

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061022\
 Data File : VW026093.D
 Acq On : 10 Jun 2022 14:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 01:21:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	250791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	238325	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	121975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	78308	5.319	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.400%		
7) Chloroethane-d5	1.577	69	84099	5.464	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.200%		
11) 1,1-Dichloroethene-d2	2.117	63	179962	5.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.800%		
20) 2-Butanone-d5	3.905	46	105318	48.369	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 96.740%		
24) Chloroform-d	4.355	84	161171	5.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4	5.037	65	66258	5.206	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
32) Benzene-d6	5.053	84	323610	5.619	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.400%		
36) 1,2-Dichloropropane-d6	6.072	67	97147	5.453	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.000%		
41) Toluene-d8	7.313	98	297375	5.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.800%		
43) trans-1,3-Dichloroprop...	7.622	79	27869	5.313	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.200%		
46) 2-Hexanone-d5	8.088	63	121564	52.663	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.320%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60485	5.035	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	93552	5.013	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.140	85	119310	4.834	ug/L	98
3) Chloromethane	1.249	50	130003	4.704	ug/L	99
5) Vinyl chloride	1.320	62	136070	4.715	ug/L	98
6) Bromomethane	1.532	94	75862	4.535	ug/L	100
8) Chloroethane	1.593	64	83458	4.702	ug/L	98
9) Trichlorofluoromethane	1.761	101	175886	4.781	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	101356	4.835	ug/L	99
12) 1,1-Dichloroethene	2.127	96	96308	4.774	ug/L	97
13) Acetone	2.191	43	67485	38.862	ug/L	88
14) Carbon disulfide	2.301	76	260090	4.519	ug/L	100
15) Methyl Acetate	2.449	43	17866	3.148	ug/L #	73
16) Methylene chloride	2.516	84	98933	4.922	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	161883	4.943	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	91207	4.794	ug/L	99
19) 1,1-Dichloroethane	3.198	63	170209	4.919	ug/L	98
21) 2-Butanone	3.986	43	104755	46.311	ug/L	89
22) cis-1,2-Dichloroethene	3.918	96	94185	5.023	ug/L	100
23) Bromochloromethane	4.252	128	38432	4.876	ug/L	95
25) Chloroform	4.381	83	176415	4.966	ug/L	99

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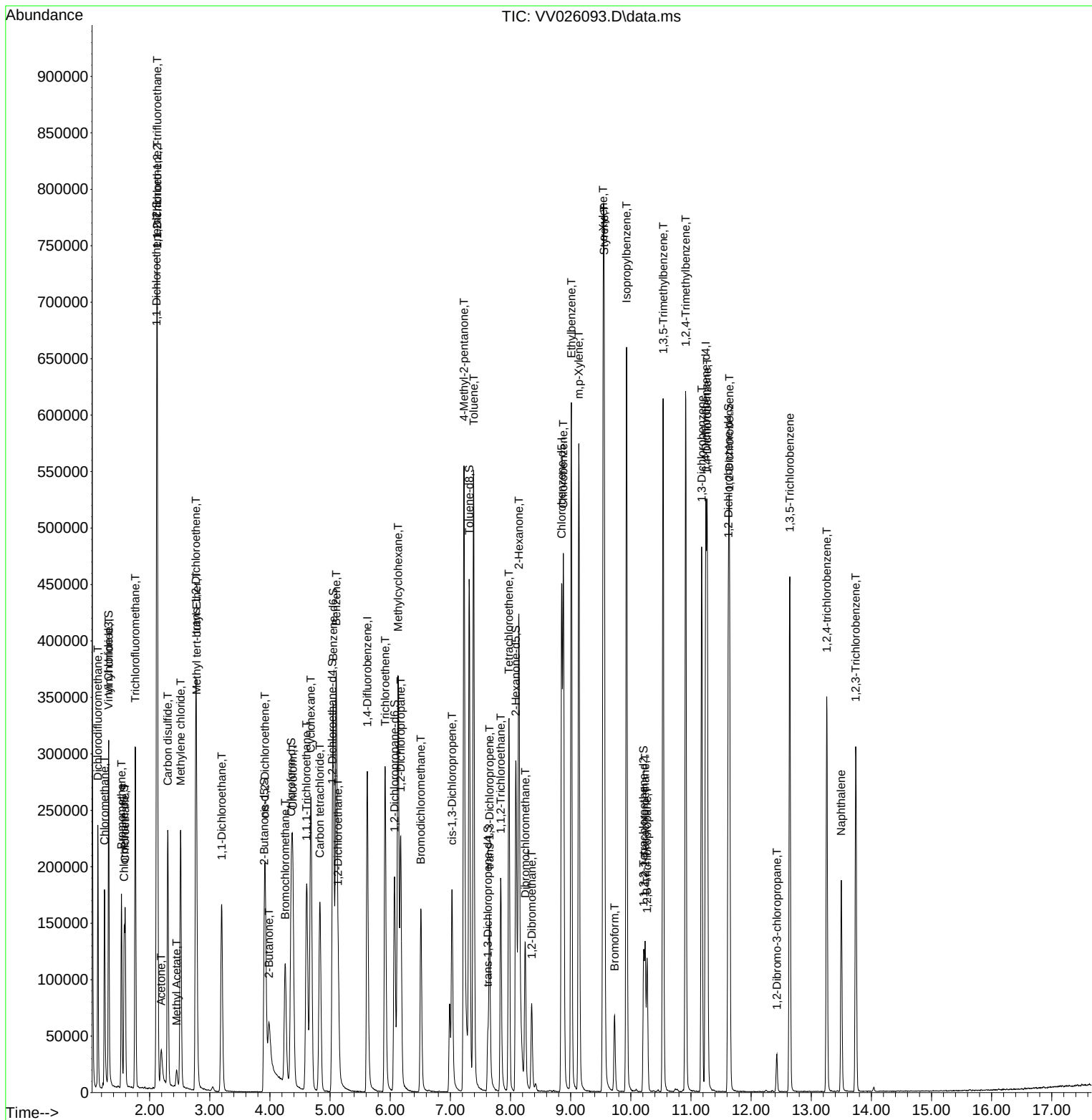
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 ClientSampleId :

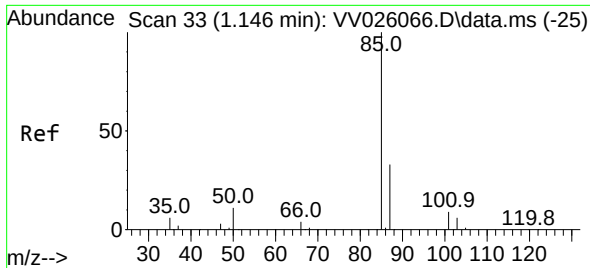
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	86860	4.946	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	151447	4.843	ug/L	100
30) Cyclohexane	4.680	56	133430	4.905	ug/L	97
31) Carbon tetrachloride	4.831	117	127351	4.959	ug/L	98
33) Benzene	5.101	78	379922	5.073	ug/L	100
34) Trichloroethene	5.918	95	104629	5.347	ug/L	98
35) Methylcyclohexane	6.133	83	147162	4.879	ug/L	99
37) 1,2-Dichloropropane	6.175	63	93967	5.177	ug/L	100
38) Bromodichloromethane	6.510	83	113158	5.161	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	115595	5.168	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	420694	56.737	ug/L	100
42) Toluene	7.387	91	405364	5.180	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	94818	5.411	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	60884	5.165	ug/L	99
47) Tetrachloroethene	7.976	164	72859	4.810	ug/L	95
48) 2-Hexanone	8.140	43	297458	56.516	ug/L	99
49) Dibromochloromethane	8.246	129	68018	5.286	ug/L	99
50) 1,2-Dibromoethane	8.352	107	53866	5.136	ug/L	97
51) Chlorobenzene	8.879	112	251729	4.942	ug/L	99
52) Ethylbenzene	9.011	91	417132	5.086	ug/L	100
53) m,p-Xylene	9.136	106	163443	5.155	ug/L	100
54) o-Xylene	9.542	106	153326	5.087	ug/L	96
55) Styrene	9.558	104	274455	5.437	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	63702	5.048	ug/L	98
59) Bromoform	9.731	173	30554	5.340	ug/L	99
60) Isopropylbenzene	9.931	105	415088	5.121	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	47663	5.006	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	327323	5.099	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	333132	5.211	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	194785	5.058	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	194687	4.965	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	169265	4.970	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	8769	5.183	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	135881	4.872	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	100844	4.851	ug/L	97
71) Naphthalene	13.500	128	147425	4.991	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	87657	4.982	ug/L	96

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

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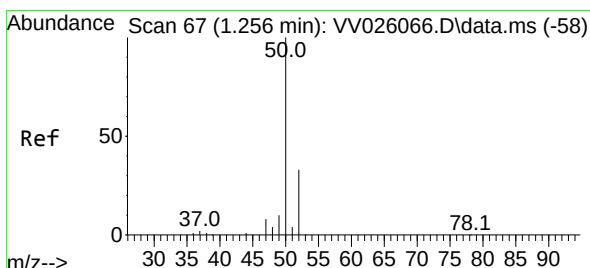
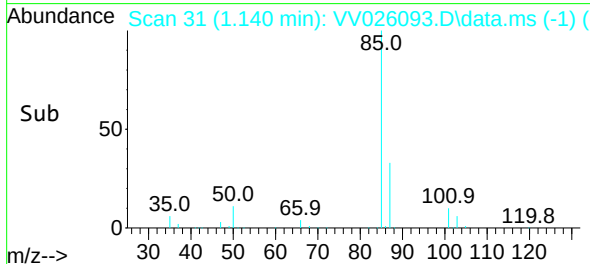
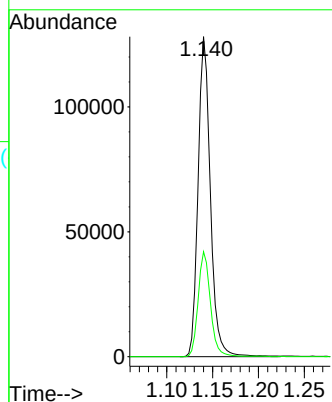
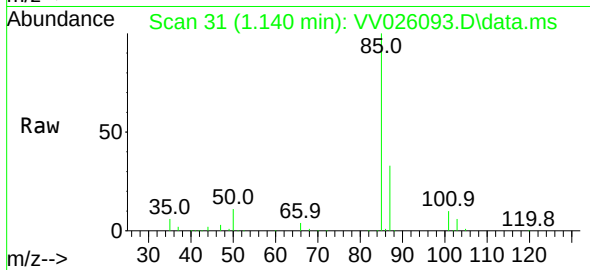




#2
 Dichlorodifluoromethane
 Concen: 4.834 ug/L
 RT: 1.140 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV026093.D
 Acq: 10 Jun 2022 14:33

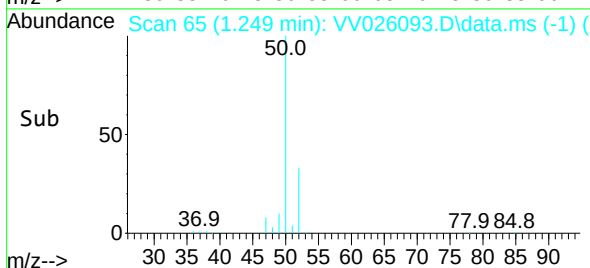
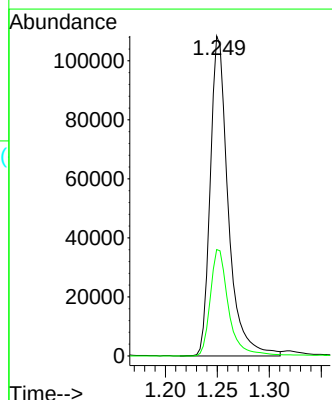
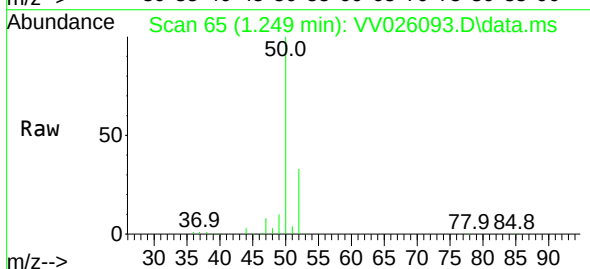
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 MSVOA_V
 ClientSampleId :

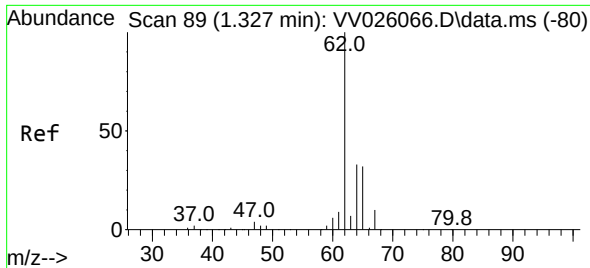
Tgt Ion: 85 Resp: 119310
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.3 37.9



#3
 Chloromethane
 Concen: 4.704 ug/L
 RT: 1.249 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: VV026093.D
 Acq: 10 Jun 2022 14:33

Tgt Ion: 50 Resp: 130003
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6

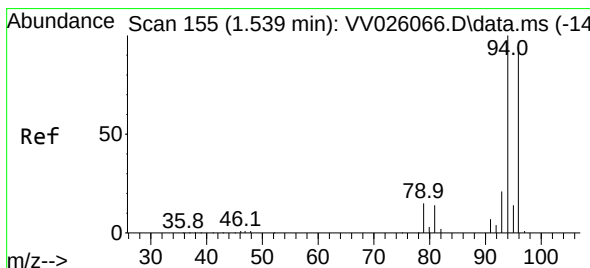
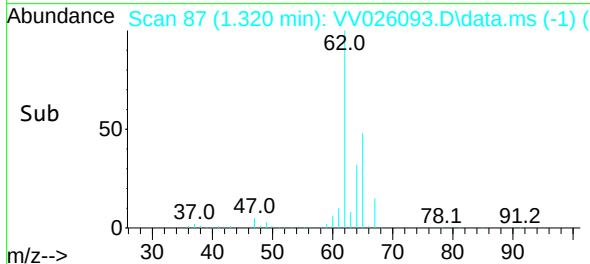
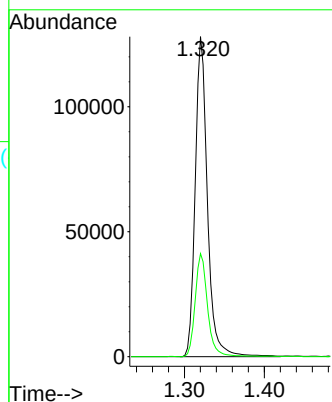
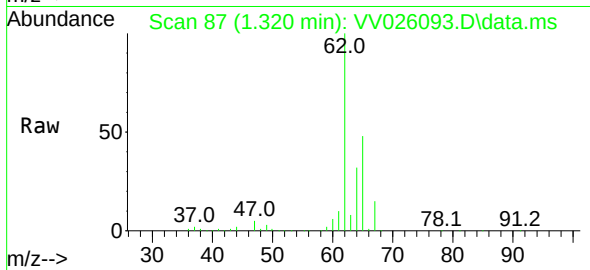




#5
 Vinyl chloride
 Concen: 4.715 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VV026093.D
 Acq: 10 Jun 2022 14:33

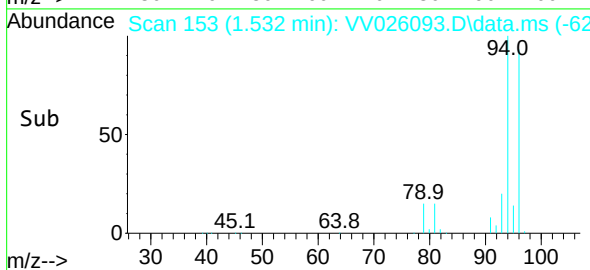
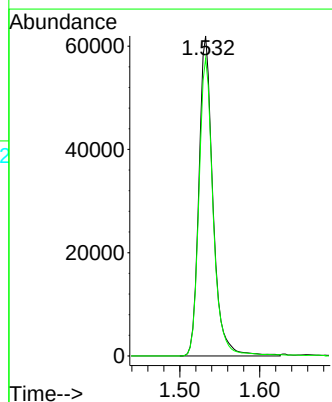
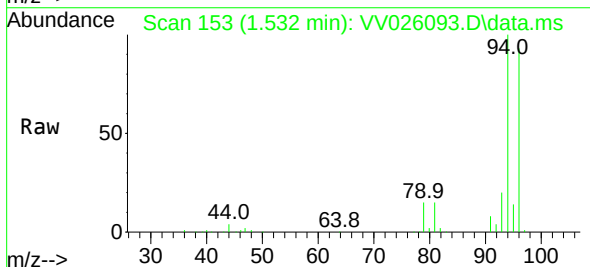
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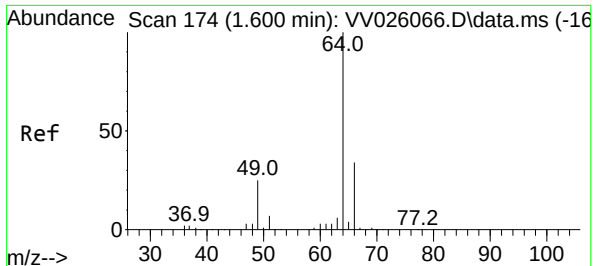
Tgt Ion: 62 Resp: 136070
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.4 43.4



