

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024853.D
 Acq On : 02 Mar 2022 13:40
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV206

Quant Time: Mar 03 02:58:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 02:51:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	347203	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	322329	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	160308	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	178467	28.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.920%	
7) Chloroethane-d5	1.564	69	128654	28.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.280%	
11) 1,1-Dichloroethene-d2	2.105	63	263819	26.793	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.160%	
21) 2-Butanone-d5	3.892	46	77198	42.369	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 84.740%	
24) Chloroform-d	4.339	84	274611	28.249	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.000%	
26) 1,2-Dichloroethane-d4	5.024	65	139163	27.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.080%	
32) Benzene-d6	5.040	84	581619	29.161	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 116.640%	
36) 1,2-Dichloropropane-d6	6.063	67	172016	29.021	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 116.080%	
41) Toluene-d8	7.310	98	529374	29.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 117.560%	
43) trans-1,3-Dichloroprop...	7.616	79	74625	29.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 117.280%	
47) 2-Hexanone-d5	8.085	63	58255	42.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 85.780%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	128854	24.634	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.520%	
66) 1,2-Dichlorobenzene-d4	11.622	152	173439	28.054	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 112.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	112385	20.030	ug/L	100
3) Chloromethane	1.240	50	110579	20.518	ug/L	99
5) Vinyl chloride	1.307	62	118022	20.600	ug/L	98
6) Bromomethane	1.519	94	75025	21.386	ug/L	99
8) Chloroethane	1.581	64	70495	20.305	ug/L	97
9) Trichlorofluoromethane	1.748	101	156119	20.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	95600	20.963	ug/L	100
12) 1,1-Dichloroethene	2.114	96	88497	20.785	ug/L	86
13) Acetone	2.185	43	36963	29.340	ug/L	93
14) Carbon disulfide	2.288	76	311395	20.947	ug/L	99
15) Methyl Acetate	2.433	43	46431	17.079	ug/L	95
16) Methylene chloride	2.500	84	108385	20.894	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	103809	21.576	ug/L	95
18) Methyl tert-butyl Ether	2.761	73	245464	21.521	ug/L	100
19) 1,1-Dichloroethane	3.182	63	177128	21.232	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	110028	21.984	ug/L	96
22) 2-Butanone	3.982	43	50424	31.507	ug/L	76
23) Bromochloromethane	4.240	128	50426	22.346	ug/L	94
25) Chloroform	4.365	83	184245	21.815	ug/L	99

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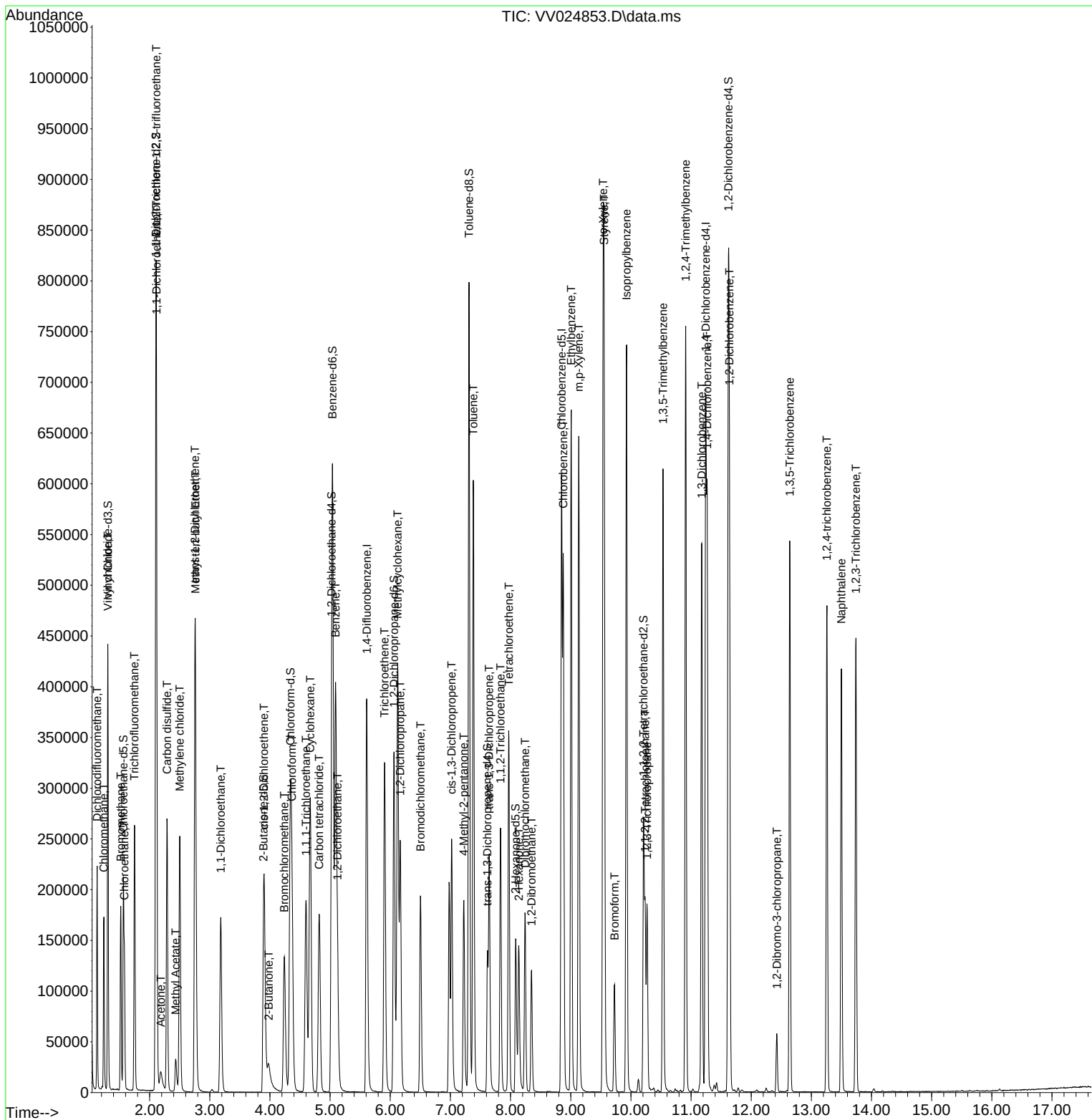
Instrument :
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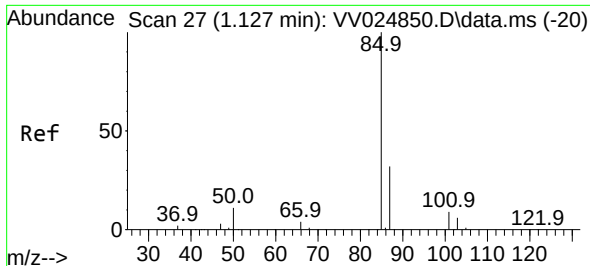
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 02:51:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	116762	22.074	ug/L	99
29) Cyclohexane	4.670	56	167932	21.406	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	156922	21.421	ug/L	100
31) Carbon tetrachloride	4.818	117	134435	21.292	ug/L	99
33) Benzene	5.092	78	413864	22.247	ug/L	100
34) Trichloroethene	5.905	95	115299	21.497	ug/L	98
35) Methylcyclohexane	6.124	83	191434	21.704	ug/L	99
37) 1,2-Dichloropropane	6.166	63	102294	22.848	ug/L	99
38) Bromodichloromethane	6.503	83	131897	22.670	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	157740	23.627	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	125309	36.648	ug/L	99
42) Toluene	7.381	91	448706	22.940	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	139619	23.601	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	82930	21.624	ug/L	99
46) Tetrachloroethene	7.969	164	75111	21.595	ug/L	99
48) 2-Hexanone	8.137	43	89237	37.439	ug/L	97
49) Dibromochloromethane	8.239	129	92221	22.906	ug/L	100
50) 1,2-Dibromoethane	8.349	107	82307	21.606	ug/L	100
51) Chlorobenzene	8.876	112	279463	22.258	ug/L	100
52) Ethylbenzene	9.008	91	476977	22.407	ug/L	99
53) m,p-Xylene	9.133	106	184102	22.651	ug/L	98
54) o-Xylene	9.538	106	177317	23.279	ug/L	100
55) Styrene	9.554	104	307629	23.660	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	89568	20.446	ug/L	97
59) Bromoform	9.728	173	46694	21.697	ug/L	100
60) Isopropylbenzene	9.927	105	477626	22.645	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	74900	19.115	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	329695	20.867	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	409134	23.447	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	214894	22.572	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	216527	22.417	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	200425	22.779	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	14114	17.543	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	153050	22.622	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	135163	22.940	ug/L	100
71) Naphthalene	13.500	128	317396	21.813	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	122991	22.599	ug/L	99

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

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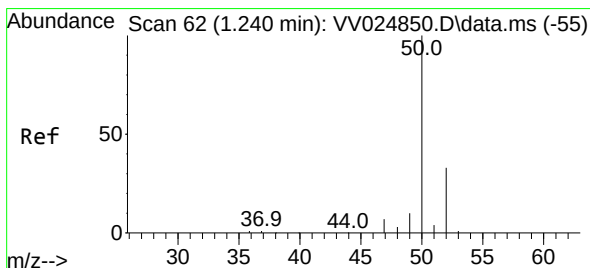
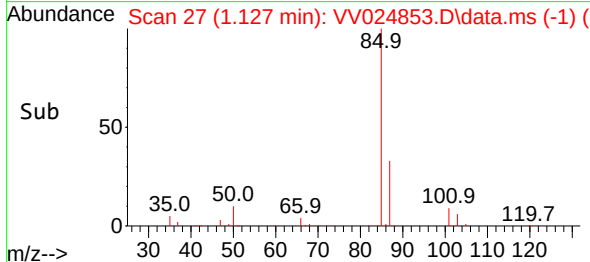
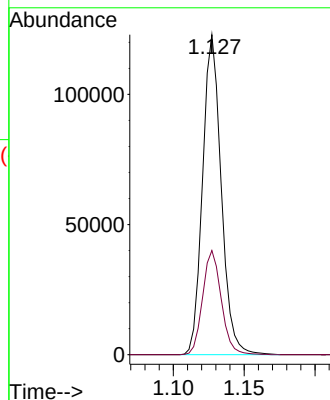
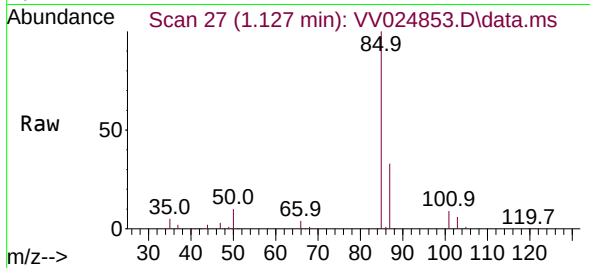




#2
 Dichlorodifluoromethane
 Concen: 20.030 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024853.D
 Acq: 02 Mar 2022 13:40

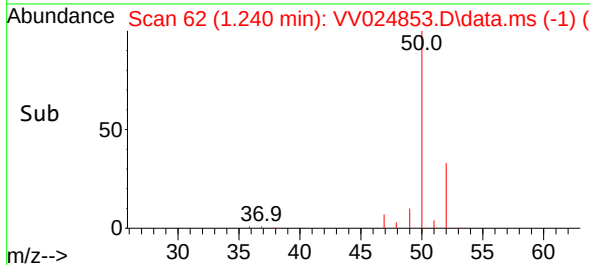
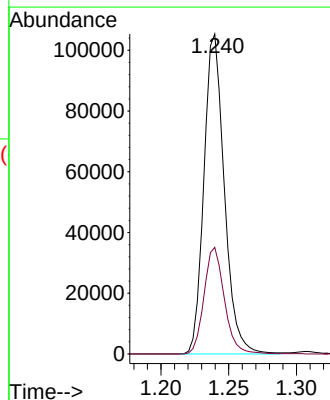
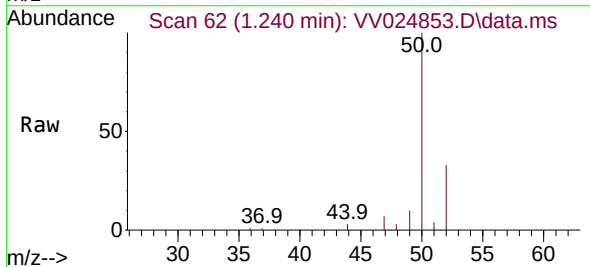
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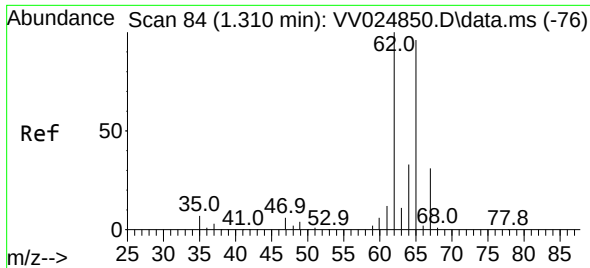
Tgt Ion: 85 Resp: 112385
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 20.518 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024853.D
 Acq: 02 Mar 2022 13:40

Tgt Ion: 50 Resp: 110579
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.9 42.5

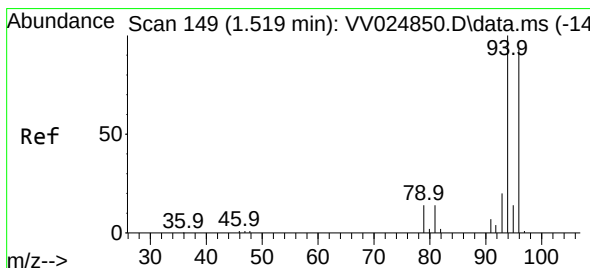
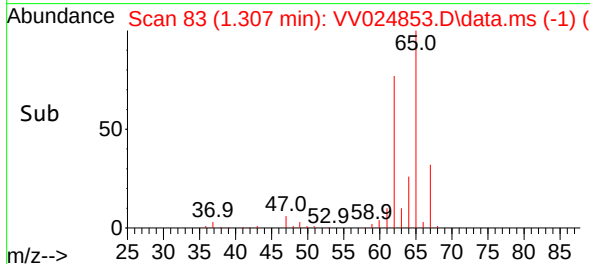
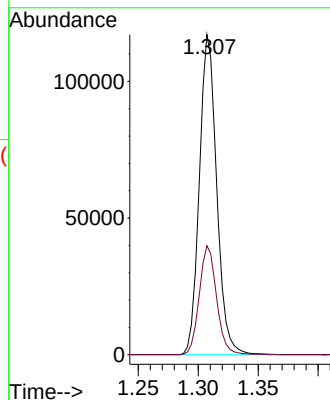
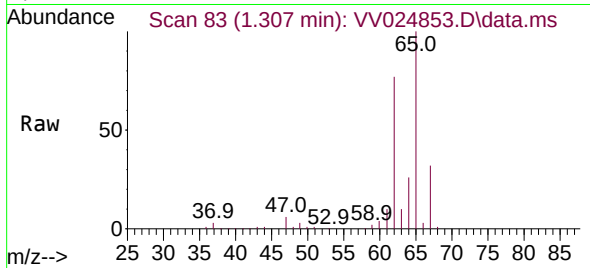




#5
 Vinyl chloride
 Concen: 20.600 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024853.D
 Acq: 02 Mar 2022 13:40

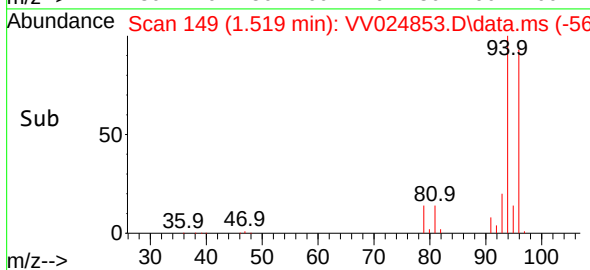
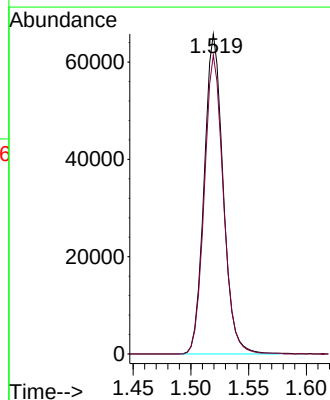
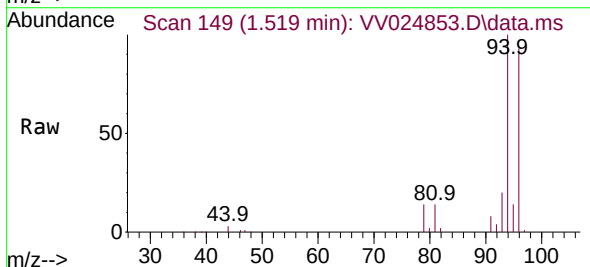
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 ClientSampleId :
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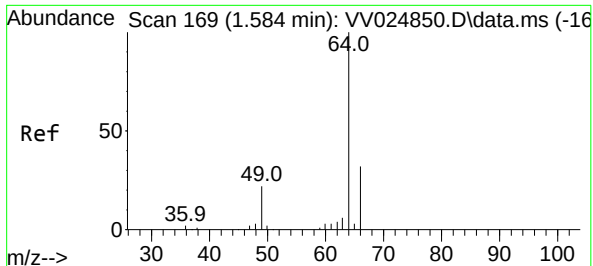
Tgt Ion: 62 Resp: 118022
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.0 42.8



