70.0 130.0





#35

Methylcyclohexane

Concen: 2.348 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

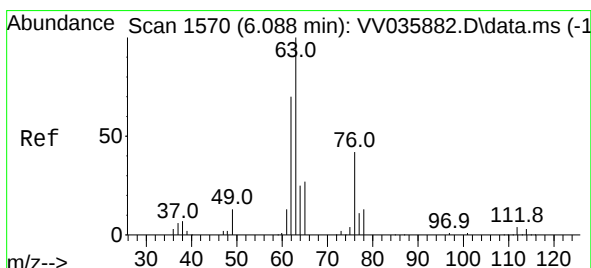
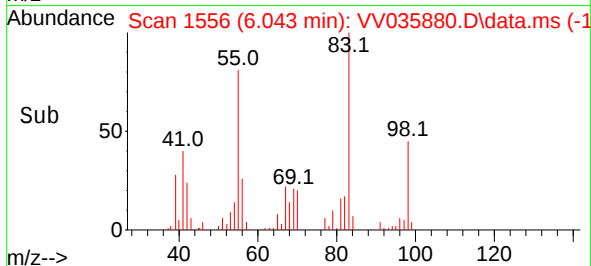
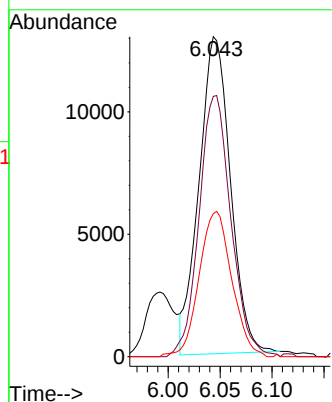
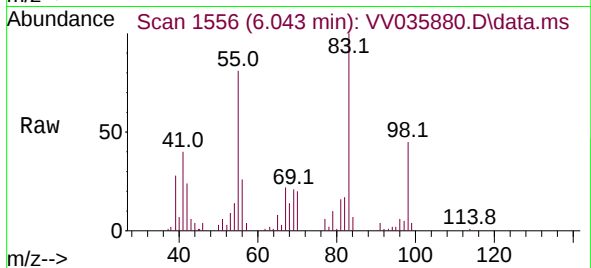
Tgt Ion: 83 Resp: 27212

Ion Ratio Lower Upper

83 100

55 83.7 60.7 91.1

98 47.7 38.7 58.1



#37

1,2-Dichloropropane

Concen: 2.630 ug/L

RT: 6.095 min Scan# 1572

Delta R.T. 0.007 min

Lab File: VV035880.D

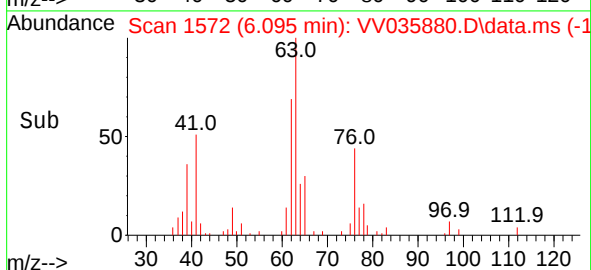
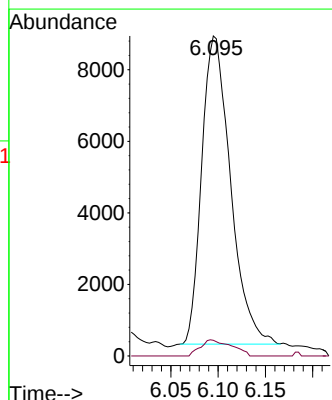
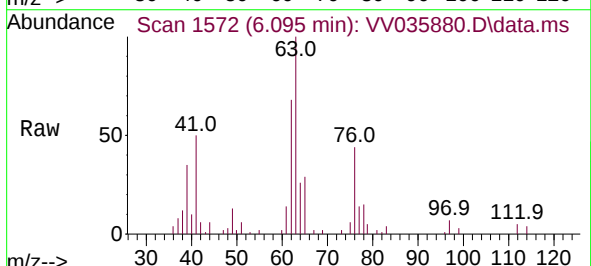
Acq: 30 May 2024 09:07

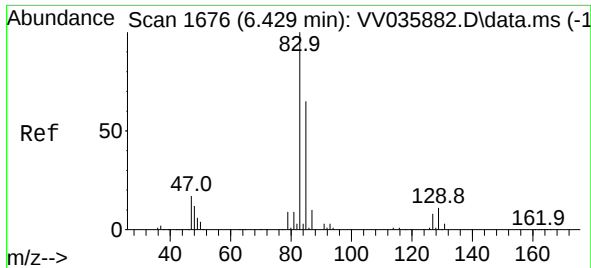
Tgt Ion: 63 Resp: 18248

Ion Ratio Lower Upper

63 100

112 5.6 3.5 5.3#





#38

Bromodichloromethane

Concen: 2.869 ug/L

RT: 6.436 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

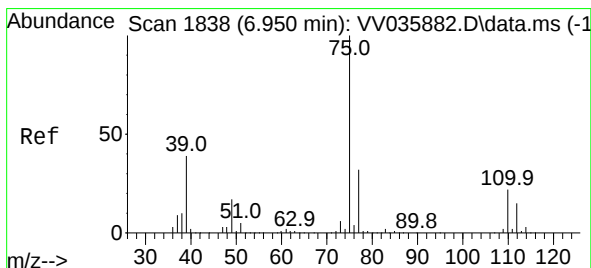
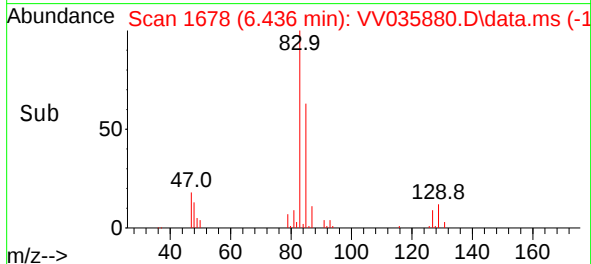
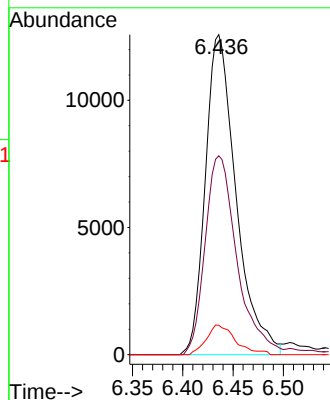
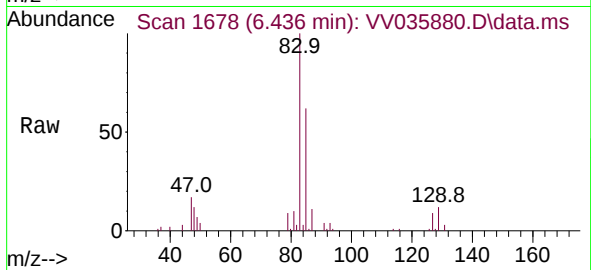
Tgt Ion: 83 Resp: 26764

Ion Ratio Lower Upper

83 100

85 62.2 45.3 84.1

127 10.6 6.7 10.1#



#39

cis-1,3-Dichloropropene

Concen: 2.307 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.010 min

Lab File: VV035880.D

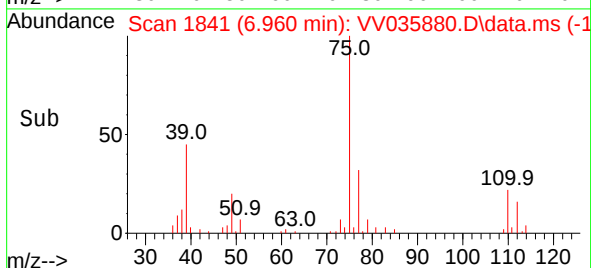
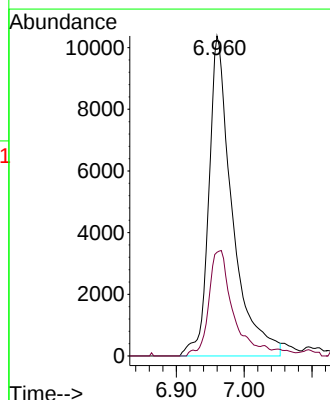
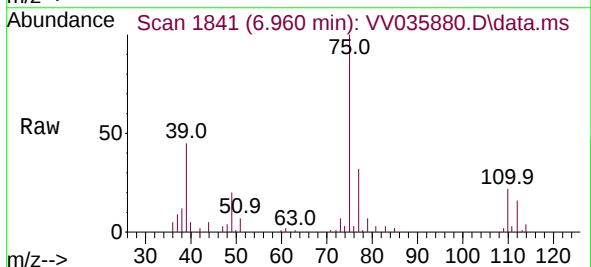
Acq: 30 May 2024 09:07

