

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022423\
 Data File : VW025365.D
 Acq On : 24 Feb 2023 09:46
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Quant Time: Feb 27 00:39:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	347205	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	302337	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	71032	24.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.680%
7) Chloroethane-d5	2.899	69	53058	24.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.920%
11) 1,1-Dichloroethene-d2	4.027	63	191180	25.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.240%
21) 2-Butanone-d5	7.075	46	37764	56.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.260%
24) Chloroform-d	7.648	84	173910	26.111	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	8.307	65	91202	26.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	8.276	84	336510	26.264	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.040%
36) 1,2-Dichloropropane-d6	9.270	67	91729	25.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	10.325	98	315195	26.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.560%
43) trans-1,3-Dichloroprop...	10.575	79	44285	27.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.160%
47) 2-Hexanone-d5	10.922	63	31338	59.752	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76096	28.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	102681	25.453	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	95526	21.916	ug/L	91
3) Chloromethane	2.229	50	99714	25.488	ug/L	97
5) Vinyl chloride	2.375	62	115741	25.411	ug/L	98
6) Bromomethane	2.789	94	73596	25.448	ug/L	97
8) Chloroethane	2.936	64	67093	25.174	ug/L	99
9) Trichlorofluoromethane	3.271	101	143211	25.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	117260	24.977	ug/L	97
12) 1,1-Dichloroethene	4.045	96	112620	25.173	ug/L	99
13) Acetone	4.125	43	65379	59.187	ug/L	100
14) Carbon disulfide	4.387	76	370273	25.374	ug/L	99
15) Methyl Acetate	4.667	43	46107	25.908	ug/L	98
16) Methylene chloride	4.911	84	117394	23.911	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	120797	25.757	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	179725	27.133	ug/L	100
19) 1,1-Dichloroethane	6.216	63	214863	25.495	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	126799	25.731	ug/L	100
22) 2-Butanone	7.167	43	70452	54.985	ug/L	100
23) Bromochloromethane	7.514	128	55959	26.611	ug/L	96
25) Chloroform	7.673	83	224588	25.896	ug/L	98