#6
 Bromomethane
 Concen: 21.386 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV024853.D
 Acq: 02 Mar 2022 13:40

Tgt Ion: 94 Resp: 75025
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.9 120.5

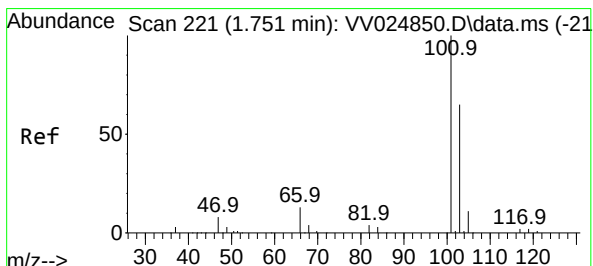
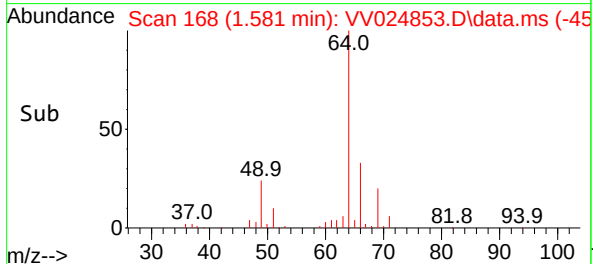
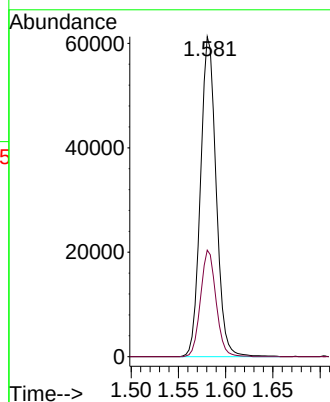
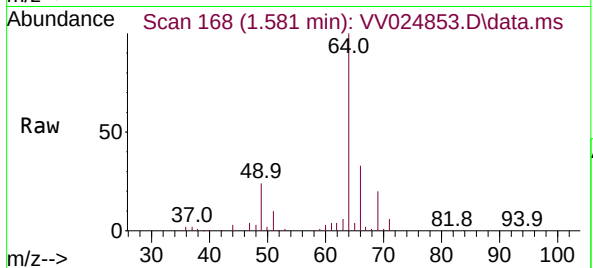




#8
Chloroethane
Concen: 20.305 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

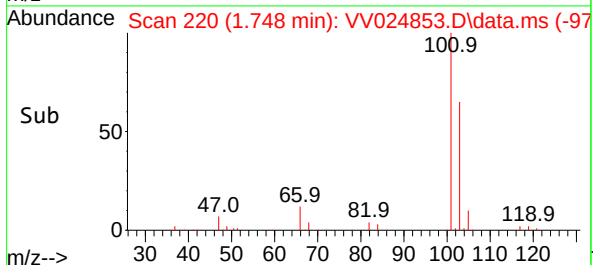
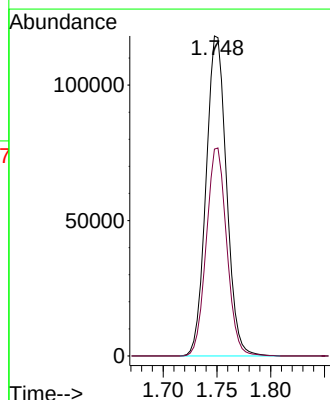
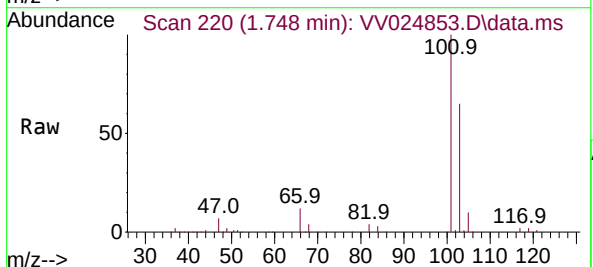
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ClientSampleId :
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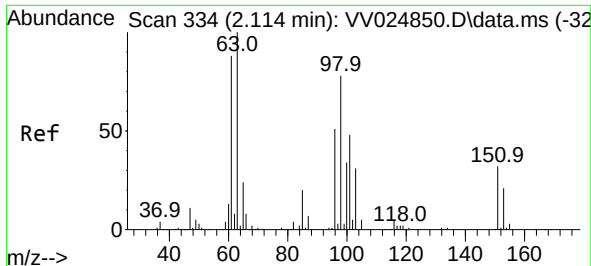
Tgt Ion: 64 Resp: 70495
Ion Ratio Lower Upper
64 100
66 33.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 20.610 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion:101 Resp: 156119
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

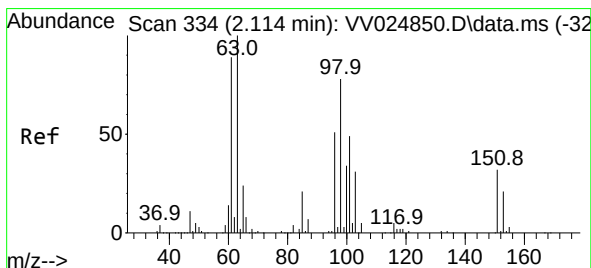
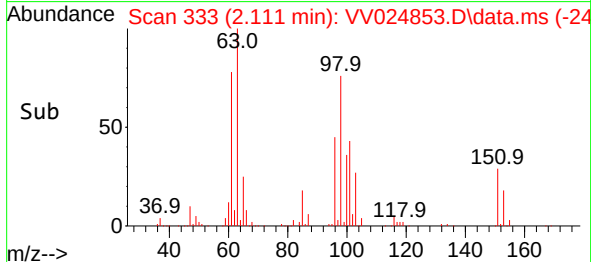
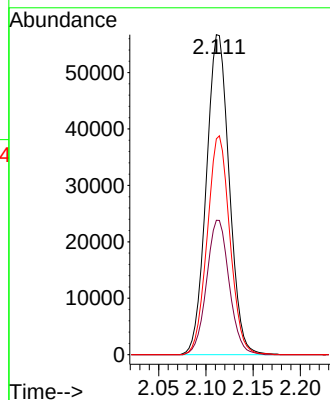
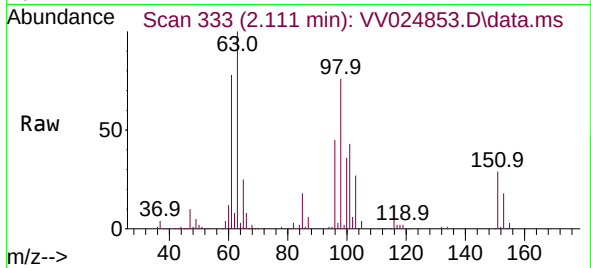




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.963 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV024853.D
 Acq: 02 Mar 2022 13:40

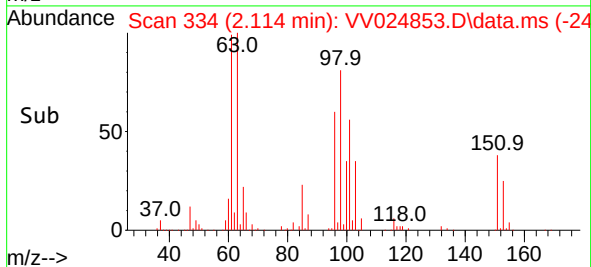
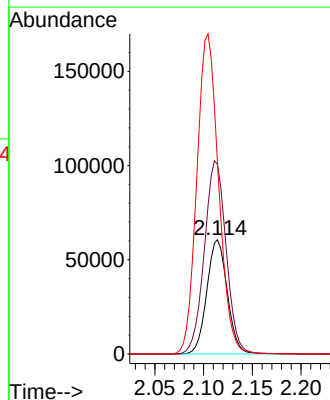
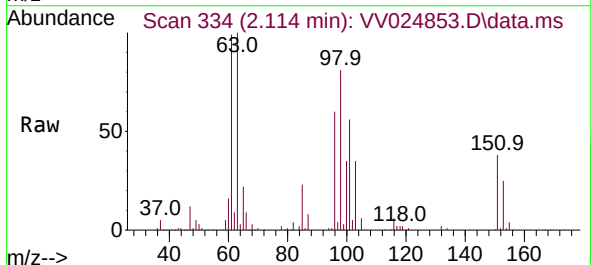
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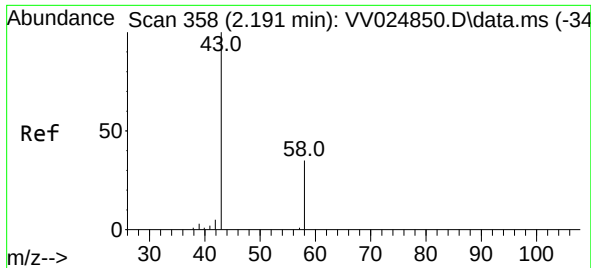
Tgt Ion:101 Resp: 95600
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.8 50.6
 151 67.6 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 20.785 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV024853.D
 Acq: 02 Mar 2022 13:40

Tgt Ion: 96 Resp: 88497
 Ion Ratio Lower Upper
 96 100
 61 165.7 122.1 226.7
 63 167.1 139.5 259.1





#13

Acetone

Concen: 29.340 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

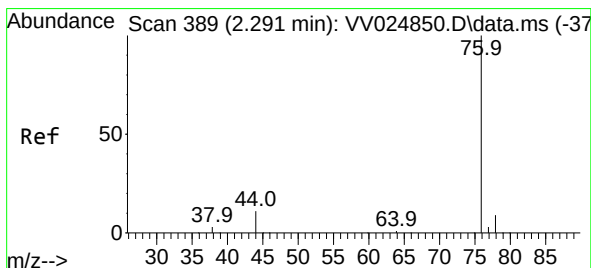
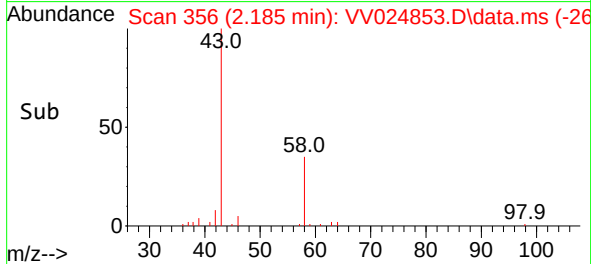
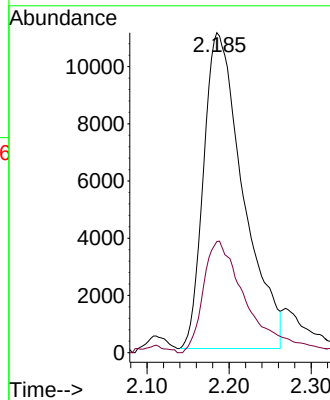
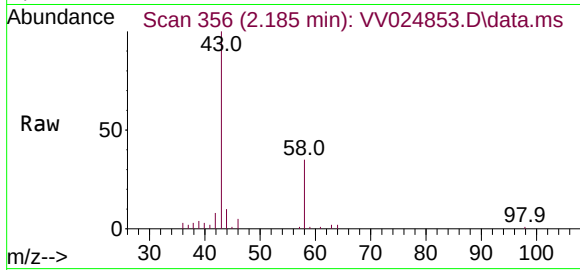
VICV206

Tgt Ion: 43 Resp: 36963

Ion Ratio Lower Upper

43 100

58 39.0 0.0 70.0



#14

Carbon disulfide

Concen: 20.947 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV024853.D

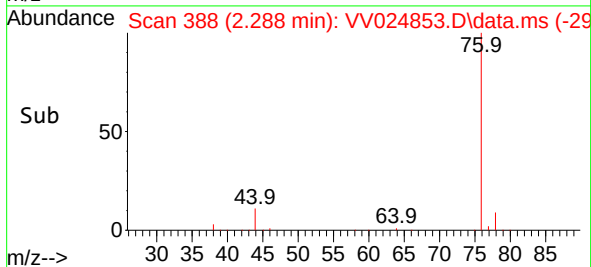
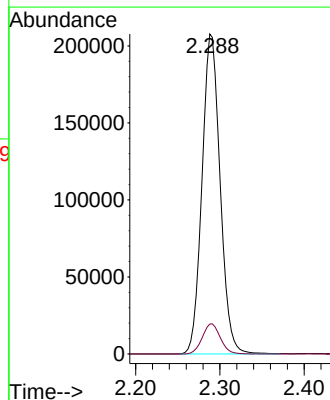
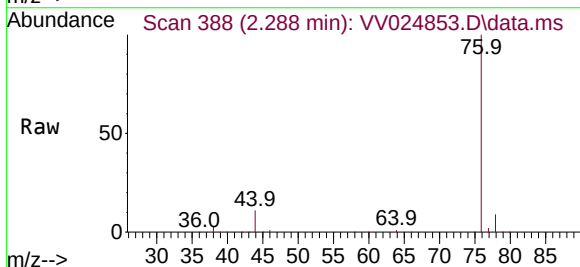
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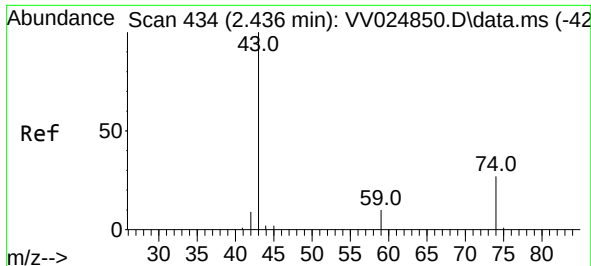
Tgt Ion: 76 Resp: 311395

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8





#15

Methyl Acetate

Concen: 17.079 ug/L

RT: 2.433 min Scan# 41

Delta R.T. -0.003 min

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Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

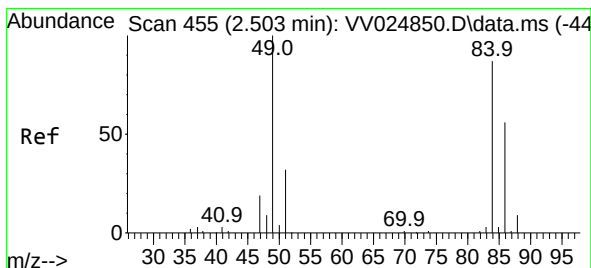
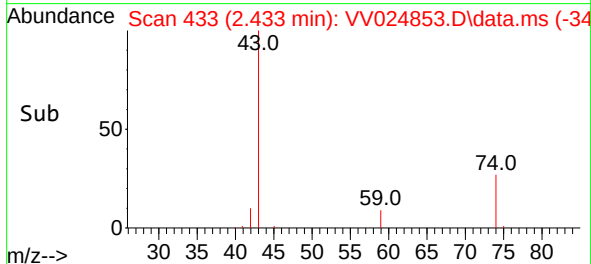
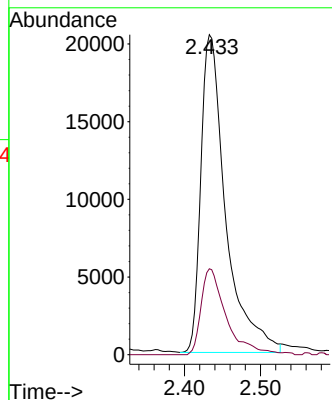
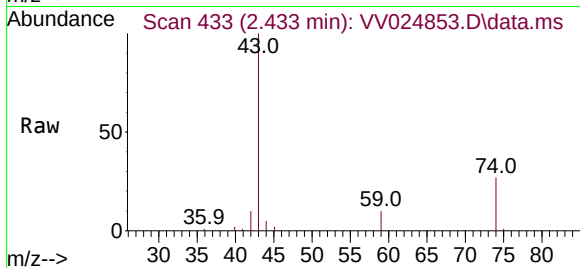
VICV206