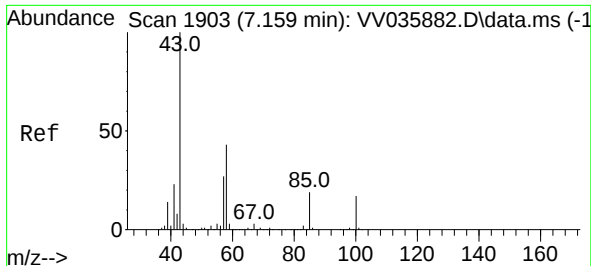
Tgt Ion: 75 Resp: 24930

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1

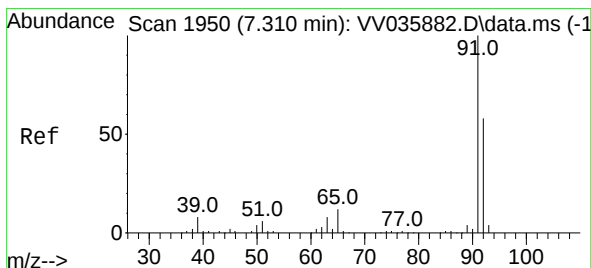
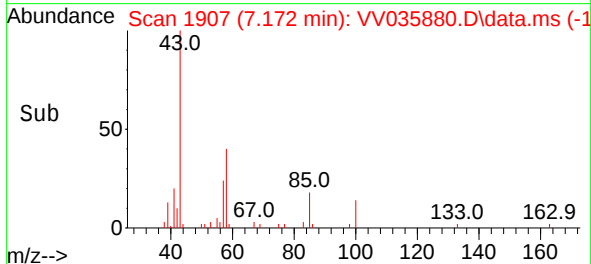
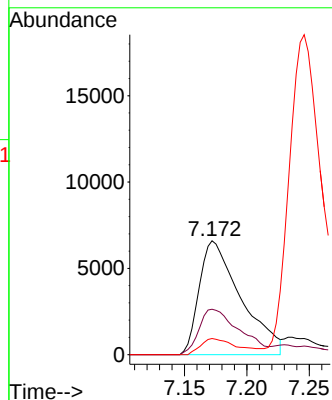
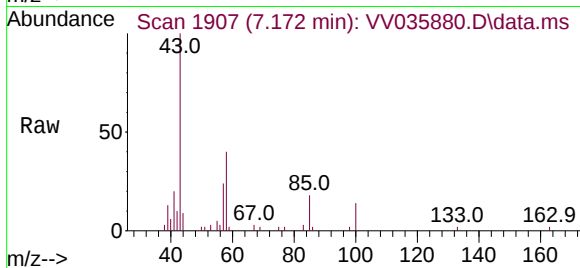




#40
4-Methyl-2-pentanone
Concen: 3.721 ug/L
RT: 7.172 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

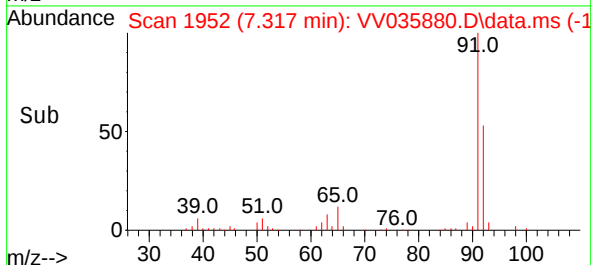
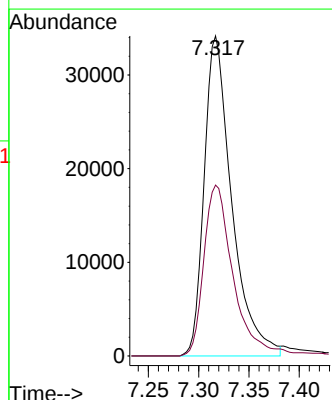
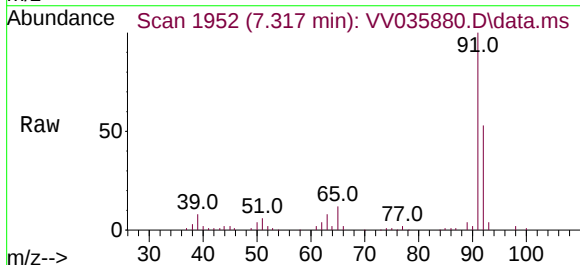
Instrument :
MSVOA_V
ClientSampleId :

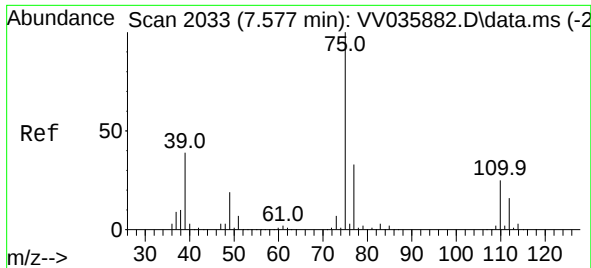
Tgt Ion: 43 Resp: 15365
Ion Ratio Lower Upper
43 100
58 38.9 32.5 48.7
100 12.7 12.5 18.7



#42
Toluene
Concen: 2.313 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.007 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion: 91 Resp: 65225
Ion Ratio Lower Upper
91 100
92 53.4 40.6 75.4

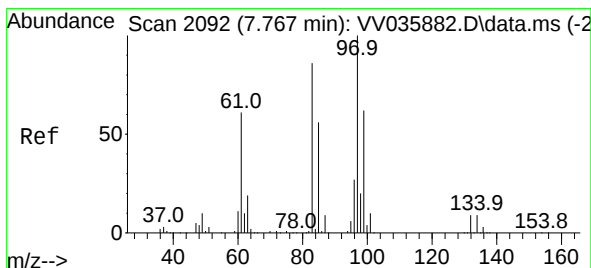
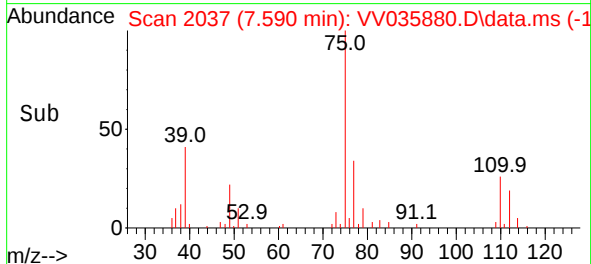
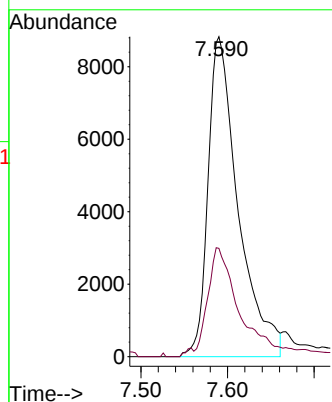
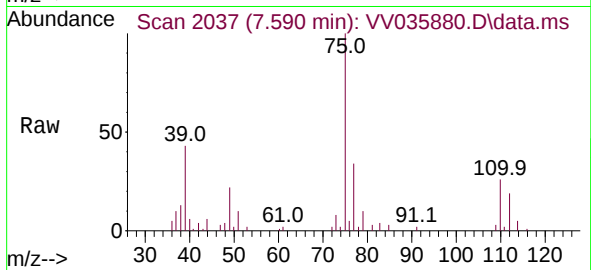




#44
trans-1,3-Dichloropropene
Concen: 2.259 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.013 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

