

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
 Data File : VW024831.D
 Acq On : 28 Feb 2022 11:32
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050209

Quant Time: Mar 01 01:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:20:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	321324	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	316197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	160220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	153963	62.778	ug/L	0.00
7) Chloroethane-d5	1.568	69	125634	59.552	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	266631	56.433	ug/L	0.00
21) 2-Butanone-d5	3.889	46	187062	118.984	ug/L	0.00
24) Chloroform-d	4.346	84	273288	61.337	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	162352	58.040	ug/L	0.00
32) Benzene-d6	5.050	84	565709	59.729	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	174559	58.293	ug/L	0.00
41) Toluene-d8	7.313	98	507800	58.468	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	78702	51.738	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	138695	112.192	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	207036	57.894	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	175721	55.848	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	151940	60.499	ug/L	100
3) Chloromethane	1.243	50	156823	62.246	ug/L	100
5) Vinyl chloride	1.310	62	165731	61.989	ug/L	100
6) Bromomethane	1.523	94	97269	59.560	ug/L	100
8) Chloroethane	1.587	64	100176	56.344	ug/L	100
9) Trichlorofluoromethane	1.754	101	208920	54.889	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	123337	59.422	ug/L	100
12) 1,1-Dichloroethene	2.117	96	120918	60.383	ug/L	100
13) Acetone	2.185	43	123651	81.826	ug/L	100
14) Carbon disulfide	2.294	76	374863	65.710	ug/L	100
15) Methyl Acetate	2.436	43	128638	59.130	ug/L	100
16) Methylene chloride	2.507	84	141483	63.007	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	131978	63.466	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	405773	57.746	ug/L	100
19) 1,1-Dichloroethane	3.188	63	240834	60.600	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	141597	61.139	ug/L	100
22) 2-Butanone	3.973	43	172685	98.825	ug/L	100
23) Bromochloromethane	4.246	128	71087	63.133	ug/L	100
25) Chloroform	4.375	83	246733	59.993	ug/L	100
27) 1,2-Dichloroethane	5.127	62	176785	56.006	ug/L	100
29) Cyclohexane	4.677	56	215082	56.530	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	213202	55.227	ug/L	100
31) Carbon tetrachloride	4.828	117	180302	56.305	ug/L	100
33) Benzene	5.098	78	552723	58.874	ug/L	100
34) Trichloroethene	5.912	95	151581	57.873	ug/L	100
35) Methylcyclohexane	6.130	83	229758	57.767	ug/L	100
37) 1,2-Dichloropropane	6.172	63	140942	57.521	ug/L	100
38) Bromodichloromethane	6.506	83	182874	54.147	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	217637	55.089	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	339616	103.226	ug/L	100
42) Toluene	7.384	91	580883	58.180	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	200392	52.713	ug/L	100

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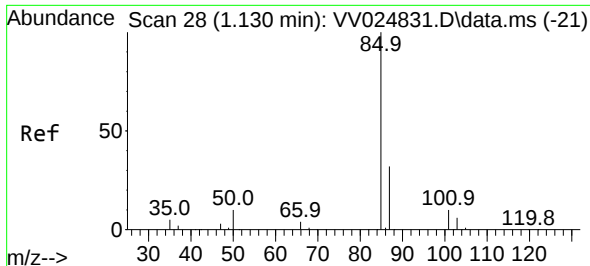
Quant Time: Mar 01 01:21:49 2022
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	133900	57.053	ug/L	100
46) Tetrachloroethene	7.973	164	94960	60.182	ug/L	100
48) 2-Hexanone	8.137	43	264813	96.516	ug/L	100
49) Dibromochloromethane	8.243	129	134227	55.001	ug/L	100
50) 1,2-Dibromoethane	8.349	107	140761	57.845	ug/L	100
51) Chlorobenzene	8.879	112	361761	57.944	ug/L	100
52) Ethylbenzene	9.011	91	623055	56.706	ug/L	100
53) m,p-Xylene	9.136	106	237836	57.581	ug/L	100
54) o-Xylene	9.542	106	231962	56.525	ug/L	100
55) Styrene	9.558	104	402290	57.696	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	187211	56.248	ug/L	100
59) Bromoform	9.728	173	76404	50.068	ug/L	100
60) Isopropylbenzene	9.927	105	610693	52.824	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	162014	51.145	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	418239	44.207	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	514539	51.989	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	262484	55.035	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	265393	54.728	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	260437	54.482	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	38447	47.019	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	175165	55.090	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	153768	54.563	ug/L	100
71) Naphthalene	13.500	128	535479	52.749	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	154008	55.742	ug/L	100

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

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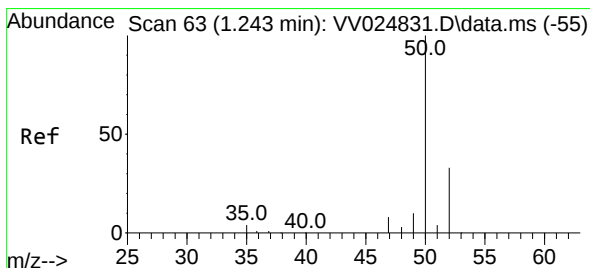
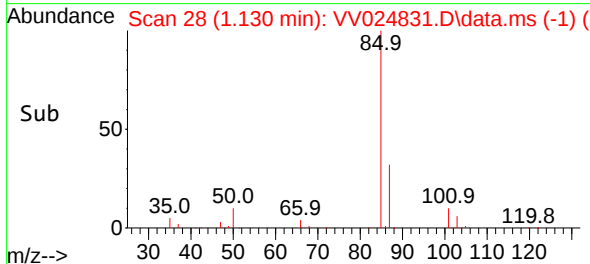
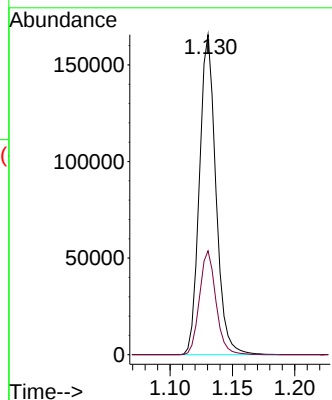
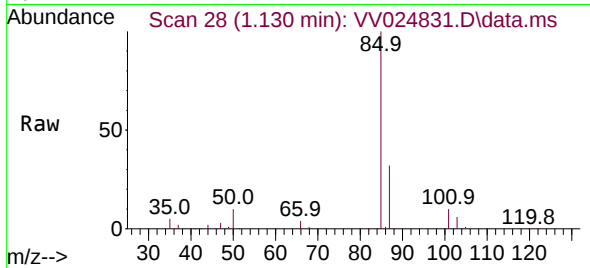




#2
 Dichlorodifluoromethane
 Concen: 60.499 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024831.D
 Acq: 28 Feb 2022 11:32

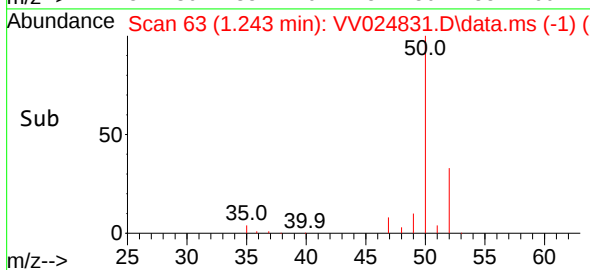
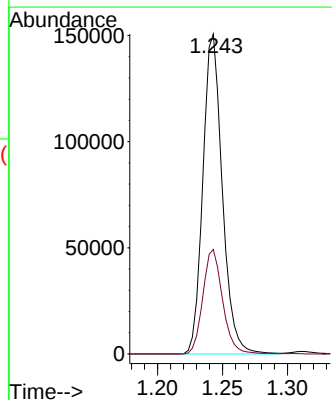
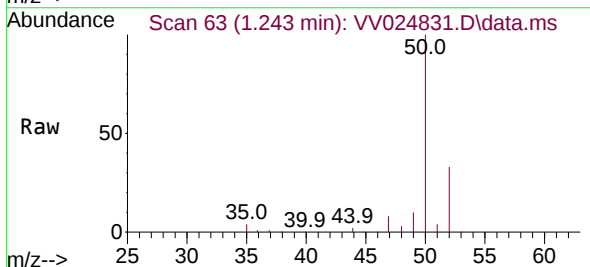
Instrument :
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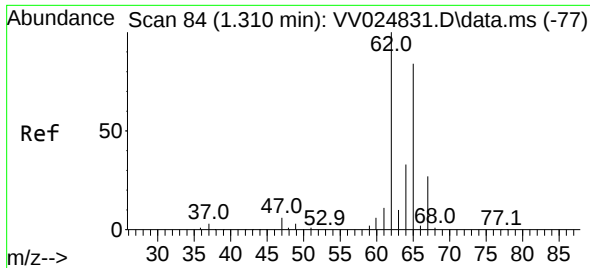
Tgt Ion: 85 Resp: 151940
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 62.246 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024831.D
 Acq: 28 Feb 2022 11:32

Tgt Ion: 50 Resp: 156823
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

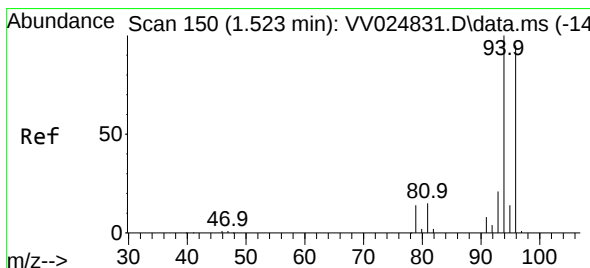
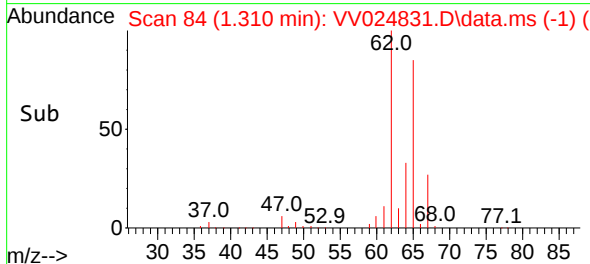
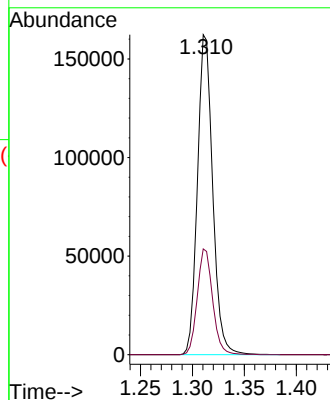
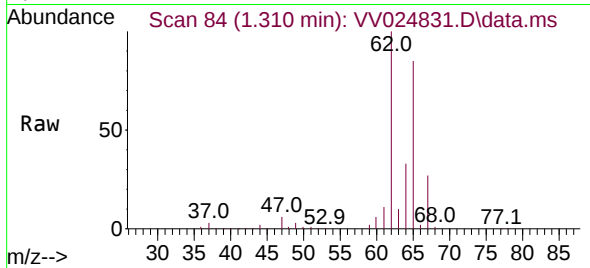




#5
 Vinyl chloride
 Concen: 61.989 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024831.D
 Acq: 28 Feb 2022 11:32

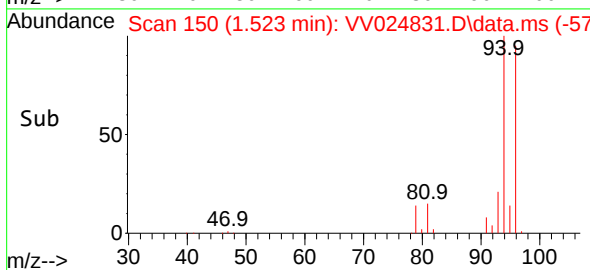
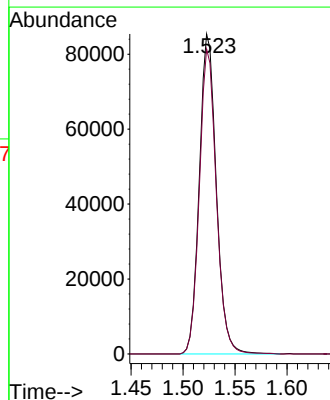
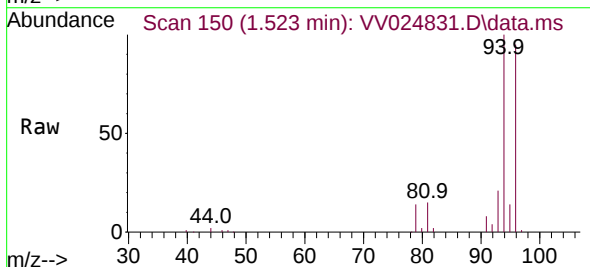
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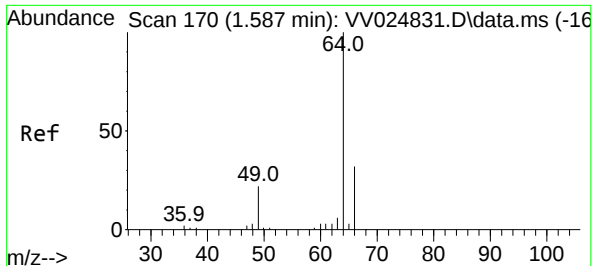
Tgt Ion: 62 Resp: 165731
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 59.560 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024831.D
 Acq: 28 Feb 2022 11:32

Tgt Ion: 94 Resp: 97269
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.7 123.9

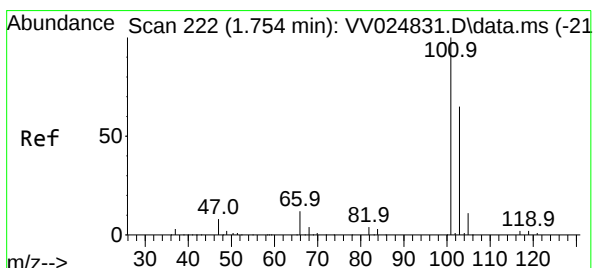
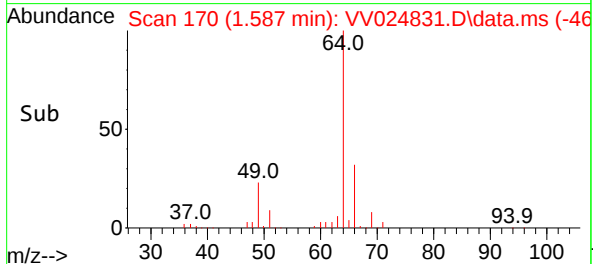
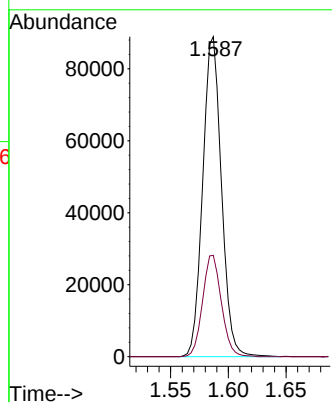
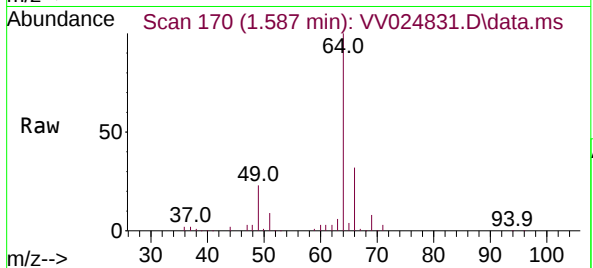




#8
Chloroethane
Concen: 56.344 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