Tgt Ion: 43 Resp: 46431

Ion Ratio Lower Upper

43 100

74 24.6 21.7 32.5



#16

Methylene chloride

Concen: 20.894 ug/L

RT: 2.500 min Scan# 454

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

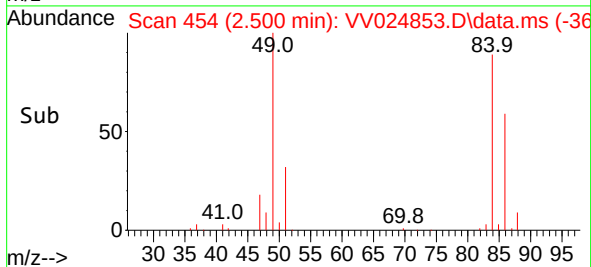
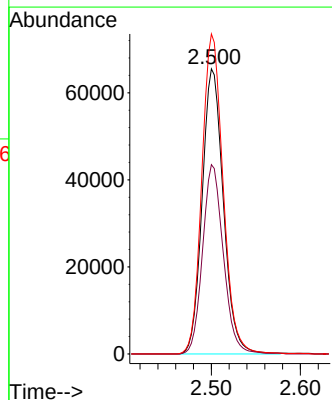
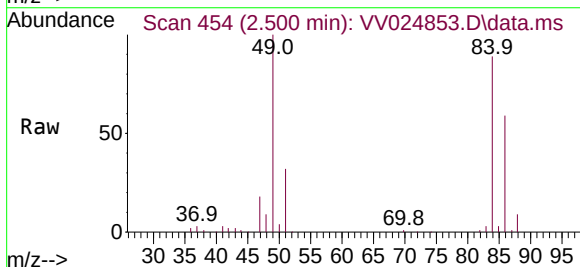
Tgt Ion: 84 Resp: 108385

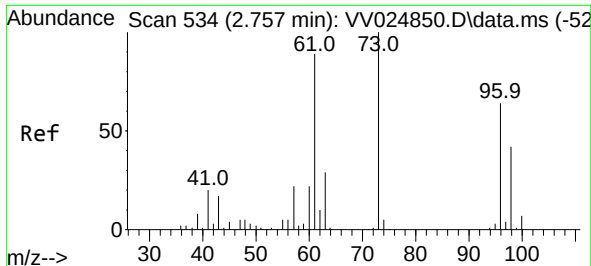
Ion Ratio Lower Upper

84 100

86 66.4 45.0 83.6

49 112.2 80.4 149.2

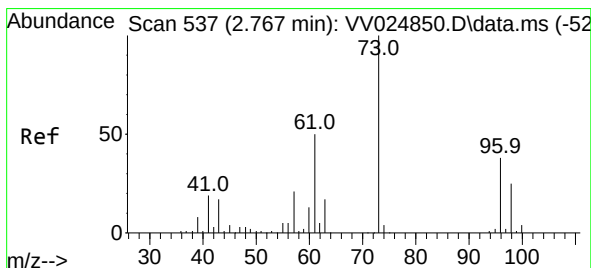
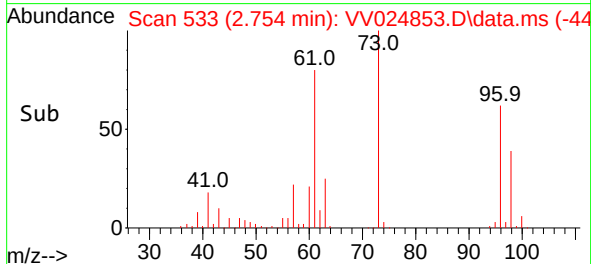
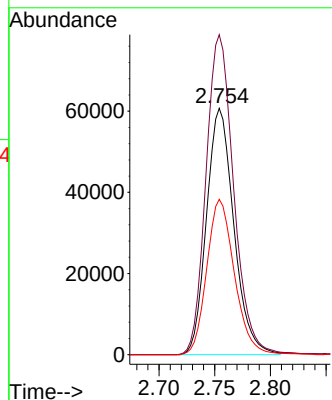
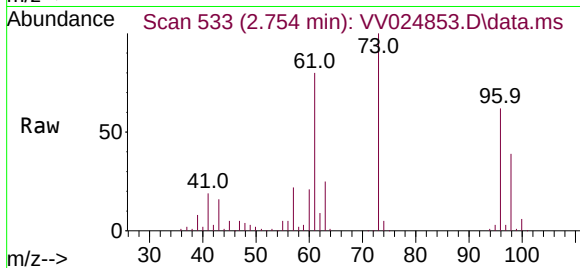




#17
trans-1,2-Dichloroethene
Concen: 21.576 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

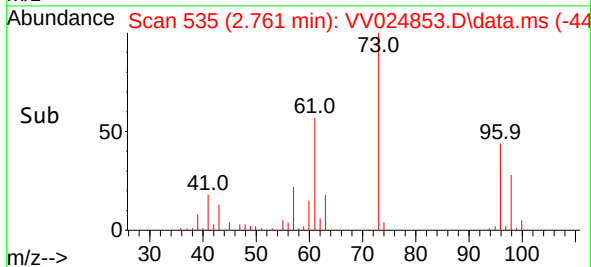
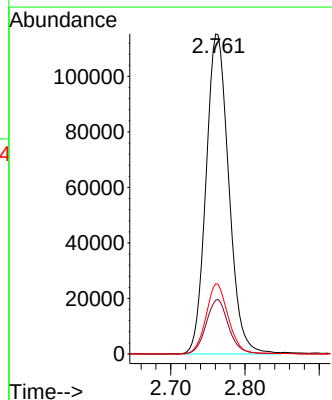
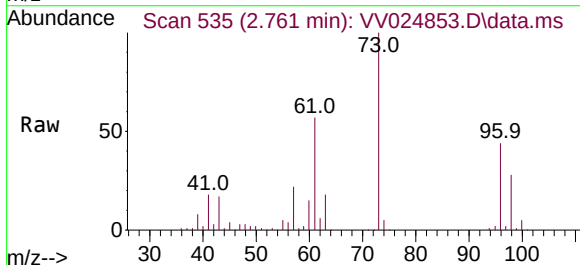
Instrument :
MSVOA_V
ClientSampleId :
VICV206

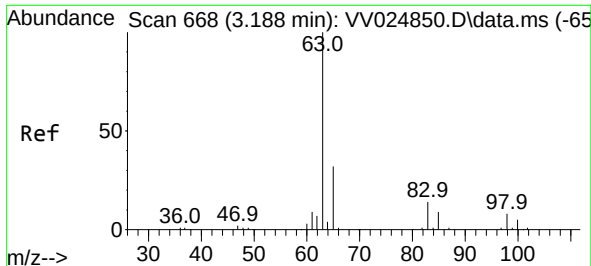
Tgt Ion: 96 Resp: 103809
Ion Ratio Lower Upper
96 100
61 129.9 96.4 179.0
98 63.0 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 21.521 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.006 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 73 Resp: 245464
Ion Ratio Lower Upper
73 100
43 16.8 13.6 20.4
57 21.4 17.0 25.6





#19

1,1-Dichloroethane

Concen: 21.232 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

VICV206

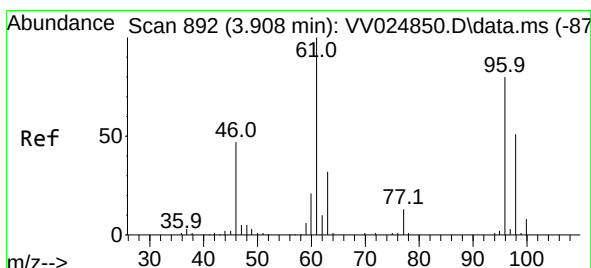
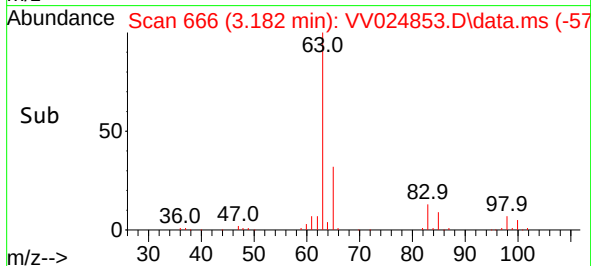
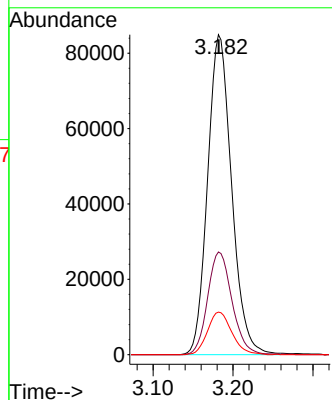
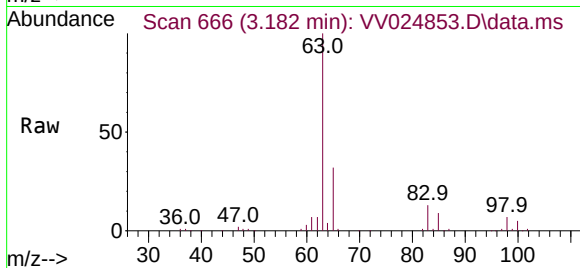
Tgt Ion: 63 Resp: 177128

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.3

83 13.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 21.984 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

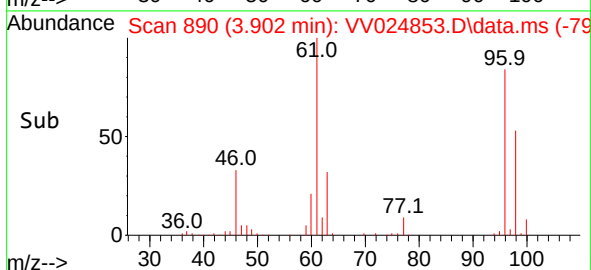
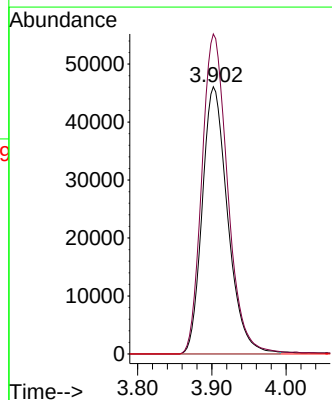
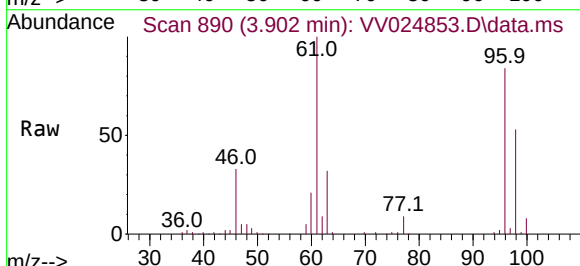
Tgt Ion: 96 Resp: 110028

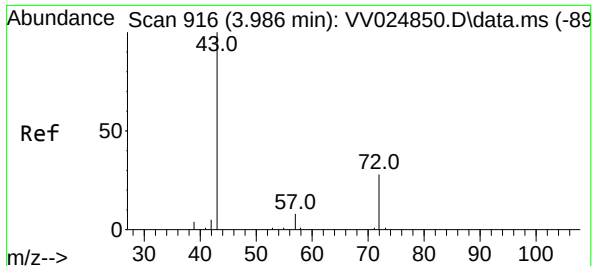
Ion Ratio Lower Upper

96 100

61 119.8 87.4 162.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 31.507 ug/L

RT: 3.982 min Scan# 916

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

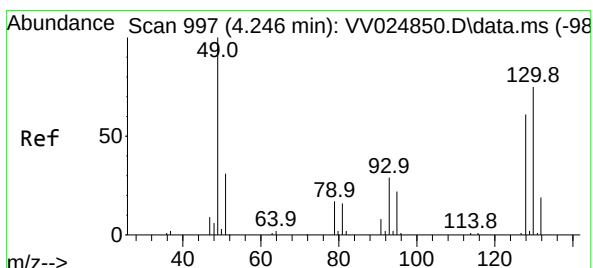
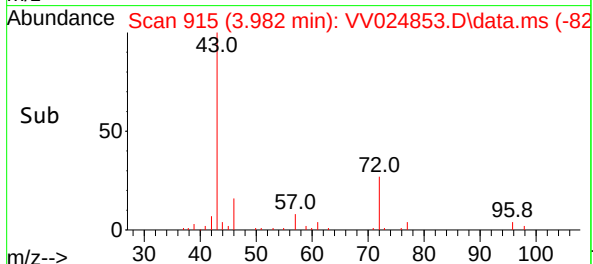
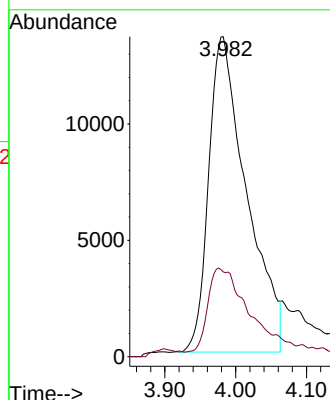
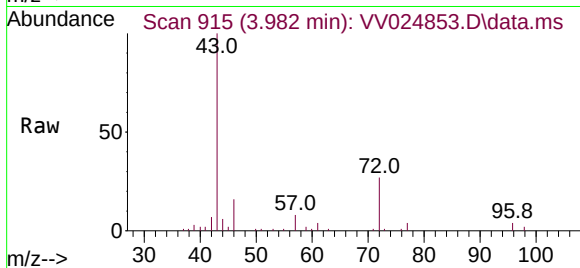
VICV206

Tgt Ion: 43 Resp: 50424

Ion Ratio Lower Upper

43 100

72 11.9 11.7 35.1



#23

Bromochloromethane

Concen: 22.346 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.006 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Tgt Ion: 128 Resp: 50426

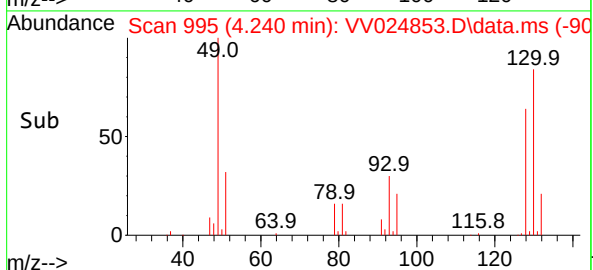
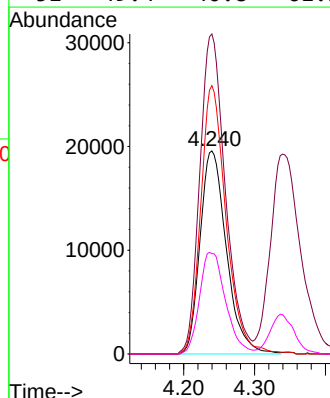
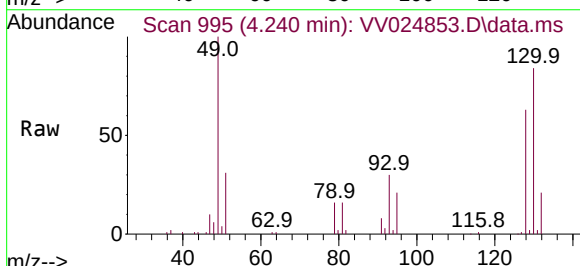
Ion Ratio Lower Upper

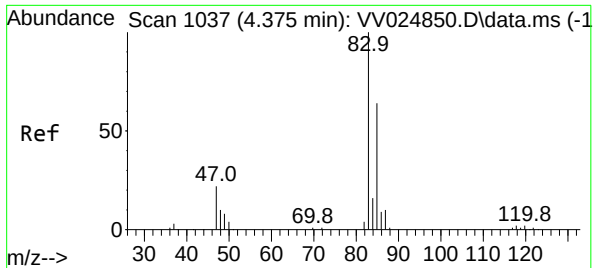
128 100

49 157.6 115.2 214.0

130 132.2 86.7 160.9

51 49.4 40.8 61.2

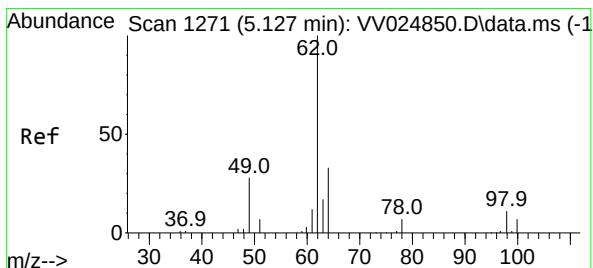
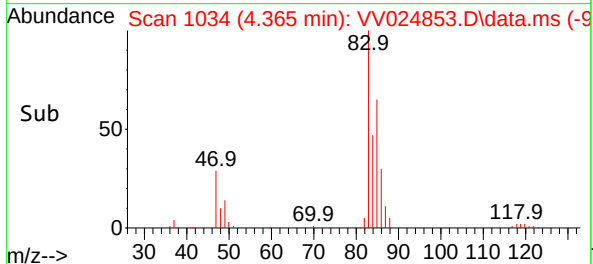
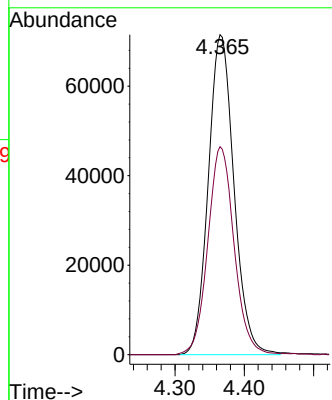
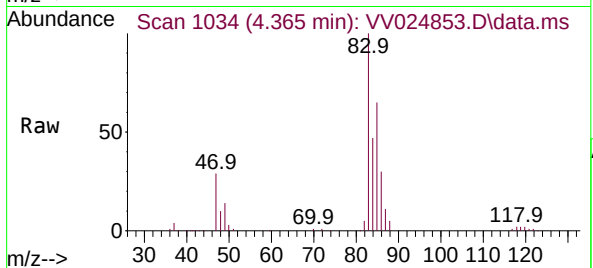