#6
 Bromomethane
 Concen: 4.535 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. -0.006 min
 Lab File: VV026093.D
 Acq: 10 Jun 2022 14:33

Tgt Ion: 94 Resp: 75862
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.5 121.6

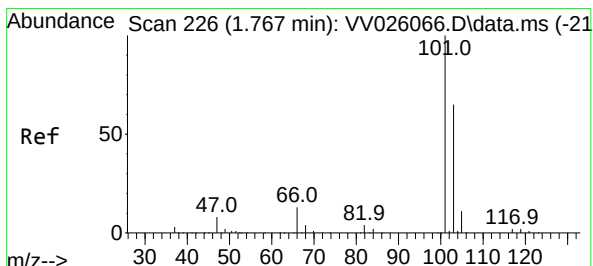
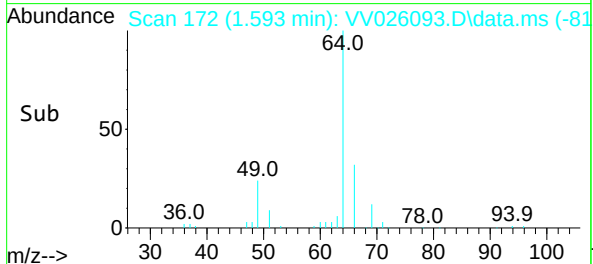
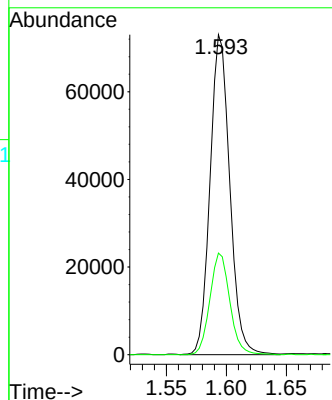
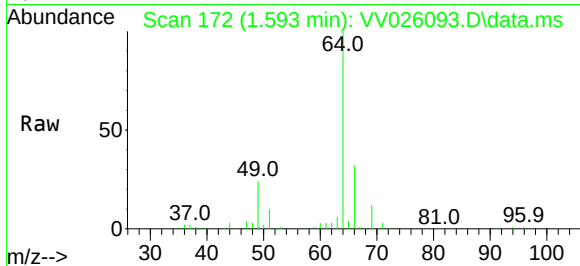




#8
Chloroethane
Concen: 4.702 ug/L
RT: 1.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

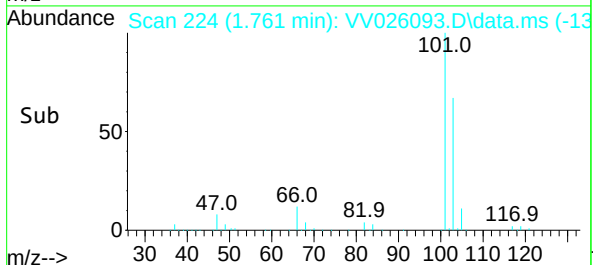
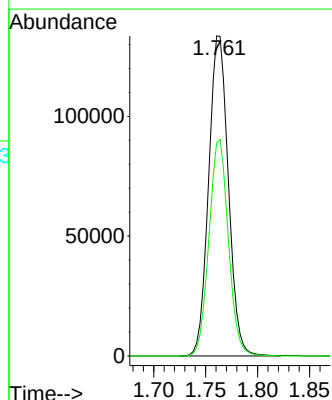
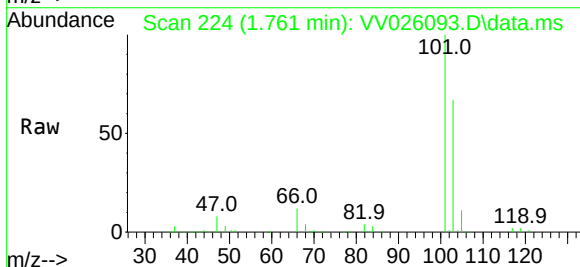
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ClientSampleId :

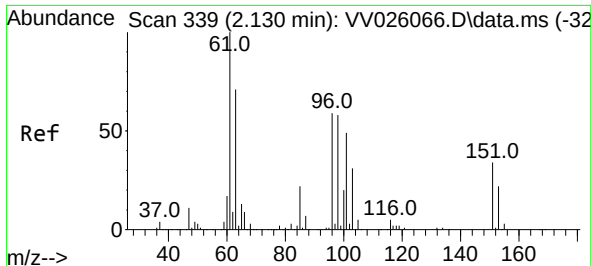
Tgt Ion: 64 Resp: 83458
Ion Ratio Lower Upper
64 100
66 31.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.781 ug/L
RT: 1.761 min Scan# 224
Delta R.T. -0.006 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion:101 Resp: 175886
Ion Ratio Lower Upper
101 100
103 66.5 52.6 78.8

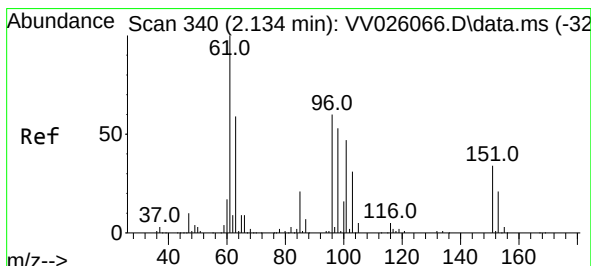
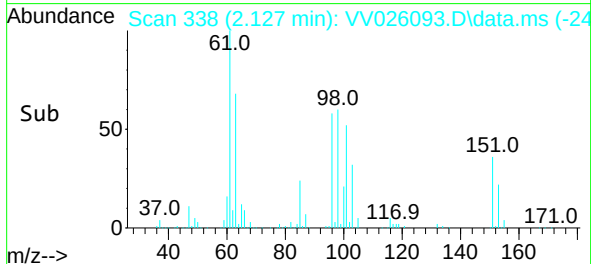
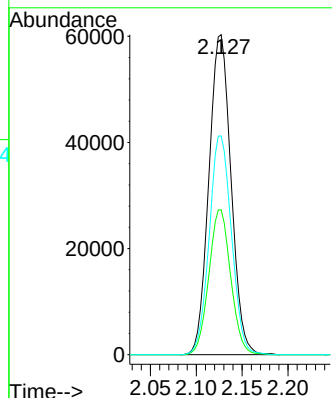
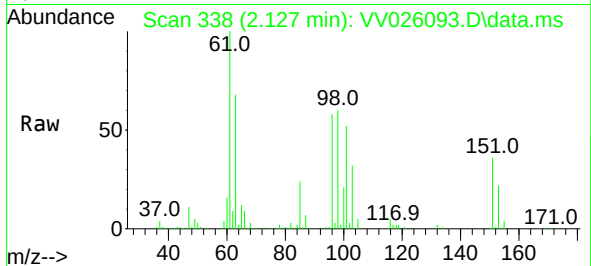




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.835 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.003 min
 Lab File: VV026093.D
 Acq: 10 Jun 2022 14:33

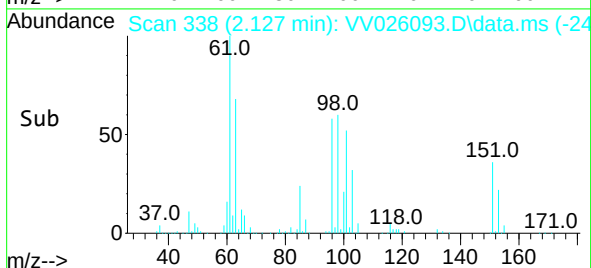
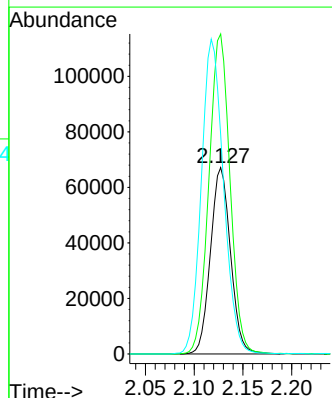
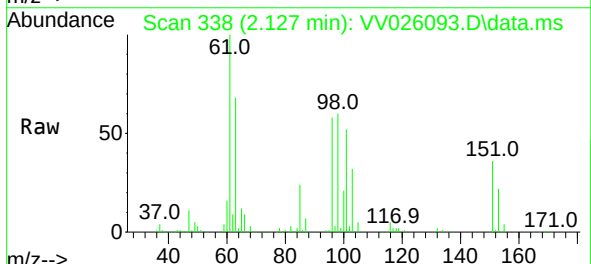
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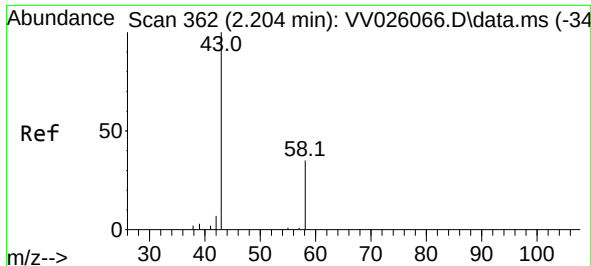
Tgt Ion:101 Resp: 101356
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.6 53.4
 151 68.9 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 4.774 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.006 min
 Lab File: VV026093.D
 Acq: 10 Jun 2022 14:33

Tgt Ion: 96 Resp: 96308
 Ion Ratio Lower Upper
 96 100
 61 171.6 122.6 227.6
 63 117.5 78.5 145.9





#13

Acetone

Concen: 38.862 ug/L

RT: 2.191 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

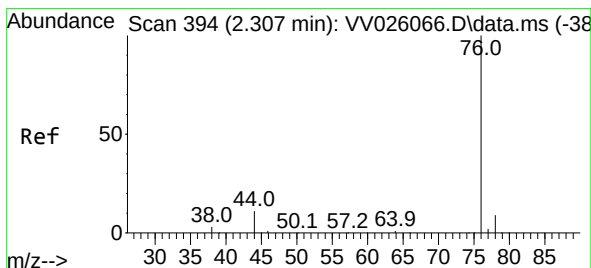
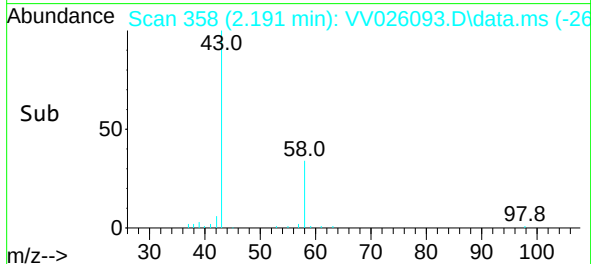
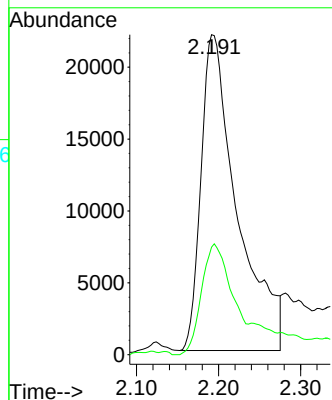
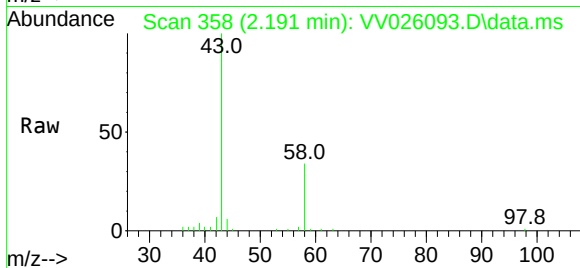
ClientSampleId :

Tgt Ion: 43 Resp: 67485

Ion Ratio Lower Upper

43 100

58 29.8 0.0 47.6



#14

Carbon disulfide

Concen: 4.519 ug/L

RT: 2.301 min Scan# 392

Delta R.T. -0.006 min

Lab File: VV026093.D

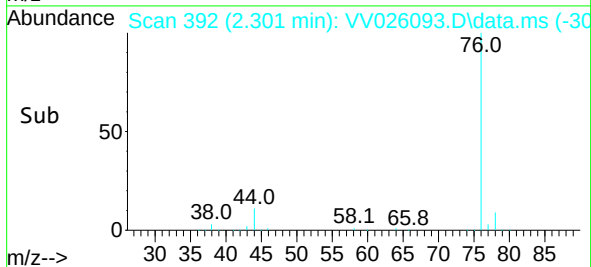
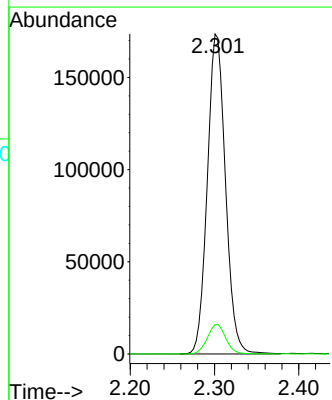
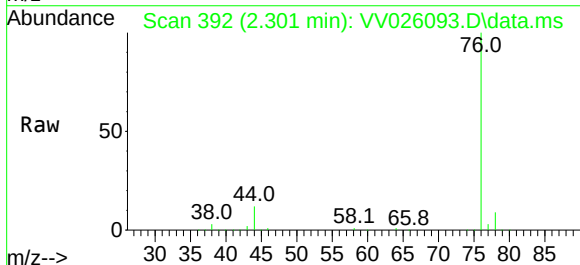
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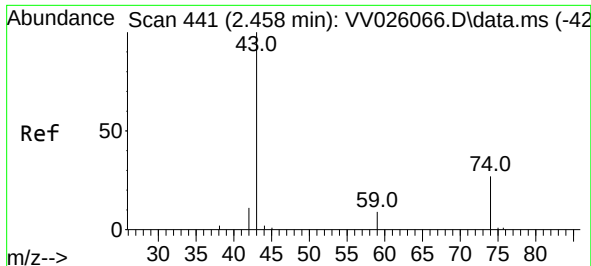
Tgt Ion: 76 Resp: 260090

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

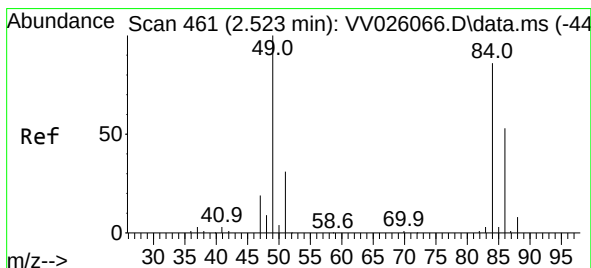
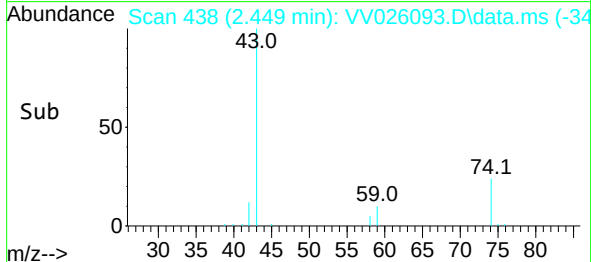
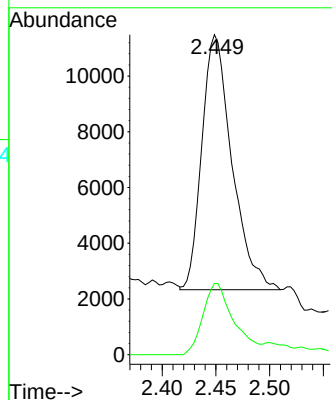
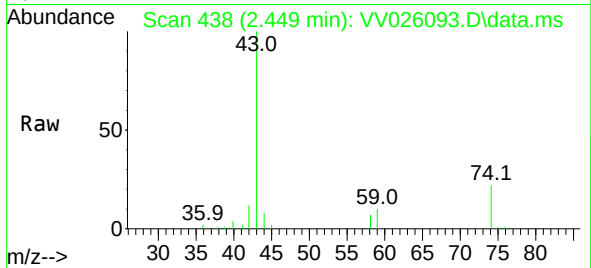