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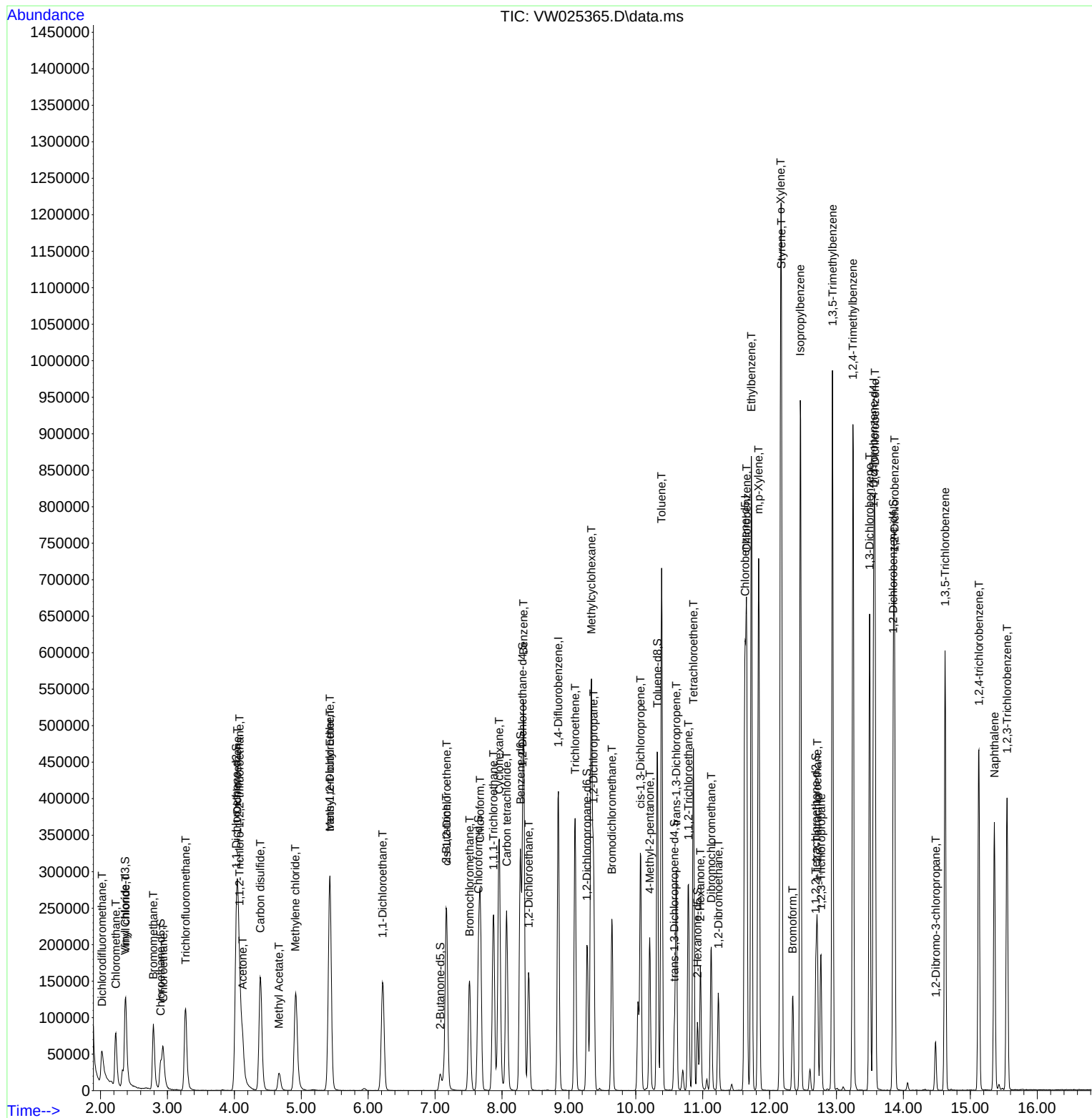
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153119	26.174	ug/L	99
29) Cyclohexane	7.959	56	200463	26.340	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	201606	25.742	ug/L	100
31) Carbon tetrachloride	8.069	117	190719	25.872	ug/L	99
33) Benzene	8.319	78	484874	26.229	ug/L	100
34) Trichloroethene	9.093	95	131834	25.536	ug/L	98
35) Methylcyclohexane	9.337	83	236926	26.188	ug/L	99
37) 1,2-Dichloropropane	9.367	63	115183	25.758	ug/L	100
38) Bromodichloromethane	9.642	83	159307	26.264	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	198351	27.111	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	129490	56.922	ug/L	99
42) Toluene	10.386	91	522465	26.252	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	166004	26.992	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	91215	27.348	ug/L	97
46) Tetrachloroethene	10.861	164	100015	25.654	ug/L	97
48) 2-Hexanone	10.965	43	99860	58.814	ug/L	98
49) Dibromochloromethane	11.129	129	101980	26.470	ug/L	97
50) 1,2-Dibromoethane	11.233	107	87256	27.289	ug/L	99
51) Chlorobenzene	11.654	112	337244	26.386	ug/L	99
52) Ethylbenzene	11.727	91	610589	26.476	ug/L	99
53) m,p-Xylene	11.837	106	230643	26.321	ug/L	99
54) o-Xylene	12.166	106	216343	26.706	ug/L	91
55) Styrene	12.178	104	373147	27.085	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	105510	27.710	ug/L	99
59) Bromoform	12.343	173	57720	24.275	ug/L	100
60) Isopropylbenzene	12.458	105	613314	23.609	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	78887	25.068	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	515761	24.721	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	493164	24.972	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	250440	24.654	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	256774	25.214	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	225210	24.176	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	19491	26.806	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	170637	24.542	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	145788	24.164	ug/L	98
71) Naphthalene	15.360	128	304808	26.275	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	127175	24.820	ug/L	98