#25
Chloroform
Concen: 21.815 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.010 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

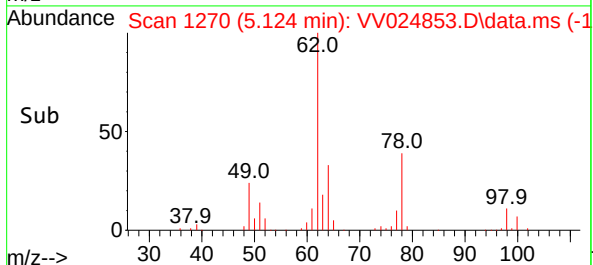
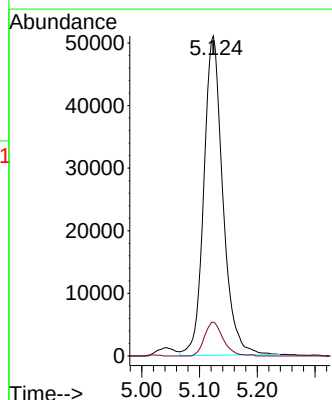
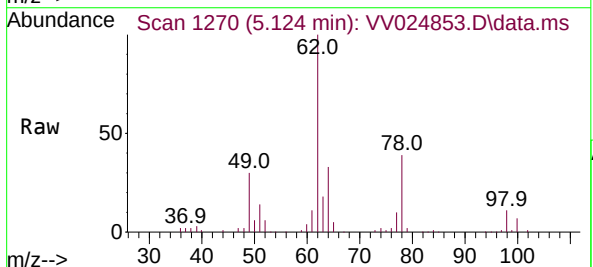
Instrument :
MSVOA_V
ClientSampleId :
VICV206

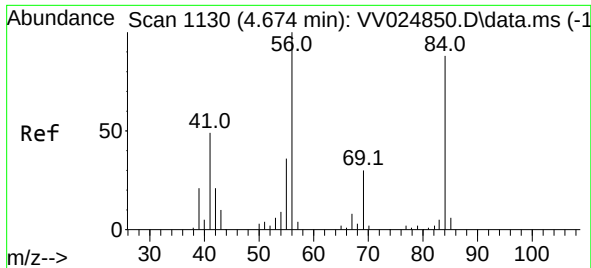
Tgt Ion: 83 Resp: 184245
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 22.074 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 62 Resp: 116762
Ion Ratio Lower Upper
62 100
98 10.6 8.6 13.0

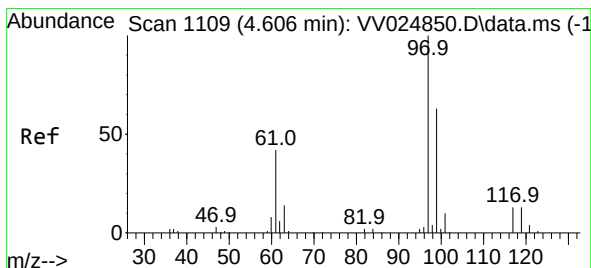
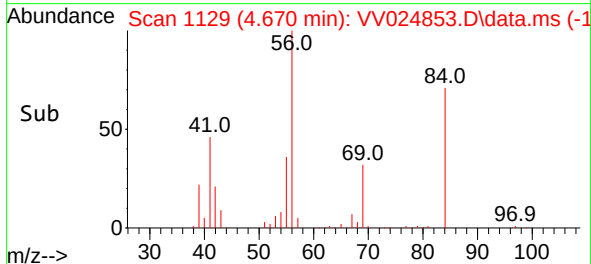
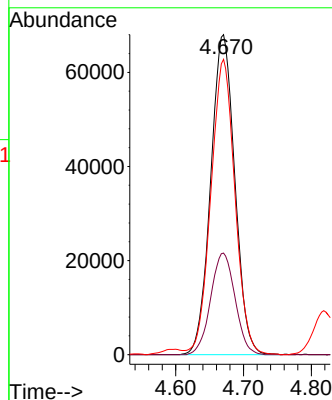
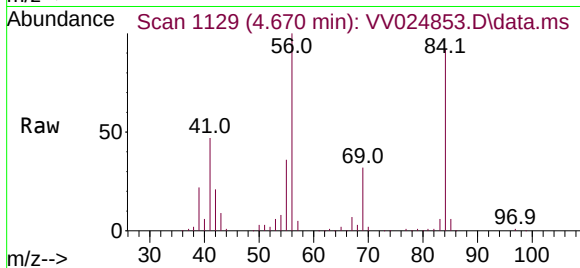




#29
Cyclohexane
Concen: 21.406 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

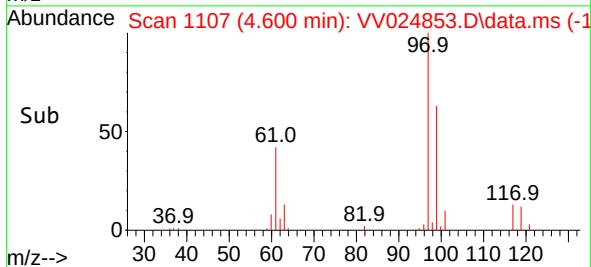
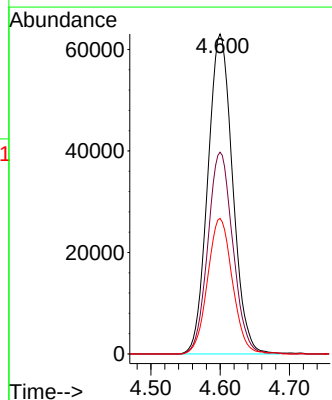
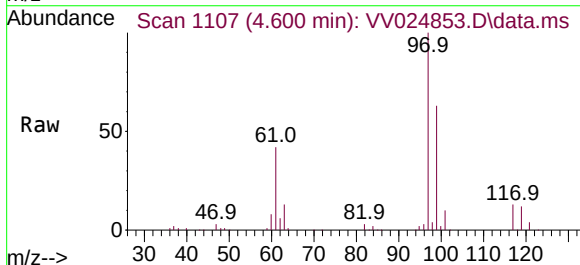
Instrument :
MSVOA_V
ClientSampleId :
VICV206

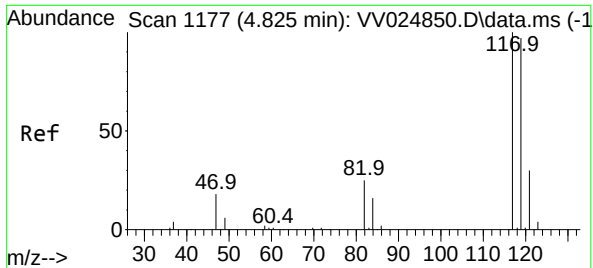
Tgt Ion: 56 Resp: 167932
Ion Ratio Lower Upper
56 100
69 32.1 24.8 37.2
84 92.1 73.6 110.4



#30
1,1,1-Trichloroethane
Concen: 21.421 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 97 Resp: 156922
Ion Ratio Lower Upper
97 100
99 63.3 50.2 75.4
61 42.3 33.8 50.6

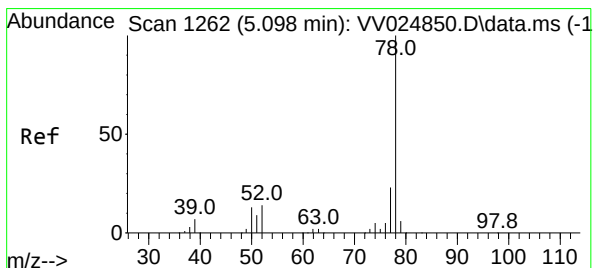
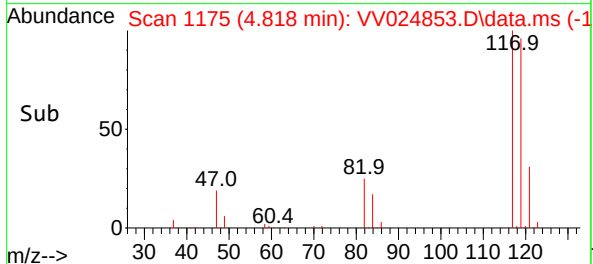
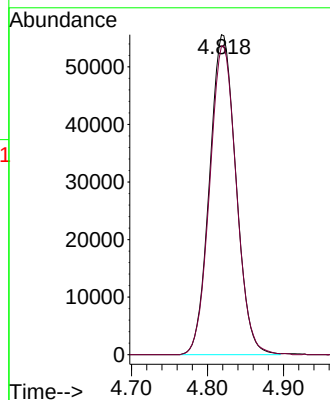
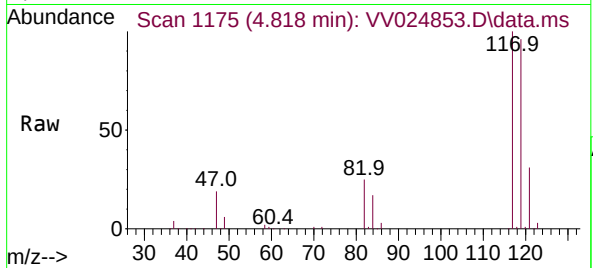




#31
Carbon tetrachloride
Concen: 21.292 ug/L
RT: 4.818 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

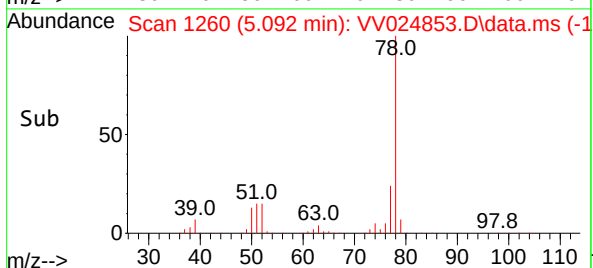
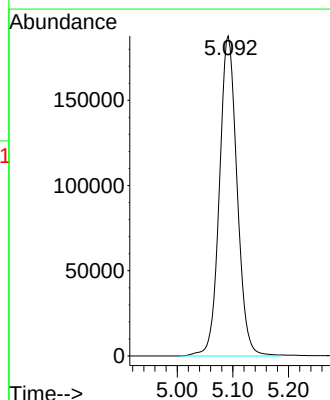
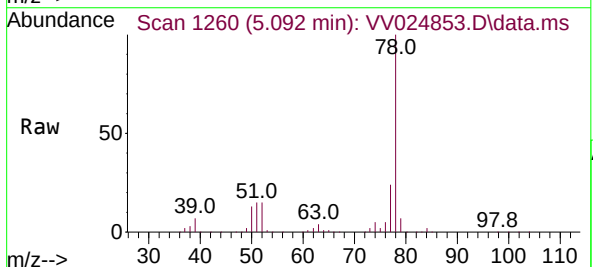
Instrument :
MSVOA_V
ClientSampleId :
VICV206

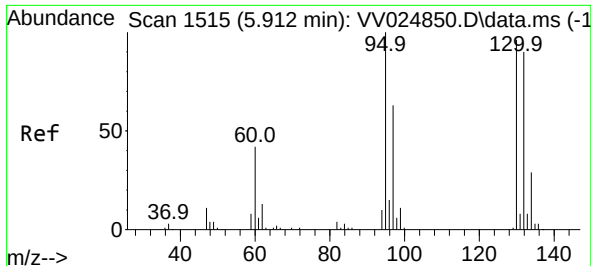
Tgt Ion:117 Resp: 134435
Ion Ratio Lower Upper
117 100
119 97.2 76.6 115.0



#33
Benzene
Concen: 22.247 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 78 Resp: 413864



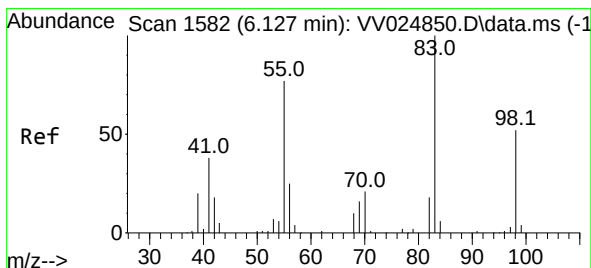
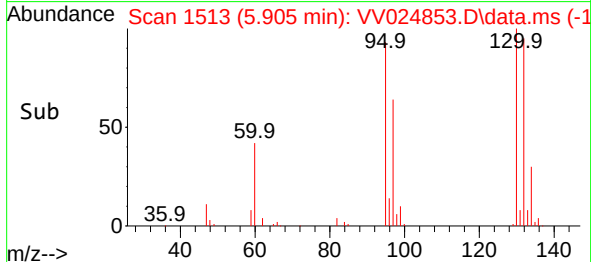
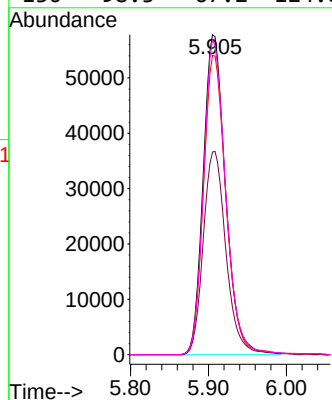
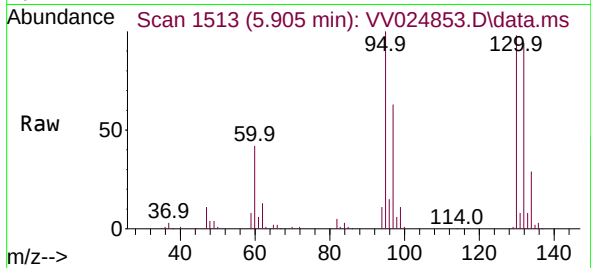


#34
Trichloroethene
Concen: 21.497 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Instrument :
MSVOA_V
ClientSampleId :
VICV206

Tgt Ion: 95 Resp: 115299

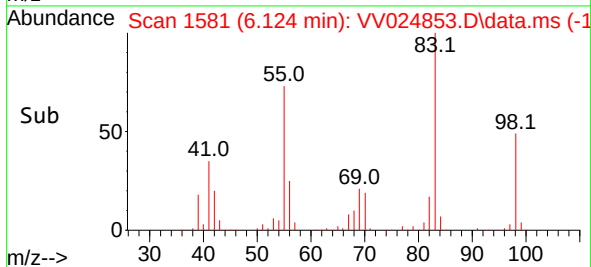
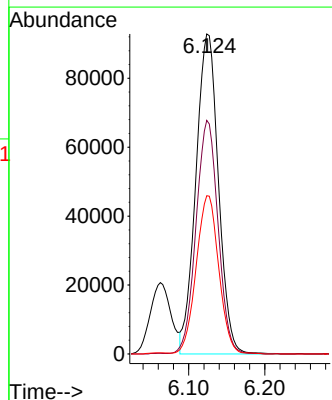
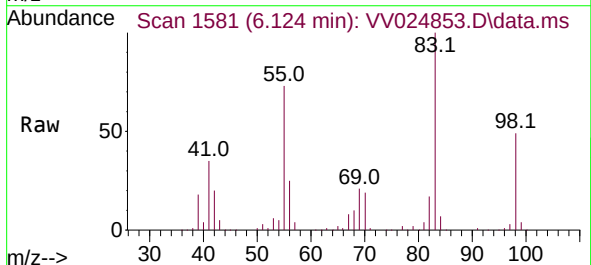
Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.8	81.4
132	93.5	63.1	117.1
130	98.3	67.2	124.8