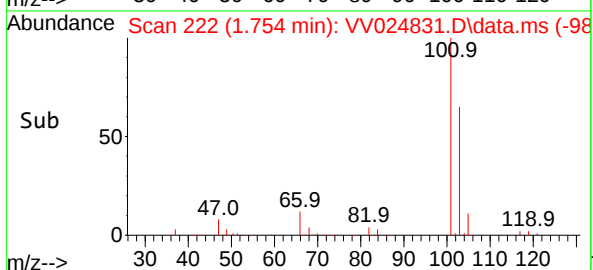
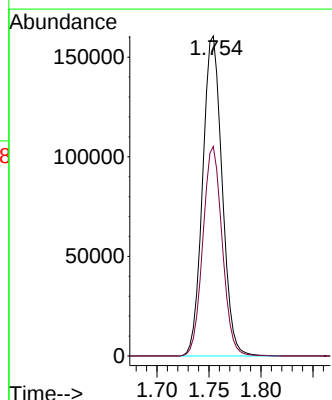
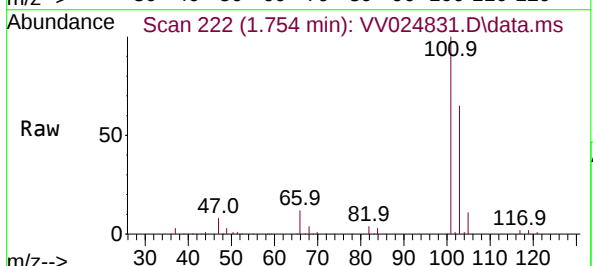
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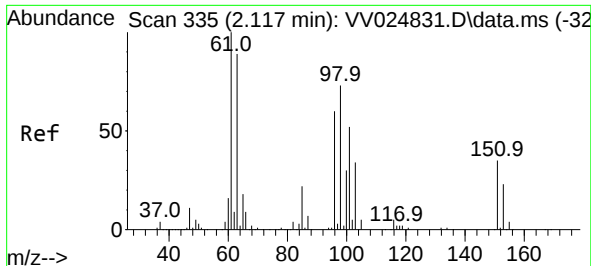
Tgt Ion: 64 Resp: 100176
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 54.889 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion:101 Resp: 208920
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

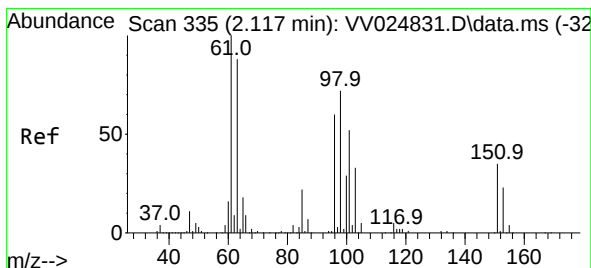
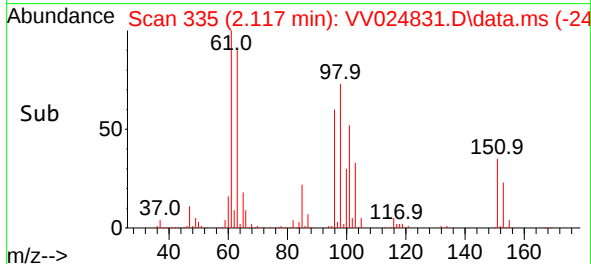
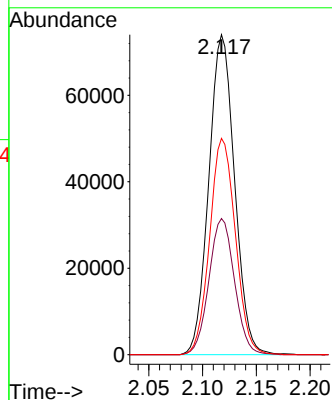
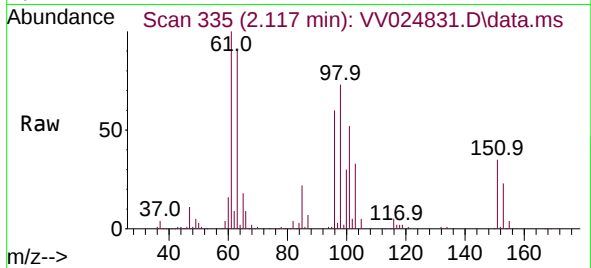




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 59.422 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024831.D
 Acq: 28 Feb 2022 11:32

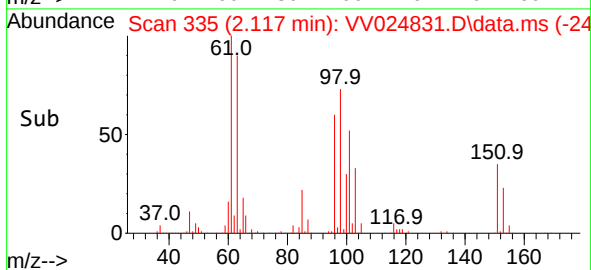
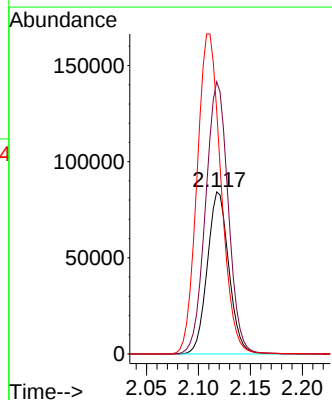
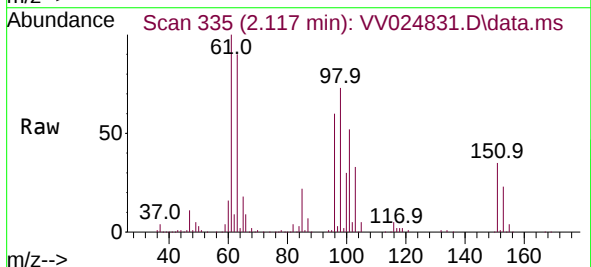
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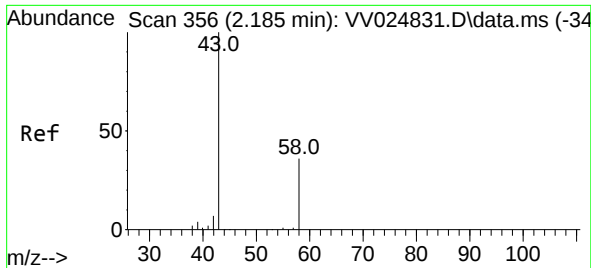
Tgt Ion:101 Resp: 123337
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.8 50.8
 151 67.6 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 60.383 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024831.D
 Acq: 28 Feb 2022 11:32

Tgt Ion: 96 Resp: 120918
 Ion Ratio Lower Upper
 96 100
 61 168.0 117.6 218.4
 63 150.4 105.3 195.5





#13

Acetone

Concen: 81.826 ug/L

RT: 2.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

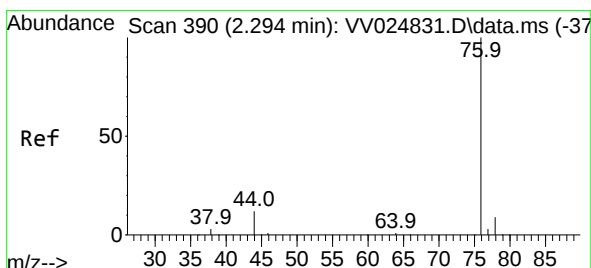
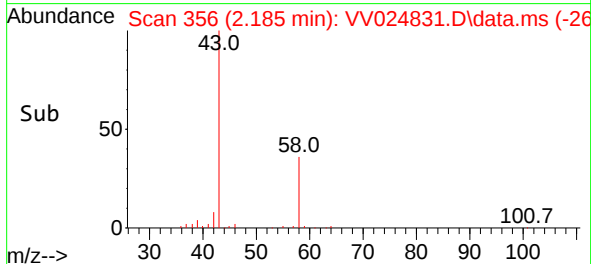
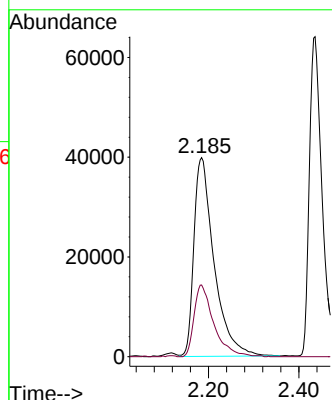
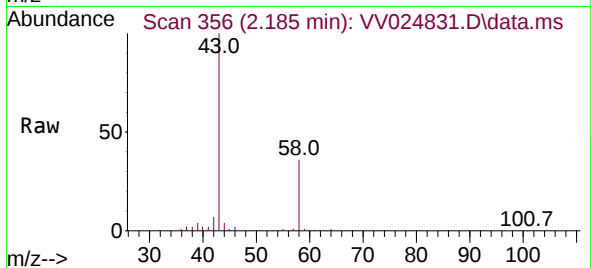
VSTD050209

Tgt Ion: 43 Resp: 123651

Ion Ratio Lower Upper

43 100

58 35.0 0.0 70.0



#14

Carbon disulfide

Concen: 65.710 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024831.D

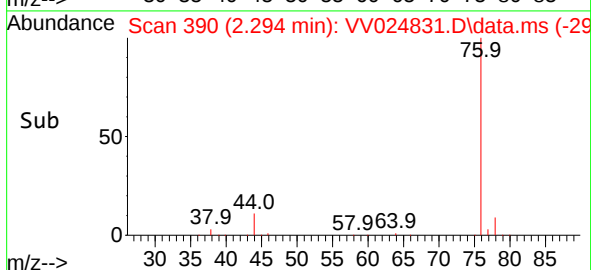
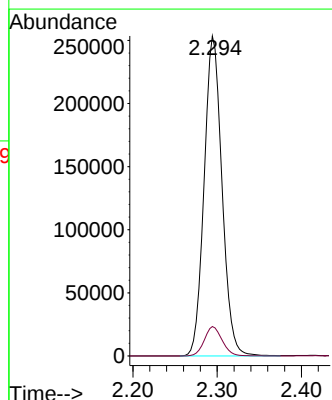
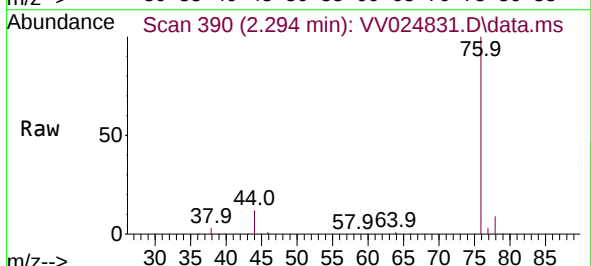
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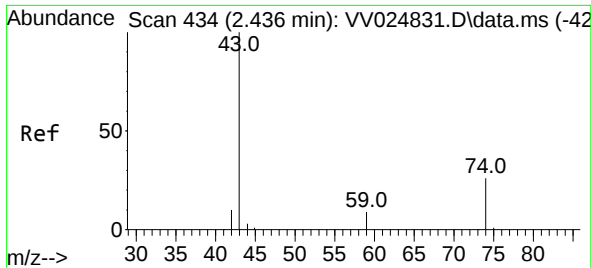
Tgt Ion: 76 Resp: 374863

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

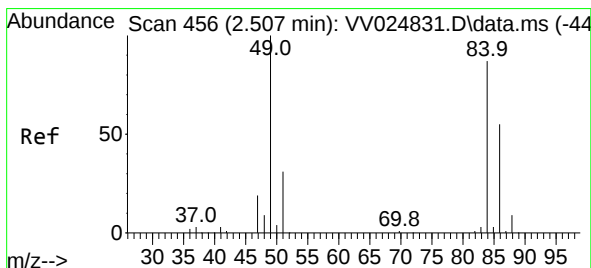
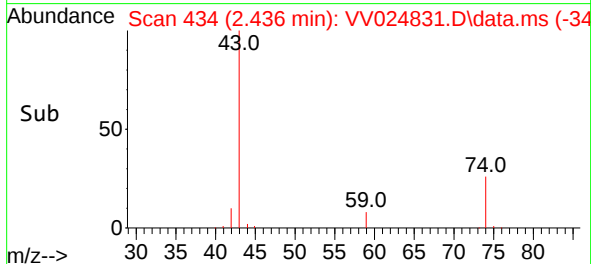
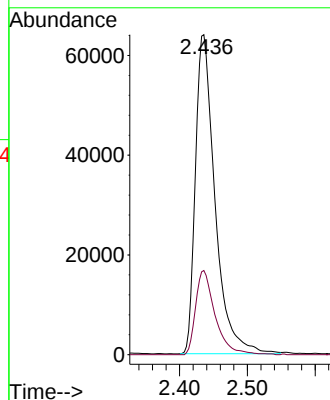
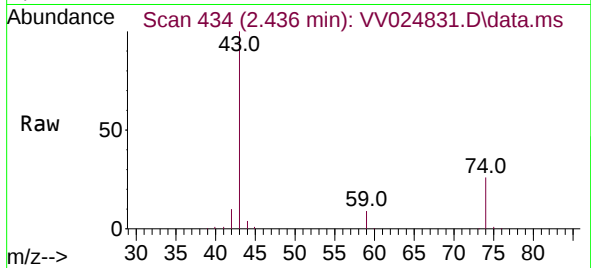




#15
Methyl Acetate
Concen: 59.130 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

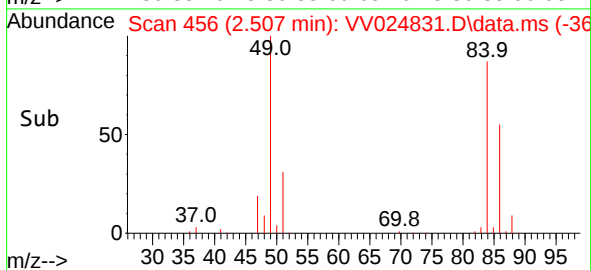
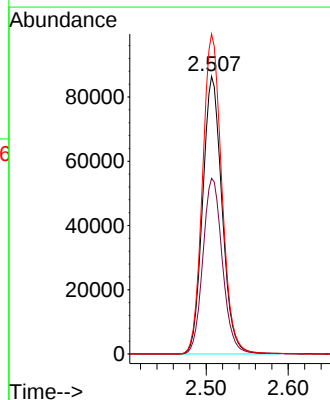
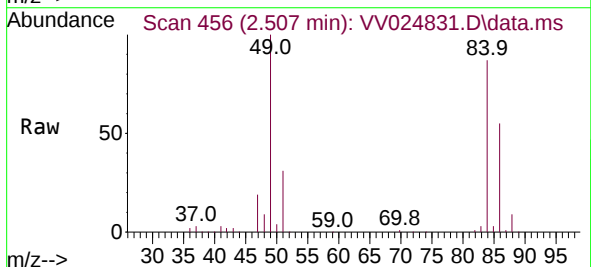
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

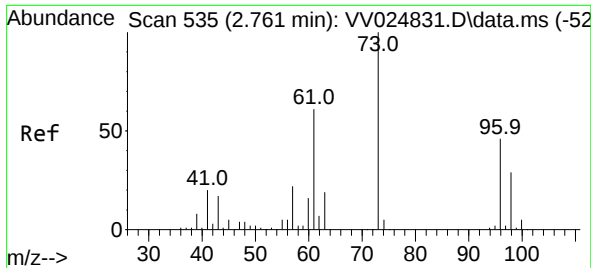
Tgt Ion: 43 Resp: 128638
Ion Ratio Lower Upper
43 100
74 26.2 21.0 31.4



#16
Methylene chloride
Concen: 63.007 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 84 Resp: 141483
Ion Ratio Lower Upper
84 100
86 63.3 44.3 82.3
49 115.3 80.7 149.9