#15
Methyl Acetate
Concen: 3.148 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

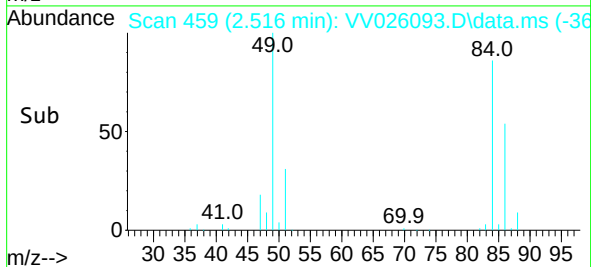
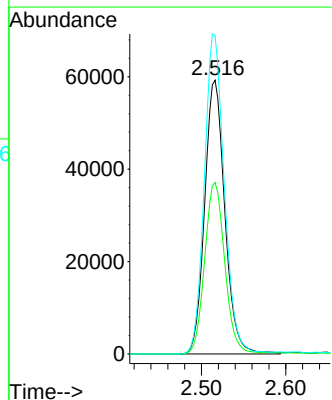
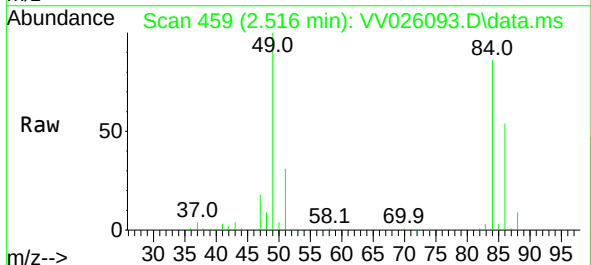
Instrument :
MSVOA_V
ClientSampleId :

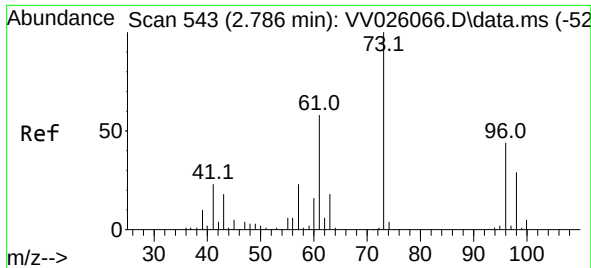
Tgt Ion: 43 Resp: 17866
Ion Ratio Lower Upper
43 100
74 28.4 13.3 19.9#



#16
Methylene chloride
Concen: 4.922 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.006 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

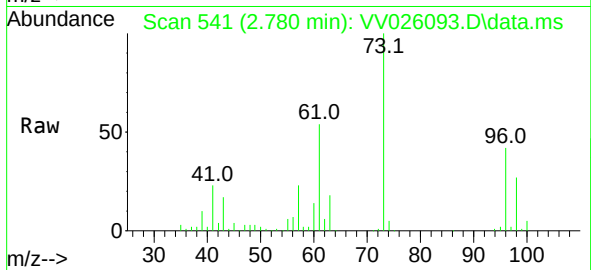
Tgt Ion: 84 Resp: 98933
Ion Ratio Lower Upper
84 100
86 62.7 45.6 84.6
49 116.3 82.9 153.9



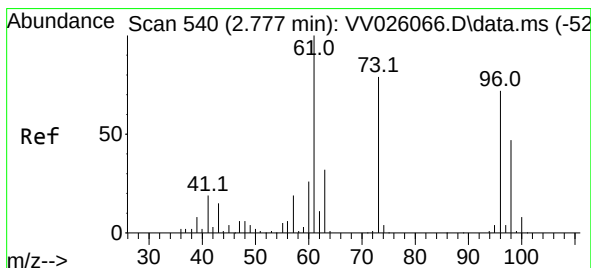
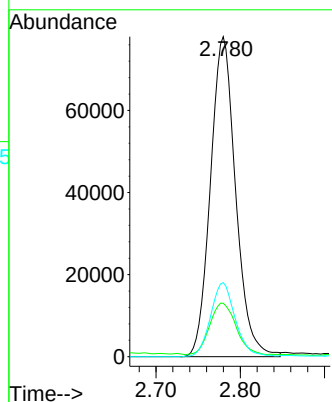
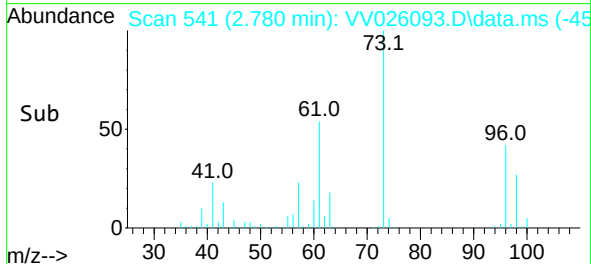


#17
Methyl tert-butyl Ether
Concen: 4.943 ug/L
RT: 2.780 min Scan# 54
Delta R.T. -0.006 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

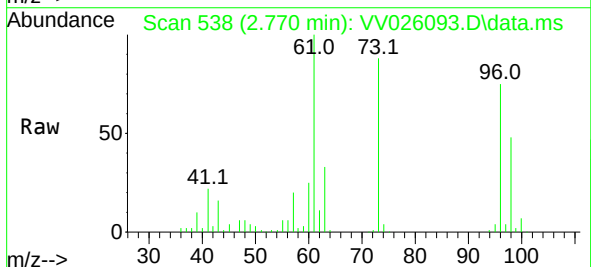
Instrument :
MSVOA_V
ClientSampleId :



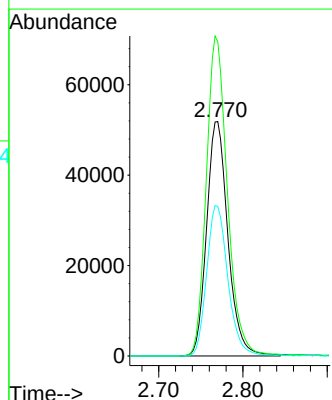
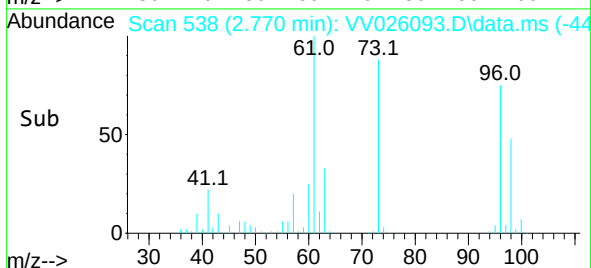
Tgt Ion: 73 Resp: 161883
Ion Ratio Lower Upper
73 100
43 16.7 13.7 20.5
57 22.7 17.8 26.6

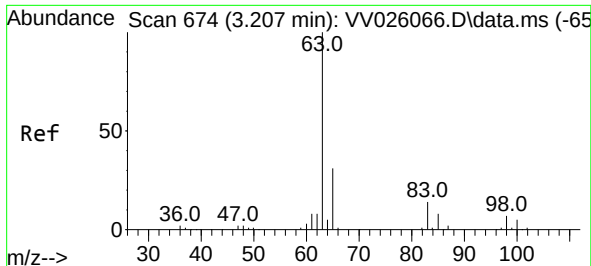


#18
trans-1,2-Dichloroethene
Concen: 4.794 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.006 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33



Tgt Ion: 96 Resp: 91207
Ion Ratio Lower Upper
96 100
61 134.0 94.3 175.1
98 63.8 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.919 ug/L

RT: 3.198 min Scan# 61

Delta R.T. -0.010 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

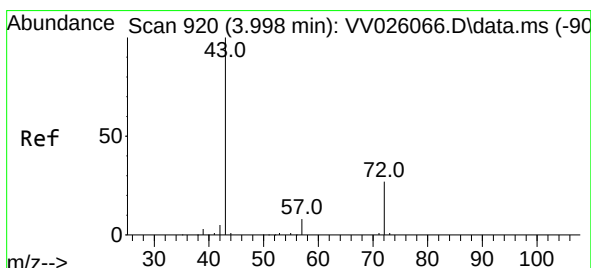
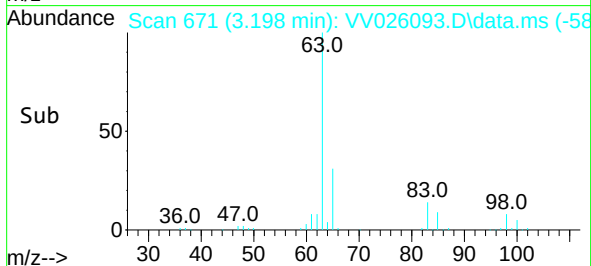
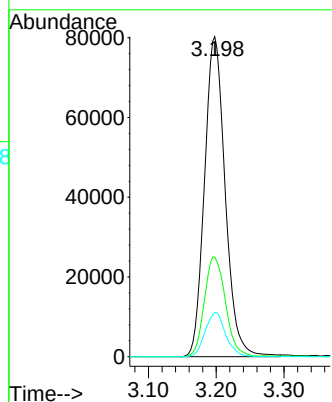
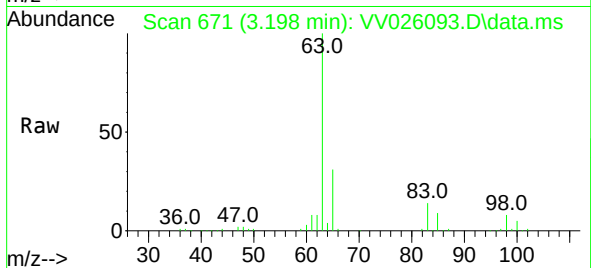
Tgt Ion: 63 Resp: 170209

Ion Ratio Lower Upper

63 100

65 31.1 23.1 42.9

83 13.8 9.7 18.1



#21

2-Butanone

Concen: 46.311 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.013 min

Lab File: VV026093.D

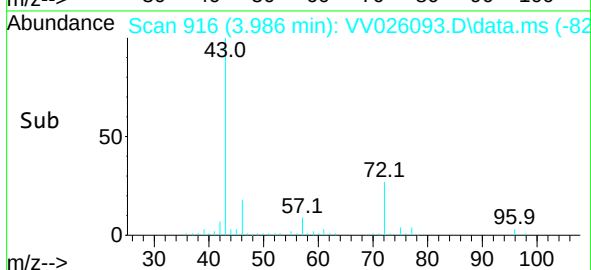
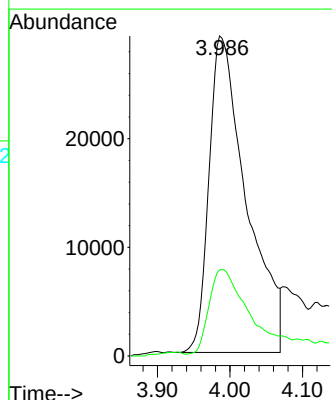
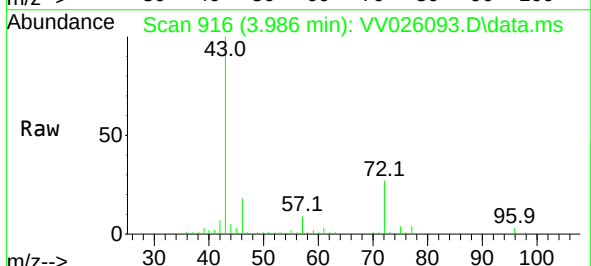
Acq: 10 Jun 2022 14:33

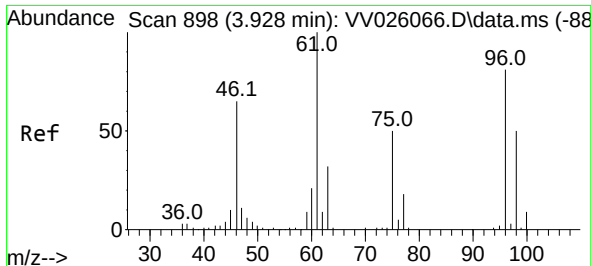
Tgt Ion: 43 Resp: 104755

Ion Ratio Lower Upper

43 100

72 29.1 11.9 35.7





#22

cis-1,2-Dichloroethene

Concen: 5.023 ug/L

RT: 3.918 min Scan# 898

Delta R.T. -0.010 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

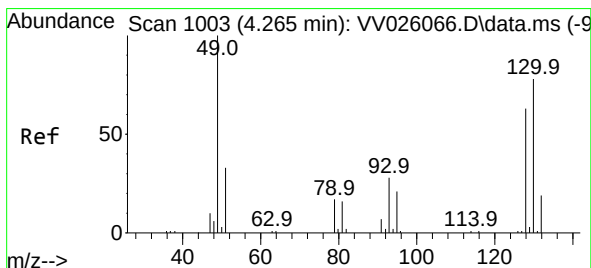
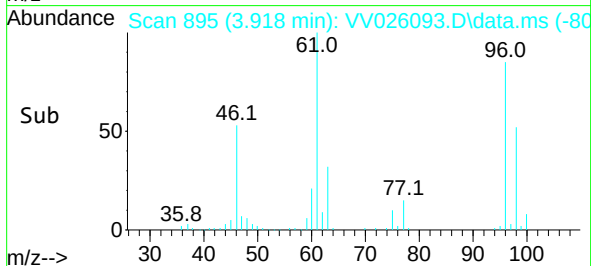
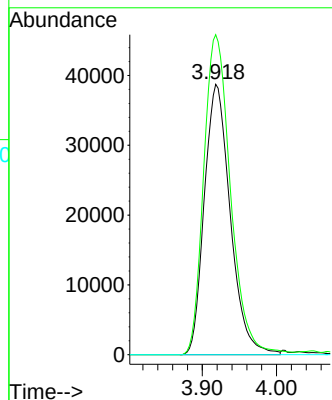
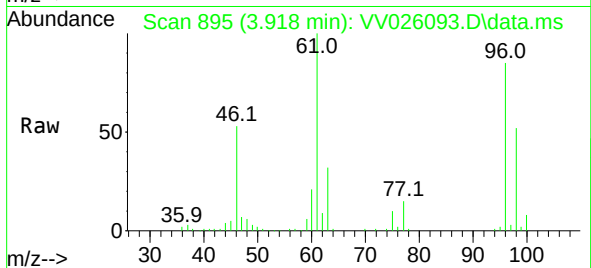
Tgt Ion: 96 Resp: 94185

Ion Ratio Lower Upper

96 100

61 118.3 83.1 154.3

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.876 ug/L

RT: 4.252 min Scan# 999

Delta R.T. -0.013 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Tgt Ion: 128 Resp: 38432

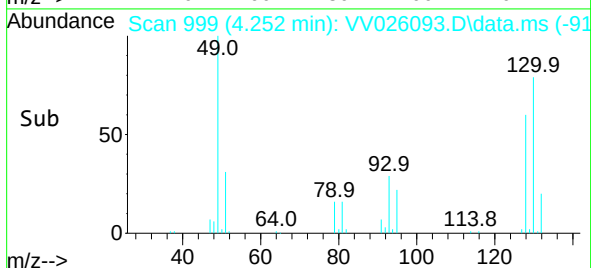
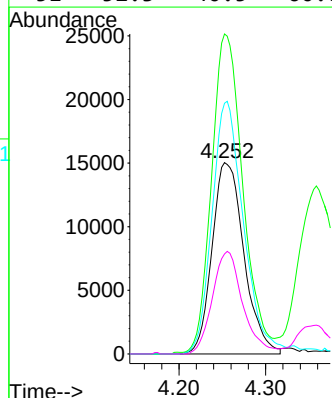
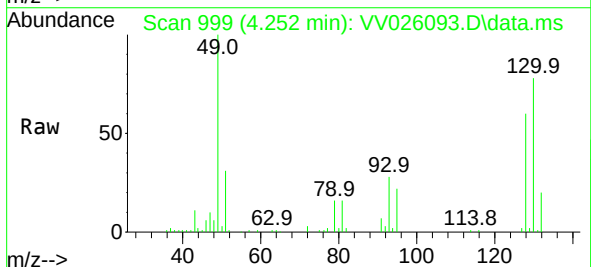
Ion Ratio Lower Upper