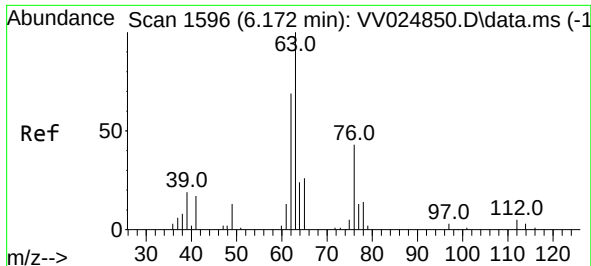


#35
Methylcyclohexane
Concen: 21.704 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 83 Resp: 191434

Ion	Ratio	Lower	Upper
83	100		
55	71.4	58.3	87.5
98	48.9	39.2	58.8





#37

1,2-Dichloropropane

Concen: 22.848 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

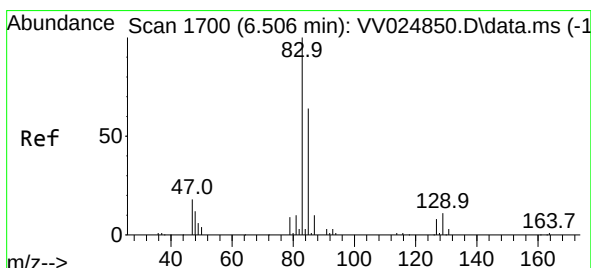
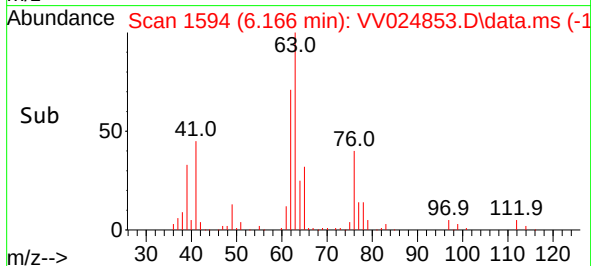
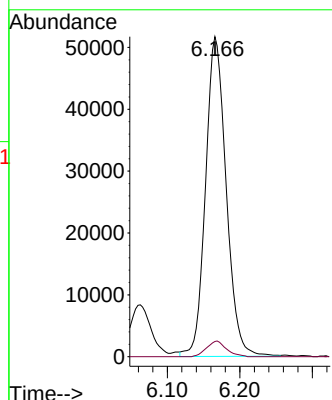
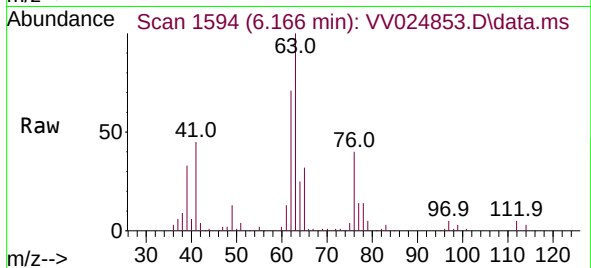
VICV206

Tgt Ion: 63 Resp: 102294

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 22.670 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

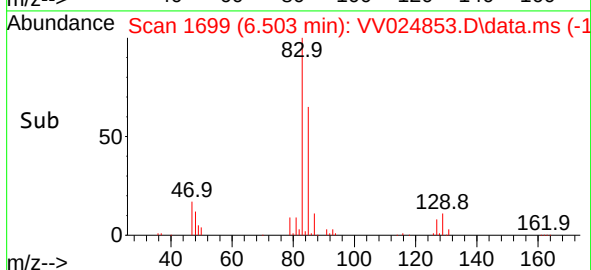
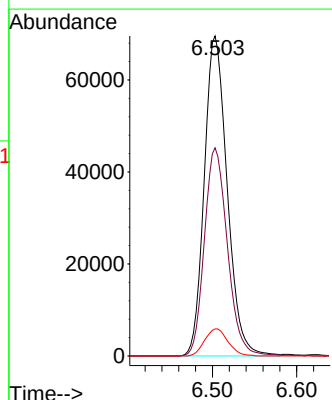
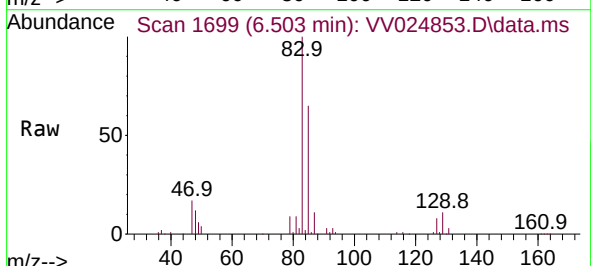
Tgt Ion: 83 Resp: 131897

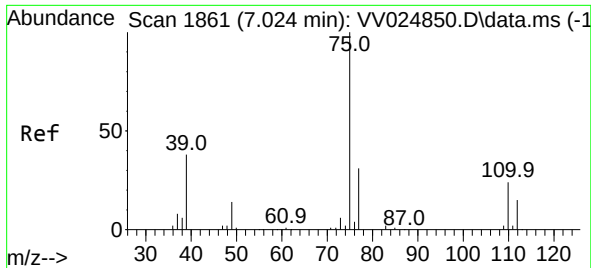
Ion Ratio Lower Upper

83 100

85 65.1 44.8 83.2

127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 23.627 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

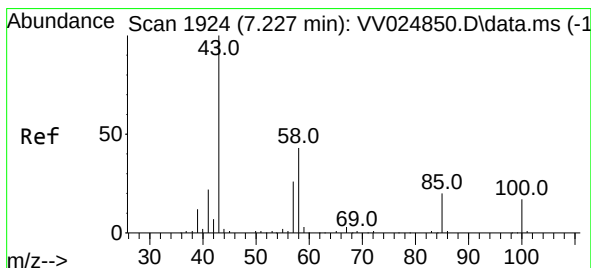
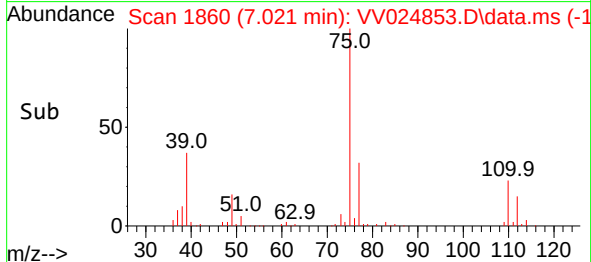
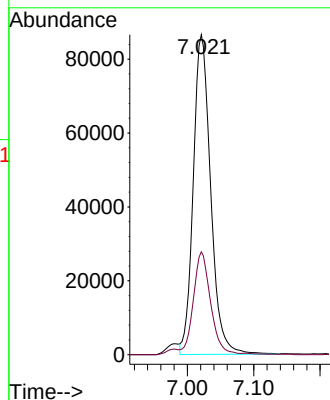
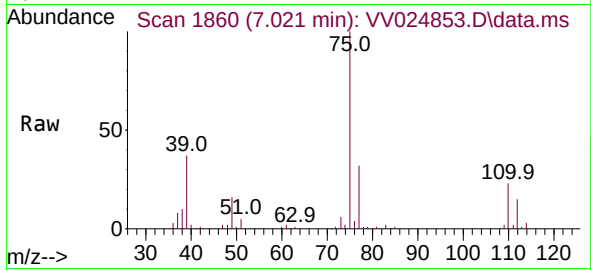
VICV206

Tgt Ion: 75 Resp: 157740

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 36.648 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

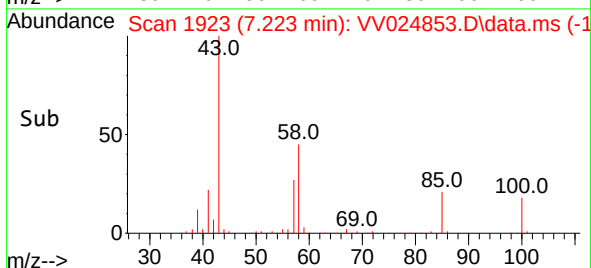
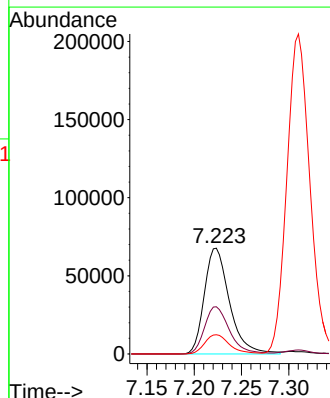
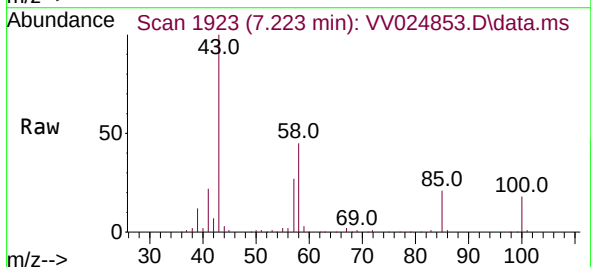
Tgt Ion: 43 Resp: 125309

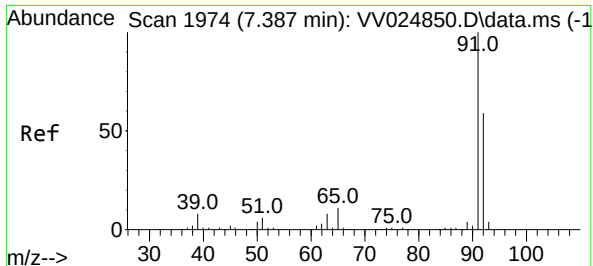
Ion Ratio Lower Upper

43 100

58 44.3 34.9 52.3

100 18.1 13.8 20.6





#42

Toluene

Concen: 22.940 ug/L

RT: 7.381 min Scan# 1974

Delta R.T. -0.006 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

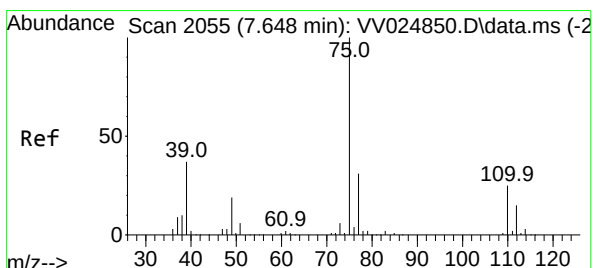
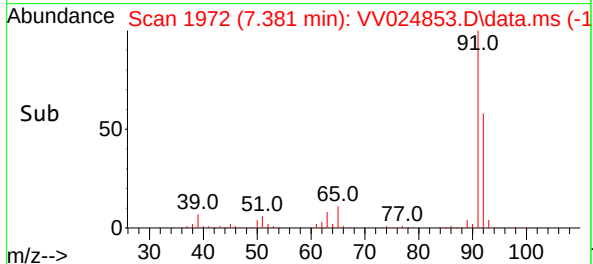
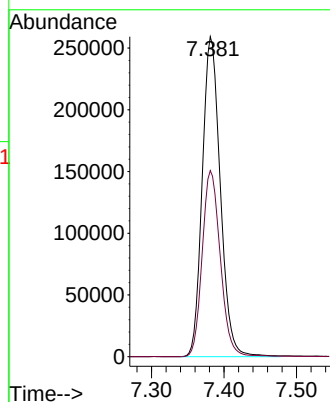
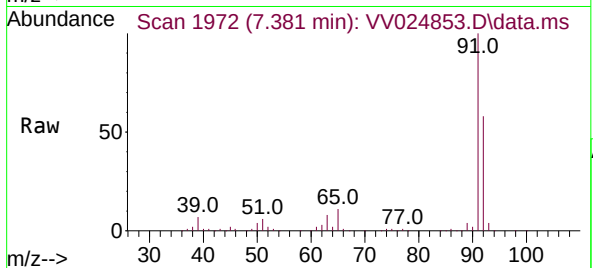
VICV206

Tgt Ion: 91 Resp: 448706

Ion Ratio Lower Upper

91 100

92 58.2 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 23.601 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV024853.D

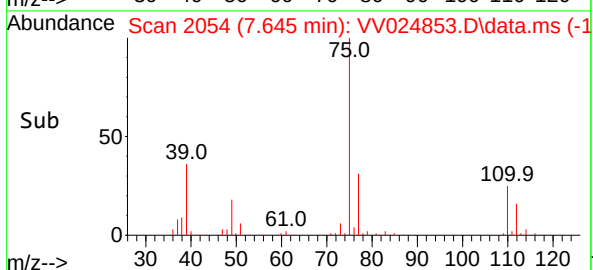
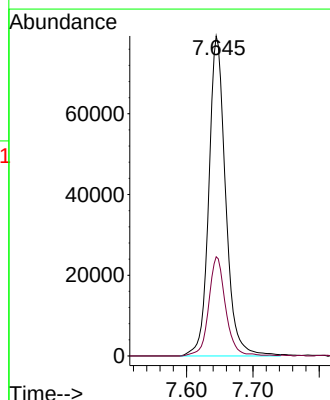
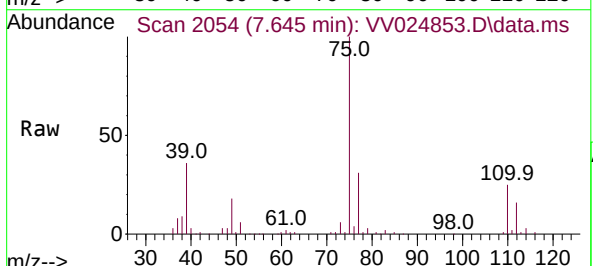
Acq: 02 Mar 2022 13:40

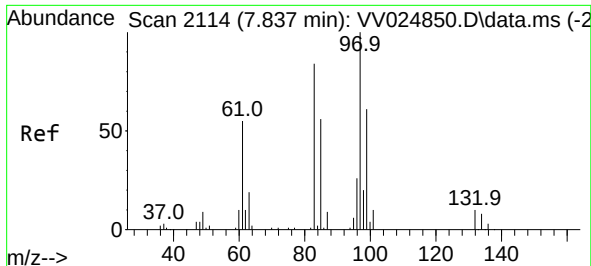
Tgt Ion: 75 Resp: 139619

Ion Ratio Lower Upper

75 100

77 31.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 21.624 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

VICV206

Tgt Ion: 97 Resp: 82930

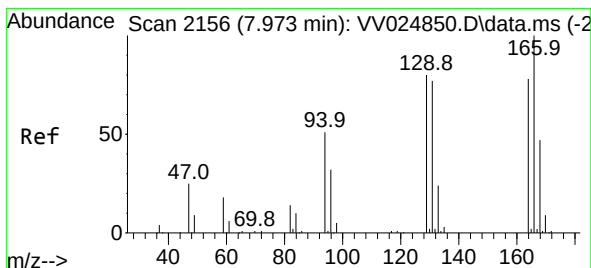
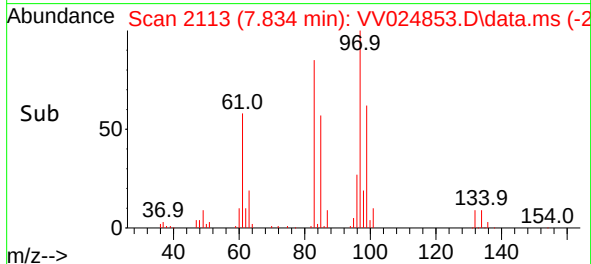
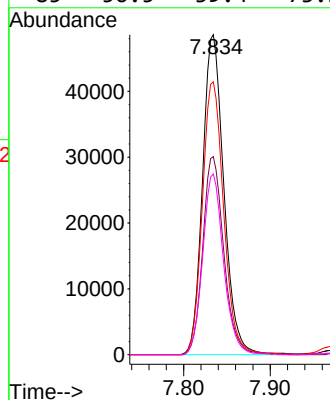
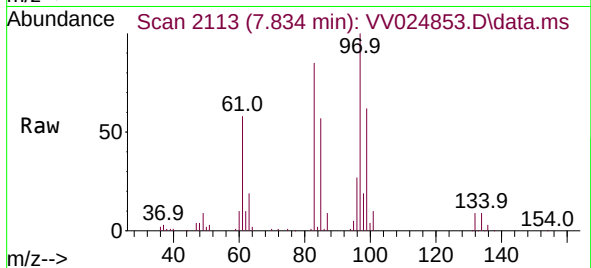
Ion Ratio Lower Upper

97 100

99 61.9 42.5 78.9

83 85.2 58.9 109.3

85 56.5 39.4 73.2



#46

Tetrachloroethene

Concen: 21.595 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Tgt Ion:164 Resp: 75111