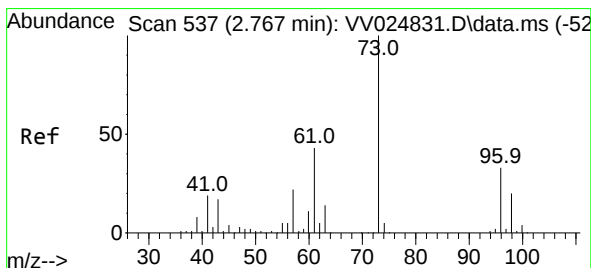
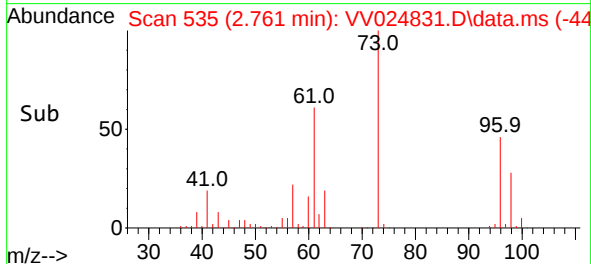
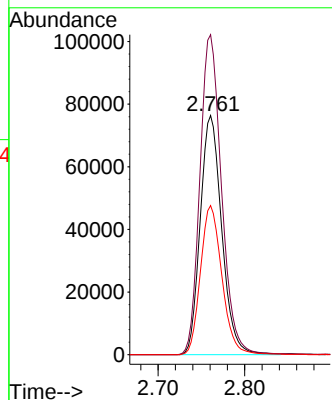
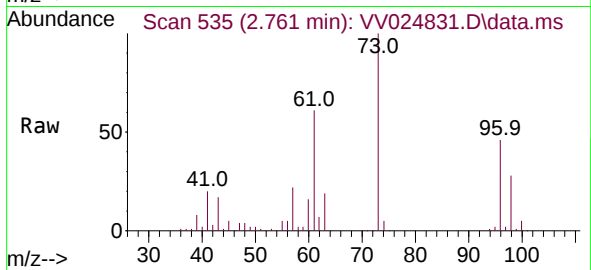




#17
trans-1,2-Dichloroethene
Concen: 63.466 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

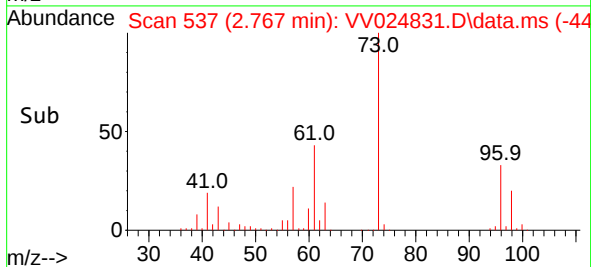
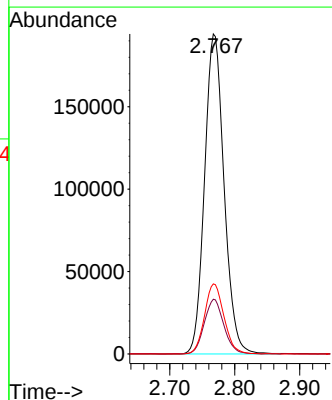
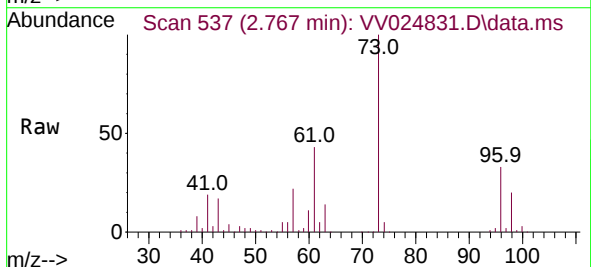
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

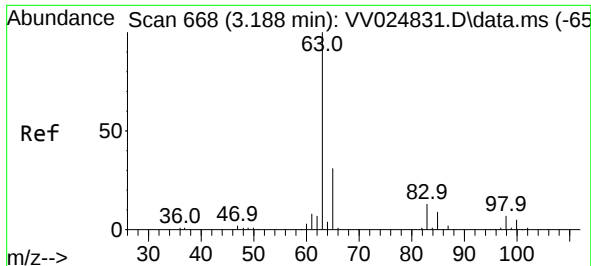
Tgt Ion: 96 Resp: 131978
Ion Ratio Lower Upper
96 100
61 133.8 93.7 173.9
98 62.4 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 57.746 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 73 Resp: 405773
Ion Ratio Lower Upper
73 100
43 17.0 13.6 20.4
57 21.8 17.4 26.2





#19

1,1-Dichloroethane

Concen: 60.600 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD050209

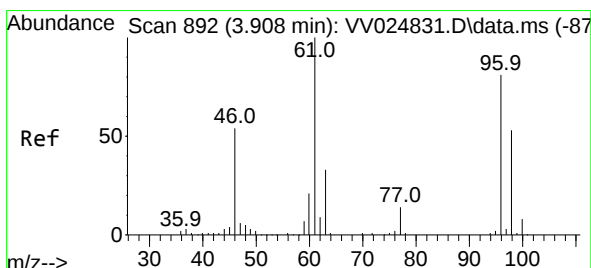
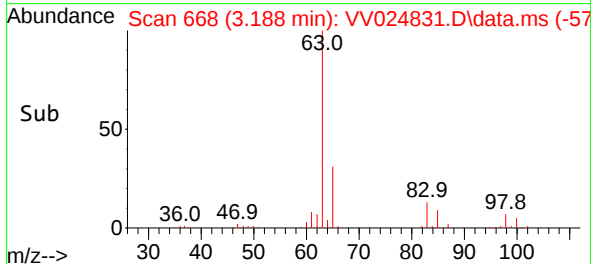
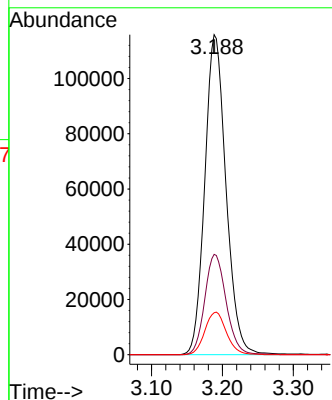
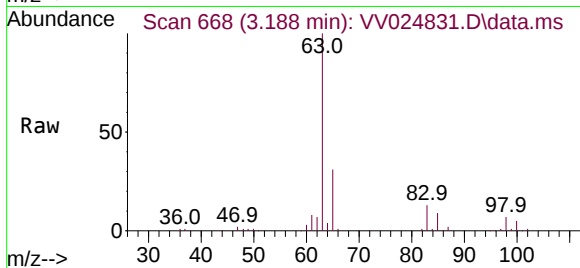
Tgt Ion: 63 Resp: 240834

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 13.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 61.139 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

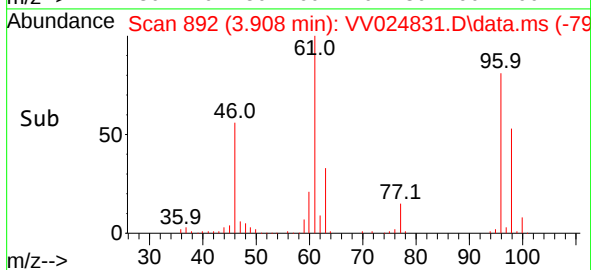
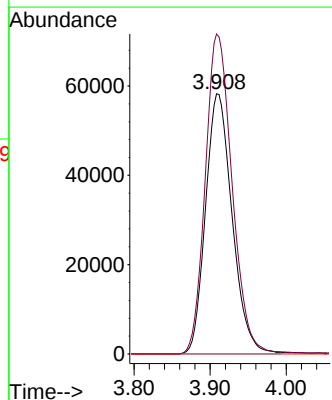
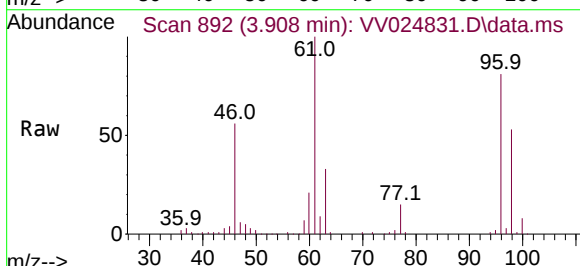
Tgt Ion: 96 Resp: 141597

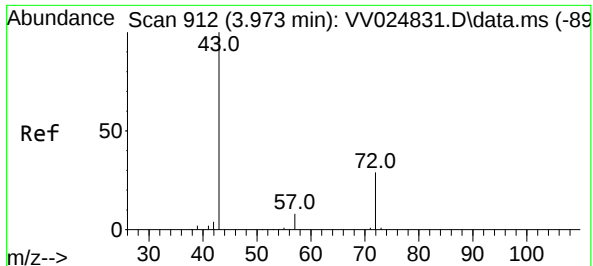
Ion Ratio Lower Upper

96 100

61 123.0 86.1 159.9

68 0.0 0.0 0.0

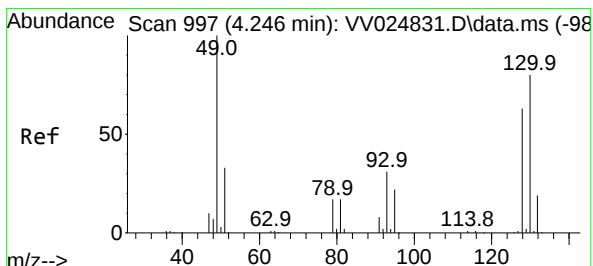
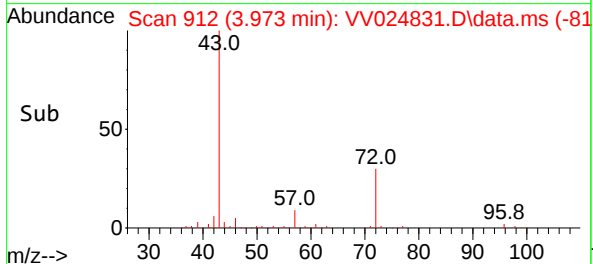
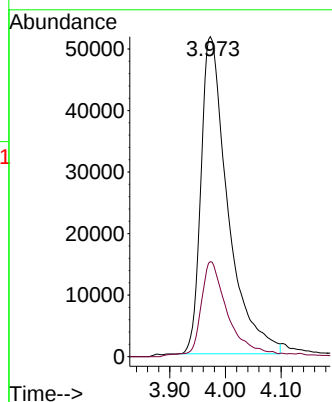
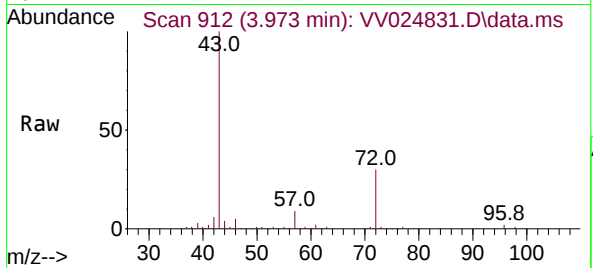




#22
2-Butanone
Concen: 98.825 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

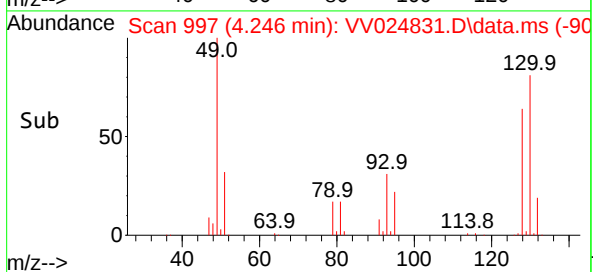
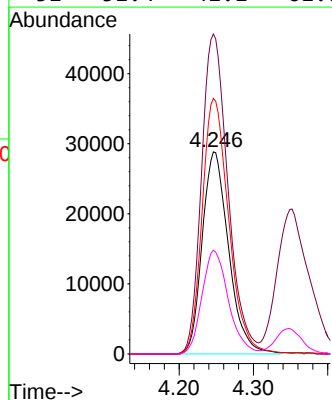
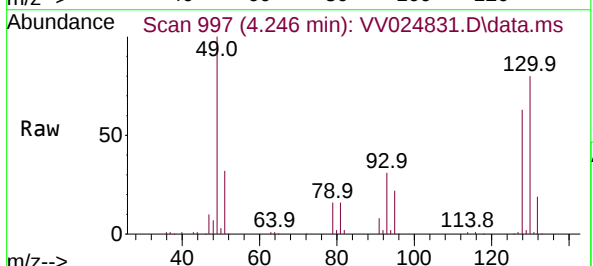
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

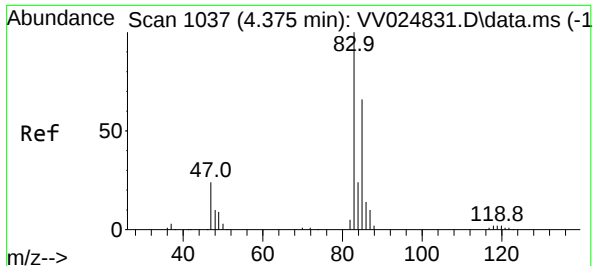
Tgt Ion: 43 Resp: 172685
Ion Ratio Lower Upper
43 100
72 27.7 13.9 41.6



#23
Bromochloromethane
Concen: 63.133 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 128 Resp: 71087
Ion Ratio Lower Upper
128 100
49 158.4 110.9 205.9
130 126.4 88.5 164.3
51 51.4 41.1 61.7





#25

Chloroform

Concen: 59.993 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

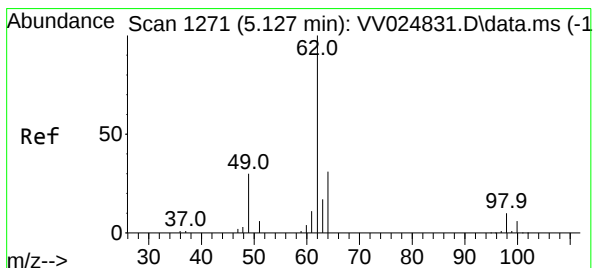
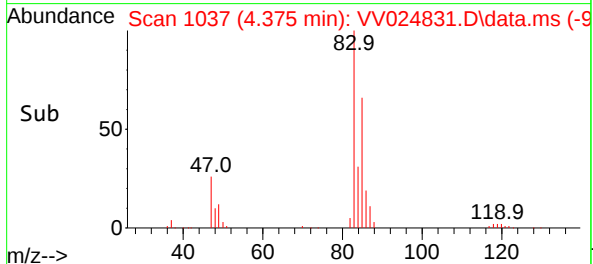
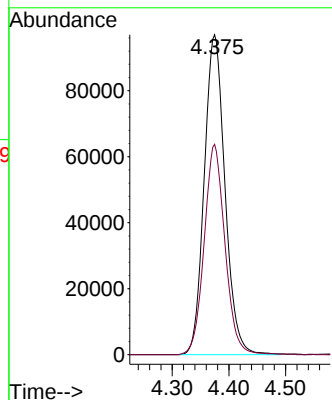
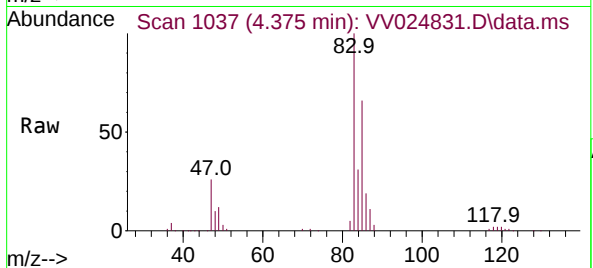
VSTD050209

Tgt Ion: 83 Resp: 246733

Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 56.006 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV024831.D