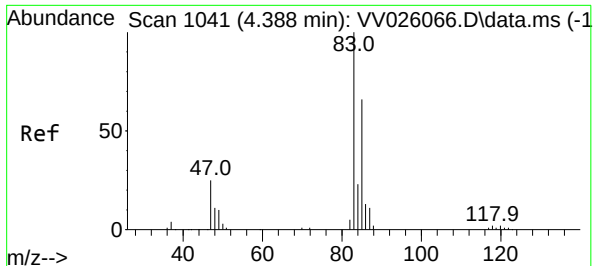
128 100

49 167.2 112.8 209.4

130 131.1 87.4 162.4

51 52.3 40.5 60.7





#25

Chloroform

Concen: 4.966 ug/L

RT: 4.381 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

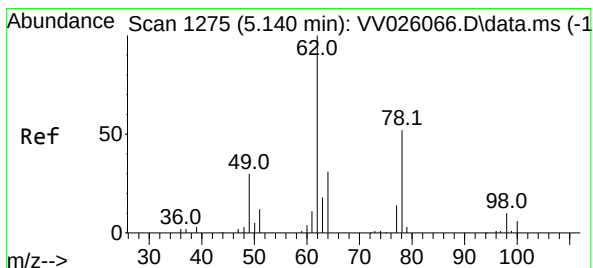
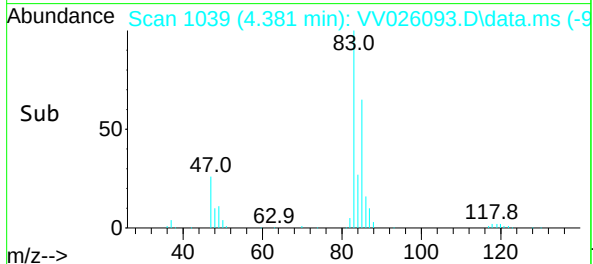
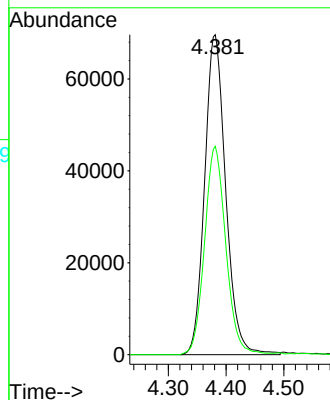
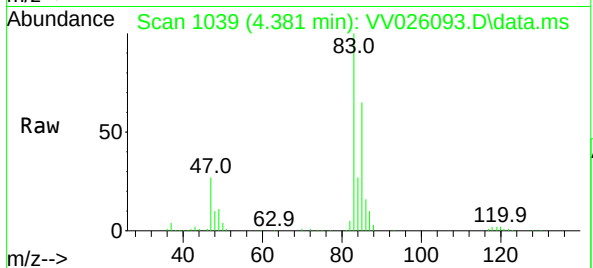
ClientSampleId :

Tgt Ion: 83 Resp: 176415

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.946 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VV026093.D

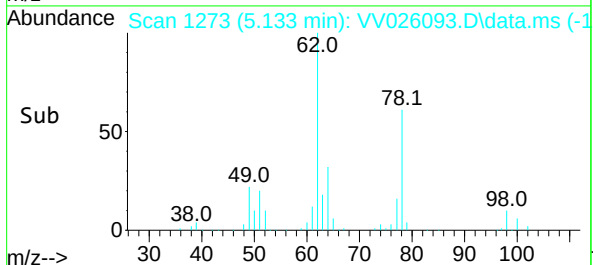
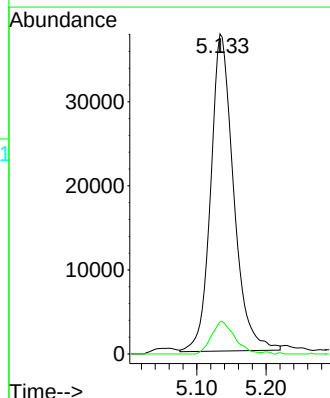
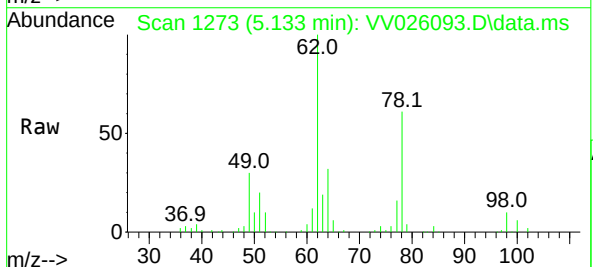
Acq: 10 Jun 2022 14:33

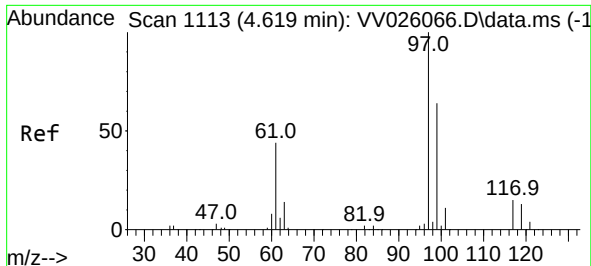
Tgt Ion: 62 Resp: 86860

Ion Ratio Lower Upper

62 100

98 10.1 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 4.843 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.010 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

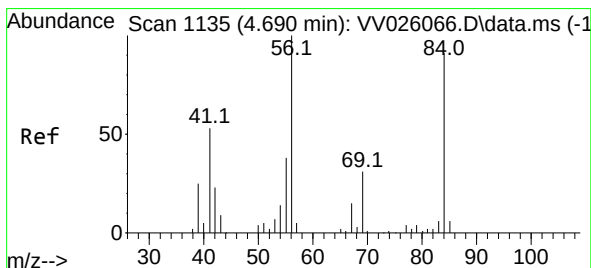
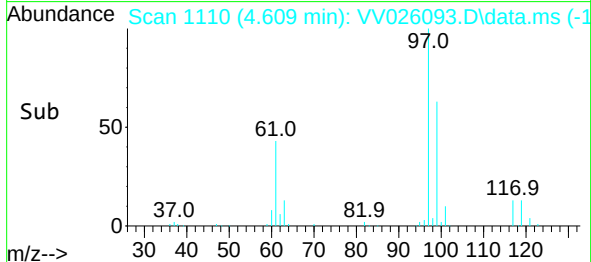
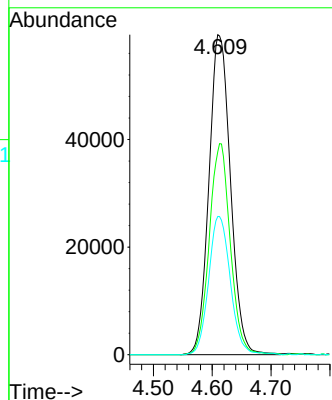
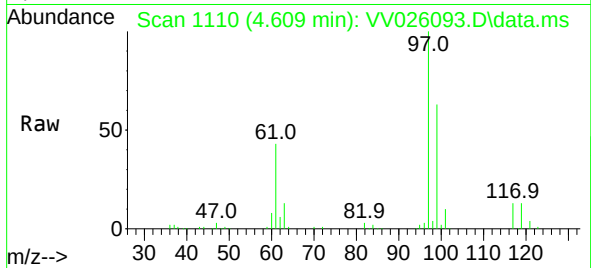
Tgt Ion: 97 Resp: 151447

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 43.4 34.9 52.3



#30

Cyclohexane

Concen: 4.905 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.010 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

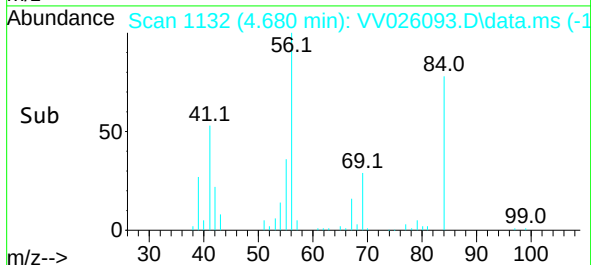
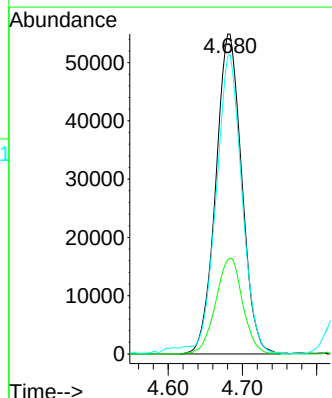
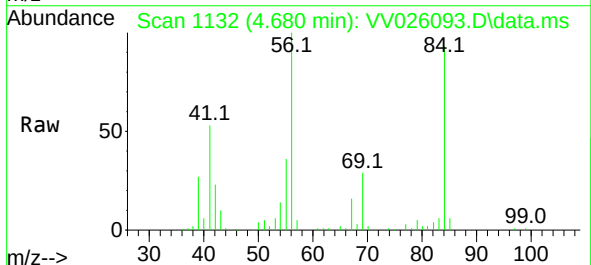
Tgt Ion: 56 Resp: 133430

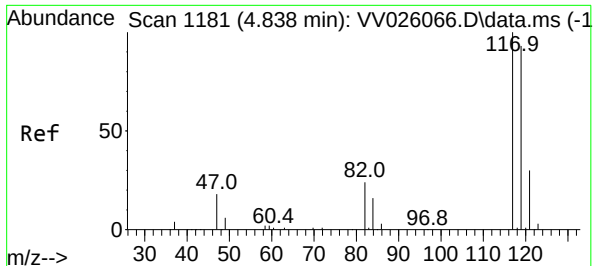
Ion Ratio Lower Upper

56 100

69 31.1 25.1 37.7

84 93.5 72.2 108.4

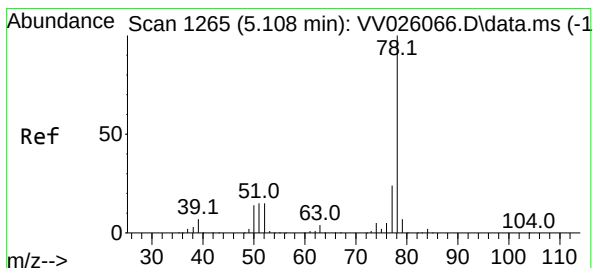
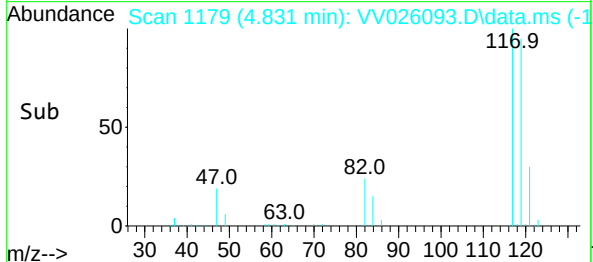
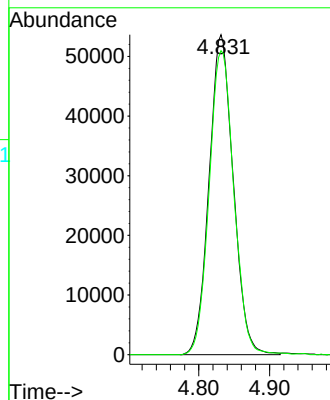
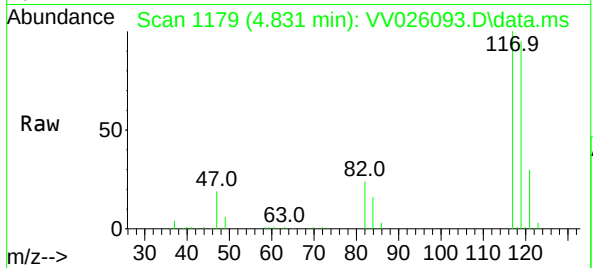




#31
Carbon tetrachloride
Concen: 4.959 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

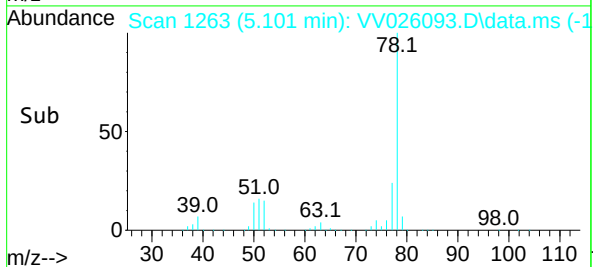
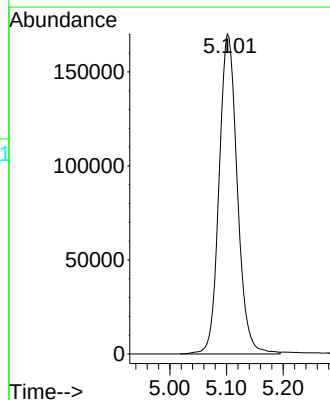
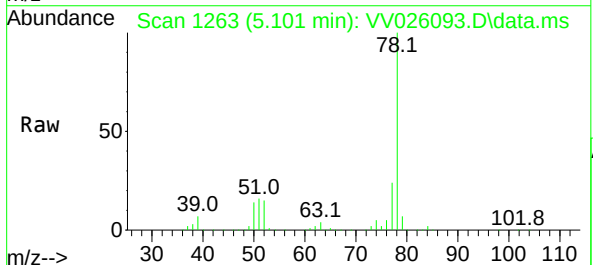
Instrument :
MSVOA_V
ClientSampleId :

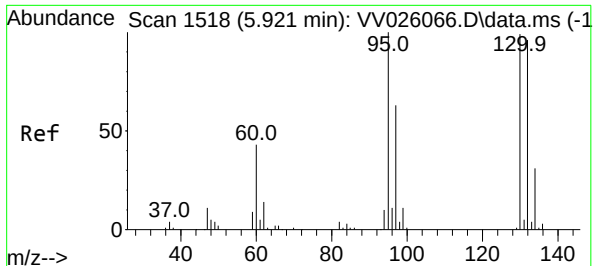
Tgt Ion:117 Resp: 127351
Ion Ratio Lower Upper
117 100
119 96.7 78.7 118.1



#33
Benzene
Concen: 5.073 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion: 78 Resp: 379922

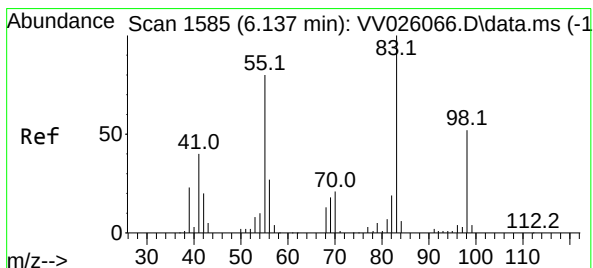
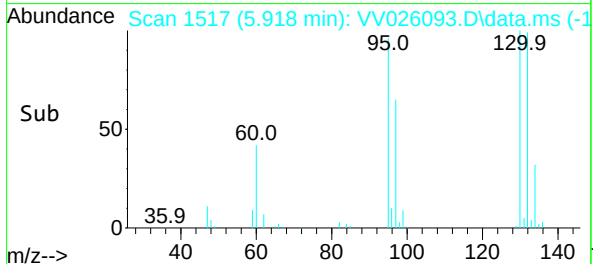
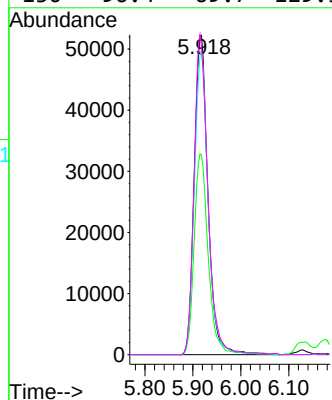
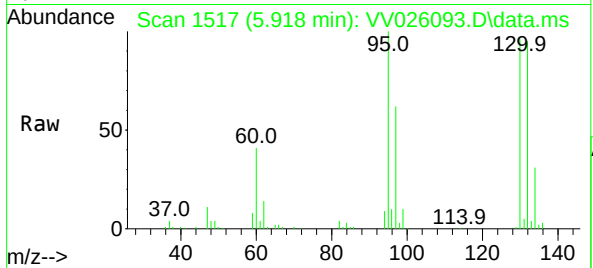




#34
Trichloroethene
Concen: 5.347 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

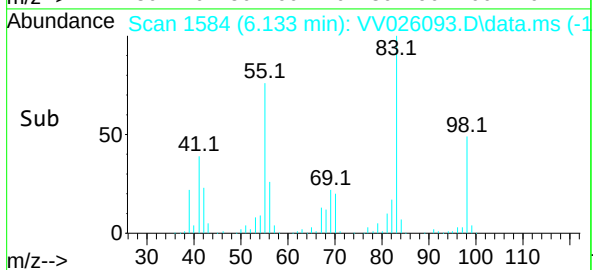
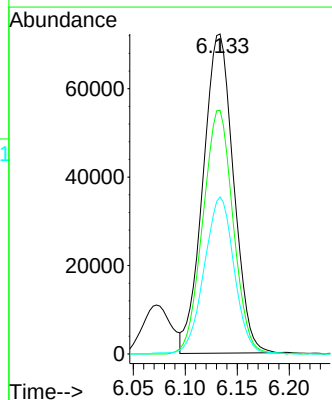
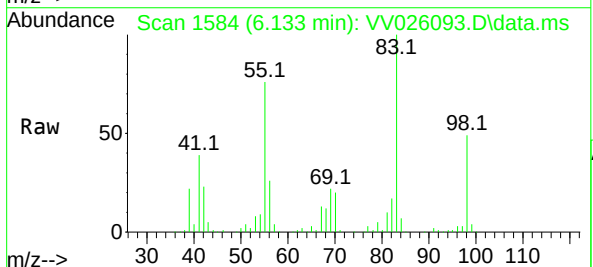
Instrument :
MSVOA_V
ClientSampleId :