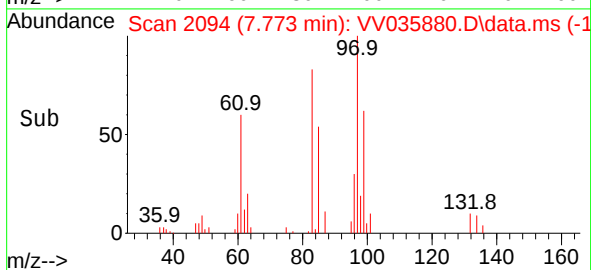
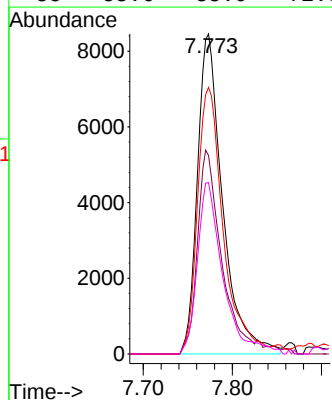
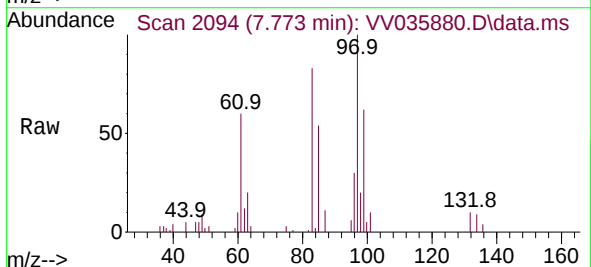
Instrument :
MSVOA_V
ClientSampleId :

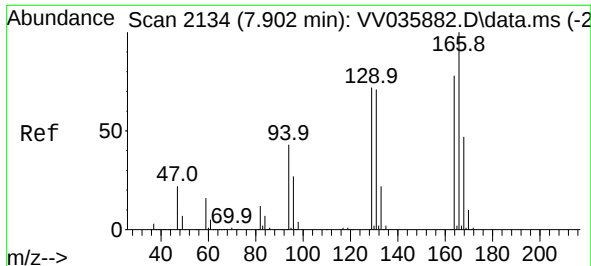
Tgt Ion: 75 Resp: 21387
Ion Ratio Lower Upper
75 100
77 33.9 23.1 42.9



#45
1,1,2-Trichloroethane
Concen: 2.837 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.007 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

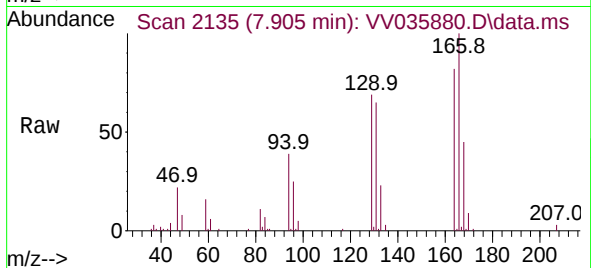
Tgt Ion: 97 Resp: 16657
Ion Ratio Lower Upper
97 100
99 62.0 43.3 80.5
83 83.3 60.1 111.7
85 53.6 38.9 72.3



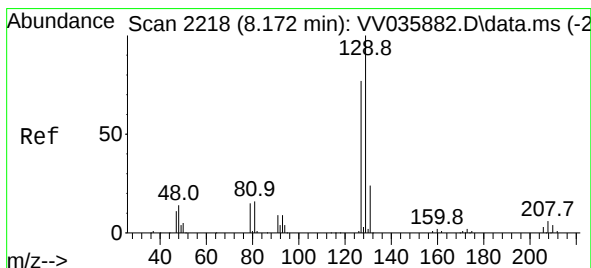
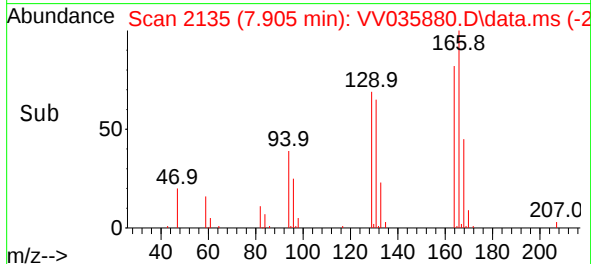
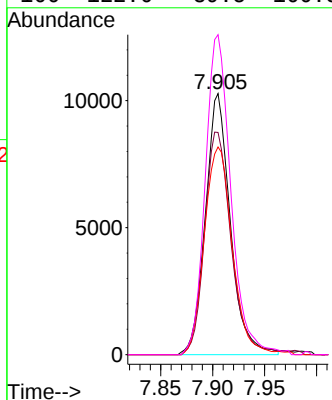


#46
Tetrachloroethene
Concen: 2.818 ug/L
RT: 7.905 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :

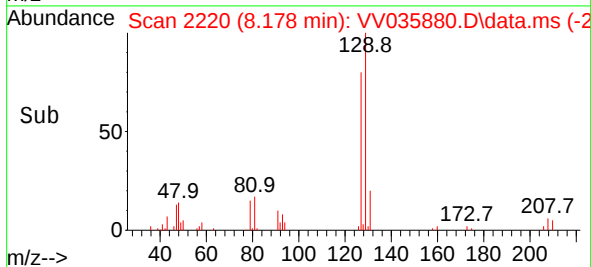
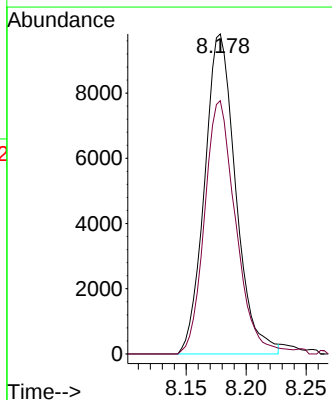
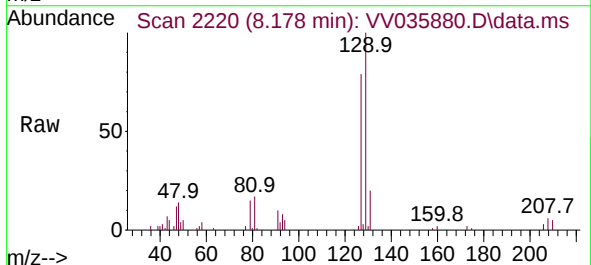


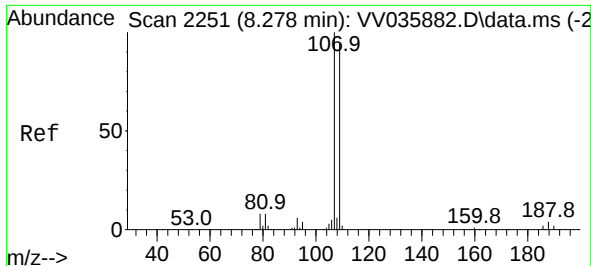
Tgt Ion:	164	Resp:	17208
Ion Ratio	Lower	Upper	
164	100		
129	85.1	64.6	120.0
131	79.6	63.2	117.4
166	122.6	89.5	166.3



#49
Dibromochloromethane
Concen: 2.702 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.007 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

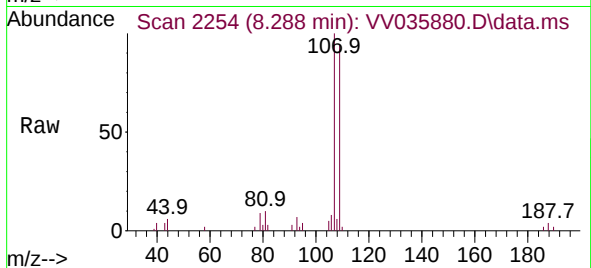
Tgt Ion:	129	Resp:	17745
Ion Ratio	Lower	Upper	
129	100		
127	79.1	53.9	100.1



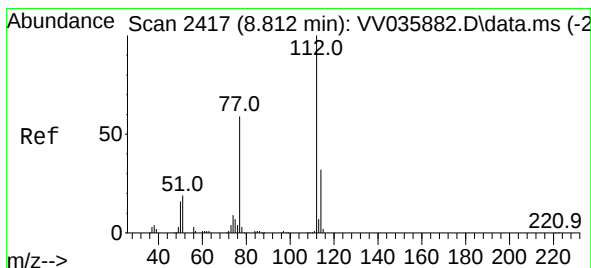
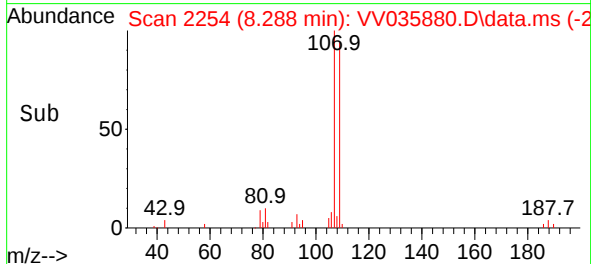
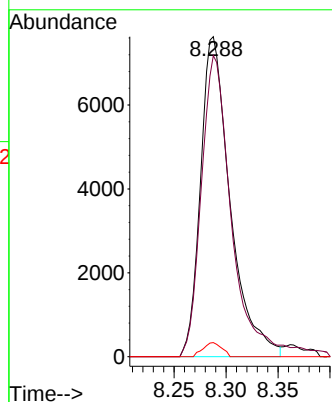