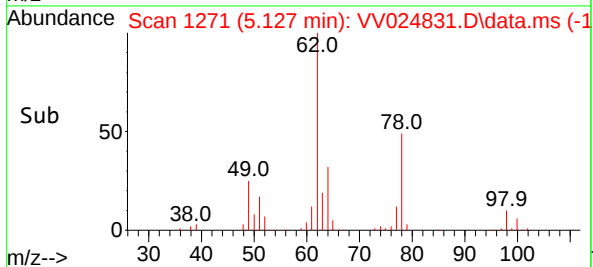
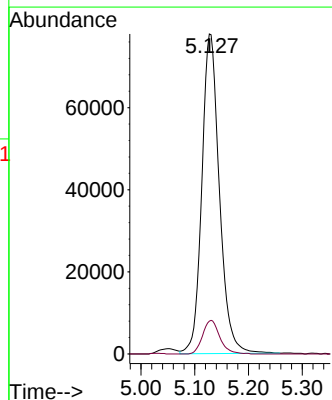
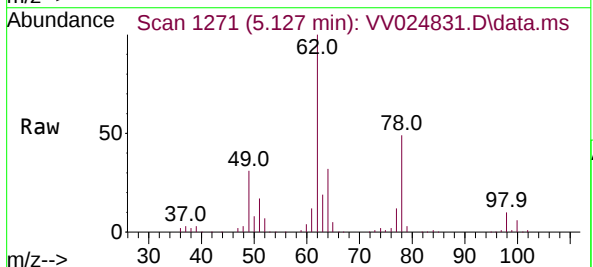
Acq: 28 Feb 2022 11:32

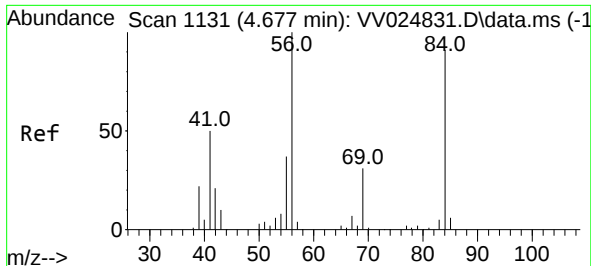
Tgt Ion: 62 Resp: 176785

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4

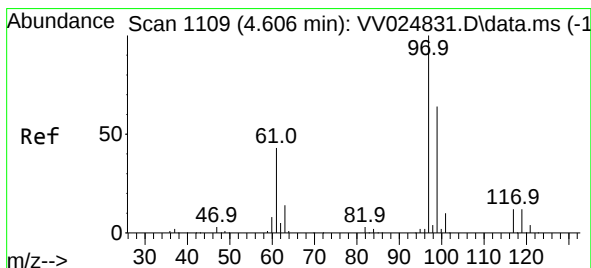
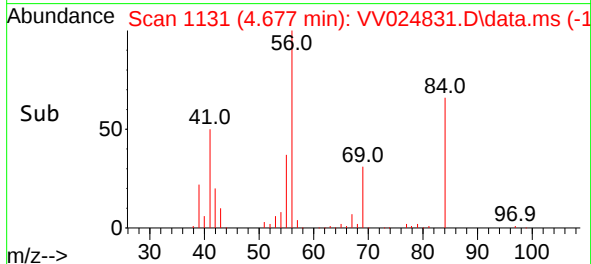
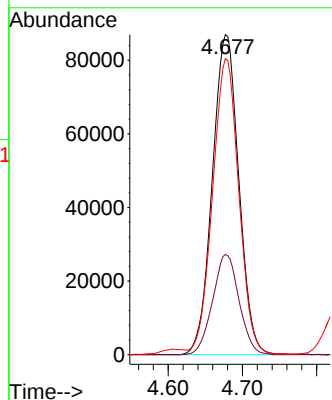
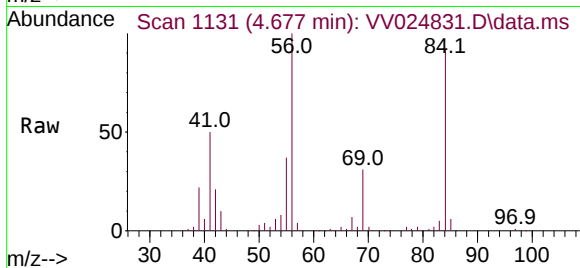




#29
Cyclohexane
Concen: 56.530 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

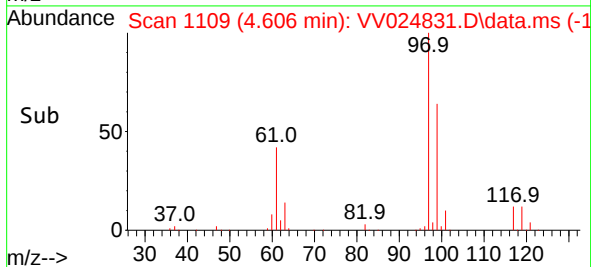
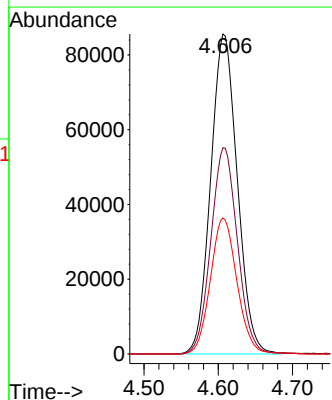
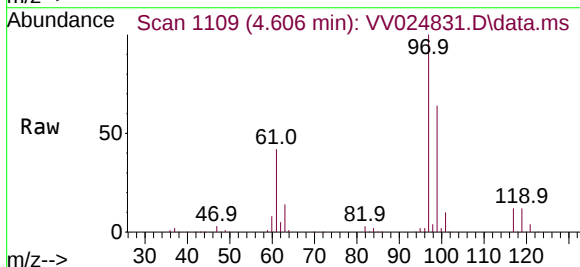
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

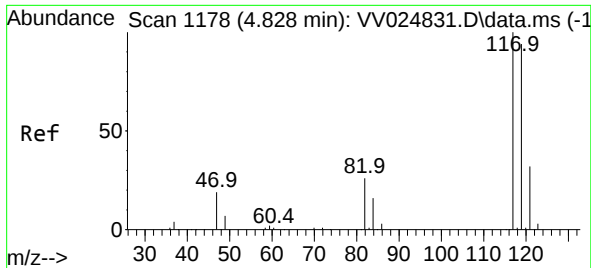
Tgt Ion: 56 Resp: 215082
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 91.8 73.4 110.2



#30
1,1,1-Trichloroethane
Concen: 55.227 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 97 Resp: 213202
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 42.3 33.8 50.8

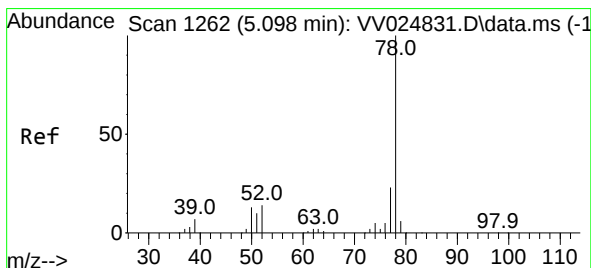
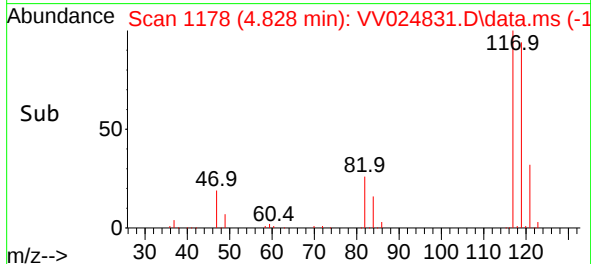
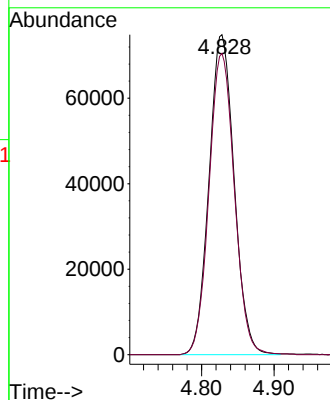
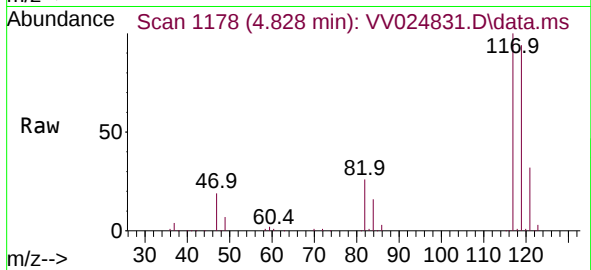




#31
Carbon tetrachloride
Concen: 56.305 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

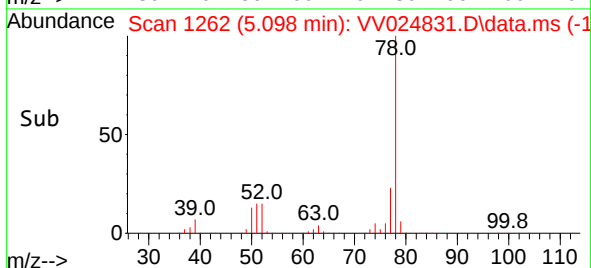
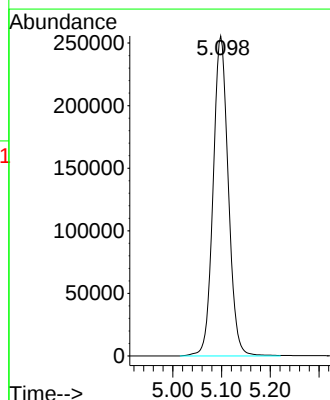
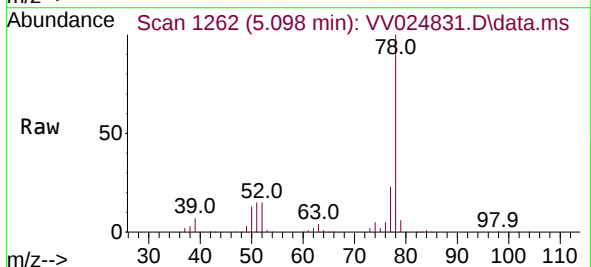
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

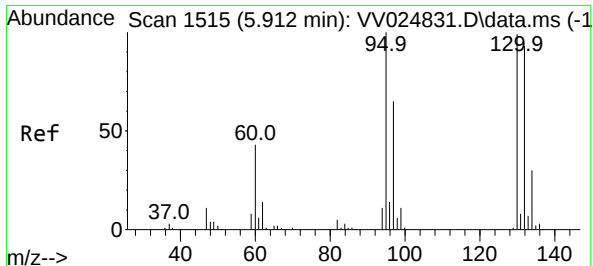
Tgt Ion:117 Resp: 180302
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 58.874 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 78 Resp: 552723

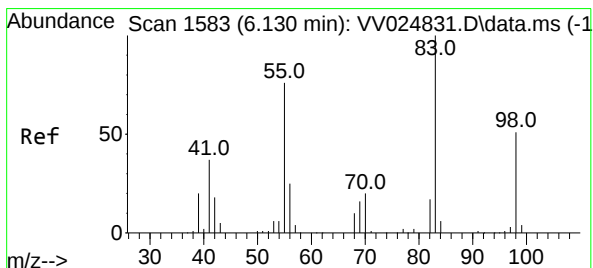
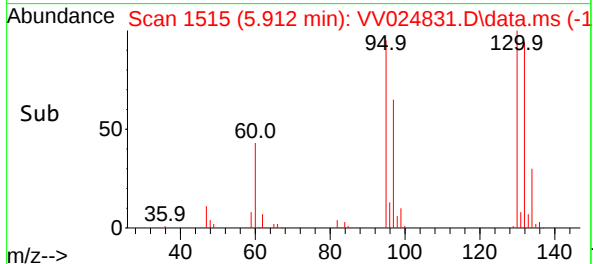
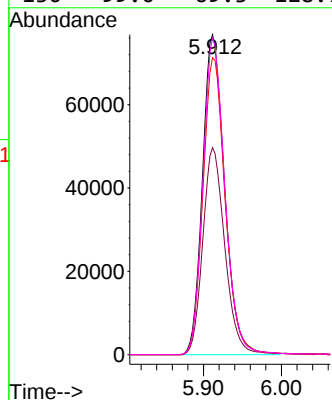
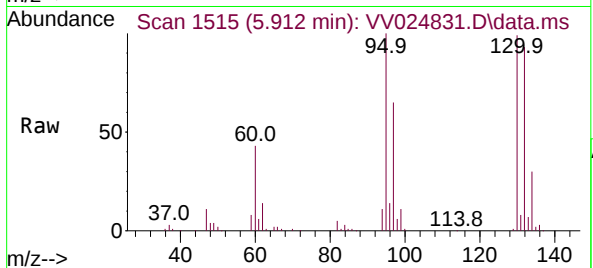




#34
Trichloroethene
Concen: 57.873 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

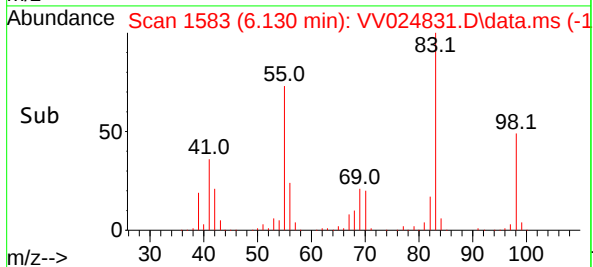
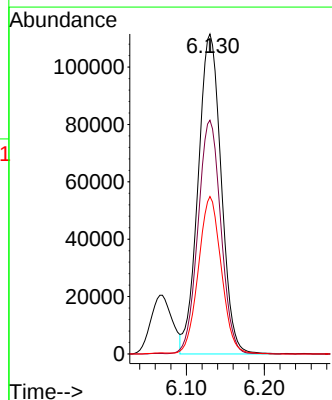
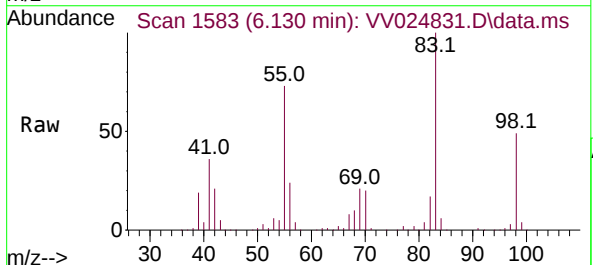
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

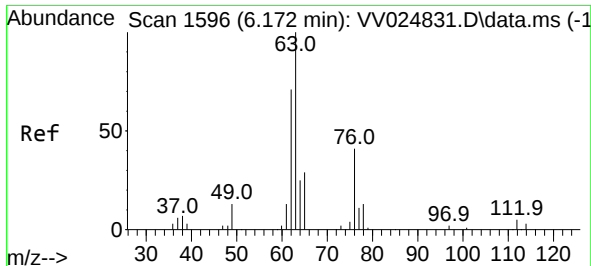
Tgt Ion: 95 Resp: 151581
Ion Ratio Lower Upper
95 100
97 64.7 45.3 84.1
132 92.8 65.0 120.6
130 99.0 69.3 128.7



#35
Methylcyclohexane
Concen: 57.767 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 83 Resp: 229758
Ion Ratio Lower Upper
83 100
55 72.1 57.7 86.5
98 48.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 57.521 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

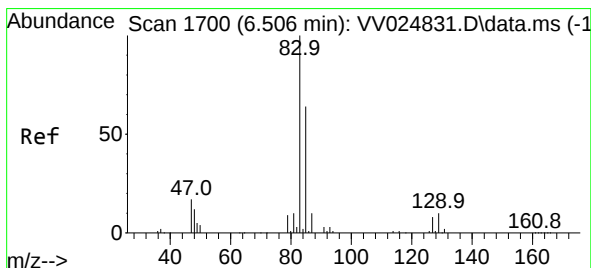
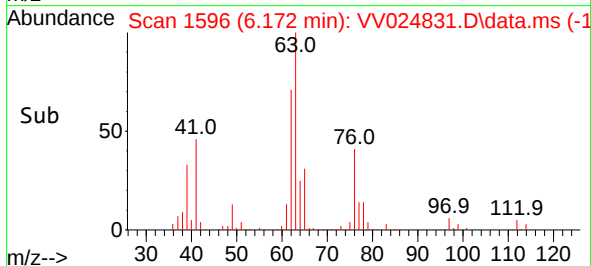
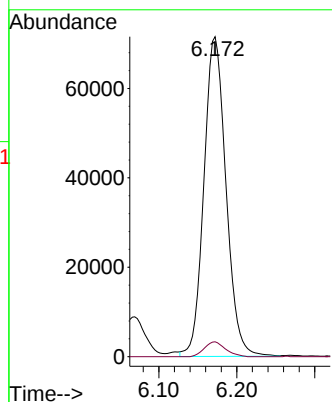
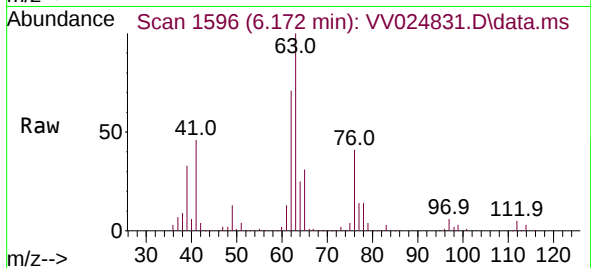
VSTD050209