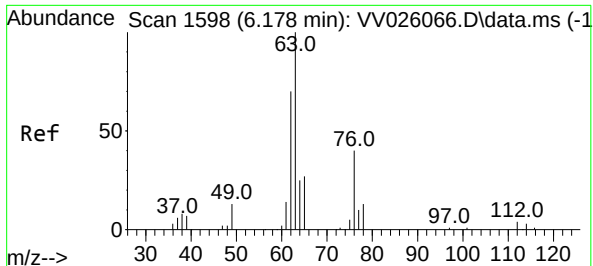
Tgt Ion: 95 Resp: 104629
Ion Ratio Lower Upper
95 100
97 62.5 44.0 81.6
132 95.2 67.5 125.4
130 96.4 69.7 129.5



#35
Methylcyclohexane
Concen: 4.879 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion: 83 Resp: 147162
Ion Ratio Lower Upper
83 100
55 75.8 59.4 89.0
98 48.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 5.177 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

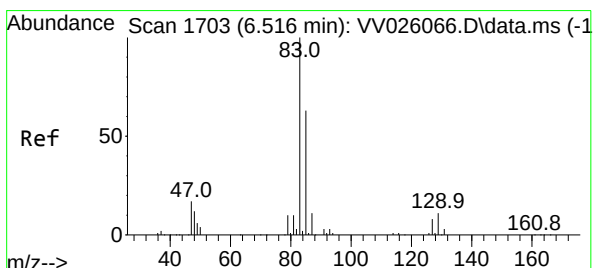
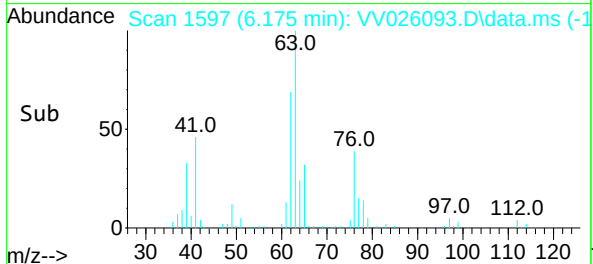
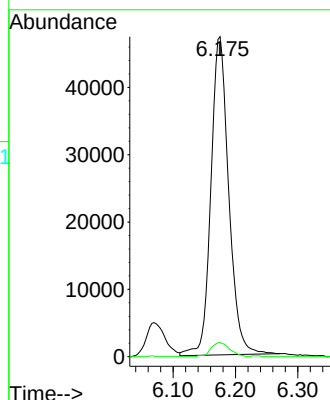
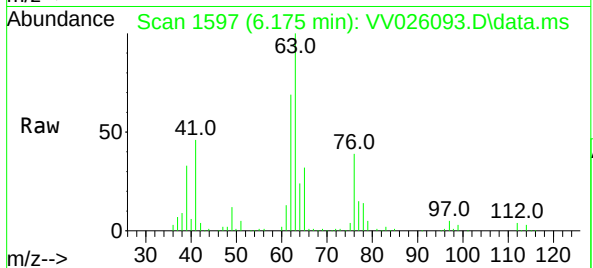
ClientSampleId :

Tgt Ion: 63 Resp: 93967

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 5.161 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

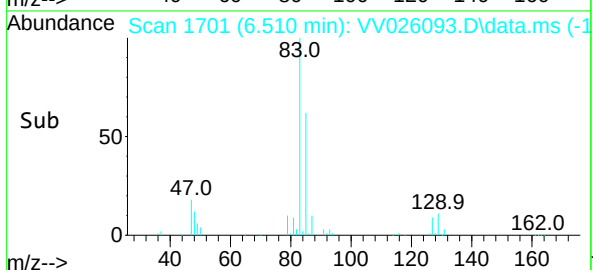
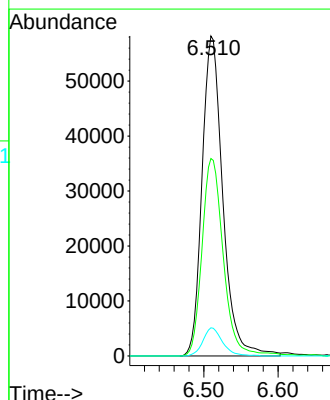
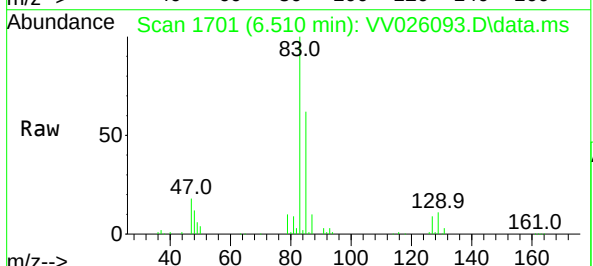
Tgt Ion: 83 Resp: 113158

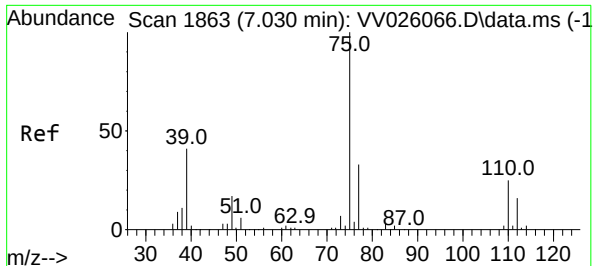
Ion Ratio Lower Upper

83 100

85 61.7 44.8 83.2

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.168 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

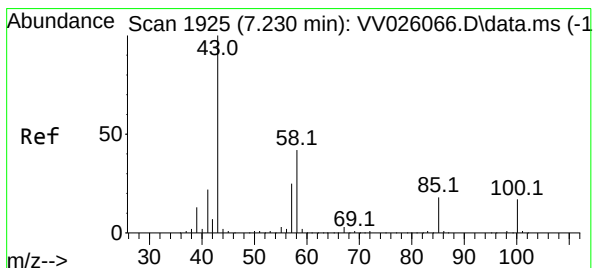
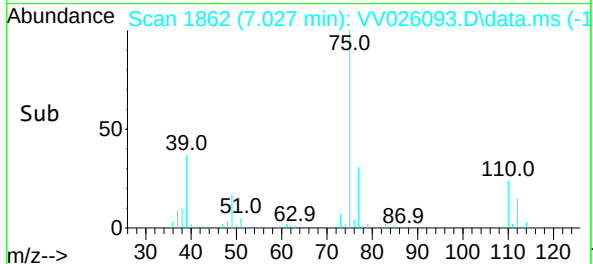
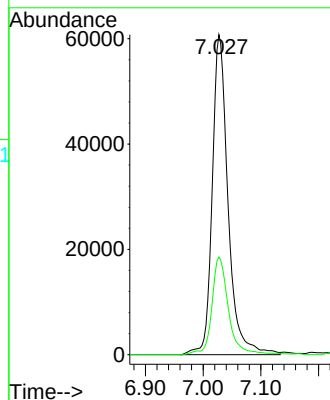
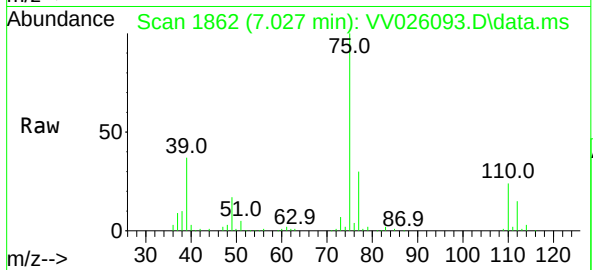
ClientSampleId :

Tgt Ion: 75 Resp: 115595

Ion Ratio Lower Upper

75 100

77 30.5 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 56.737 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

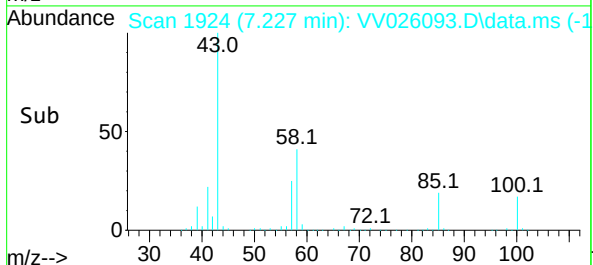
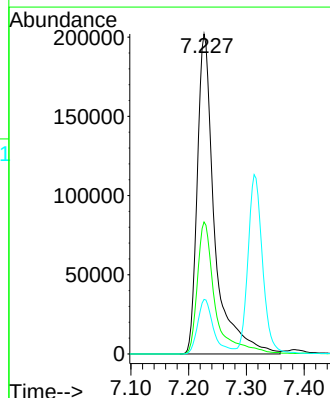
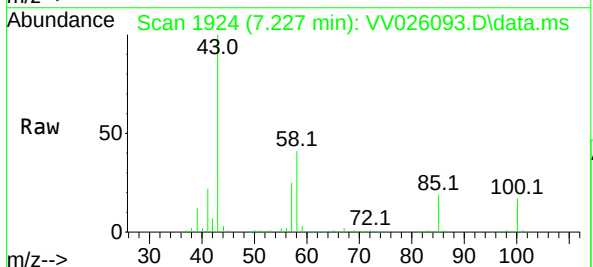
Tgt Ion: 43 Resp: 420694

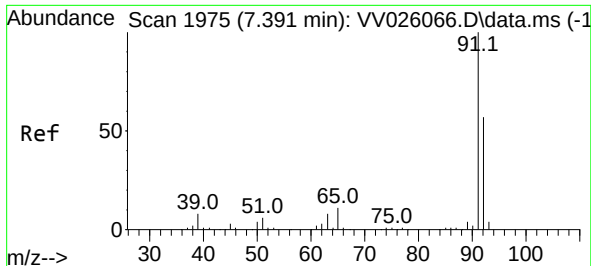
Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.2

100 16.0 12.6 19.0

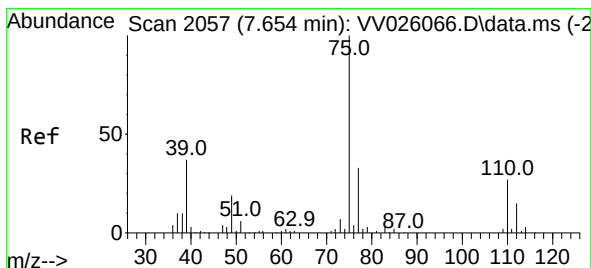
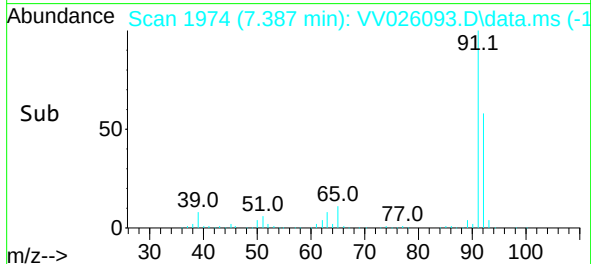
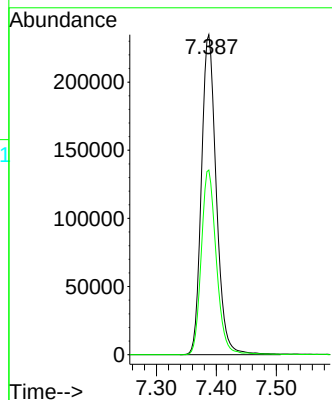
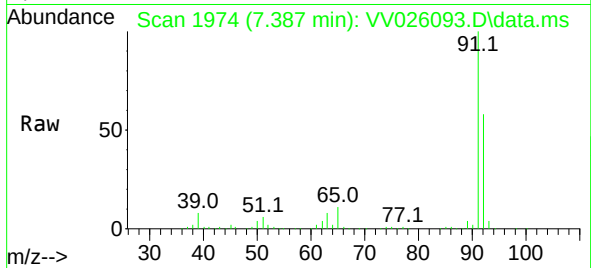




#42
Toluene
Concen: 5.180 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

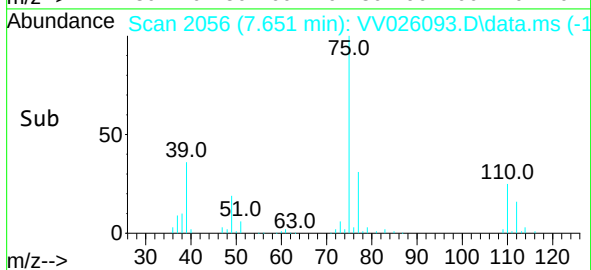
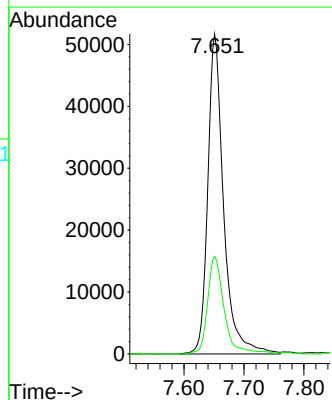
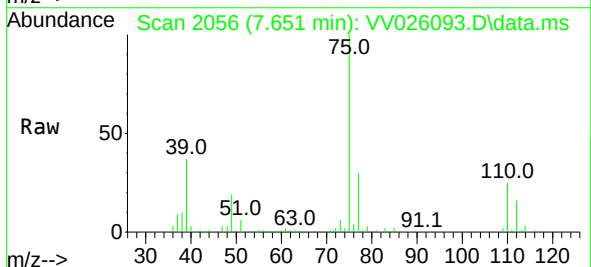
Instrument :
MSVOA_V
ClientSampleId :

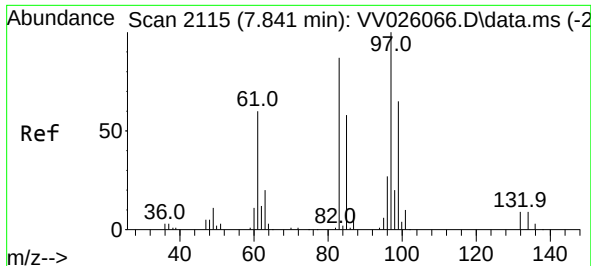
Tgt Ion: 91 Resp: 405364
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 5.411 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion: 75 Resp: 94818
Ion Ratio Lower Upper
75 100
77 30.5 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.165 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 60884

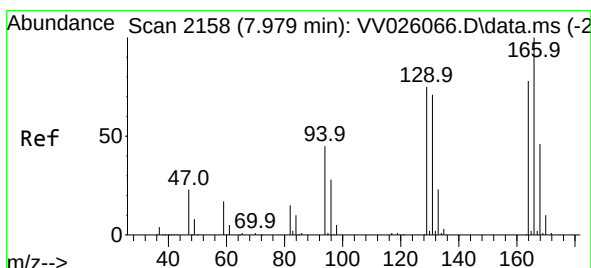
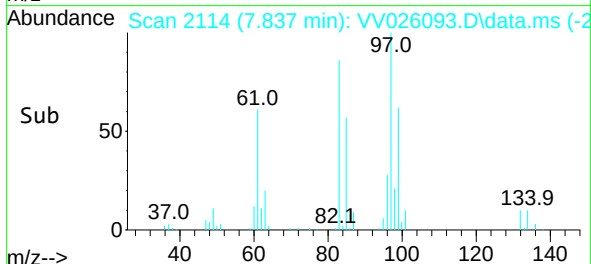
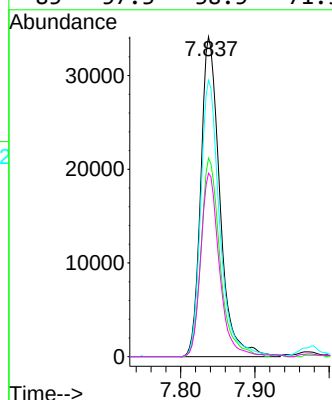
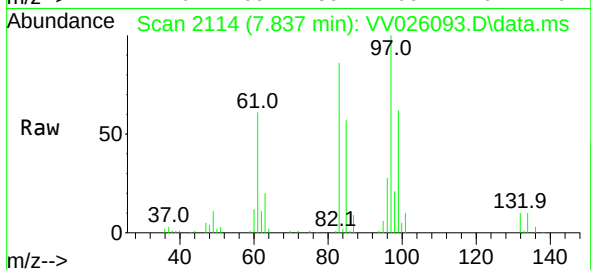
Ion Ratio Lower Upper