#50
1,2-Dibromoethane
Concen: 2.630 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :

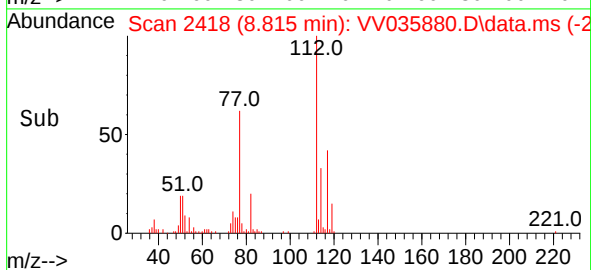
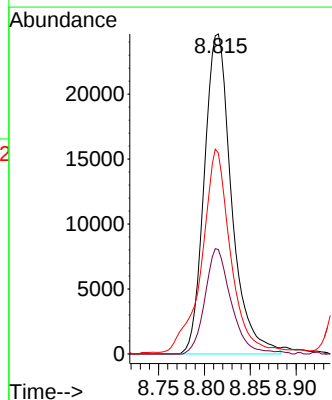
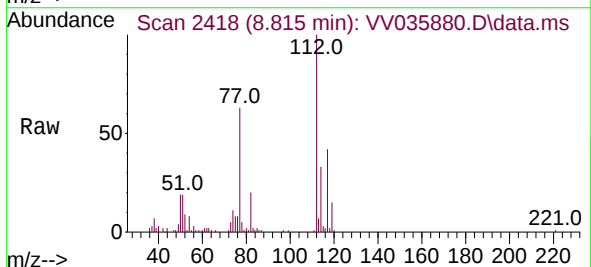


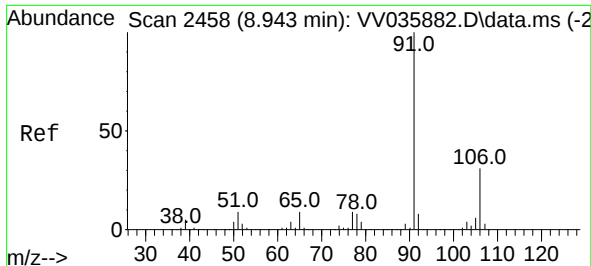
Tgt Ion:107 Resp: 15190
Ion Ratio Lower Upper
107 100
109 94.1 66.1 122.7
188 4.4 3.0 4.6



#51
Chlorobenzene
Concen: 2.628 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion:112 Resp: 50965
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 62.8 47.3 70.9

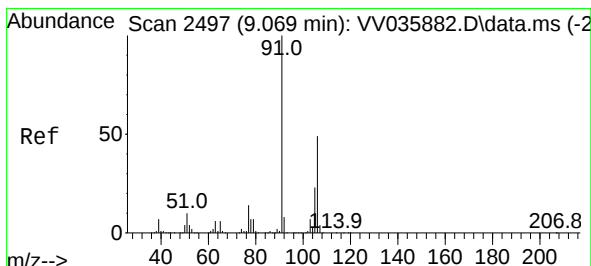
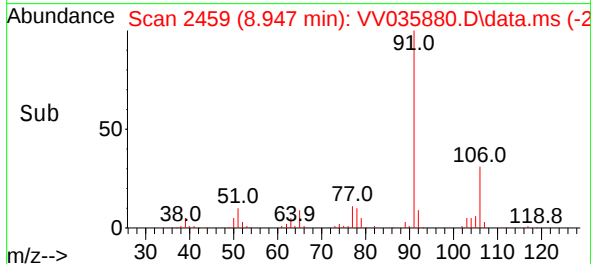
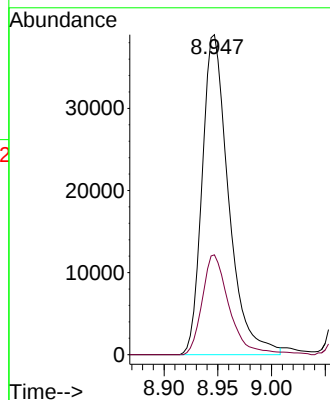
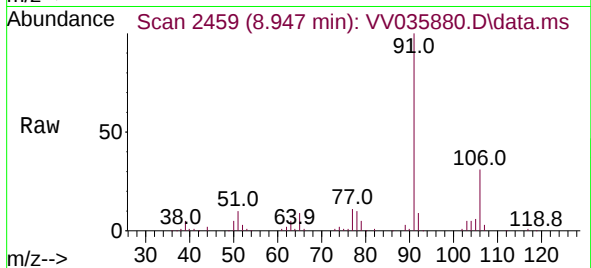




#52
Ethylbenzene
Concen: 2.157 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

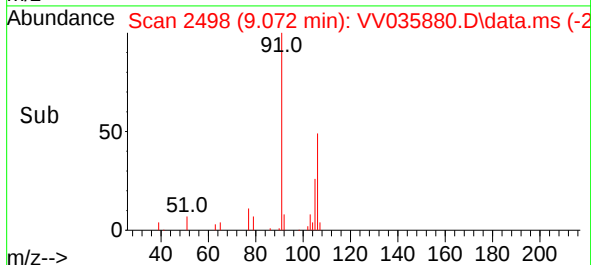
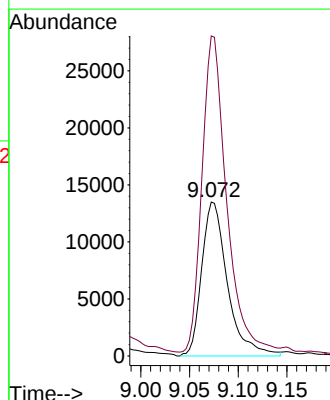
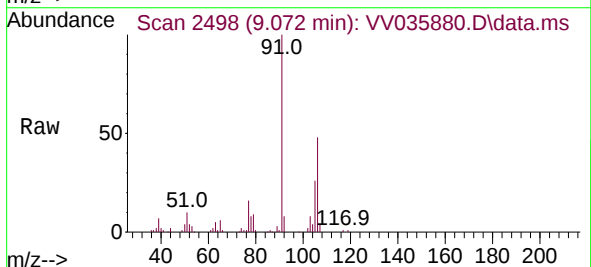
Instrument :
MSVOA_V
ClientSampleId :

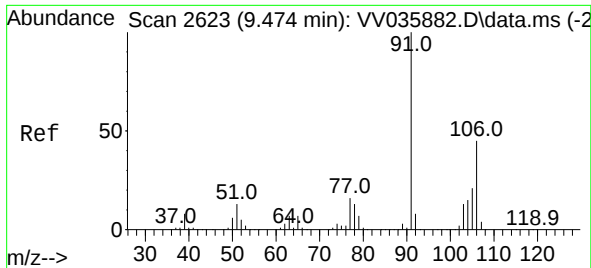
Tgt Ion: 91 Resp: 66702
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-Xylene
Concen: 2.125 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion: 106 Resp: 24858
Ion Ratio Lower Upper
106 100
91 208.0 143.1 265.9