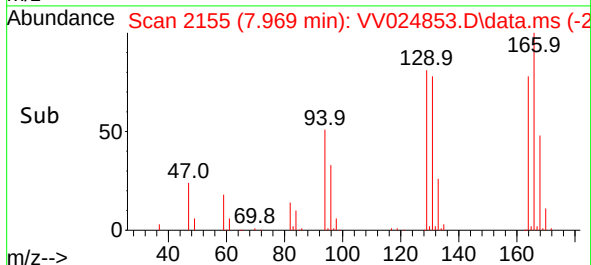
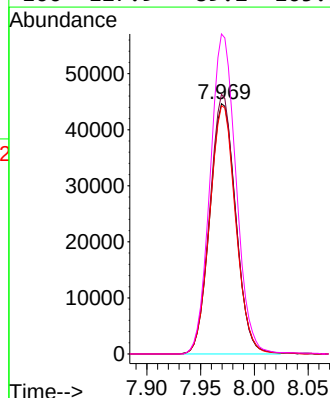
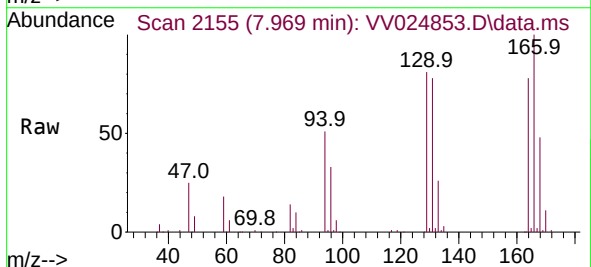
Ion Ratio Lower Upper

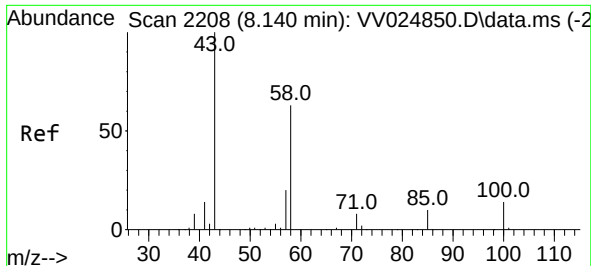
164 100

129 103.8 71.5 132.9

131 99.2 68.8 127.8

166 127.9 89.2 165.8

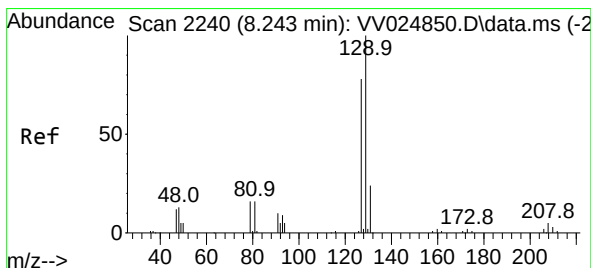
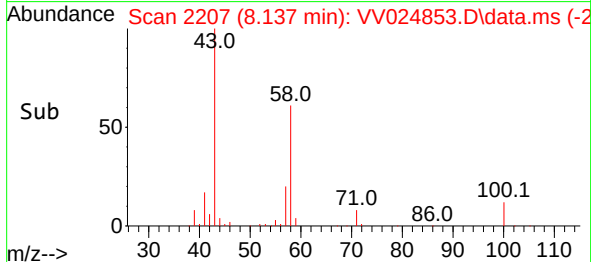
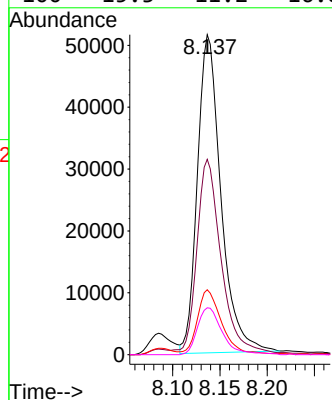
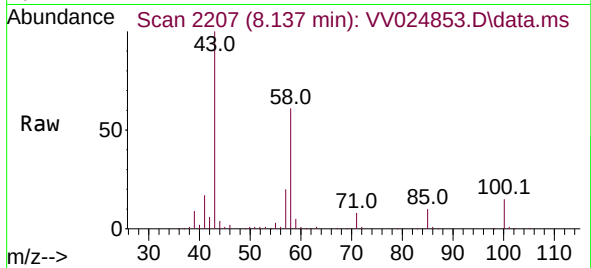




#48
2-Hexanone
Concen: 37.439 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

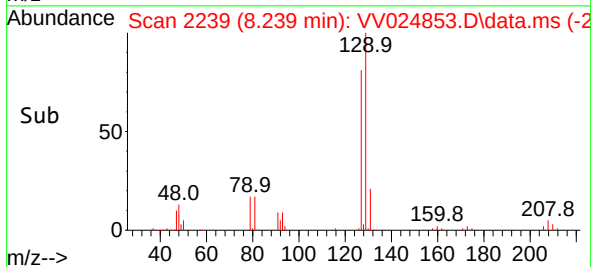
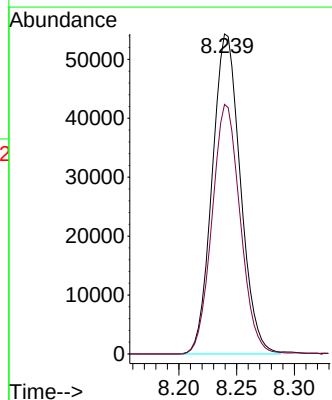
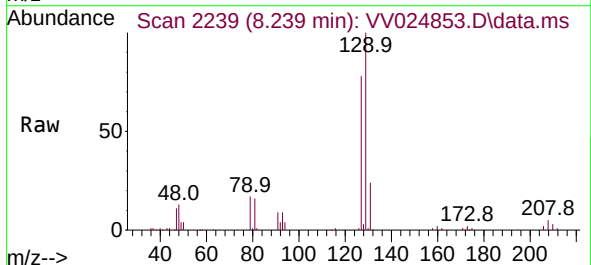
Instrument :
MSVOA_V
ClientSampleId :
VICV206

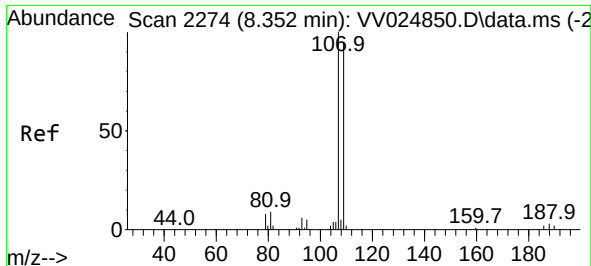
Tgt Ion: 43	Resp: 89237
Ion Ratio	Lower Upper
43 100	
58 62.0	47.6 71.4
57 21.3	17.0 25.6
100 15.3	11.2 16.8



#49
Dibromochloromethane
Concen: 22.906 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion:129	Resp:	92221	
Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.9	101.9

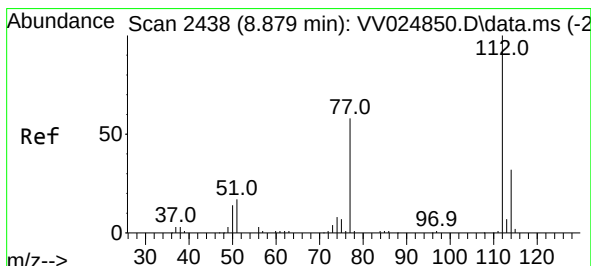
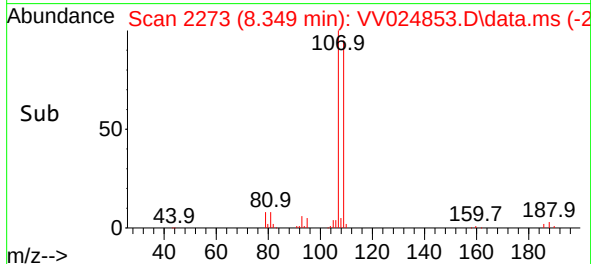
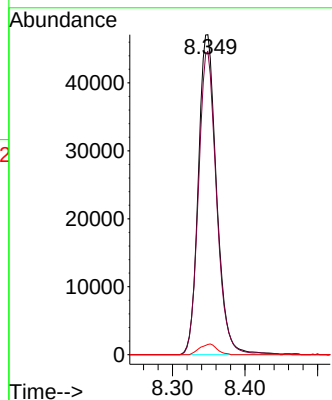
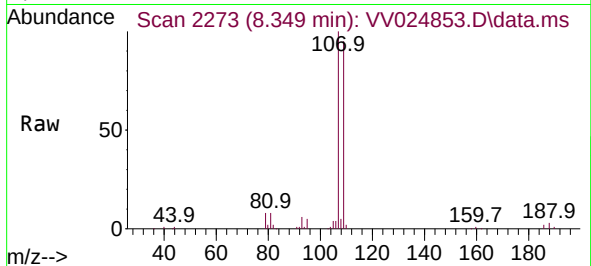




#50
1,2-Dibromoethane
Concen: 21.606 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

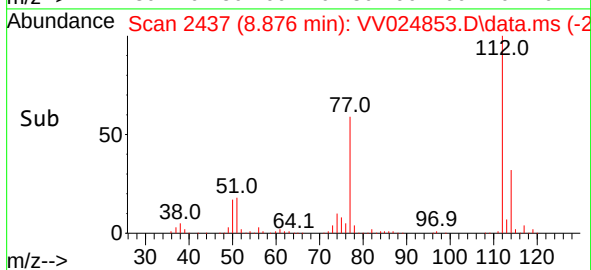
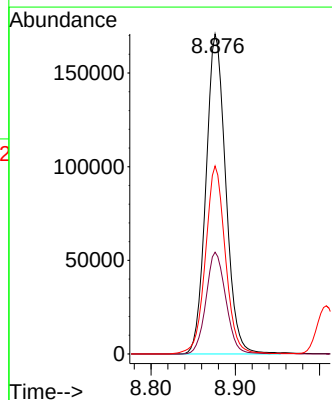
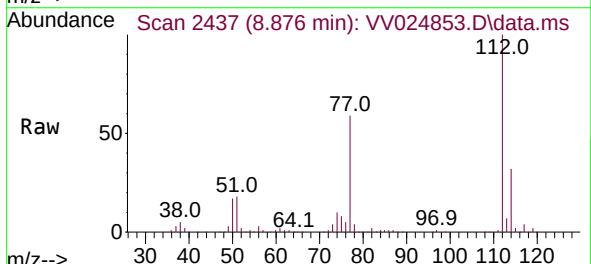
Instrument :
MSVOA_V
ClientSampleId :
VICV206

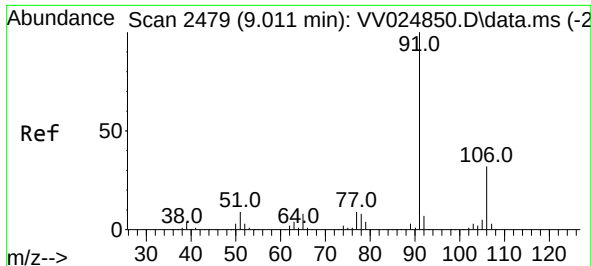
Tgt Ion:107 Resp: 82307
Ion Ratio Lower Upper
107 100
109 94.8 66.6 123.8
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 22.258 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion:112 Resp: 279463
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.9
77 58.8 47.2 70.8





#52

Ethylbenzene

Concen: 22.407 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

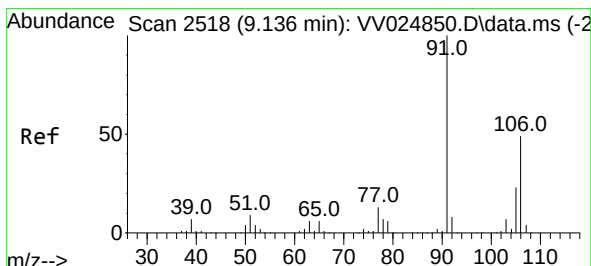
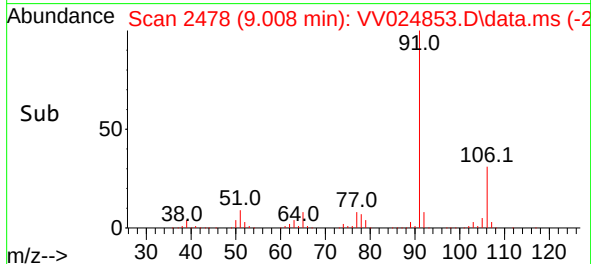
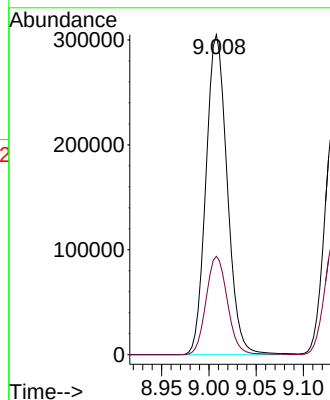
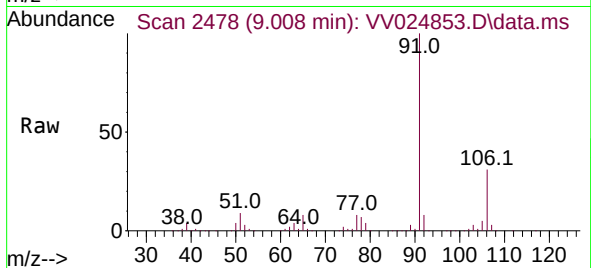
VICV206

Tgt Ion: 91 Resp: 476977

Ion Ratio Lower Upper

91 100

106 30.8 22.0 41.0



#53

m,p-Xylene

Concen: 22.651 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.003 min

Lab File: VV024853.D

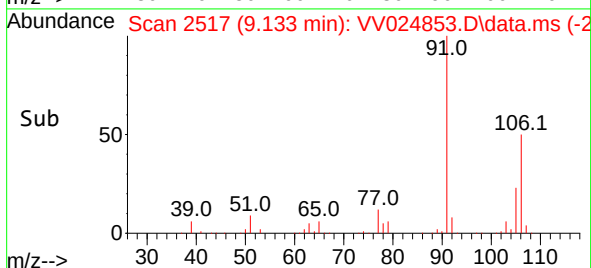
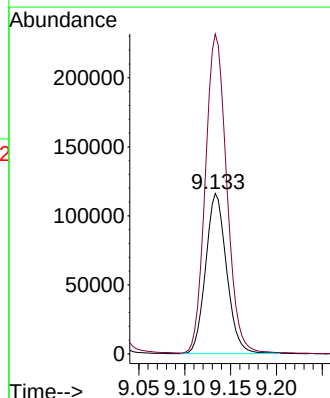
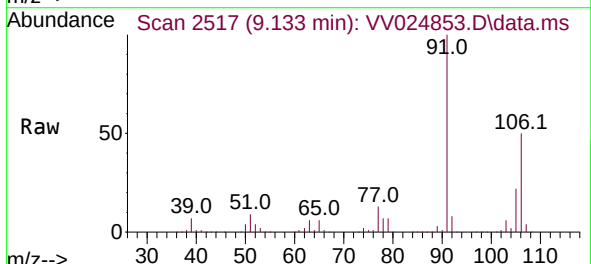
Acq: 02 Mar 2022 13:40

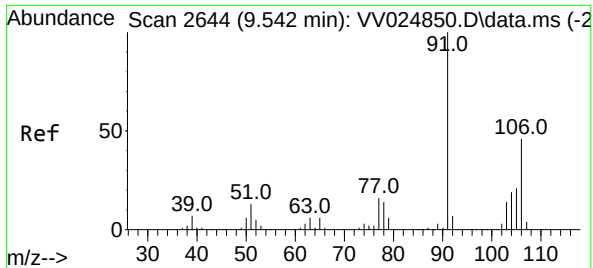
Tgt Ion: 106 Resp: 184102

Ion Ratio Lower Upper

106 100

91 199.3 141.8 263.4

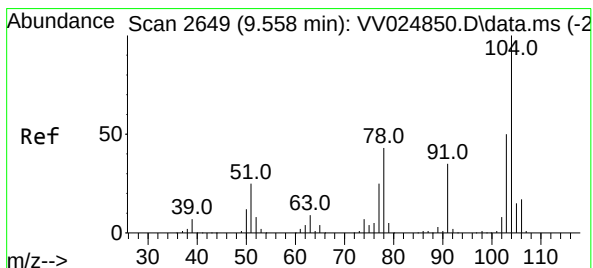
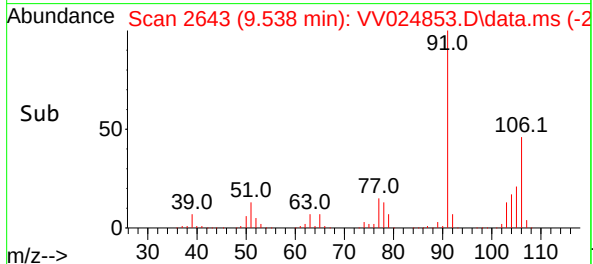
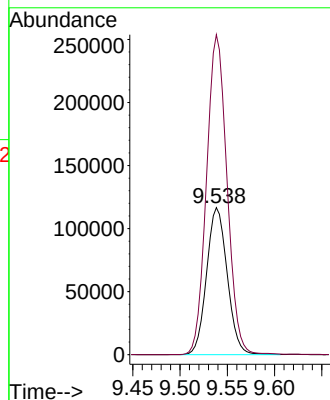
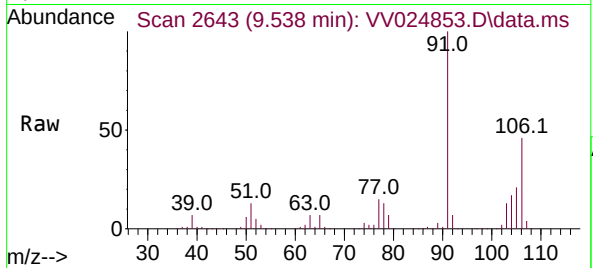