Tgt Ion: 63 Resp: 140942

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 54.147 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

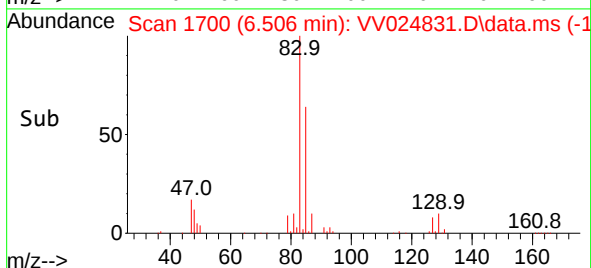
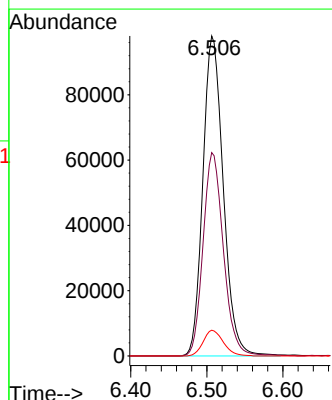
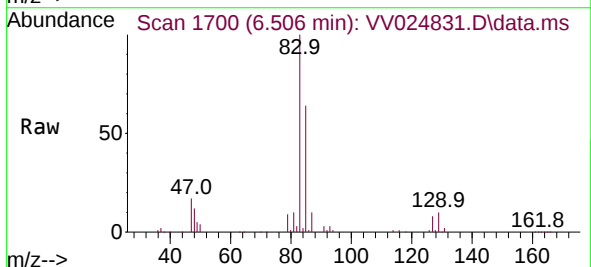
Tgt Ion: 83 Resp: 182874

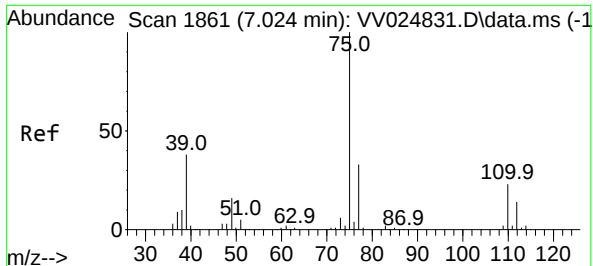
Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 55.089 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

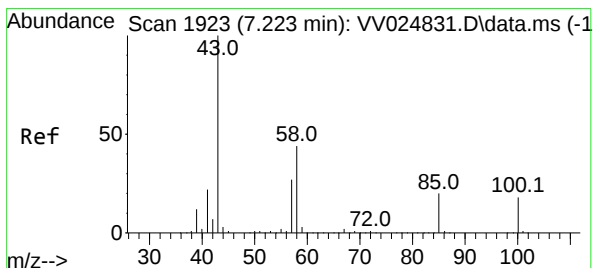
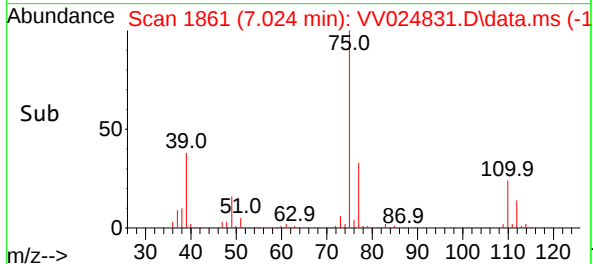
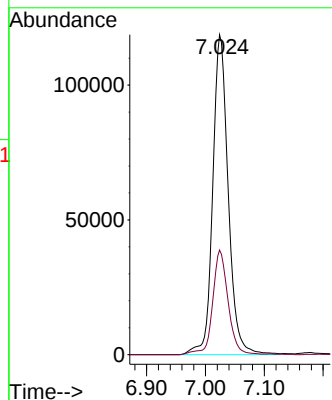
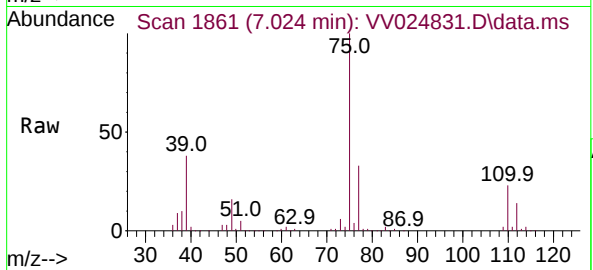
VSTD050209

Tgt Ion: 75 Resp: 217637

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 103.226 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

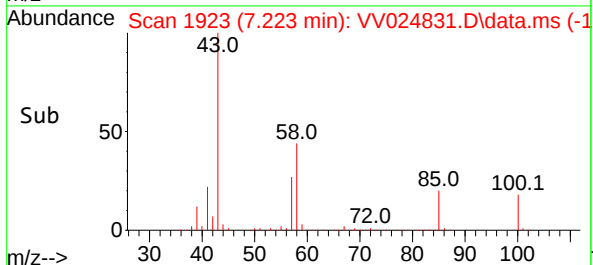
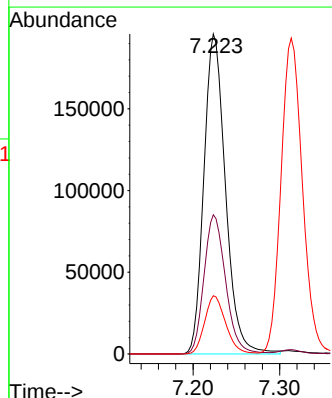
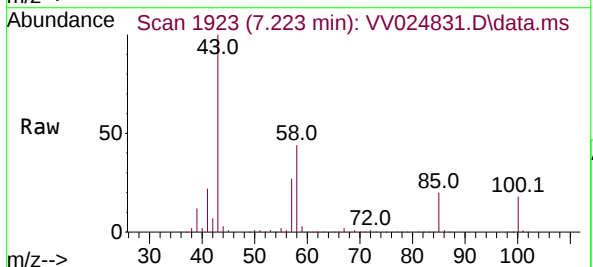
Tgt Ion: 43 Resp: 339616

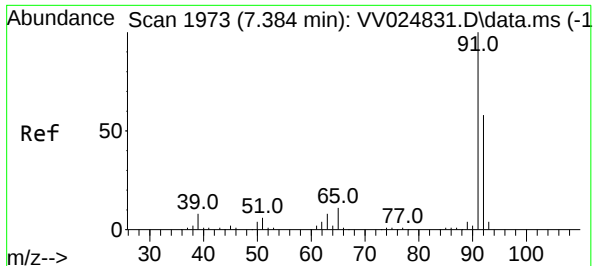
Ion Ratio Lower Upper

43 100

58 43.5 34.8 52.2

100 17.7 14.2 21.2





#42

Toluene

Concen: 58.180 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

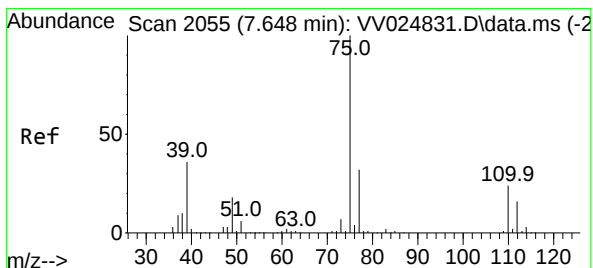
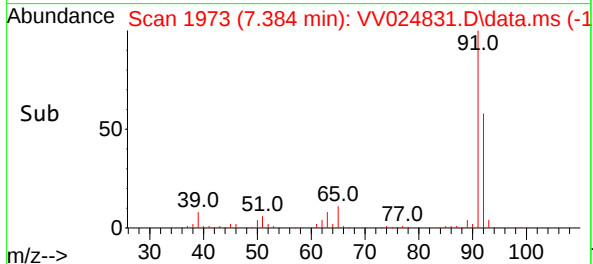
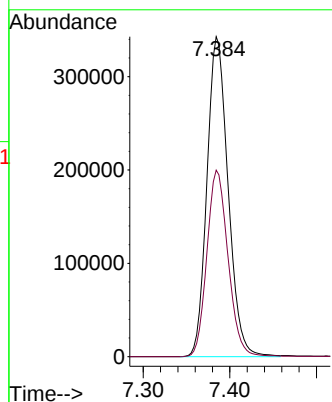
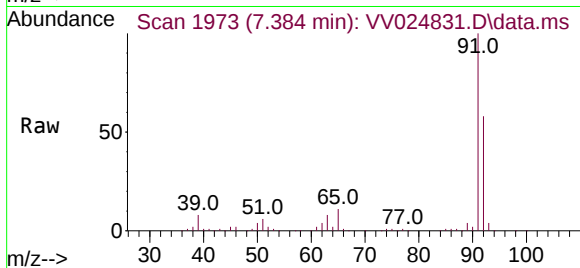
VSTD050209

Tgt Ion: 91 Resp: 580883

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 52.713 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024831.D

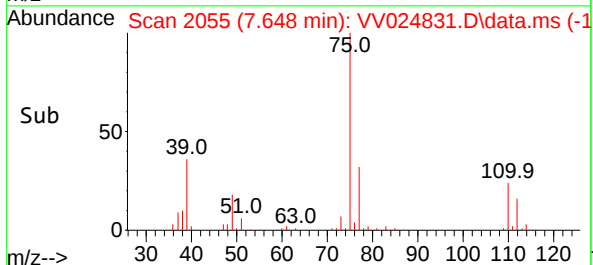
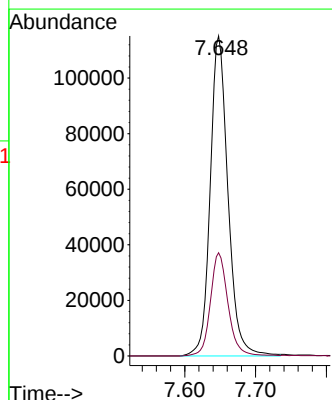
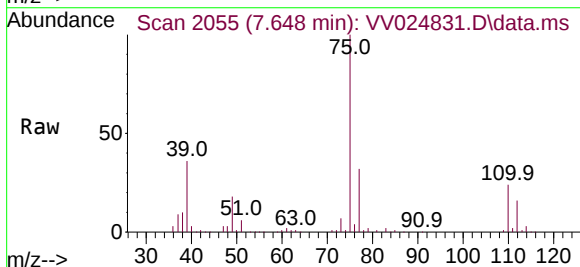
Acq: 28 Feb 2022 11:32

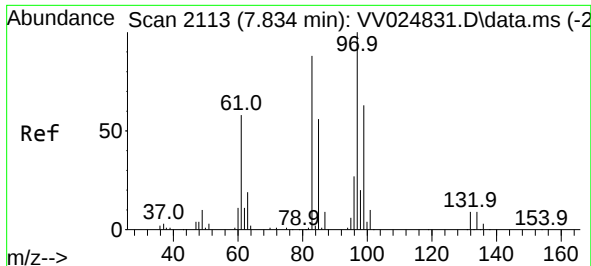
Tgt Ion: 75 Resp: 200392

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 57.053 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD050209

Tgt Ion: 97 Resp: 133900

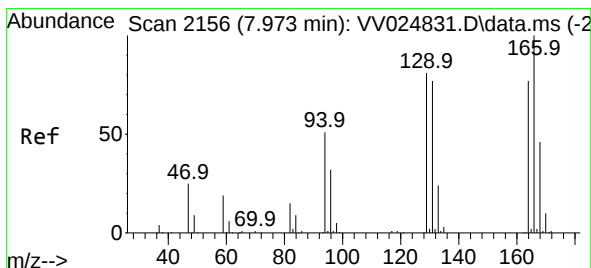
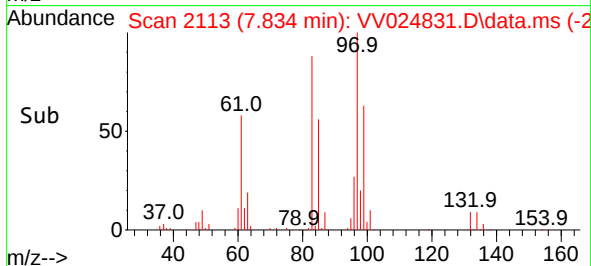
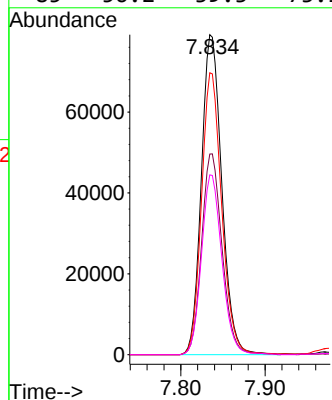
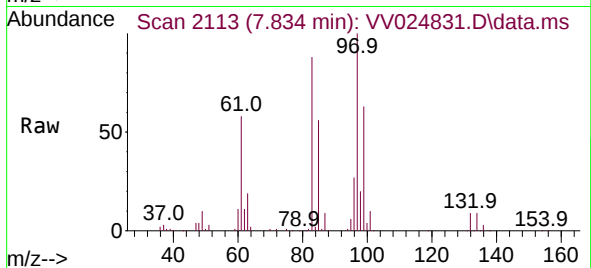
Ion Ratio Lower Upper

97 100

99 62.7 43.9 81.5

83 88.1 61.7 114.5

85 56.2 39.3 73.1



#46

Tetrachloroethene

Concen: 60.182 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Tgt Ion:164 Resp: 94960

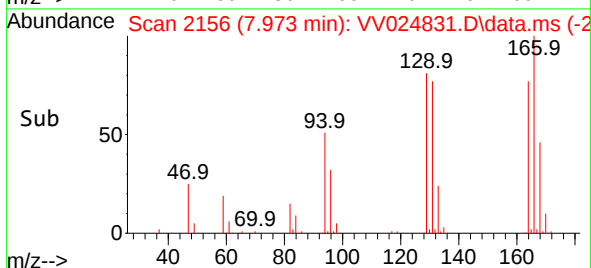
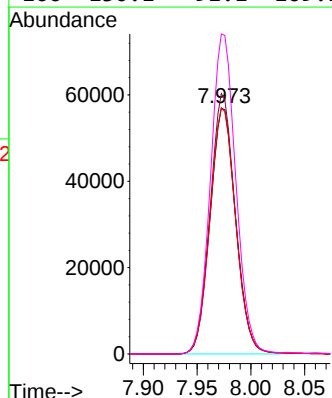
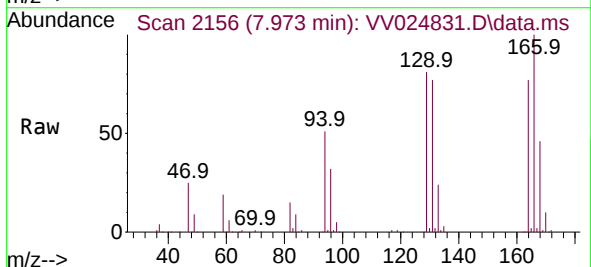
Ion Ratio Lower Upper