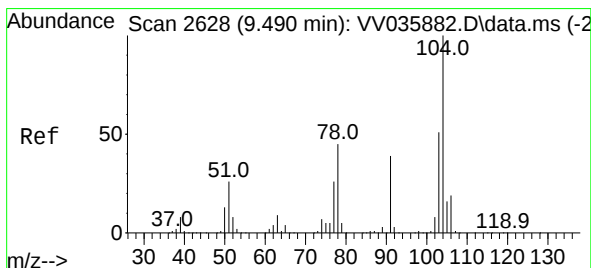
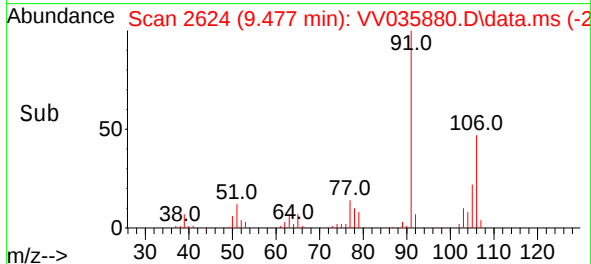
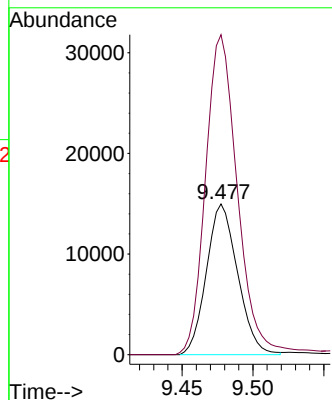
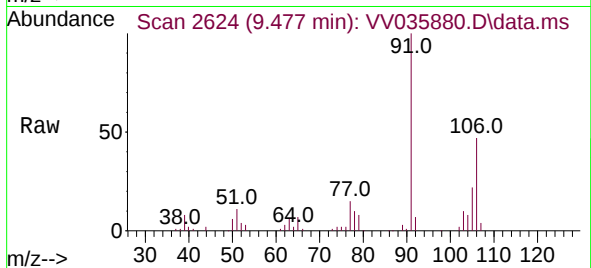




#54
o-Xylene
Concen: 2.075 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

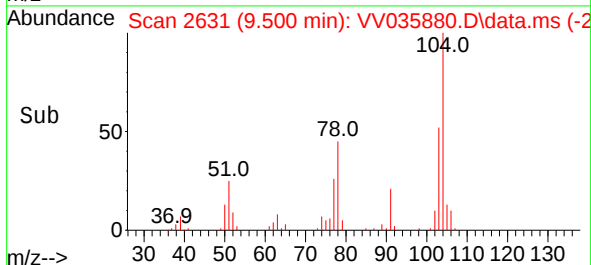
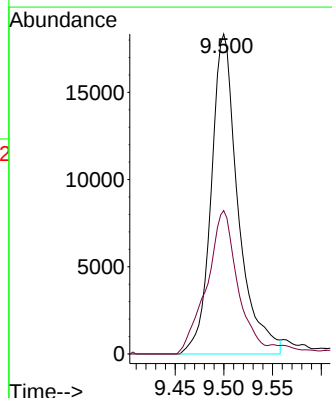
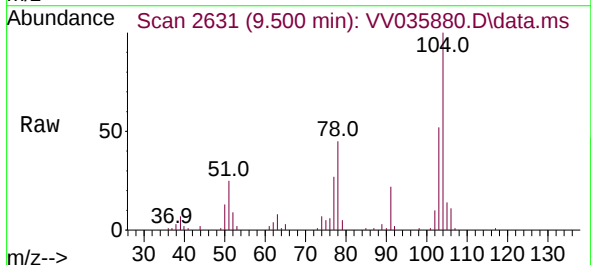
Instrument :
MSVOA_V
ClientSampleId :

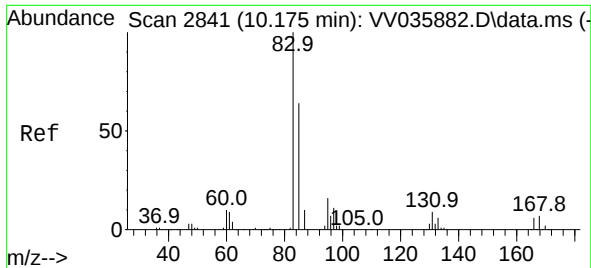
Tgt Ion:106 Resp: 22947
Ion Ratio Lower Upper
106 100
91 212.3 154.5 286.9



#55
Styrene
Concen: 1.822 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.010 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion:104 Resp: 35216
Ion Ratio Lower Upper
104 100
78 44.8 31.4 58.2

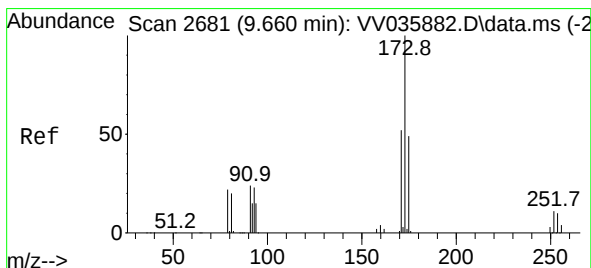
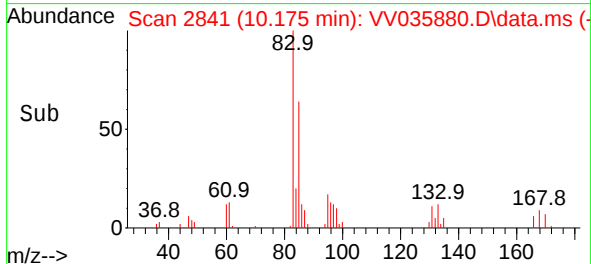
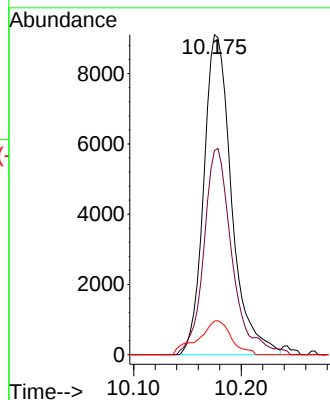
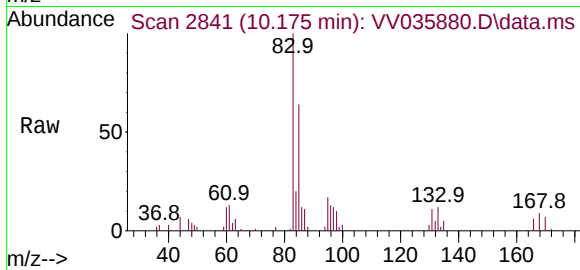




#57
1,1,2-Tetrachloroethane
Concen: 2.447 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

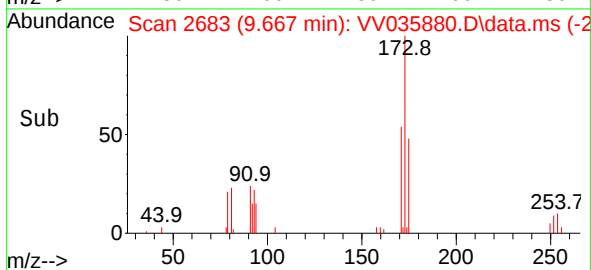
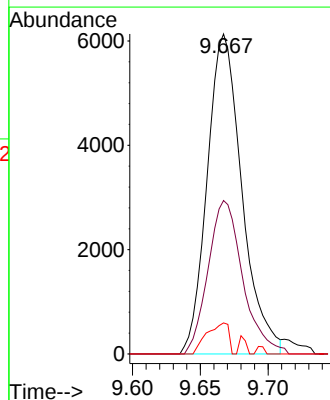
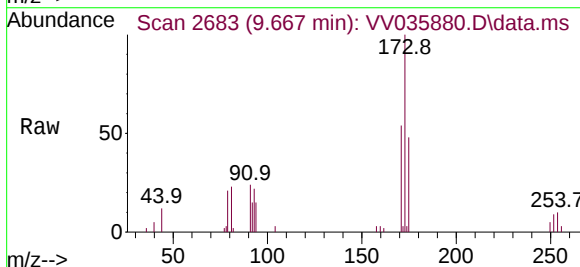
Instrument :
MSVOA_V
ClientSampleId :

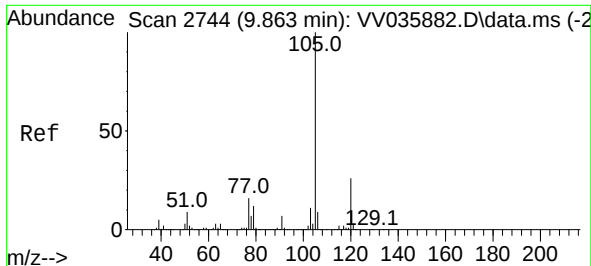
Tgt Ion: 83 Resp: 16399
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.7
131 10.5 7.6 11.4



#59
Bromoform
Concen: 2.853 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.007 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion: 173 Resp: 10936
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.6
254 6.1 8.6 13.0#