#54
o-Xylene
Concen: 23.279 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

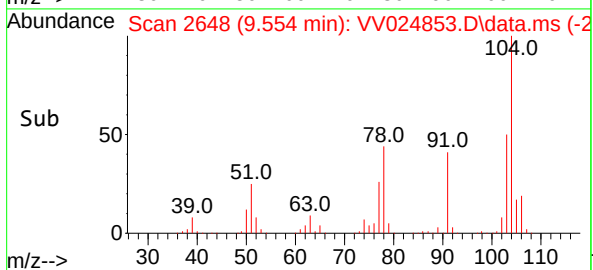
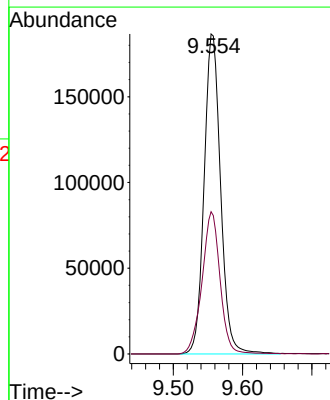
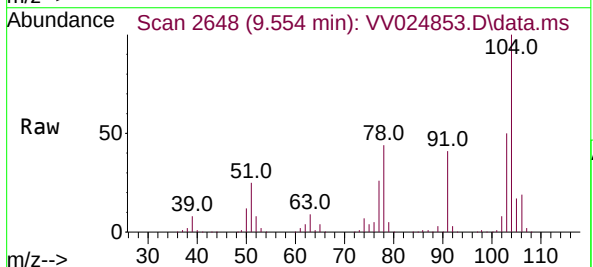
Instrument :
MSVOA_V
ClientSampleId :
VICV206

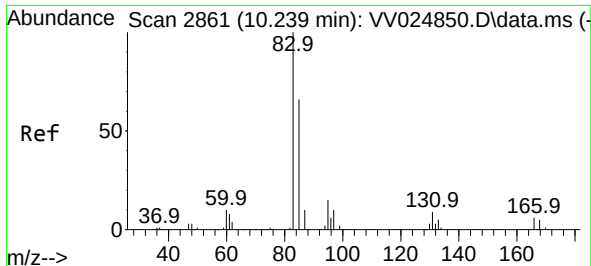
Tgt Ion:106 Resp: 177317
Ion Ratio Lower Upper
106 100
91 217.6 152.1 282.5



#55
Styrene
Concen: 23.660 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion:104 Resp: 307629
Ion Ratio Lower Upper
104 100
78 44.5 30.5 56.7





#57

1,1,2,2-Tetrachloroethane

Concen: 20.446 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

VICV206

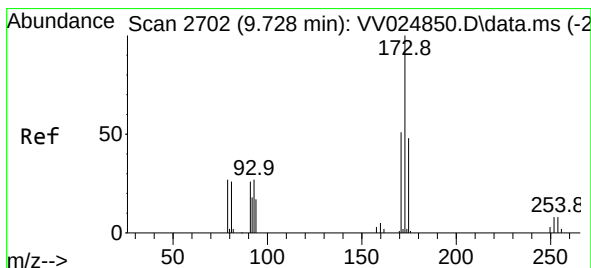
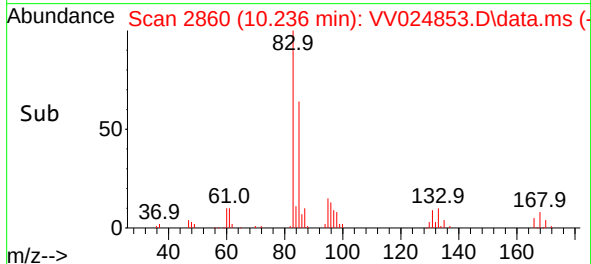
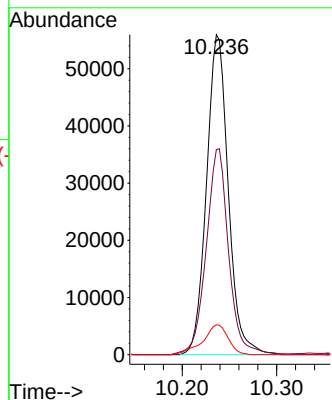
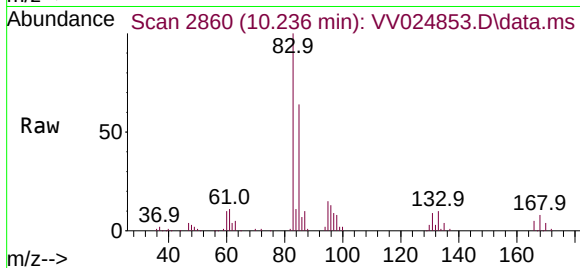
Tgt Ion: 83 Resp: 89568

Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.3

131 9.4 7.8 11.8



#59

Bromoform

Concen: 21.697 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

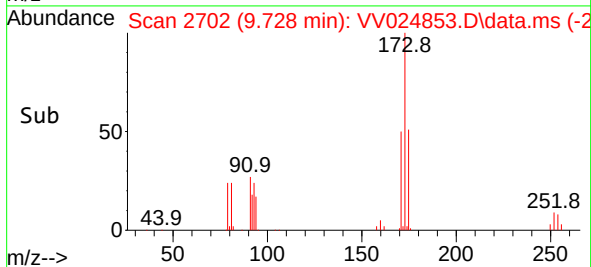
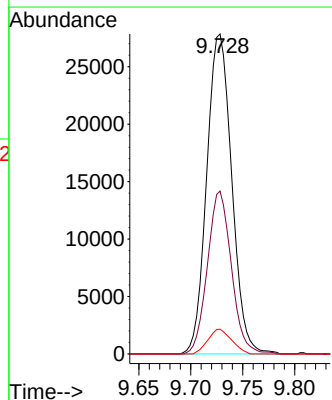
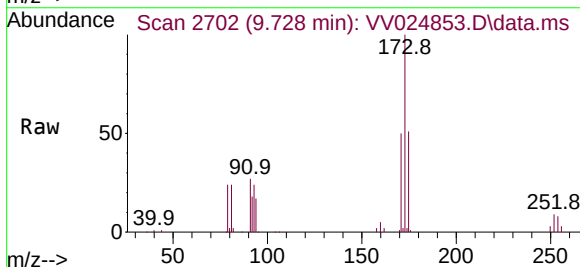
Tgt Ion: 173 Resp: 46694

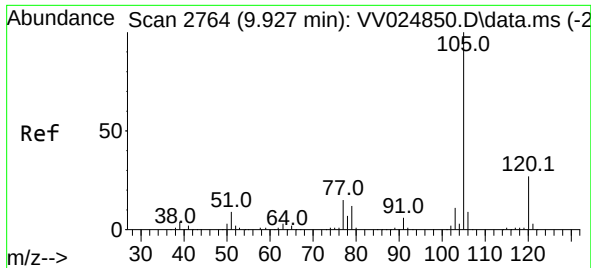
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 7.3 6.2 9.2

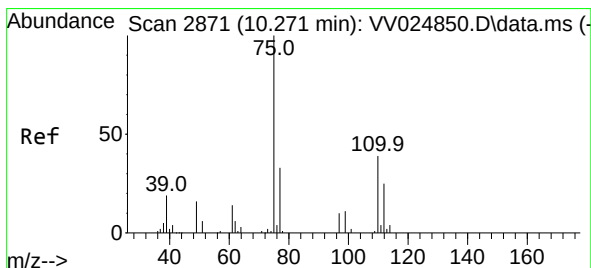
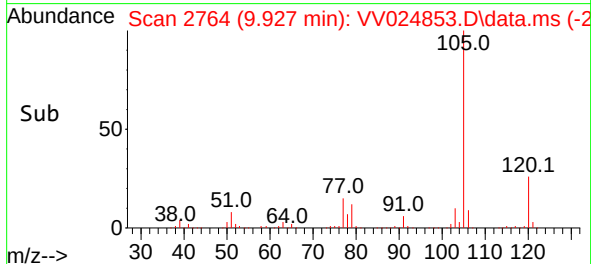
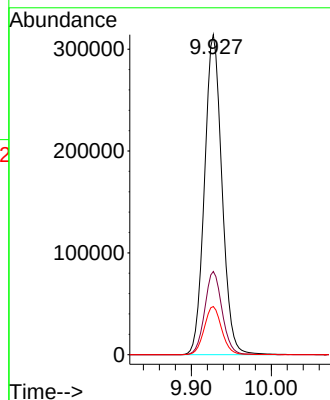
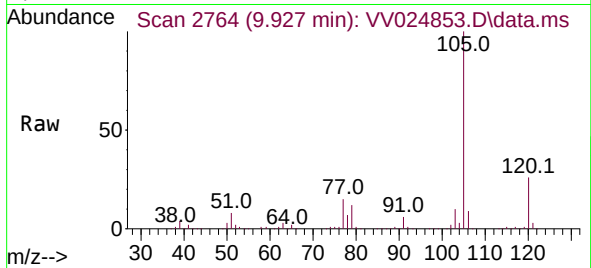




#60
Isopropylbenzene
Concen: 22.645 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

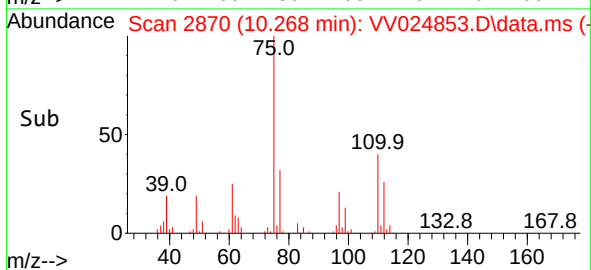
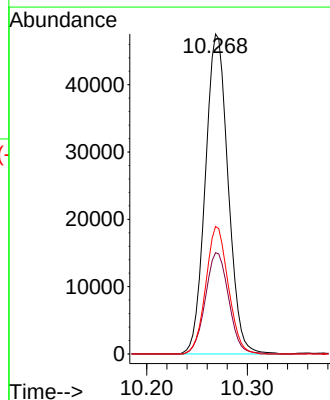
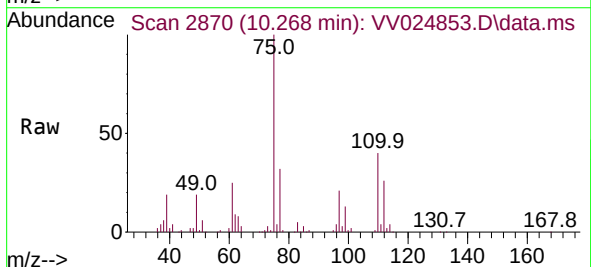
Instrument :
MSVOA_V
ClientSampleId :
VICV206

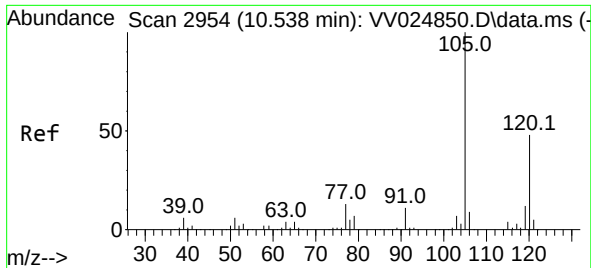
Tgt Ion:105 Resp: 477626
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.1 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 19.115 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 75 Resp: 74900
Ion Ratio Lower Upper
75 100
77 32.3 26.7 40.1
110 39.3 31.4 47.2

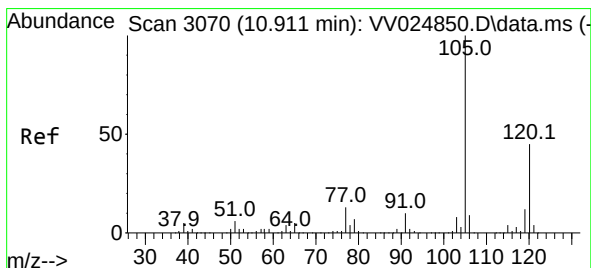
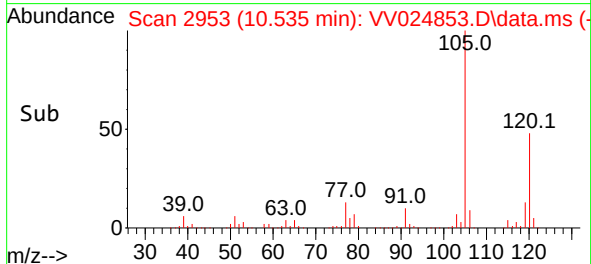
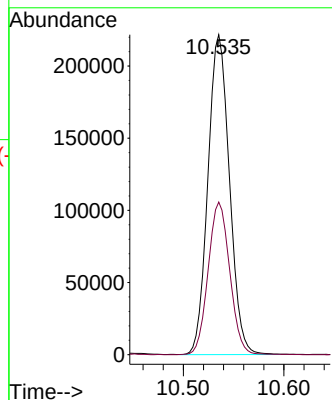
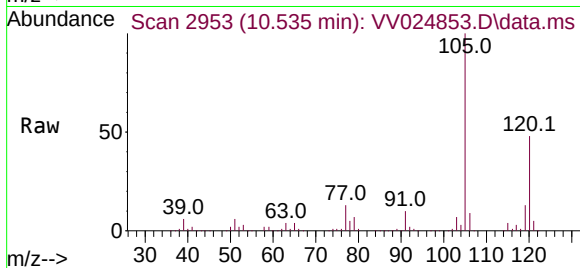




#62
1,3,5-Trimethylbenzene
Concen: 20.867 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

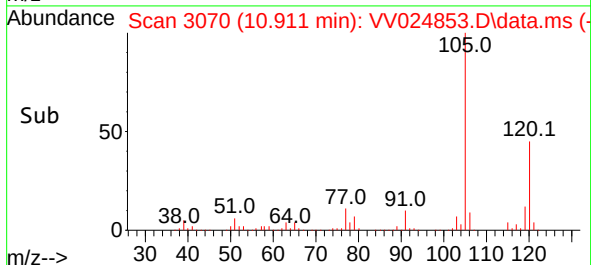
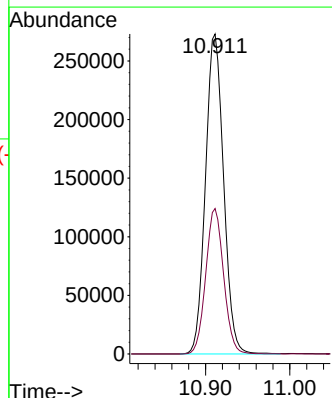
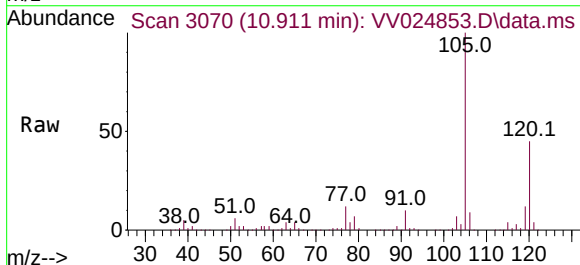
Instrument :
MSVOA_V
ClientSampleId :
VICV206