97 100

99 62.1 43.5 80.7

83 86.4 59.6 110.8

85 57.3 38.5 71.5



#47

Tetrachloroethene

Concen: 4.810 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Tgt Ion: 164 Resp: 72859

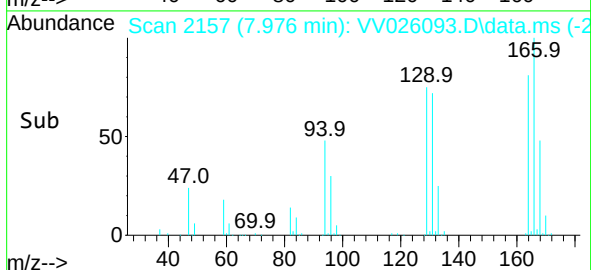
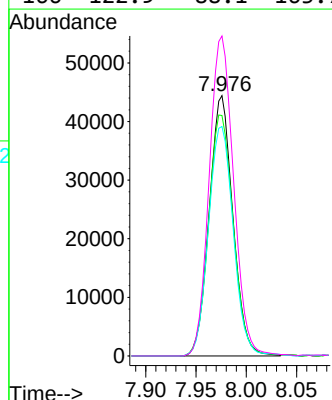
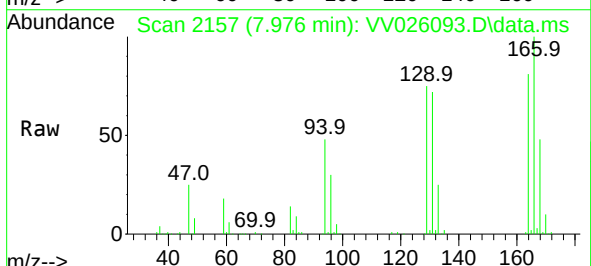
Ion Ratio Lower Upper

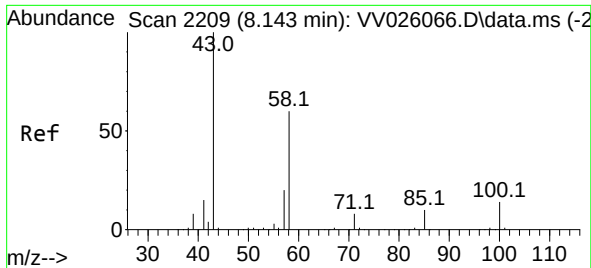
164 100

129 92.4 68.3 126.9

131 88.1 66.5 123.5

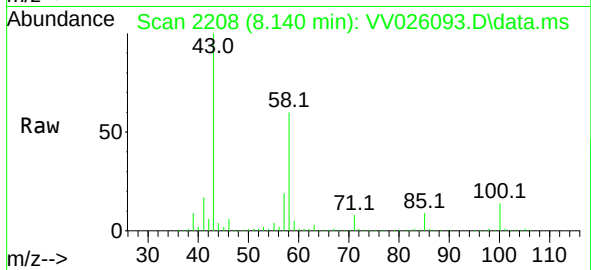
166 122.9 88.1 163.7



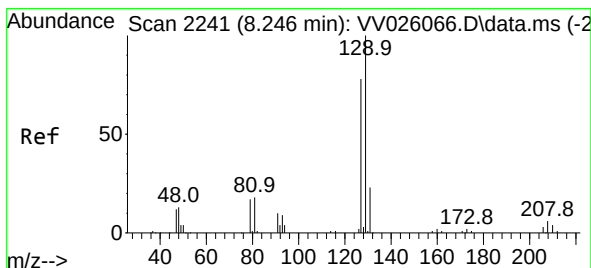
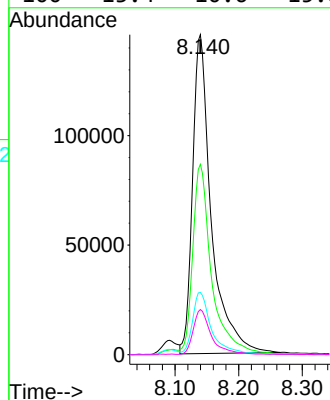
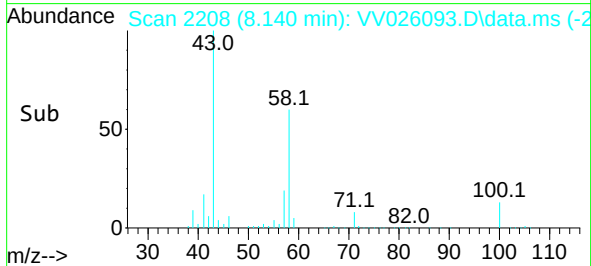


#48
2-Hexanone
Concen: 56.516 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Instrument :
MSVOA_V
ClientSampleId :

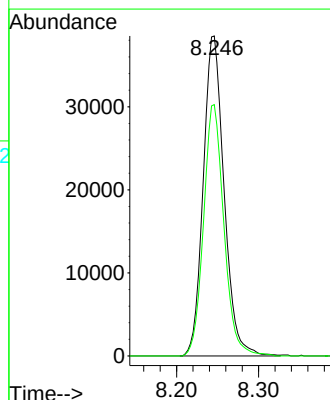
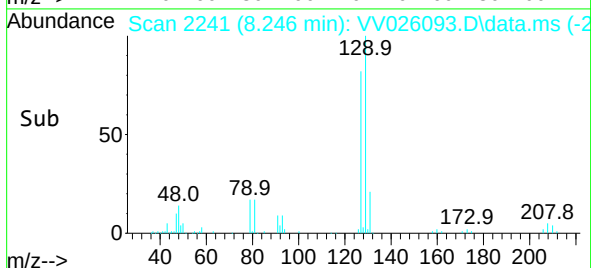
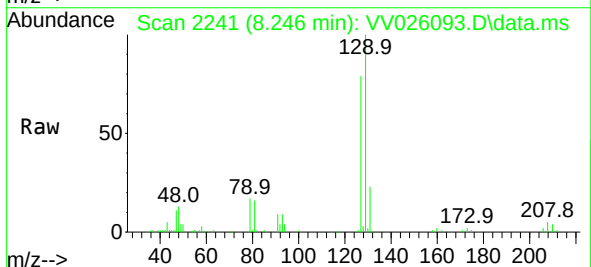


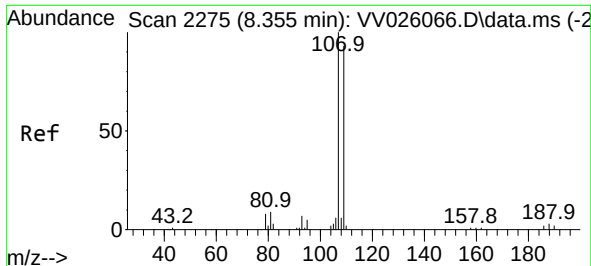
Tgt Ion: 43 Resp: 297458
Ion Ratio Lower Upper
43 100
58 60.0 47.4 71.2
57 20.4 15.5 23.3
100 13.4 10.6 15.8



#49
Dibromochloromethane
Concen: 5.286 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion: 129 Resp: 68018
Ion Ratio Lower Upper
129 100
127 78.6 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.136 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026093.D

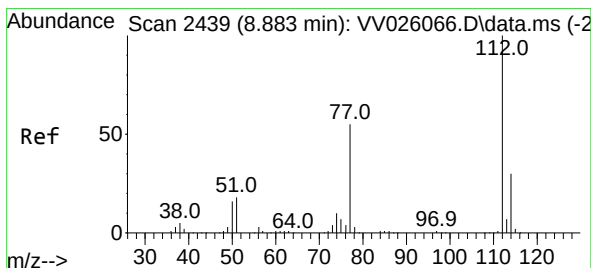
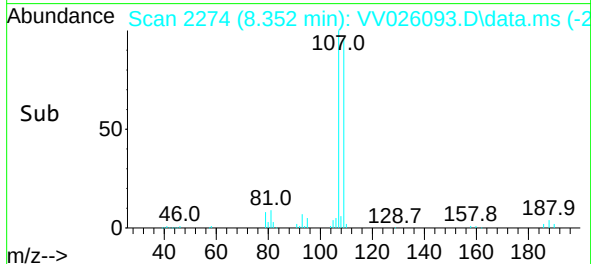
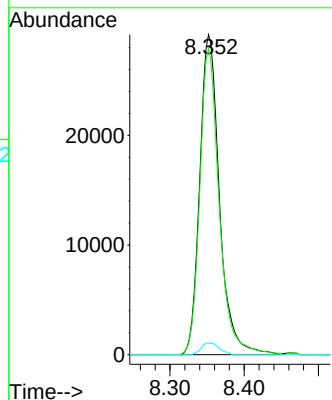
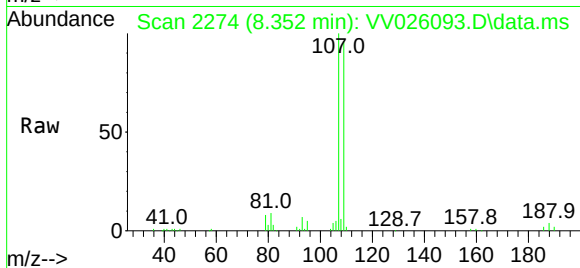
Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	53866
Ion	Ratio	Lower	Upper
107	100		
109	95.5	64.8	120.3
188	3.6	2.7	4.1



#51

Chlorobenzene

Concen: 4.942 ug/L

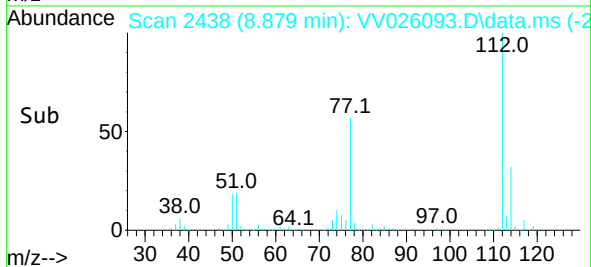
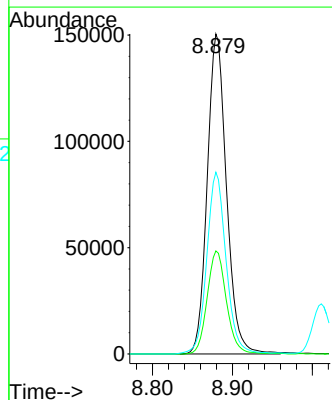
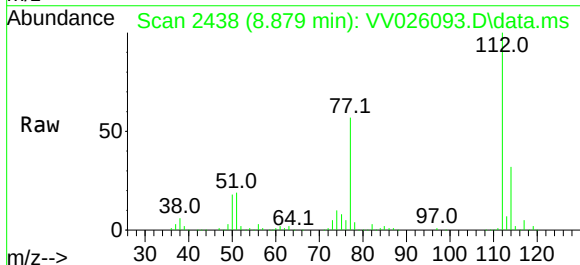
RT: 8.879 min Scan# 2438

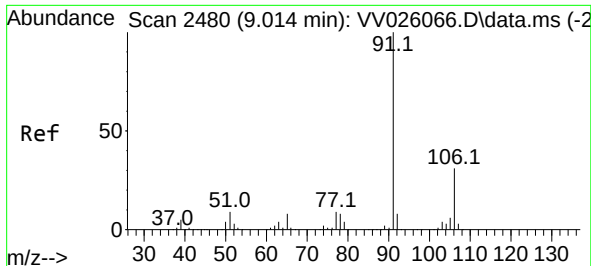
Delta R.T. -0.003 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Tgt Ion:	112	Resp:	251729
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.5
77	56.8	44.6	66.8

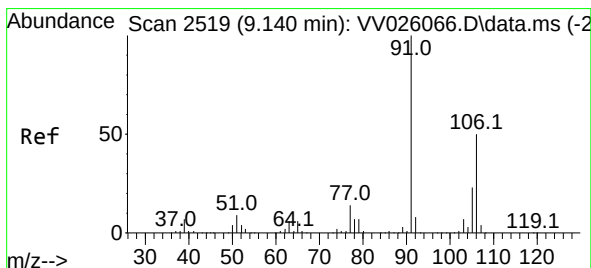
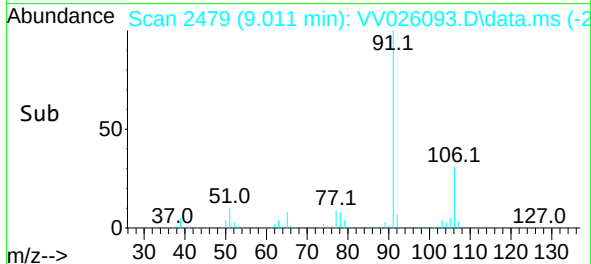
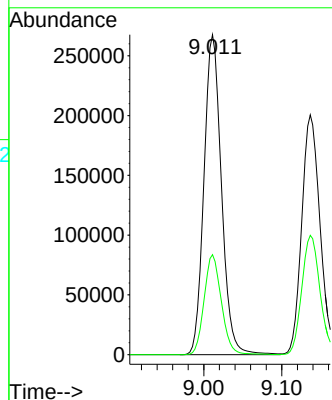
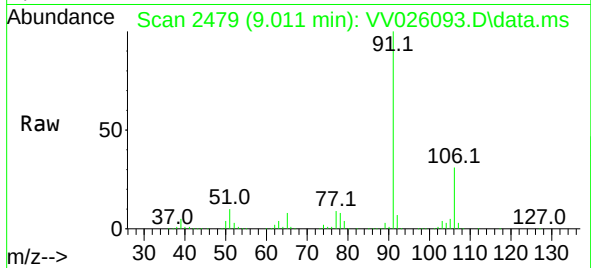




#52
Ethylbenzene
Concen: 5.086 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

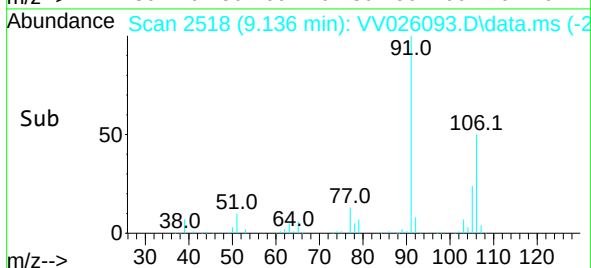
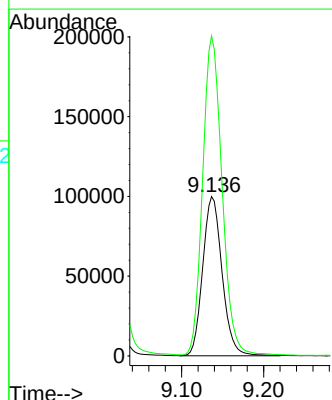
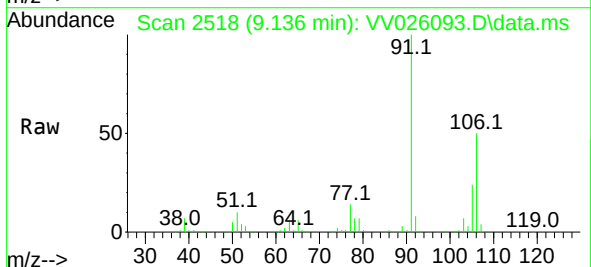
Instrument :
MSVOA_V
ClientSampleId :

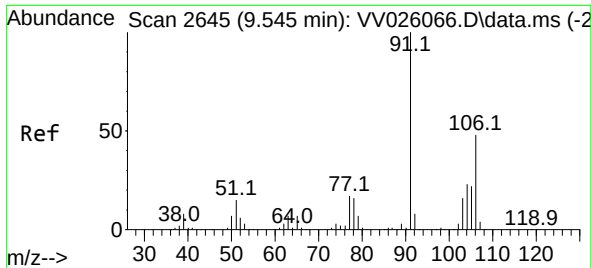
Tgt Ion: 91 Resp: 417132
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6



#53
m,p-Xylene
Concen: 5.155 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion: 106 Resp: 163443
Ion Ratio Lower Upper
106 100
91 200.8 140.4 260.8