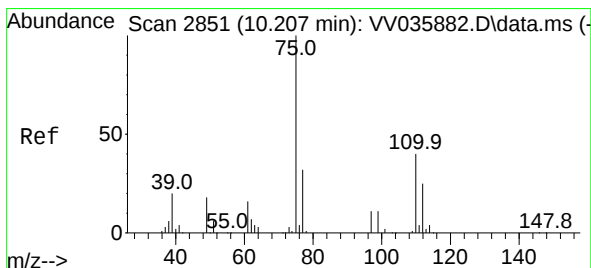
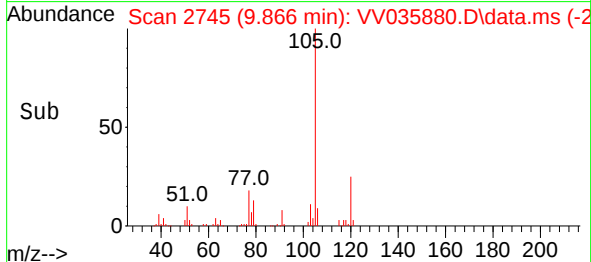
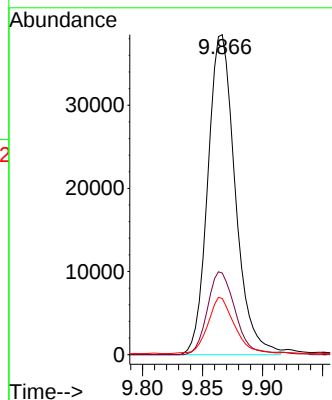
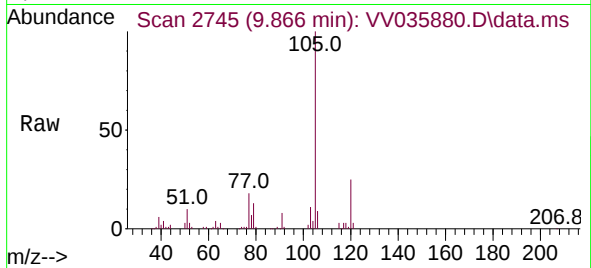




#60
Isopropylbenzene
Concen: 2.340 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

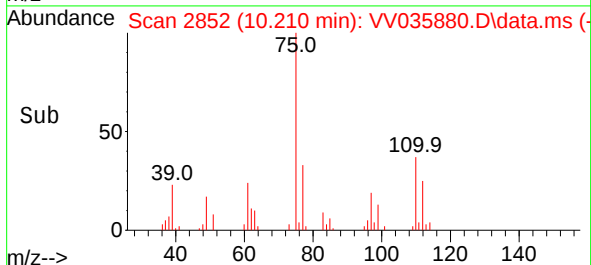
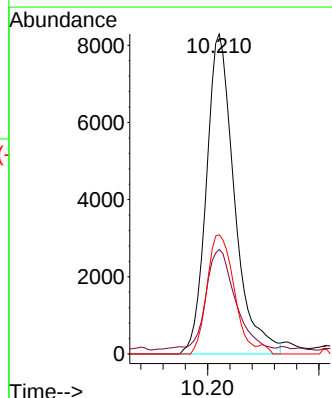
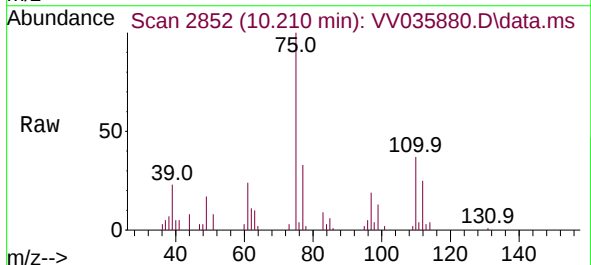
Instrument :
MSVOA_V
ClientSampleId :

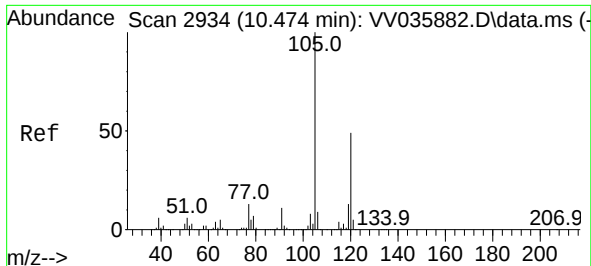
Tgt Ion:105 Resp: 61249
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 17.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 3.144 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion: 75 Resp: 14524
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 35.4 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 2.103 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

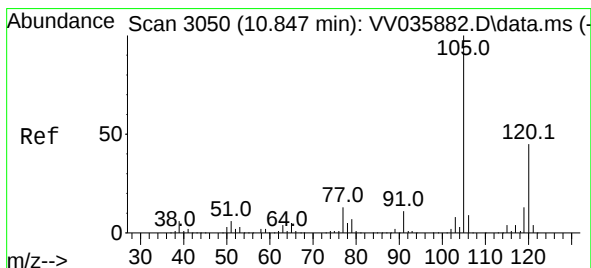
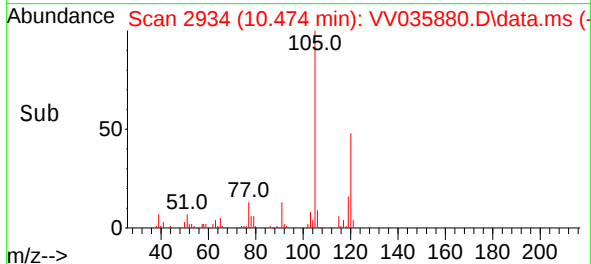
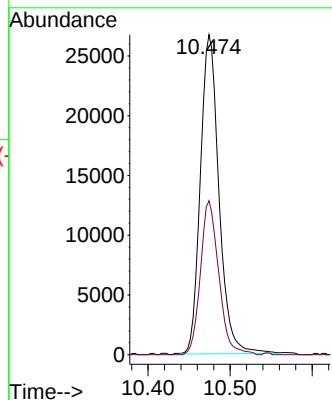
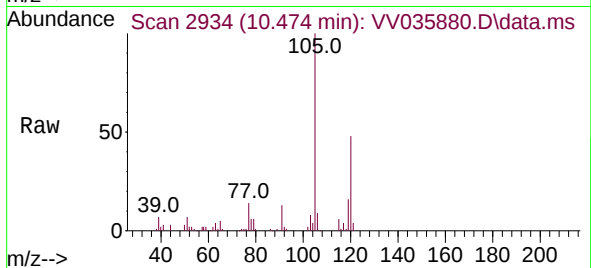
ClientSampleId :

Tgt Ion:105 Resp: 42136

Ion Ratio Lower Upper

105 100

120 47.5 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 2.073 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035880.D

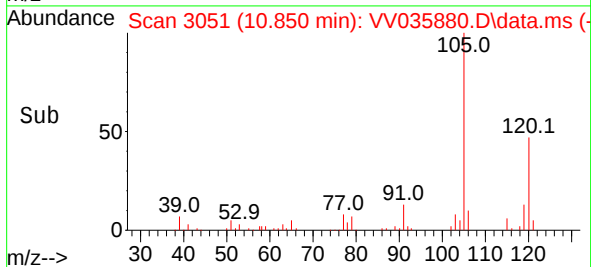
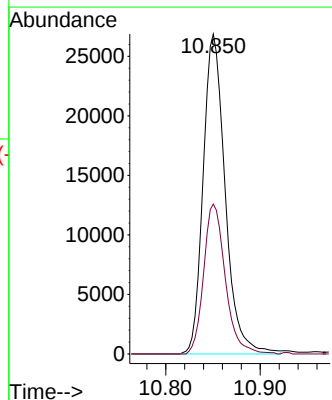
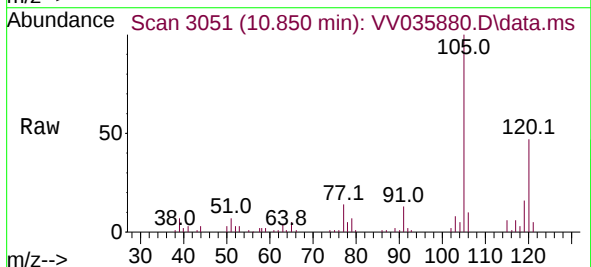
Acq: 30 May 2024 09:07