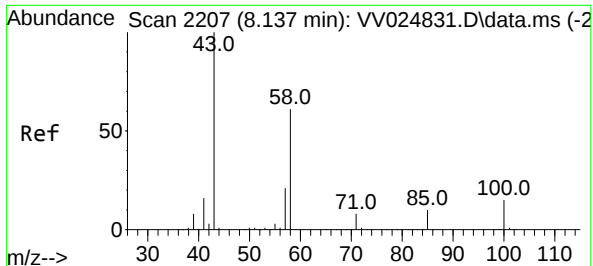
164 100

129 105.9 74.1 137.7

131 100.1 70.1 130.1

166 130.1 91.1 169.1



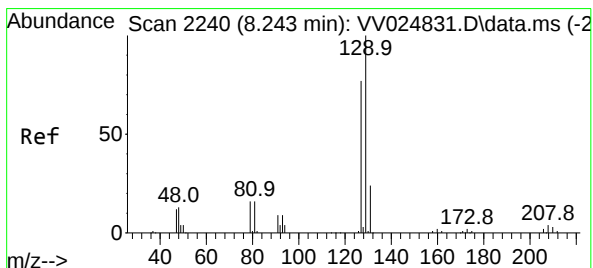
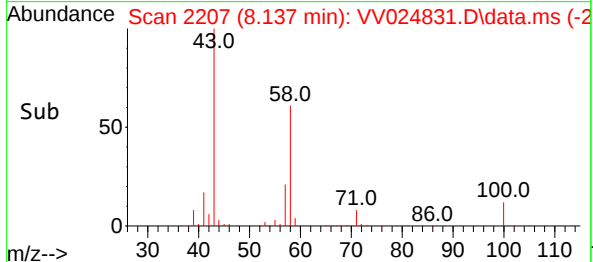
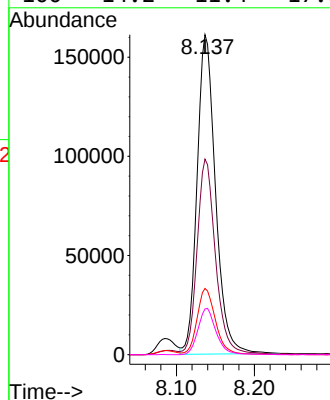
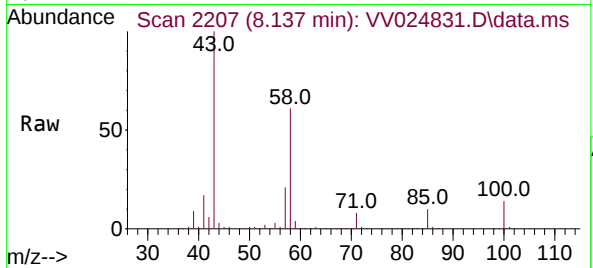


#48
2-Hexanone
Concen: 96.516 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

Tgt Ion: 43 Resp: 264813

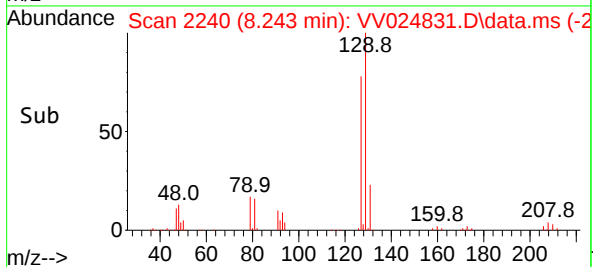
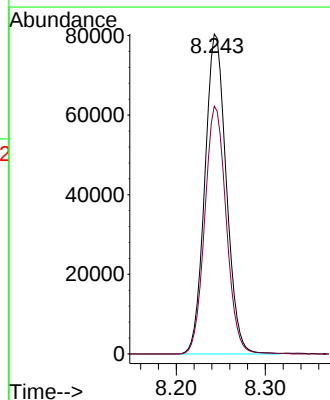
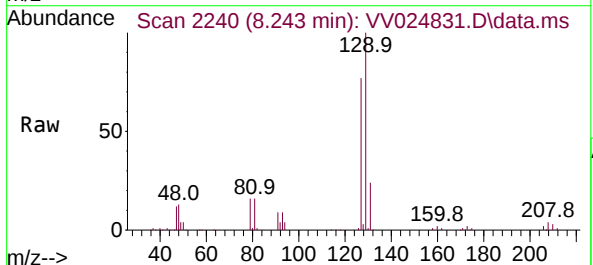
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.6	72.8
57	20.6	16.5	24.7
100	14.2	11.4	17.0

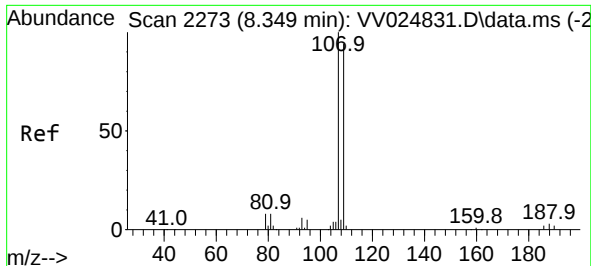


#49
Dibromochloromethane
Concen: 55.001 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 129 Resp: 134227

Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.2	100.6





#50

1,2-Dibromoethane

Concen: 57.845 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD050209

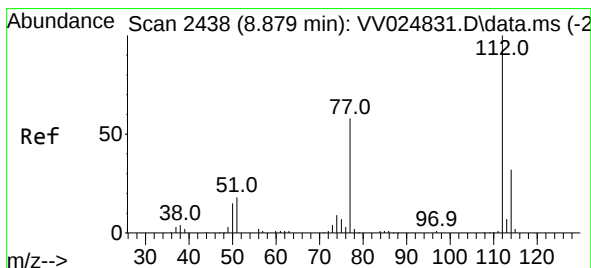
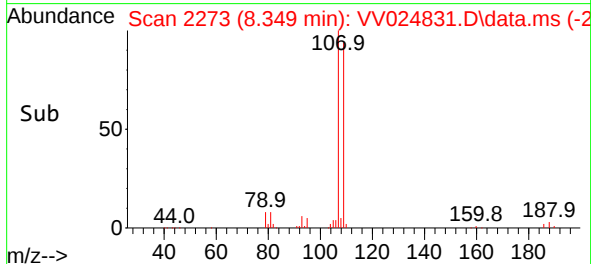
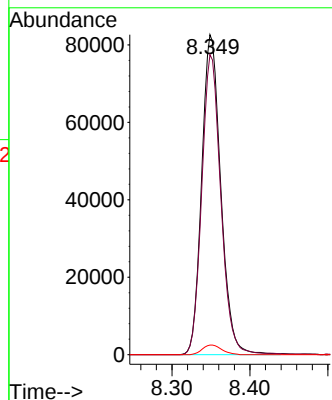
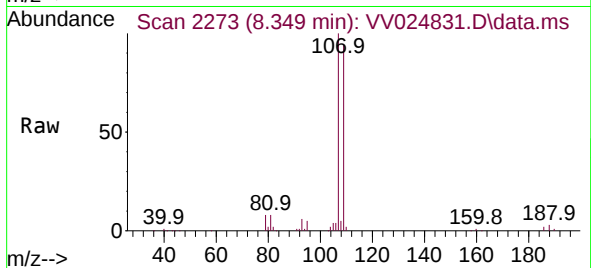
Tgt Ion:107 Resp: 140761

Ion Ratio Lower Upper

107 100

109 93.7 65.6 121.8

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 57.944 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

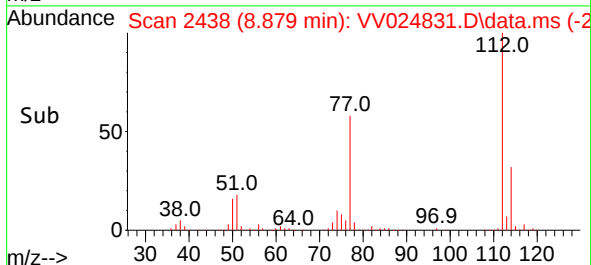
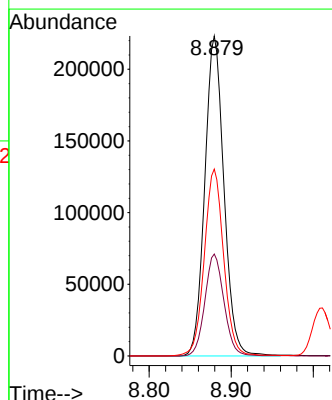
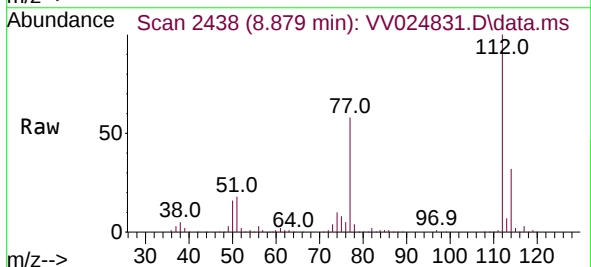
Tgt Ion:112 Resp: 361761

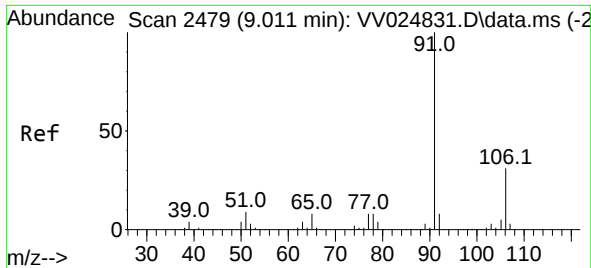
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 58.4 46.7 70.1

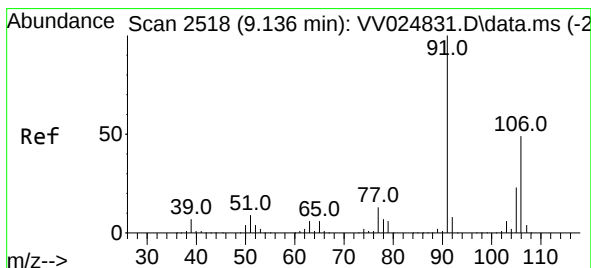
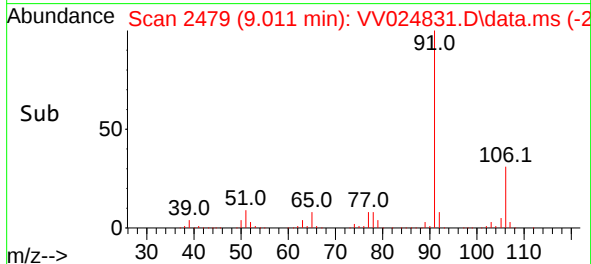
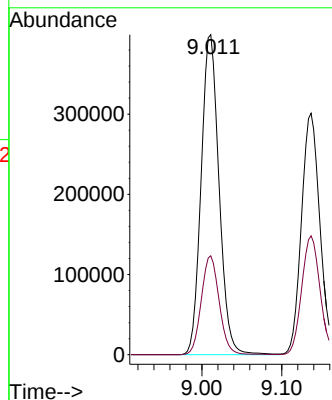
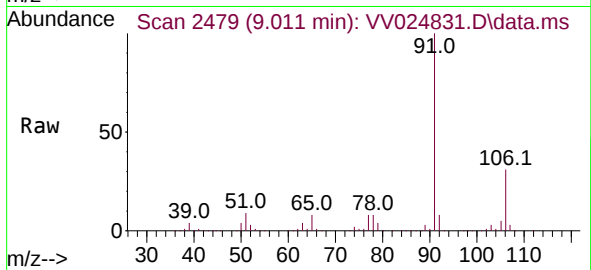




#52
Ethylbenzene
Concen: 56.706 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

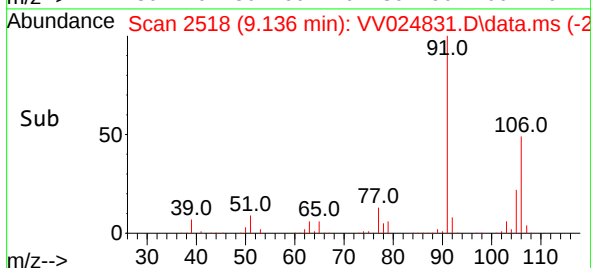
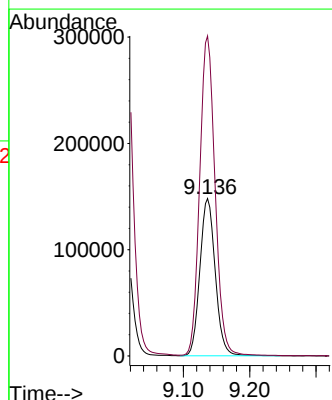
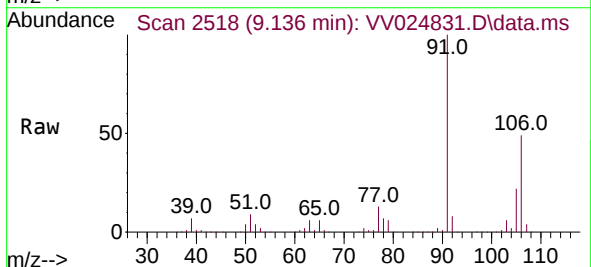
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

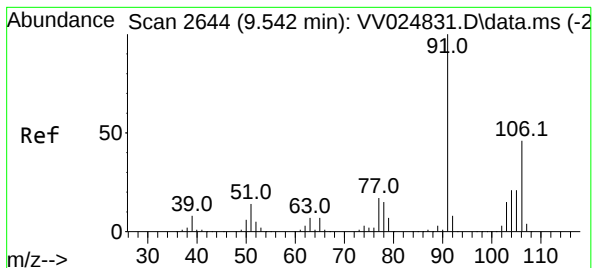
Tgt Ion: 91 Resp: 623055
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-Xylene
Concen: 57.581 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 106 Resp: 237836
Ion Ratio Lower Upper
106 100
91 203.2 142.2 264.2





#54

o-Xylene

Concen: 56.525 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

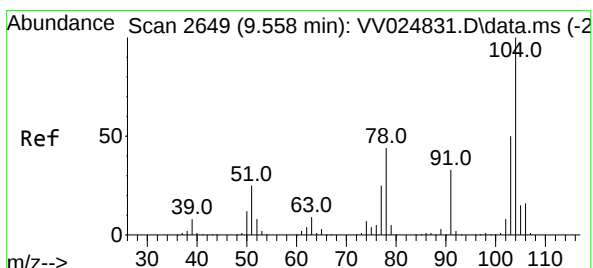
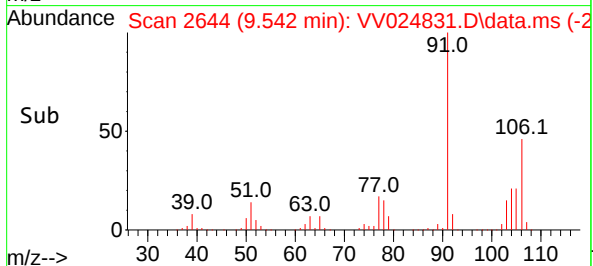
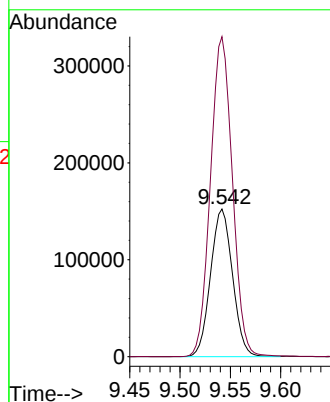
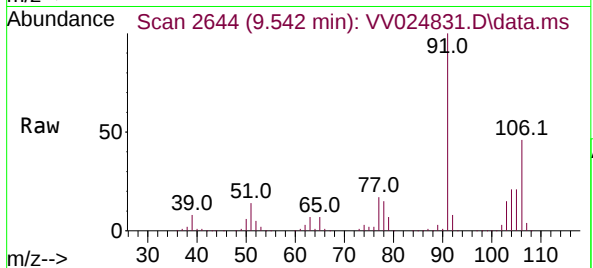
VSTD050209