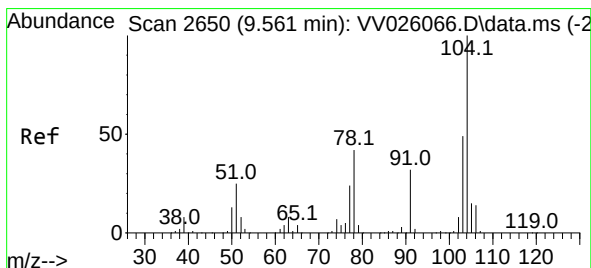
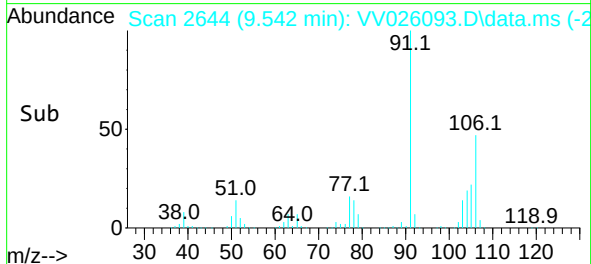
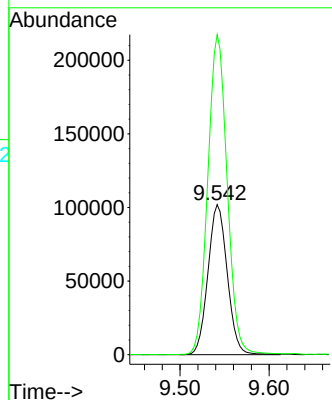
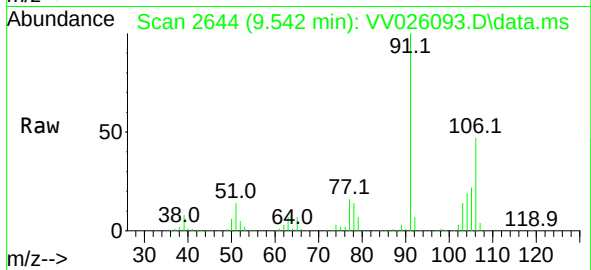




#54
o-Xylene
Concen: 5.087 ug/L
RT: 9.542 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

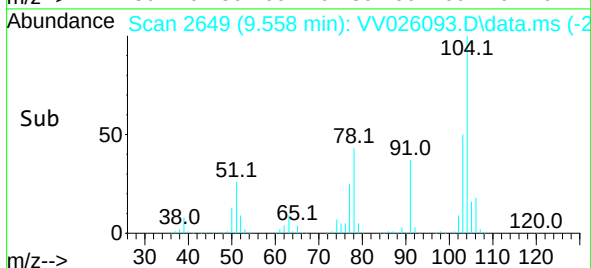
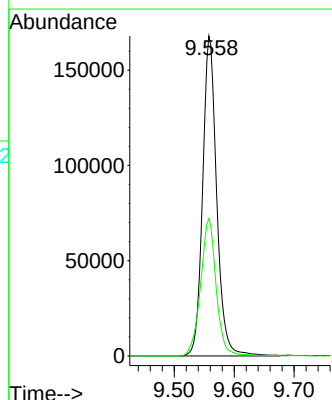
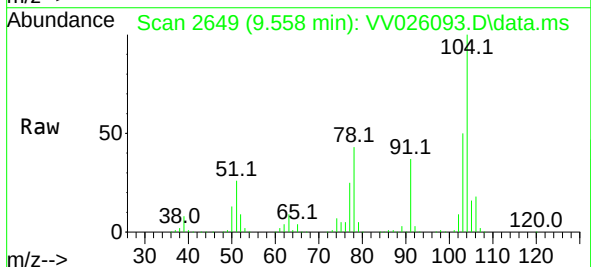
Instrument :
MSVOA_V
ClientSampleId :

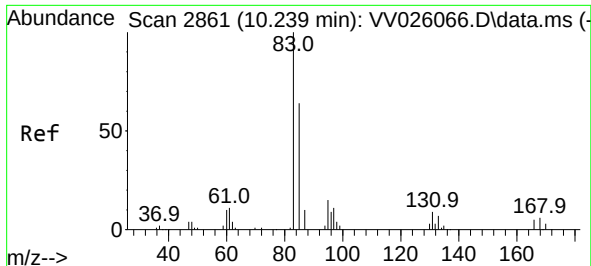
Tgt Ion:106 Resp: 153326
Ion Ratio Lower Upper
106 100
91 213.2 145.4 270.0



#55
Styrene
Concen: 5.437 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion:104 Resp: 274455
Ion Ratio Lower Upper
104 100
78 42.9 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.048 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

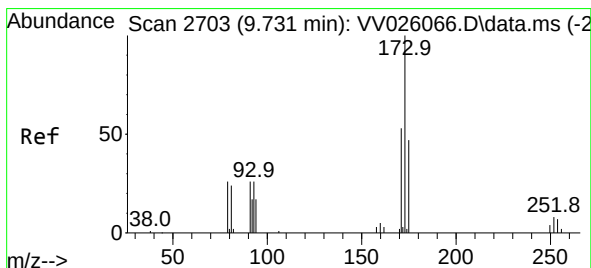
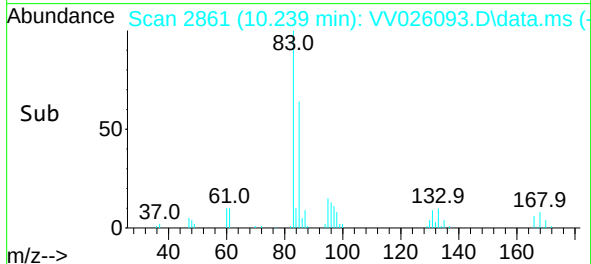
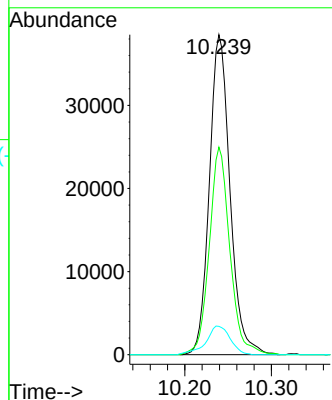
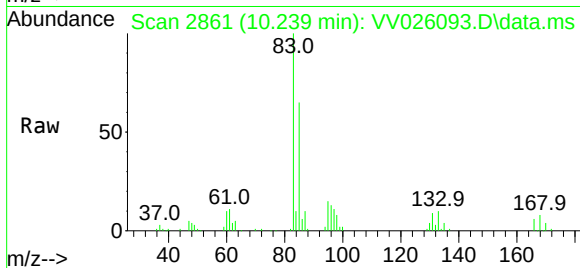
Tgt Ion: 83 Resp: 63702

Ion Ratio Lower Upper

83 100

85 64.9 46.4 86.2

131 8.9 7.1 10.7



#59

Bromoform

Concen: 5.340 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

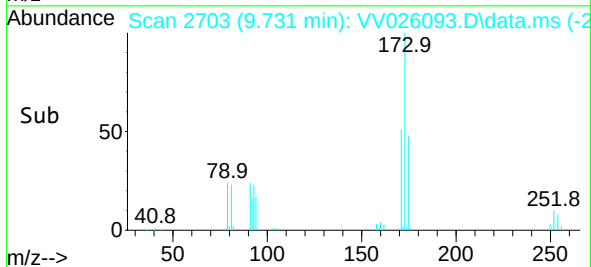
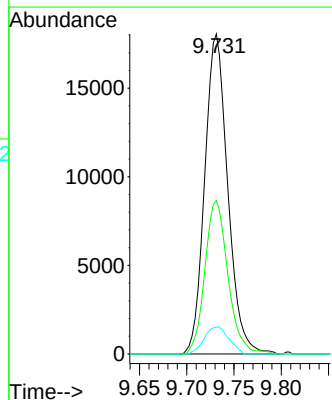
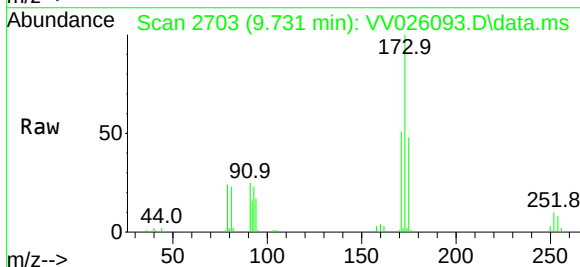
Tgt Ion: 173 Resp: 30554

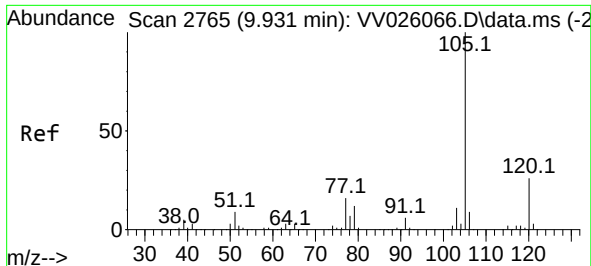
Ion Ratio Lower Upper

173 100

175 48.1 38.8 58.2

254 9.0 6.9 10.3

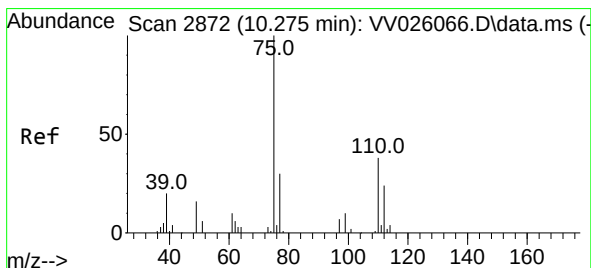
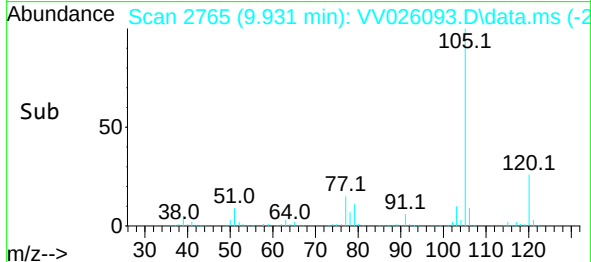
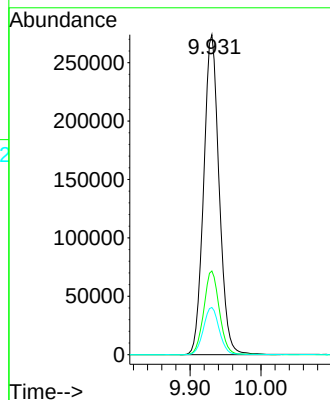
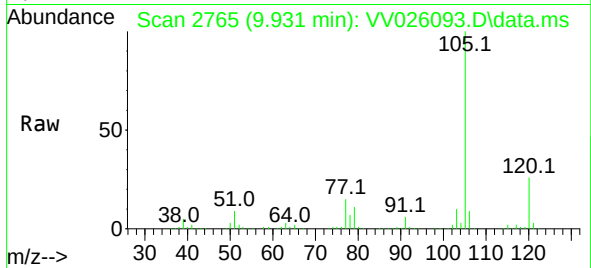




#60
Isopropylbenzene
Concen: 5.121 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

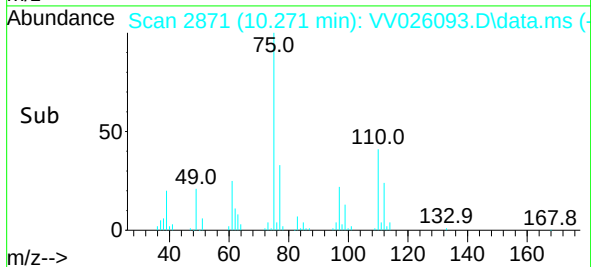
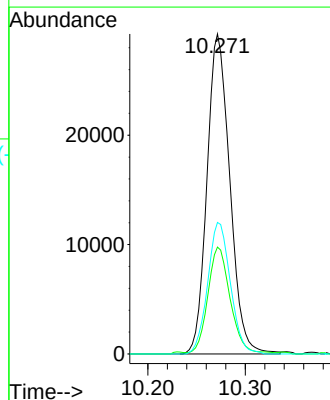
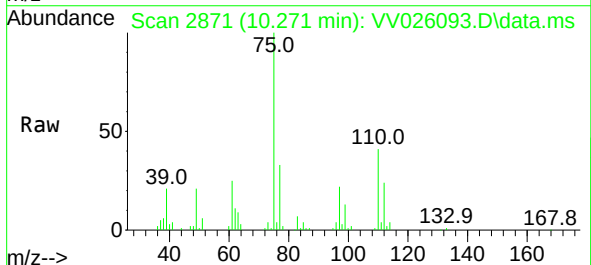
Instrument :
MSVOA_V
ClientSampleId :

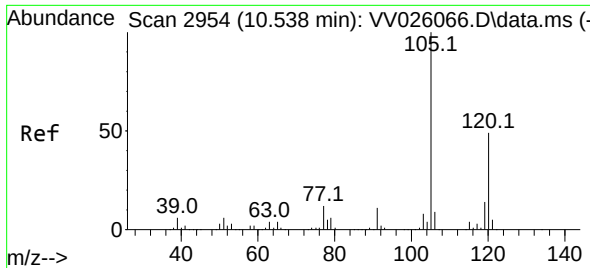
Tgt Ion:105 Resp: 415088
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.1 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.006 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

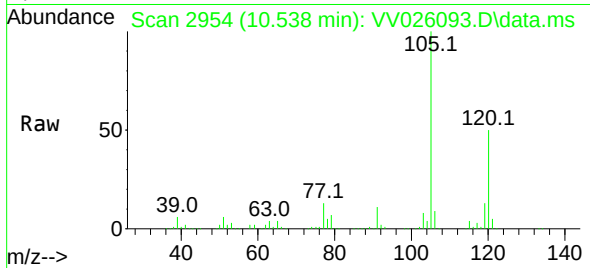
Tgt Ion: 75 Resp: 47663
Ion Ratio Lower Upper
75 100
77 31.7 26.6 40.0
110 40.8 32.0 48.0



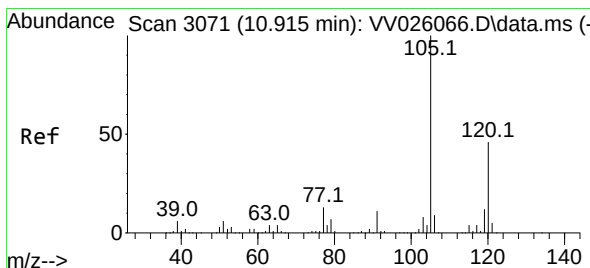
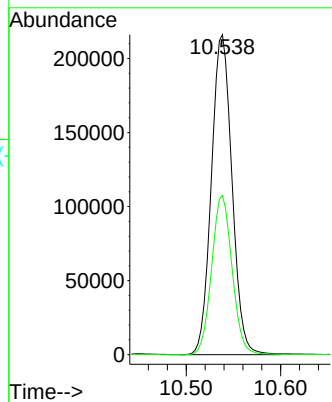
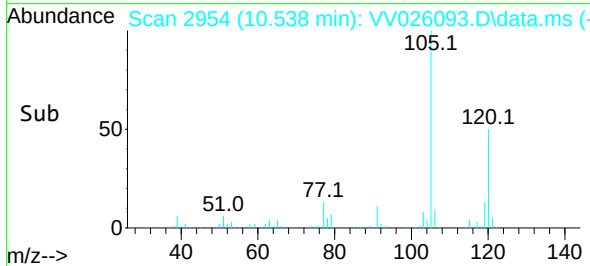


#62
1,3,5-Trimethylbenzene
Concen: 5.099 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

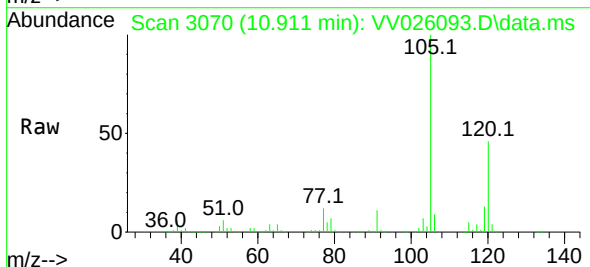
Instrument :
MSVOA_V
ClientSampleId :



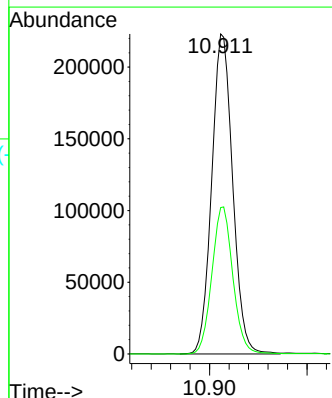
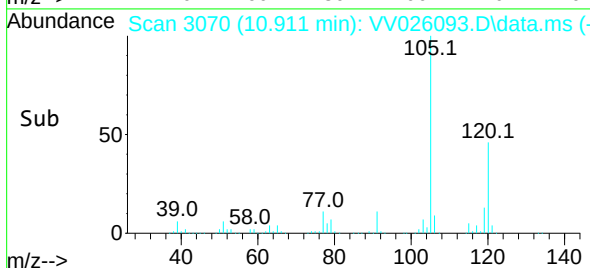
Tgt Ion:105 Resp: 327323
Ion Ratio Lower Upper
105 100
120 49.3 38.8 58.2