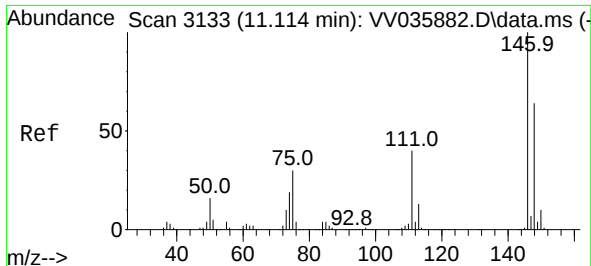
Tgt Ion:105 Resp: 43543

Ion Ratio Lower Upper

105 100

120 46.0 36.2 54.4

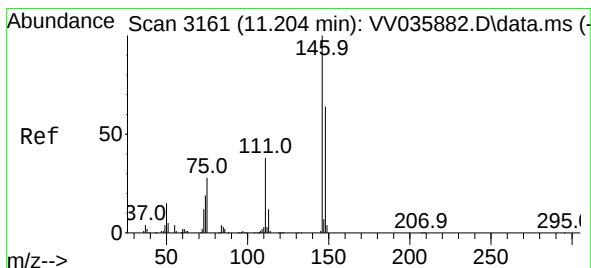
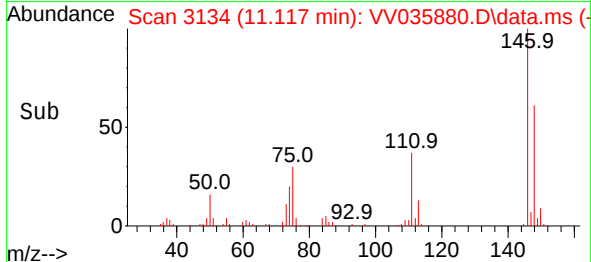
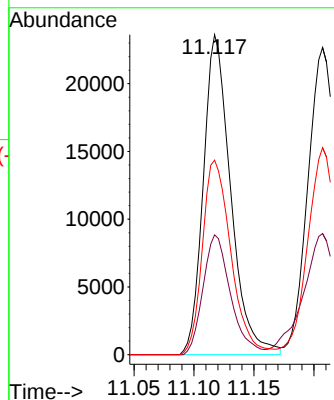
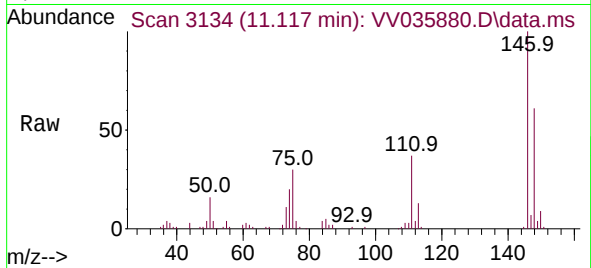




#64
1,3-Dichlorobenzene
Concen: 2.736 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

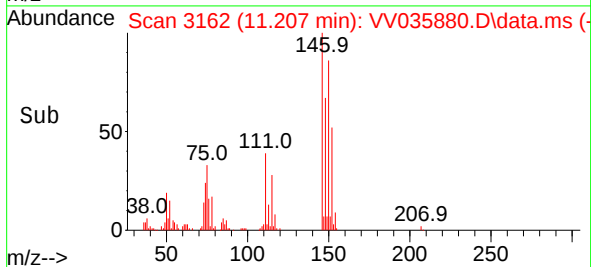
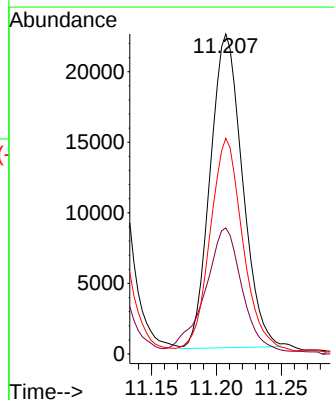
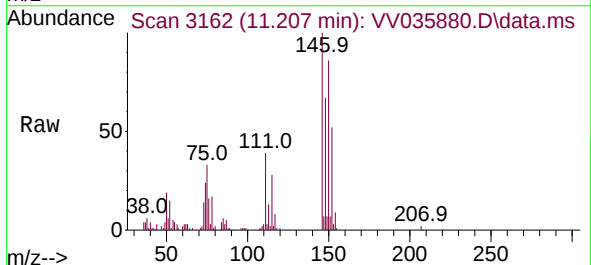
Instrument :
MSVOA_V
ClientSampleId :

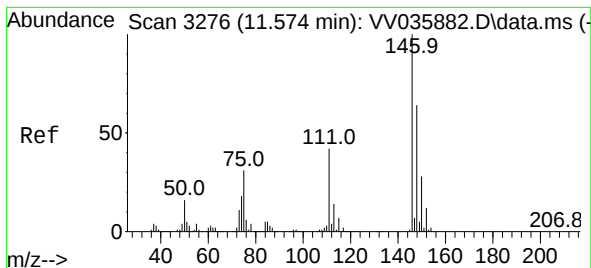
Tgt Ion:146 Resp: 37564
Ion Ratio Lower Upper
146 100
111 37.5 28.1 52.1
148 60.8 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 2.681 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035880.D
Acq: 30 May 2024 09:07

Tgt Ion:146 Resp: 38335
Ion Ratio Lower Upper
146 100
111 39.4 26.9 50.1
148 67.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.751 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV035880.D

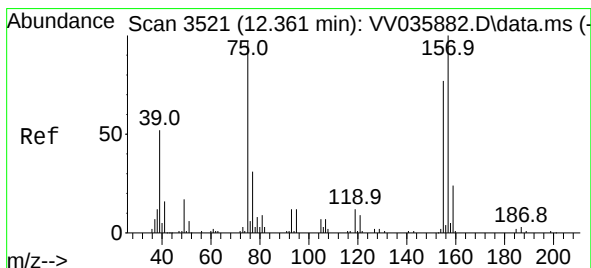
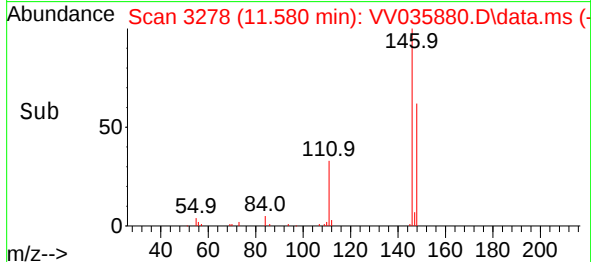
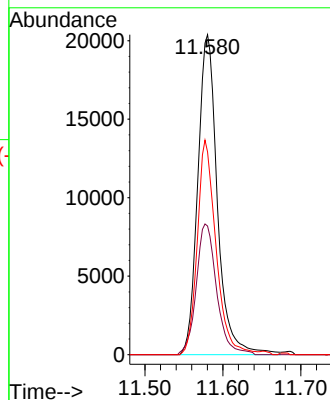
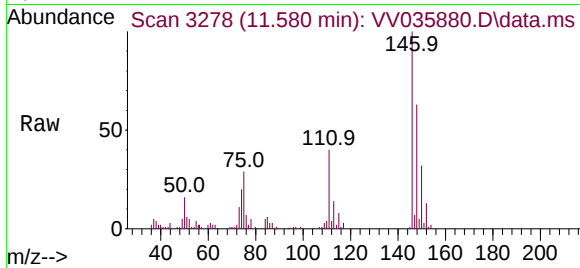
Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	146	Resp:	35607
Ion Ratio	Lower	Upper	
146	100		
111	40.2	33.5	50.3
148	63.4	50.9	76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 2.914 ug/L

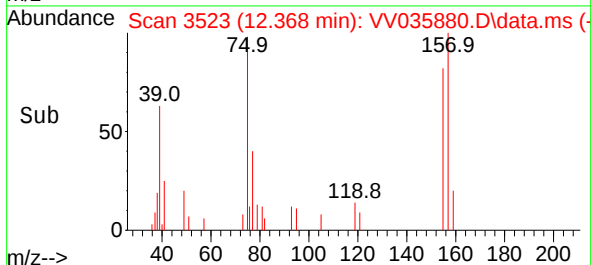
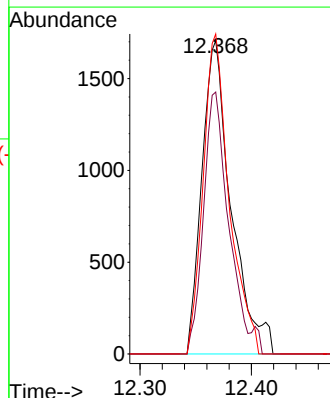
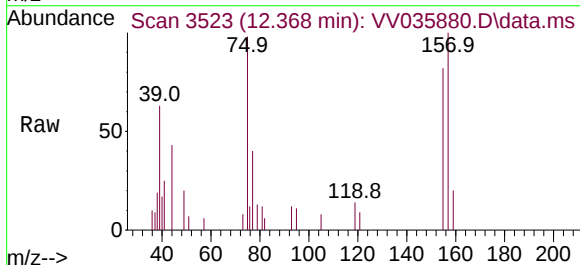
RT: 12.368 min Scan# 3523