Tgt Ion:106 Resp: 231962

Ion Ratio Lower Upper

106 100

91 216.6 151.6 281.6



#55

Styrene

Concen: 57.696 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.000 min

Lab File: VV024831.D

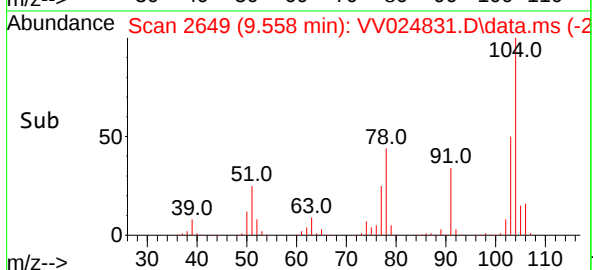
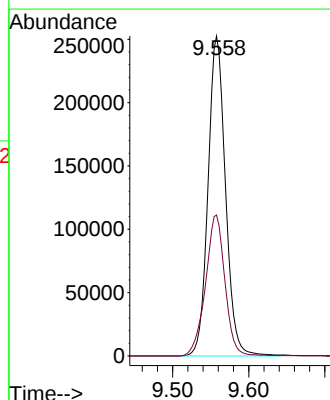
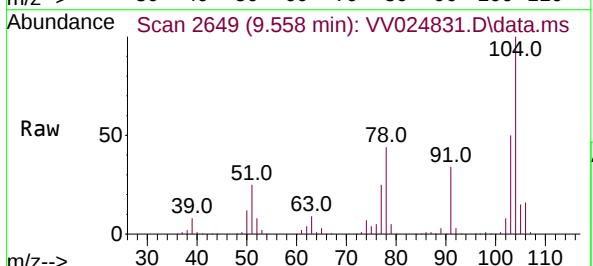
Acq: 28 Feb 2022 11:32

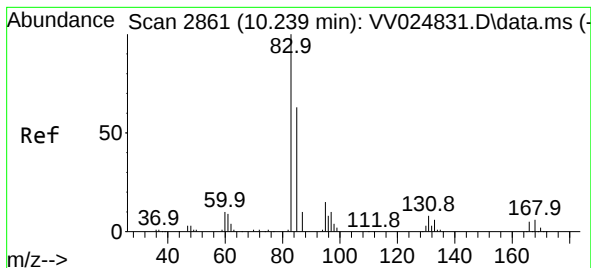
Tgt Ion:104 Resp: 402290

Ion Ratio Lower Upper

104 100

78 44.1 30.9 57.3

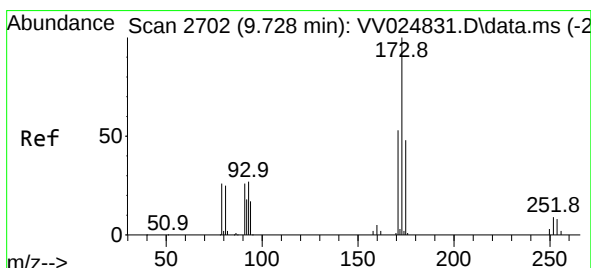
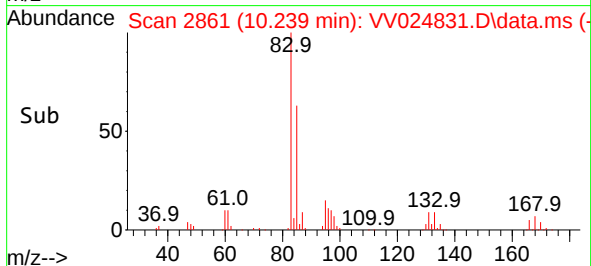
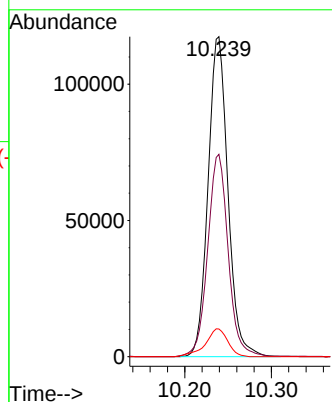
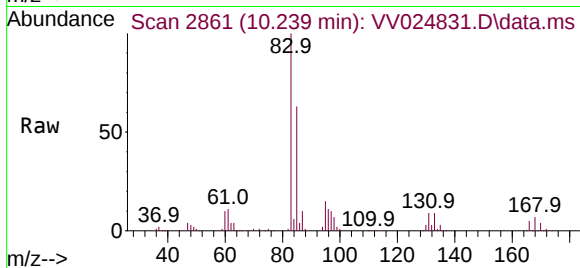




#57
 1,1,2,2-Tetrachloroethane
 Concen: 56.248 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024831.D
 Acq: 28 Feb 2022 11:32

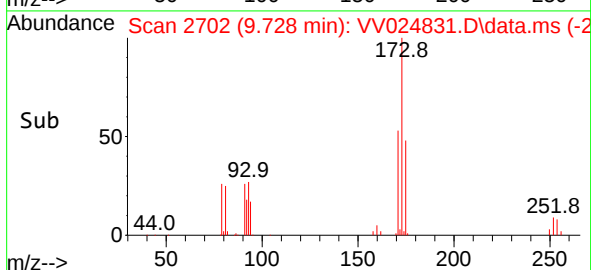
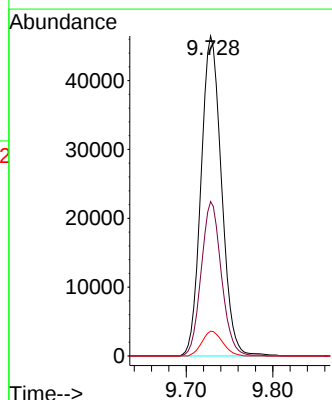
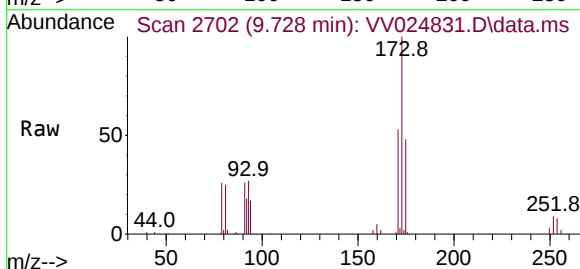
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050209

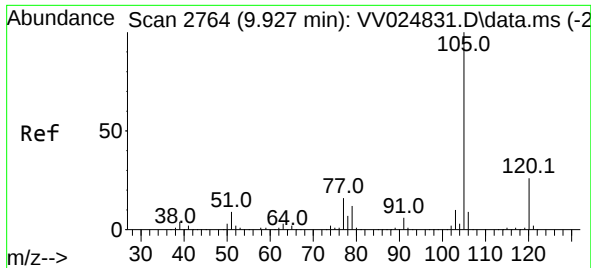
Tgt Ion: 83 Resp: 187211
 Ion Ratio Lower Upper
 83 100
 85 63.2 44.2 82.2
 131 8.7 7.0 10.4



#59
 Bromoform
 Concen: 50.068 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV024831.D
 Acq: 28 Feb 2022 11:32

Tgt Ion: 173 Resp: 76404
 Ion Ratio Lower Upper
 173 100
 175 47.4 37.9 56.9
 254 7.8 6.2 9.4

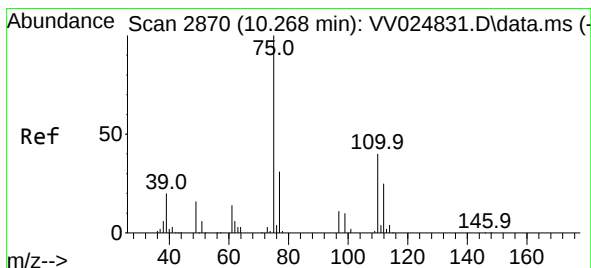
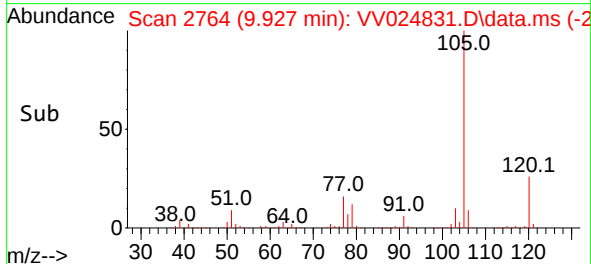
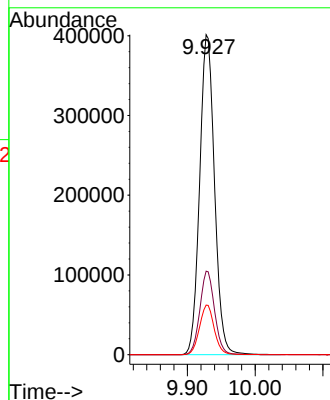
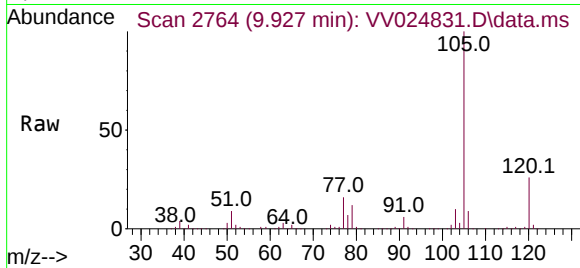




#60
Isopropylbenzene
Concen: 52.824 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

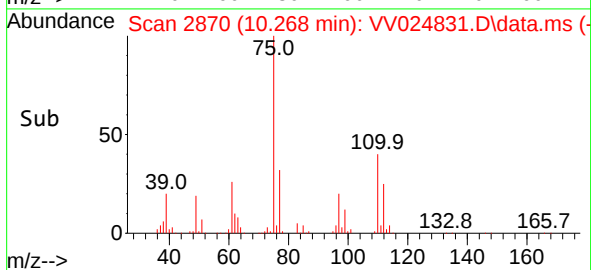
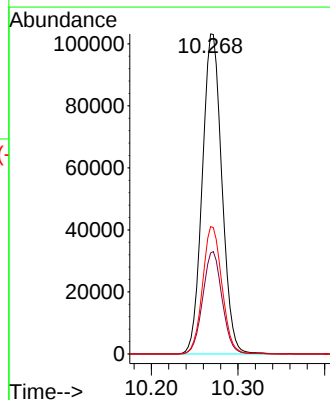
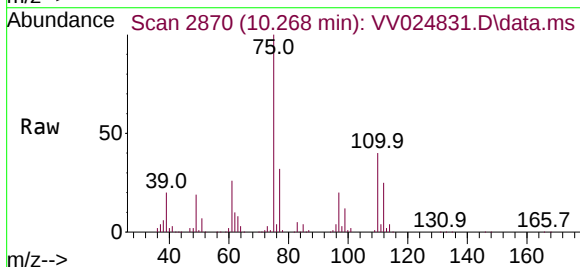
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

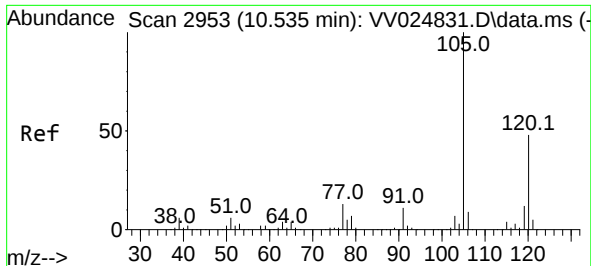
Tgt Ion:105 Resp: 610693
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 51.145 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 75 Resp: 162014
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 39.3 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 44.207 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

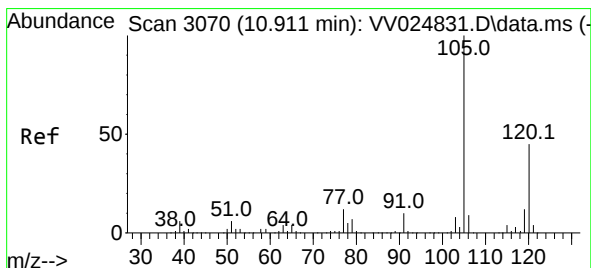
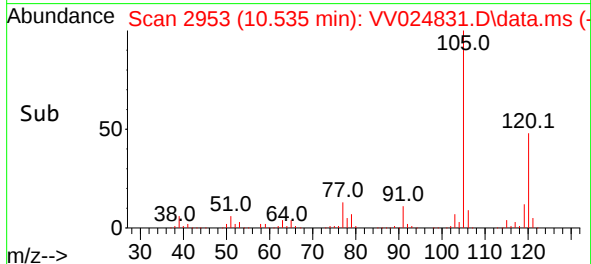
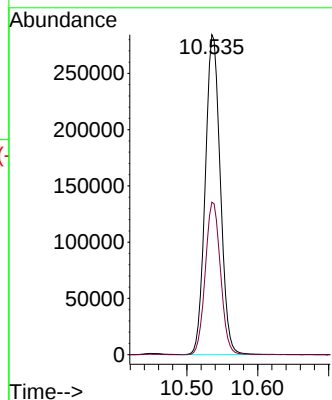
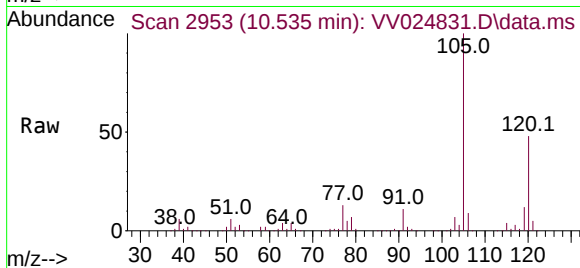
VSTD050209

Tgt Ion:105 Resp: 418239

Ion Ratio Lower Upper

105 100

120 48.3 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 51.989 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024831.D

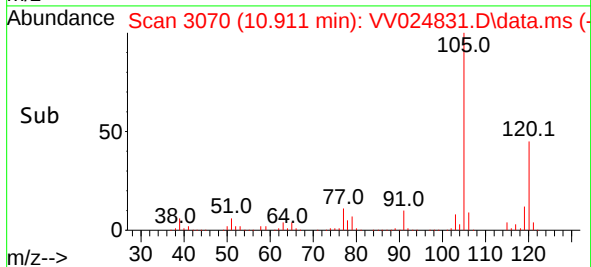
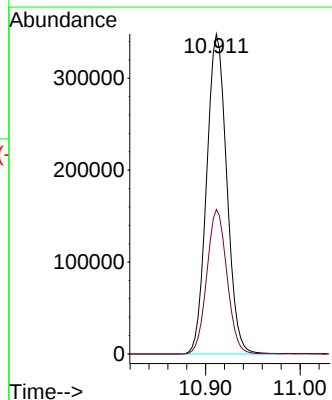
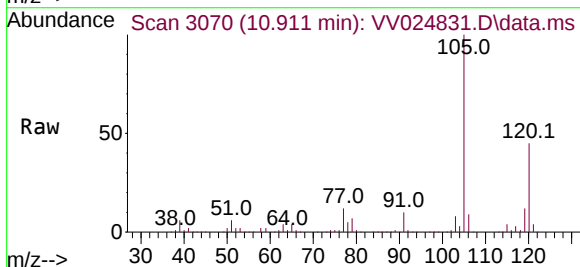
Acq: 28 Feb 2022 11:32