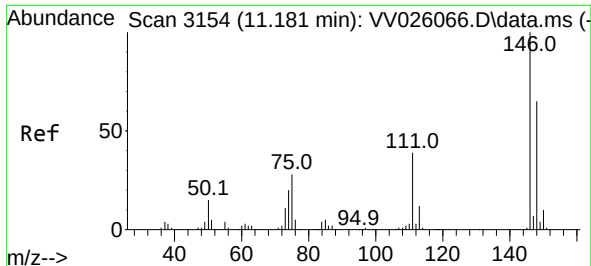


#63
1,2,4-Trimethylbenzene
Concen: 5.211 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33



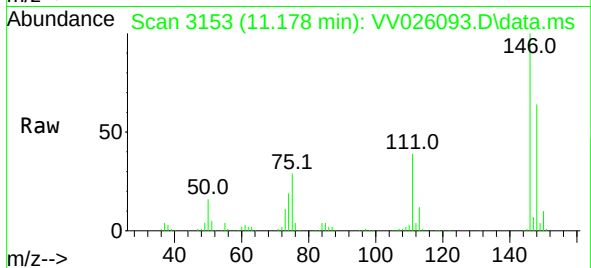
Tgt Ion:105 Resp: 333132
Ion Ratio Lower Upper
105 100
120 46.1 36.7 55.1



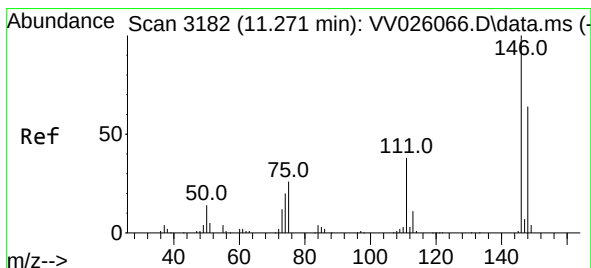
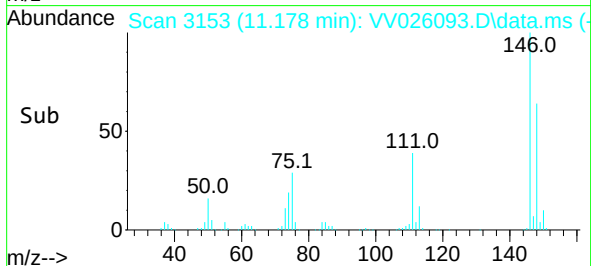
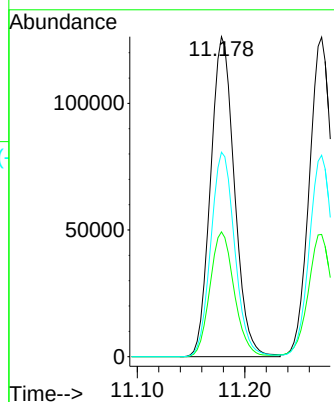


#64
1,3-Dichlorobenzene
Concen: 5.058 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Instrument :
MSVOA_V
ClientSampleId :

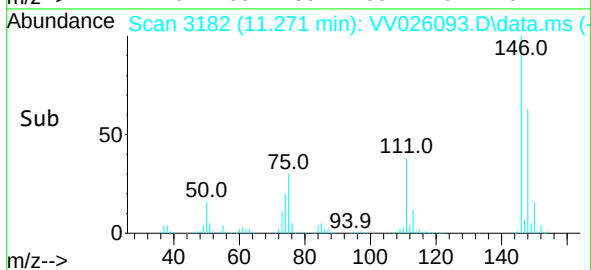
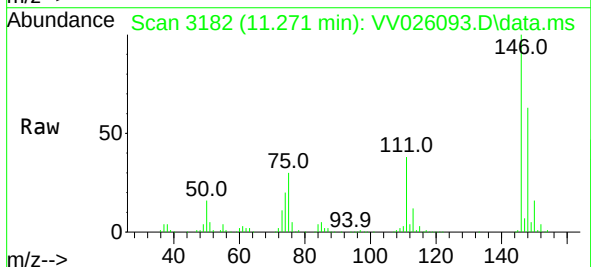
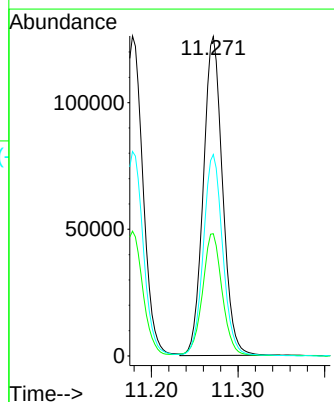


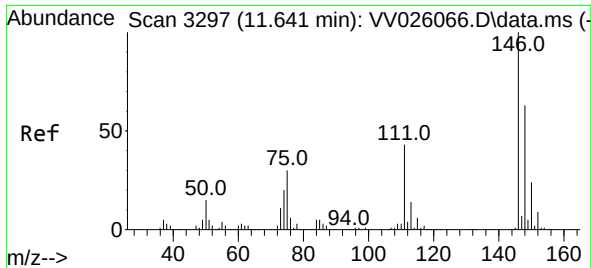
Tgt Ion:146 Resp: 194785
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.9
148 63.9 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.965 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion:146 Resp: 194687
Ion Ratio Lower Upper
146 100
111 38.2 27.1 50.3
148 63.0 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 4.970 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

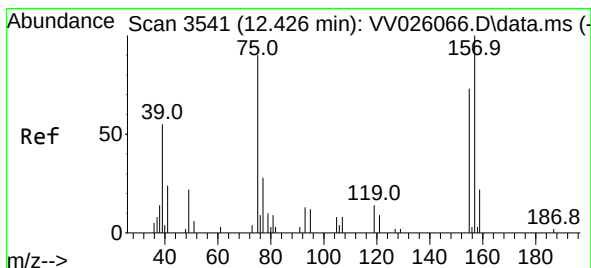
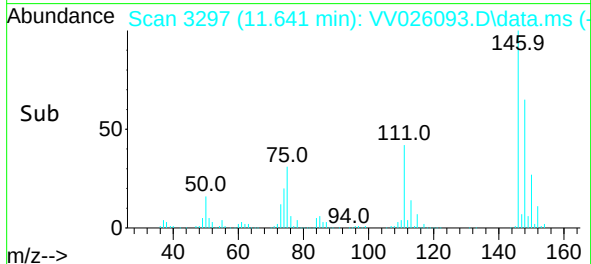
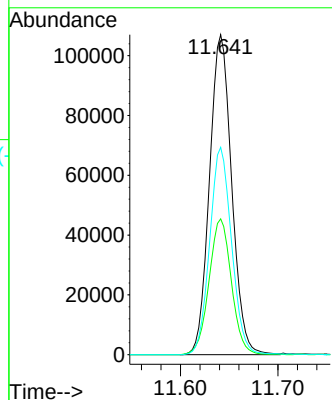
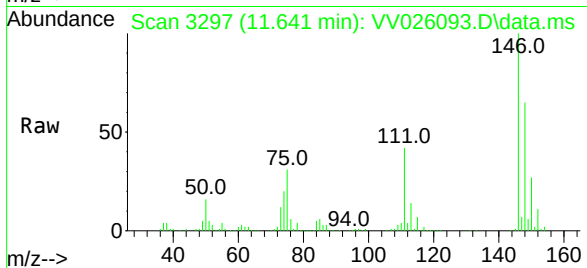
Tgt Ion:146 Resp: 169265

Ion Ratio Lower Upper

146 100

111 42.5 33.9 50.9

148 64.8 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.183 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

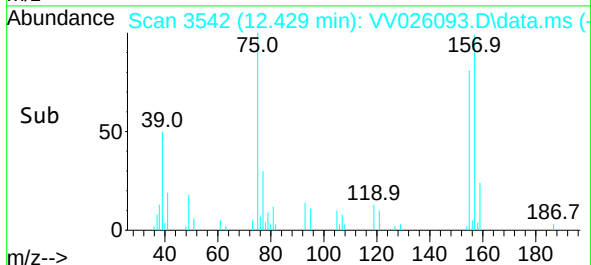
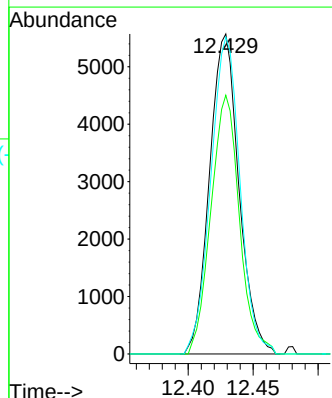
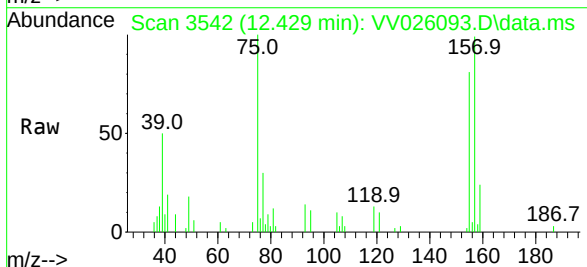
Tgt Ion: 75 Resp: 8769

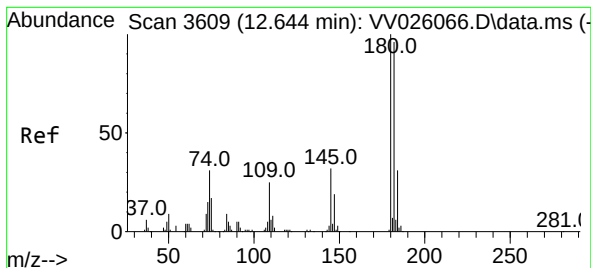
Ion Ratio Lower Upper

75 100

155 80.9 68.0 102.0

157 99.0 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 4.872 ug/L

RT: 12.644 min Scan# 30

Delta R.T. -0.000 min

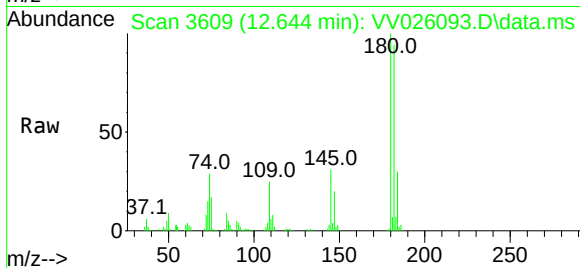
Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 135881

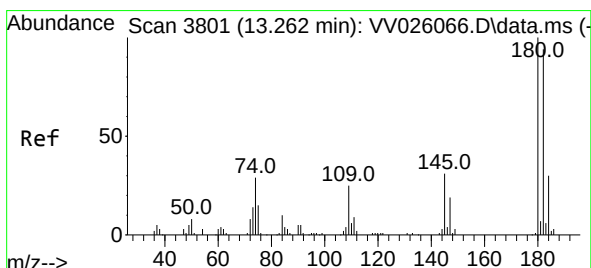
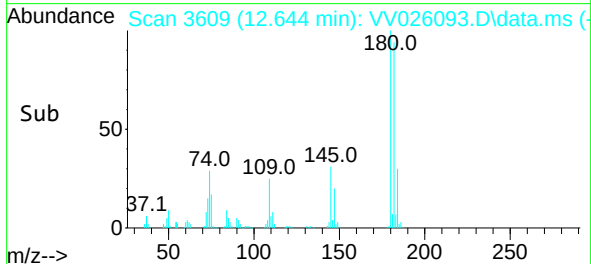
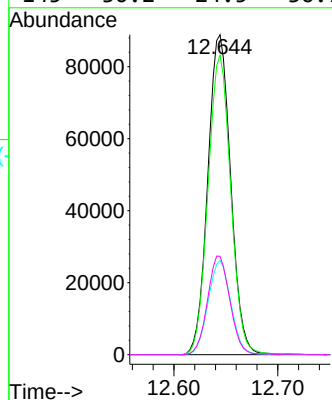
Ion Ratio Lower Upper

180 100

182 93.1 76.3 114.5

184 29.3 24.0 36.0

145 30.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.851 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.003 min

Lab File: VV026093.D

Acq: 10 Jun 2022 14:33

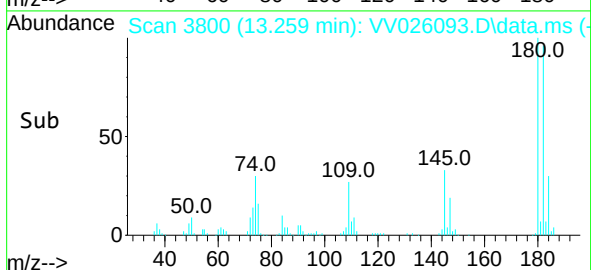
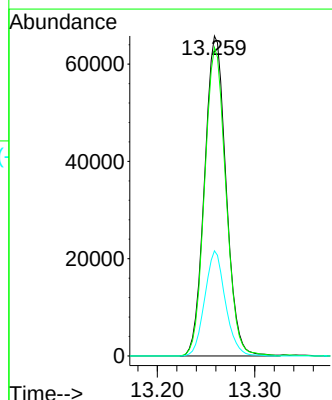
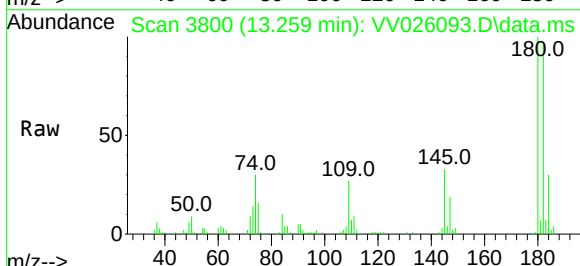
Tgt Ion:180 Resp: 100844

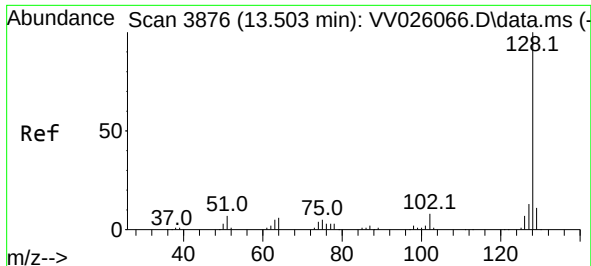
Ion Ratio Lower Upper

180 100

182 95.4 74.2 111.4

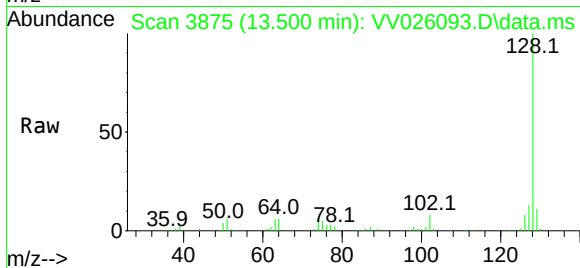
145 31.5 24.1 36.1



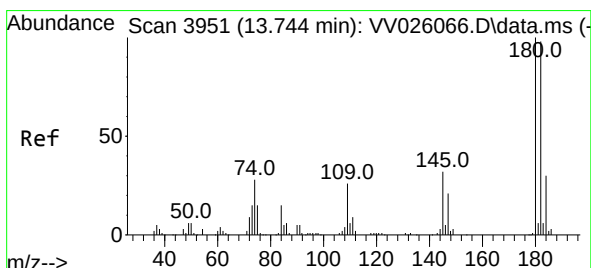
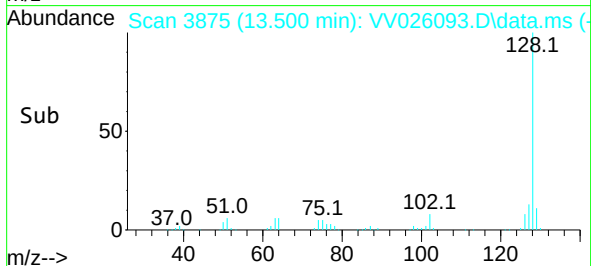
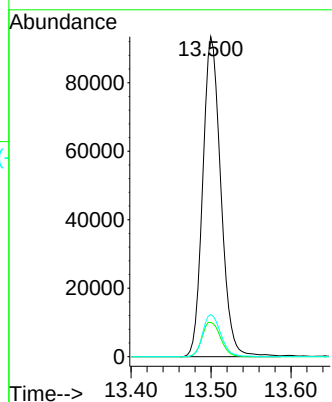


#71
Naphthalene
Concen: 4.991 ug/L
RT: 13.500 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 147425
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.982 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV026093.D
Acq: 10 Jun 2022 14:33

Tgt Ion:180 Resp: 87657
Ion Ratio Lower Upper
180 100
182 96.3 74.0 111.0
145 33.7 25.5 38.3