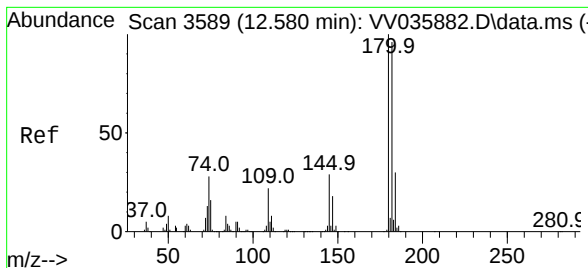
Delta R.T. 0.007 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

Tgt Ion:	75	Resp:	3124
Ion Ratio	Lower	Upper	
75	100		
155	83.6	63.3	94.9
157	102.2	82.4	123.6





#69

1,3,5-Trichlorobenzene

Concen: 2.611 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

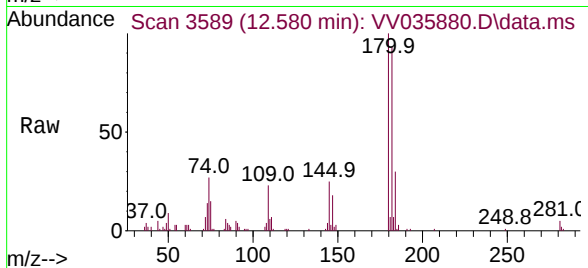
Lab File: VV035880.D

Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 27742

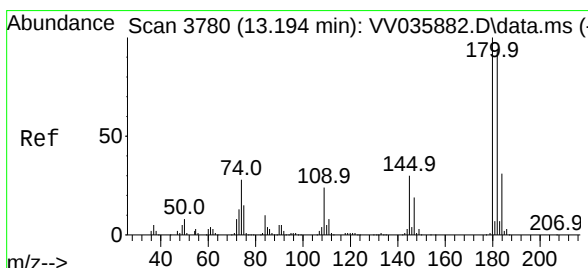
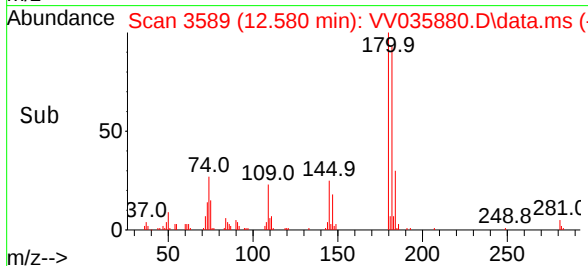
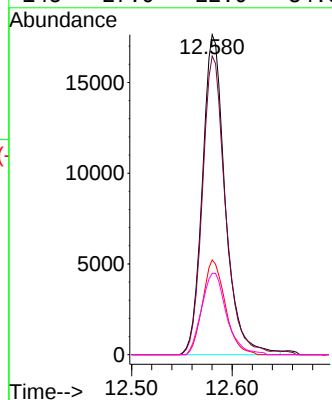
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

184 29.4 24.2 36.2

145 27.9 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 2.284 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

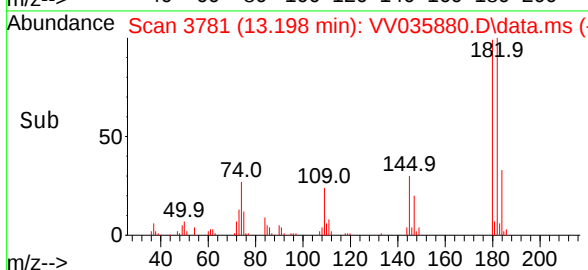
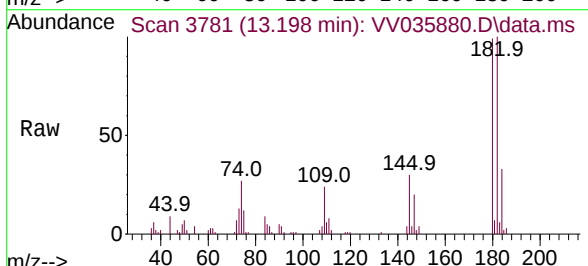
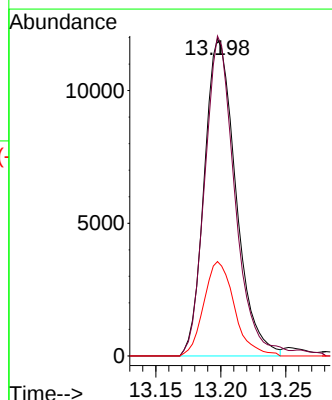
Tgt Ion:180 Resp: 20139

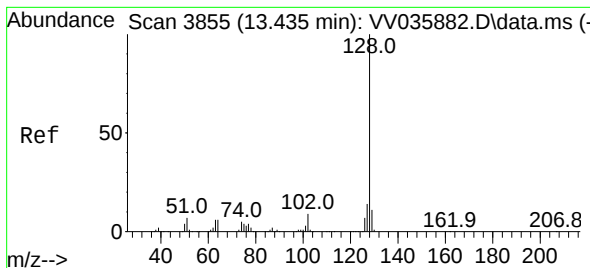
Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 29.0 23.5 35.3





#71

Naphthalene

Concen: 1.867 ug/L

RT: 13.442 min Scan# 3855

Delta R.T. 0.007 min

Lab File: VV035880.D

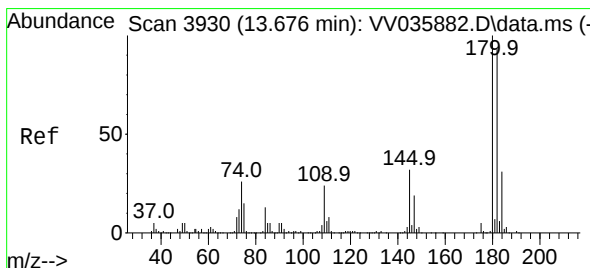
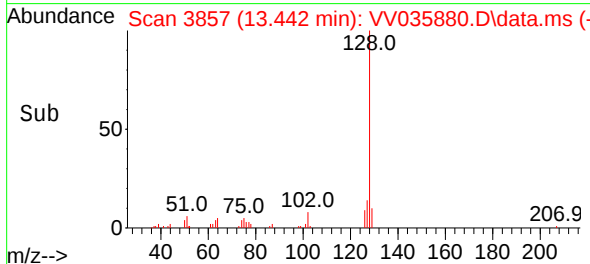
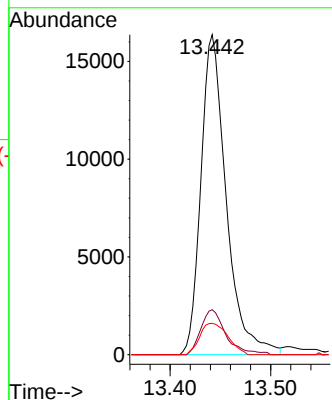
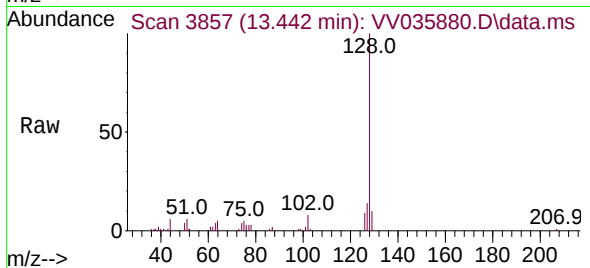
Acq: 30 May 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	28675
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.6 16.0
129	10.8	8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.299 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035880.D

Acq: 30 May 2024 09:07

Tgt Ion:180	Resp:	18453
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.1 112.7
145	33.2	25.2 37.8