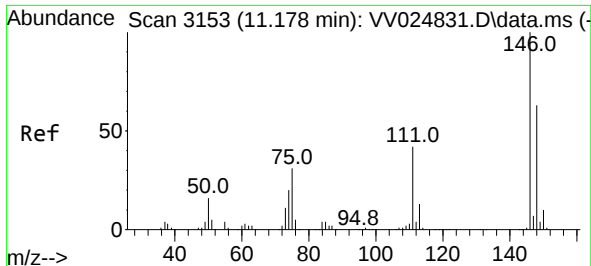
Tgt Ion:105 Resp: 514539

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1

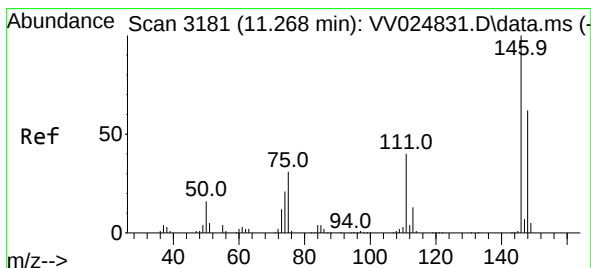
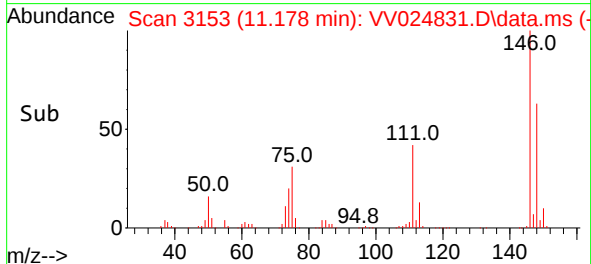
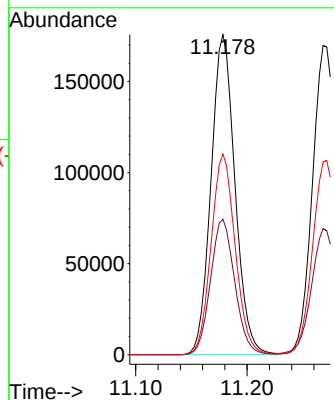
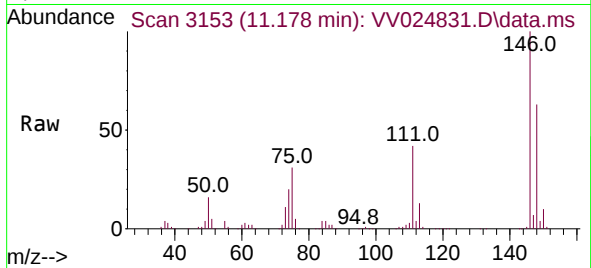




#64
1,3-Dichlorobenzene
Concen: 55.035 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

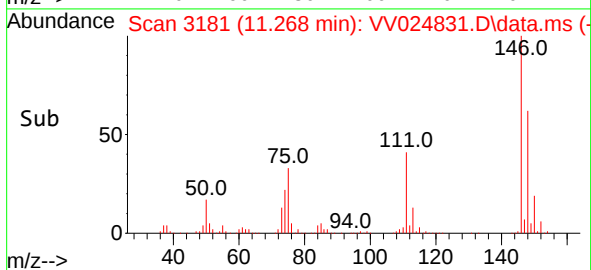
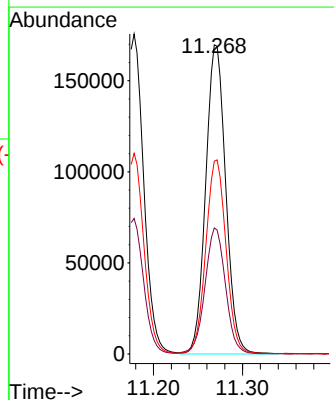
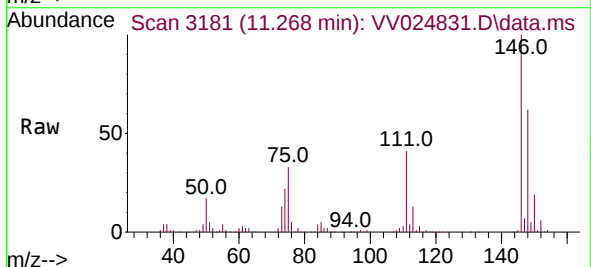
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

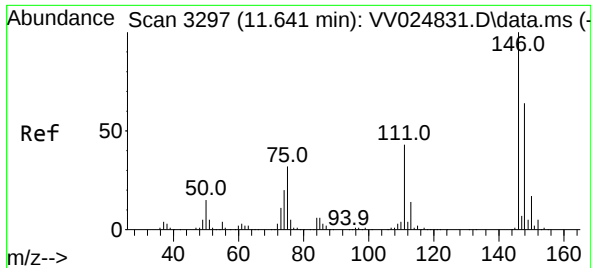
Tgt Ion:146 Resp: 262484
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 62.7 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 54.728 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion:146 Resp: 265393
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.0
148 62.4 43.7 81.1

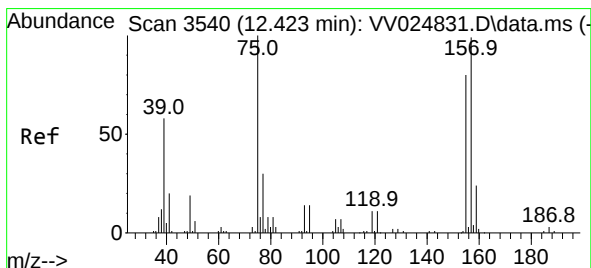
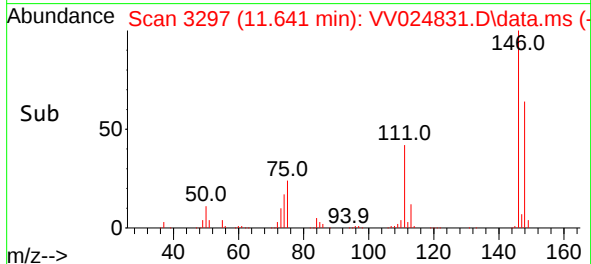
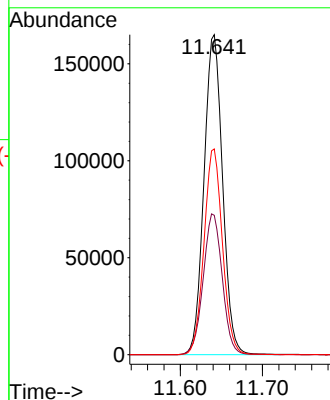
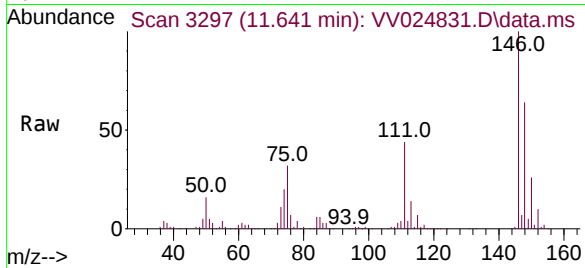




#67
1,2-Dichlorobenzene
Concen: 54.482 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

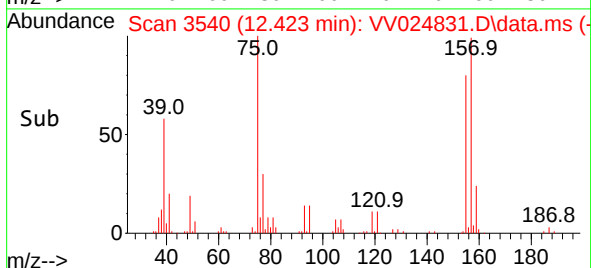
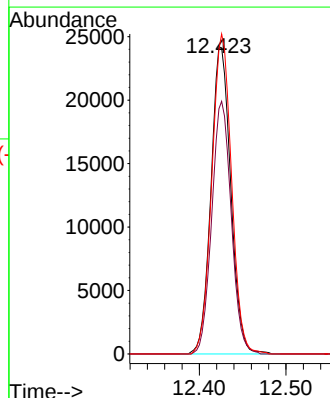
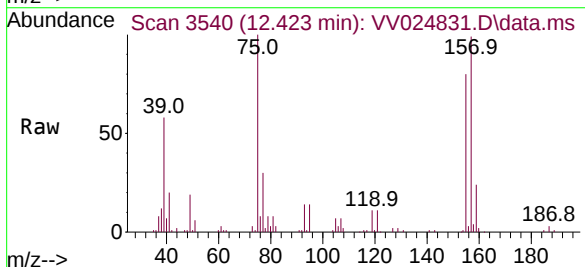
Instrument :
MSVOA_V
ClientSampleId :
VSTD050209

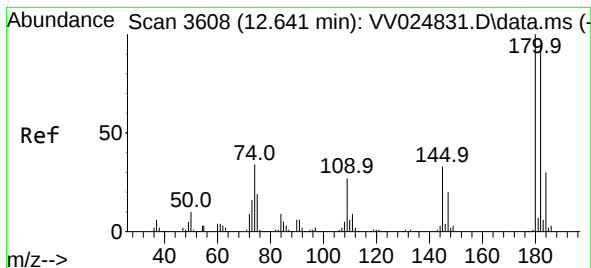
Tgt Ion:146 Resp: 260437
Ion Ratio Lower Upper
146 100
111 43.6 34.9 52.3
148 64.3 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 47.019 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VV024831.D
Acq: 28 Feb 2022 11:32

Tgt Ion: 75 Resp: 38447
Ion Ratio Lower Upper
75 100
155 79.8 63.8 95.8
157 99.1 79.3 118.9





#69

1,3,5-Trichlorobenzene

Concen: 55.090 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD050209

Tgt Ion:180 Resp: 175165

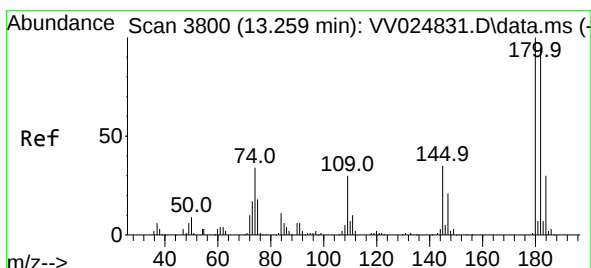
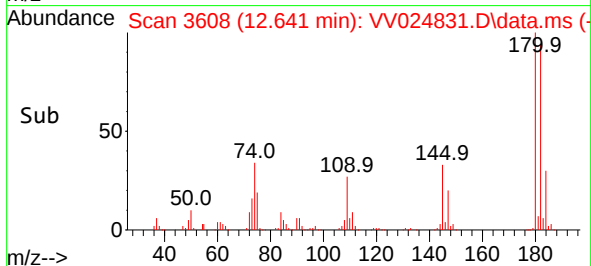
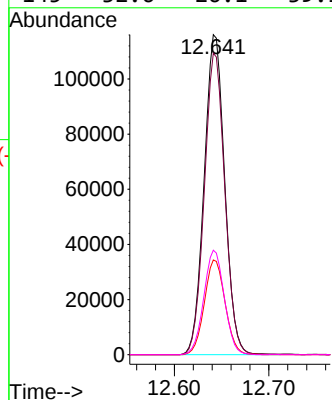
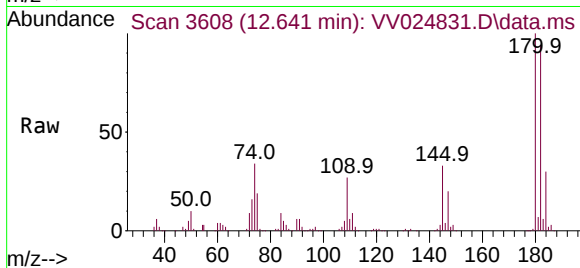
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 29.9 23.9 35.9

145 32.6 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 54.563 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

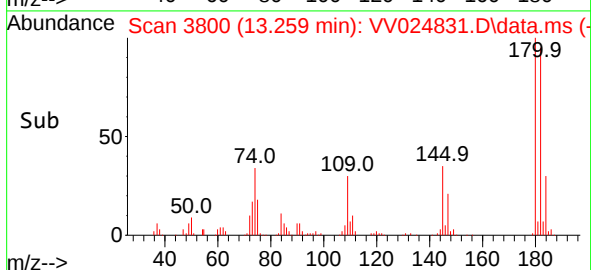
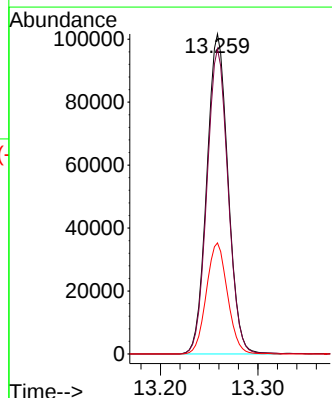
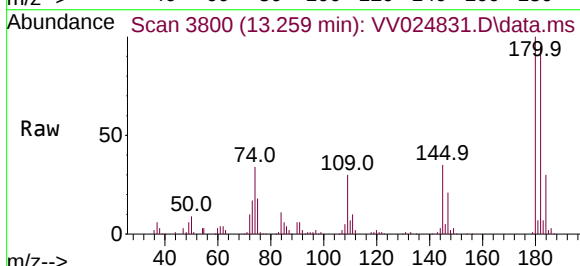
Tgt Ion:180 Resp: 153768

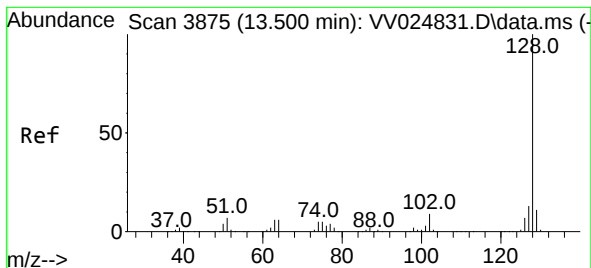
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 34.5 27.6 41.4





#71

Naphthalene

Concen: 52.749 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD050209

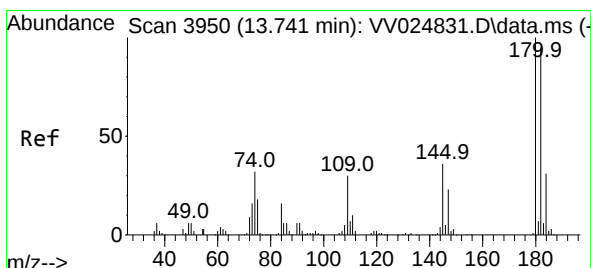
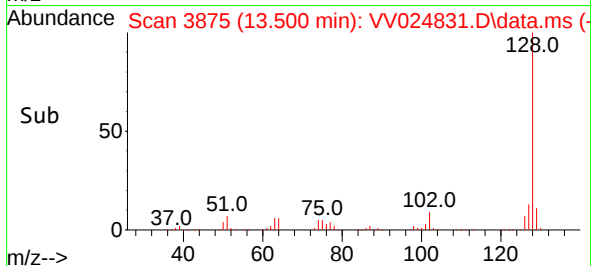
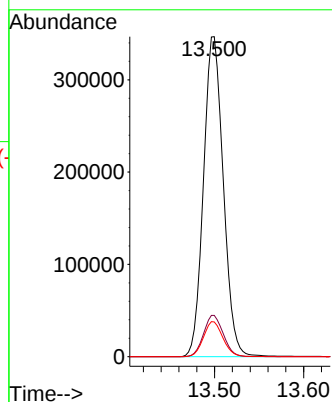
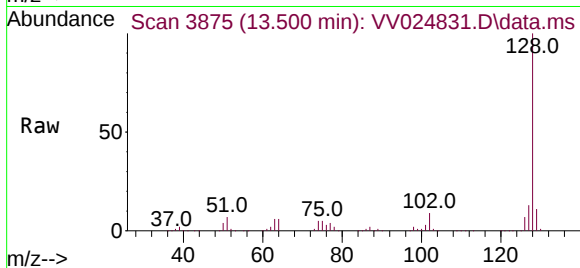
Tgt Ion:128 Resp: 535479

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 55.742 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV024831.D

Acq: 28 Feb 2022 11:32

Tgt Ion:180 Resp: 154008

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 35.9 28.7 43.1