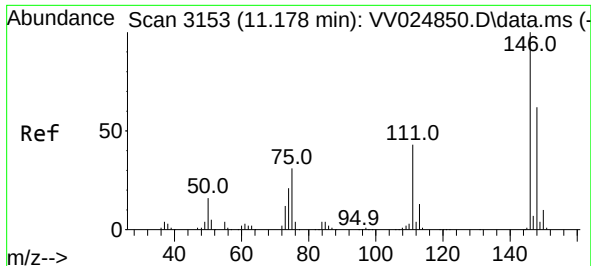
Tgt Ion:105 Resp: 329695
Ion Ratio Lower Upper
105 100
120 47.8 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 23.447 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion:105 Resp: 409134
Ion Ratio Lower Upper
105 100
120 44.9 35.8 53.8

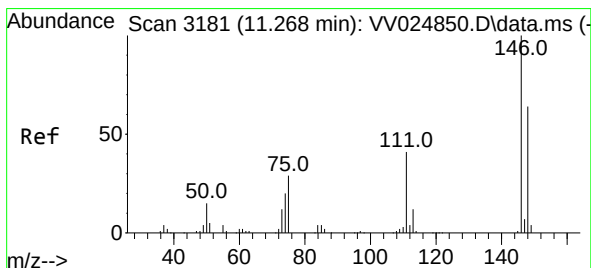
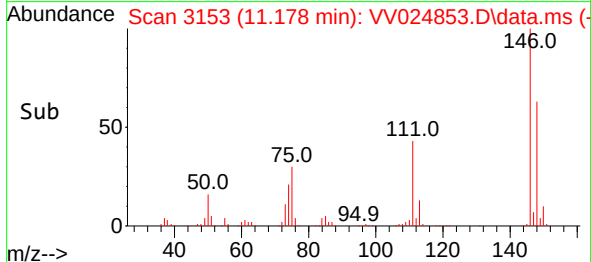
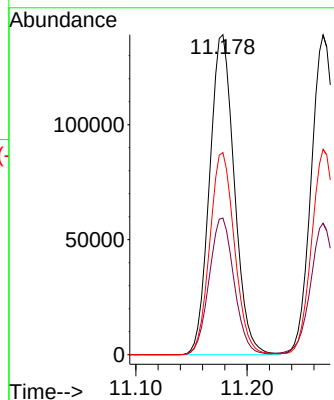
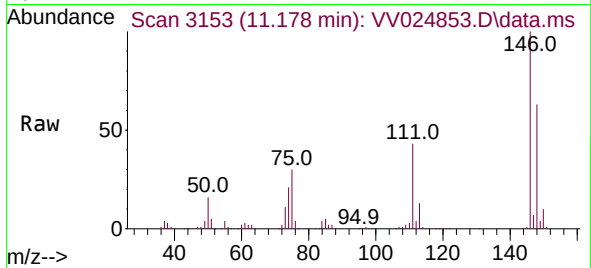




#64
1,3-Dichlorobenzene
Concen: 22.572 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

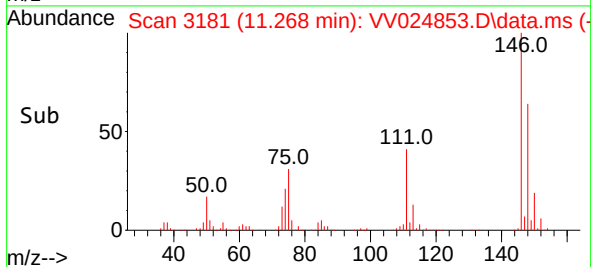
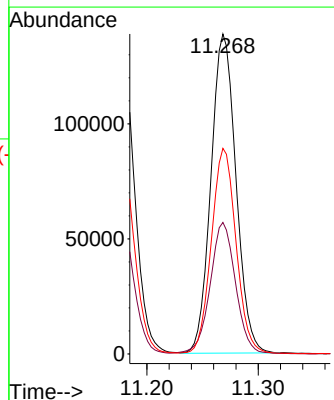
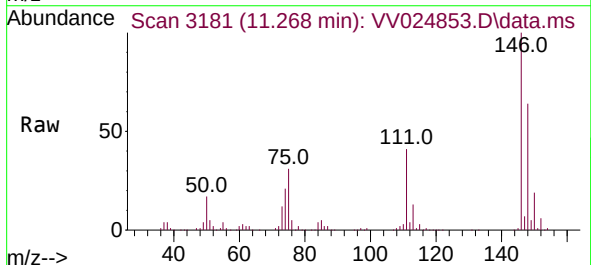
Instrument :
MSVOA_V
ClientSampleId :
VICV206

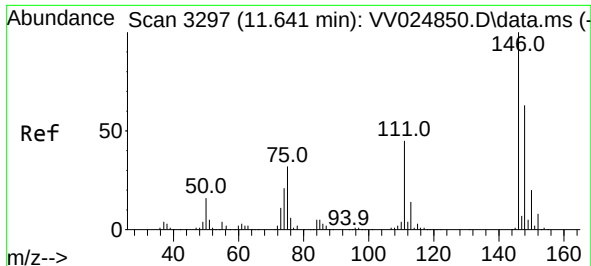
Tgt Ion:146 Resp: 214894
Ion Ratio Lower Upper
146 100
111 42.7 30.0 55.6
148 63.1 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 22.417 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion:146 Resp: 216527
Ion Ratio Lower Upper
146 100
111 41.1 29.2 54.2
148 64.2 45.1 83.7

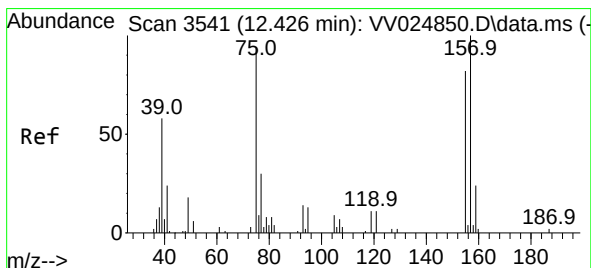
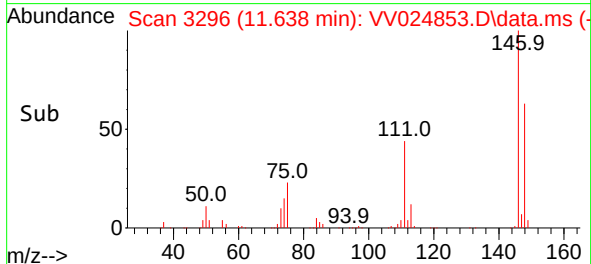
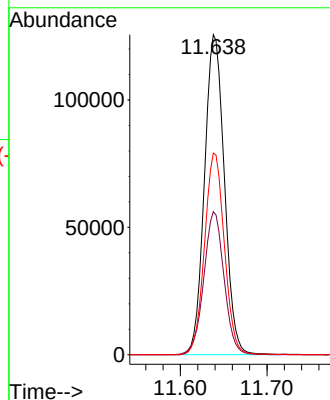
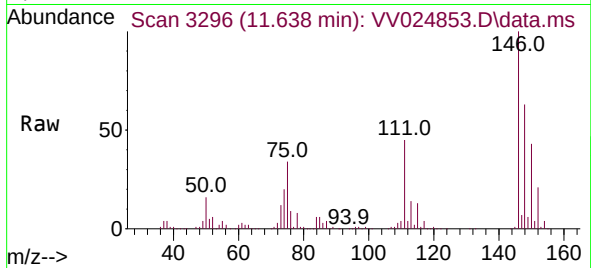




#67
1,2-Dichlorobenzene
Concen: 22.779 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

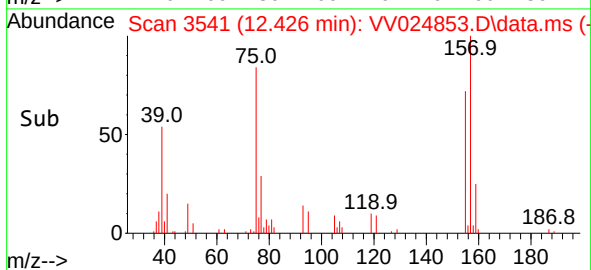
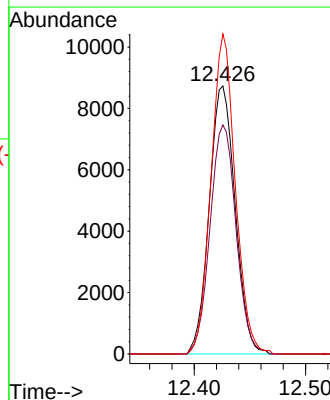
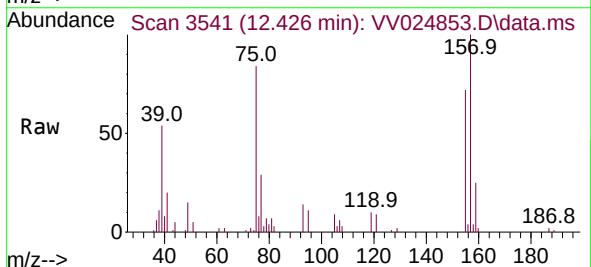
Instrument :
MSVOA_V
ClientSampleId :
VICV206

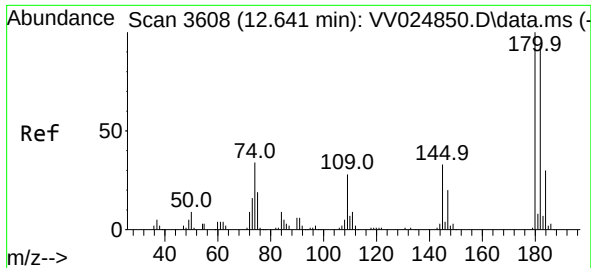
Tgt Ion:146 Resp: 200425
Ion Ratio Lower Upper
146 100
111 44.7 36.4 54.6
148 63.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 17.543 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024853.D
Acq: 02 Mar 2022 13:40

Tgt Ion: 75 Resp: 14114
Ion Ratio Lower Upper
75 100
155 85.4 69.8 104.6
157 119.4 85.3 127.9

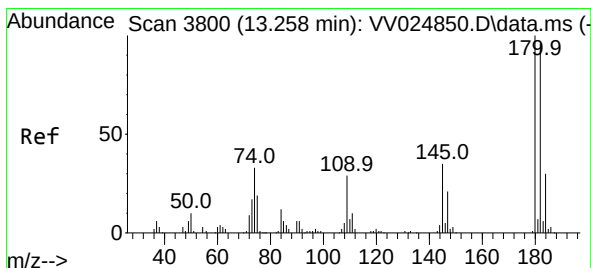
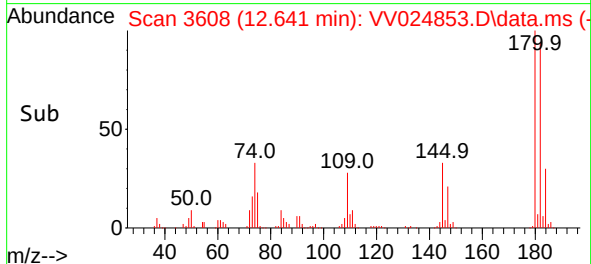
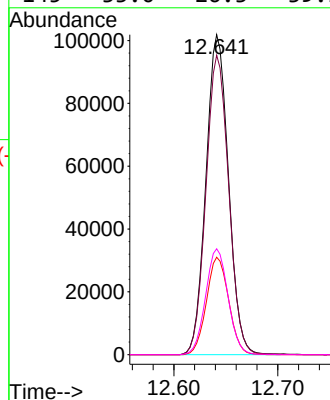
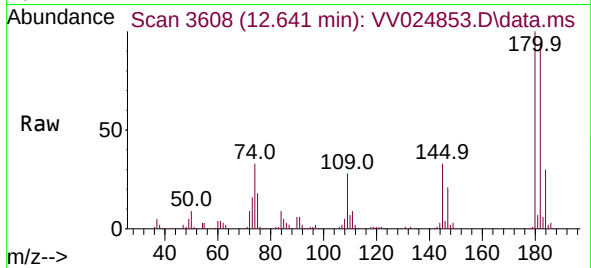




#69
 1,3,5-Trichlorobenzene
 Concen: 22.622 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV024853.D
 Acq: 02 Mar 2022 13:40

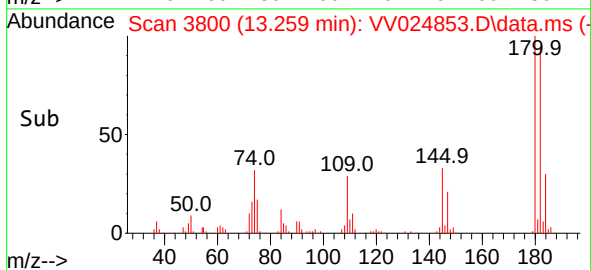
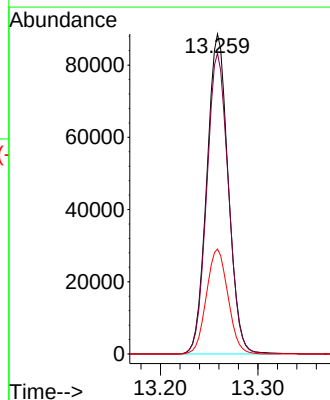
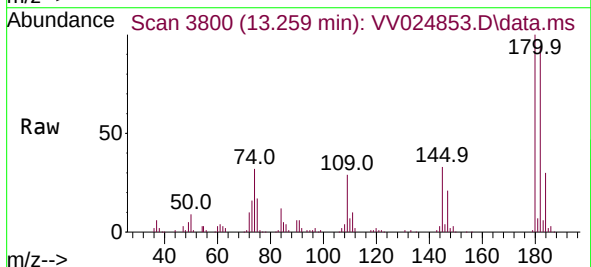
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV206

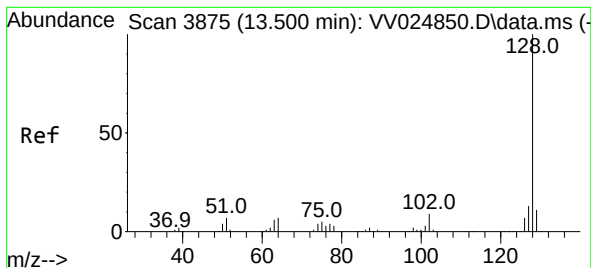
Tgt Ion:180 Resp: 153050
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.8 113.8
 184 30.1 24.2 36.4
 145 33.0 26.3 39.5



#70
 1,2,4-trichlorobenzene
 Concen: 22.940 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024853.D
 Acq: 02 Mar 2022 13:40

Tgt Ion:180 Resp: 135163
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.0 114.0
 145 33.0 27.0 40.4





#71

Naphthalene

Concen: 21.813 ug/L

RT: 13.500 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

VICV206

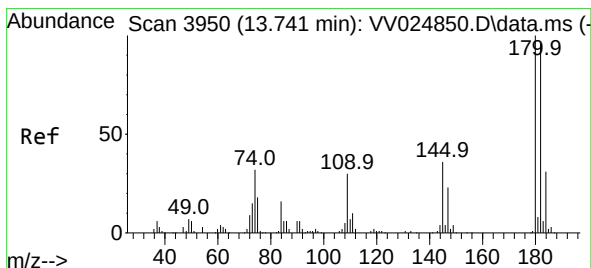
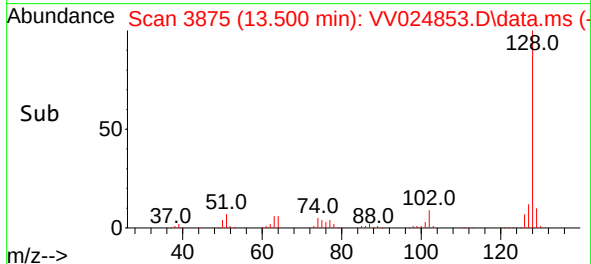
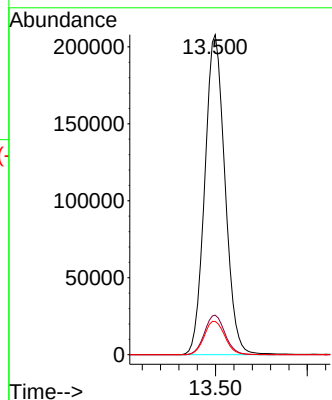
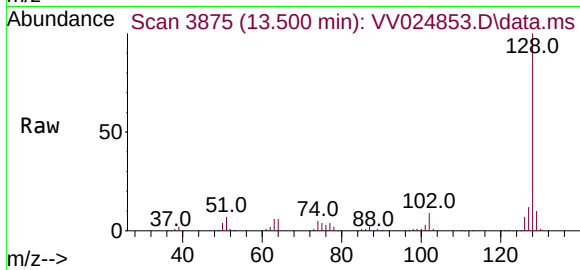
Tgt Ion:128 Resp: 317396

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.599 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV024853.D

Acq: 02 Mar 2022 13:40

Tgt Ion:180 Resp: 122991

Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.4

145 35.9 28.3 42.5