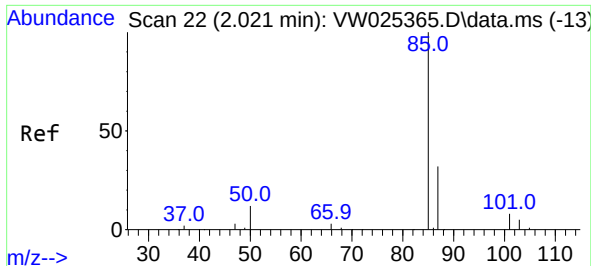
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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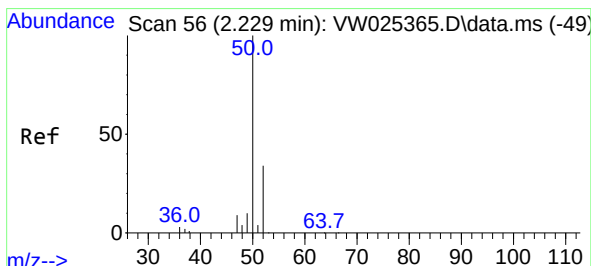
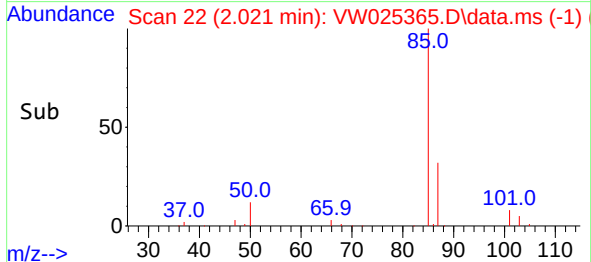
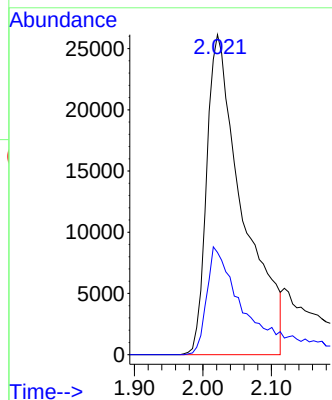
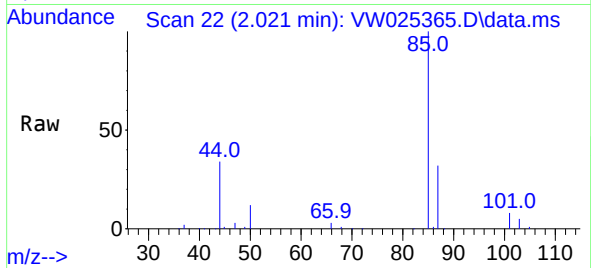




#2
 Dichlorodifluoromethane
 Concen: 21.916 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025365.D
 Acq: 24 Feb 2023 09:46

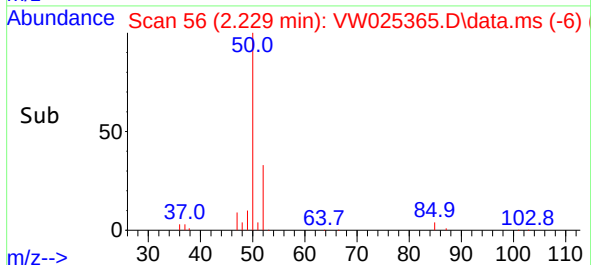
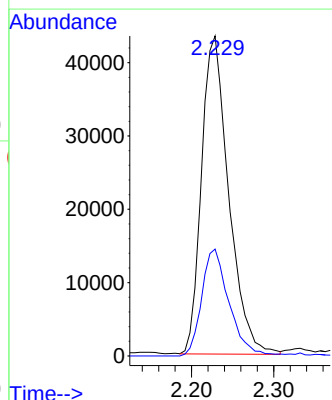
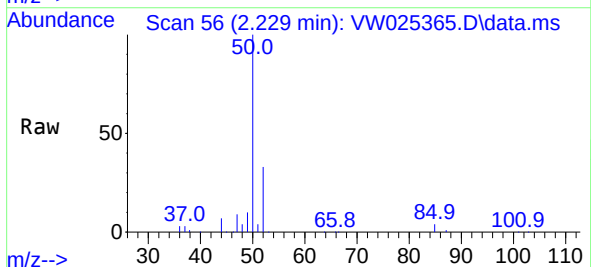
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

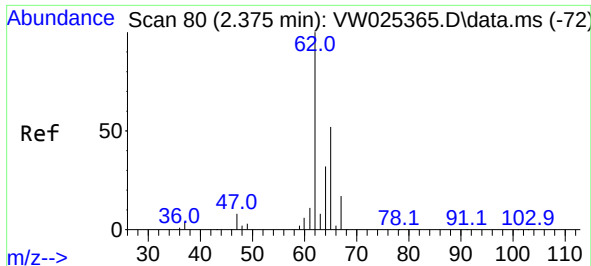
Tgt Ion: 85 Resp: 95526
 Ion Ratio Lower Upper
 85 100
 87 30.3 20.6 30.8



#3
 Chloromethane
 Concen: 25.488 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025365.D
 Acq: 24 Feb 2023 09:46

Tgt Ion: 50 Resp: 99714
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.3 41.3

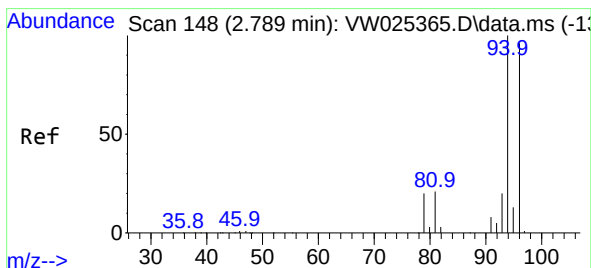
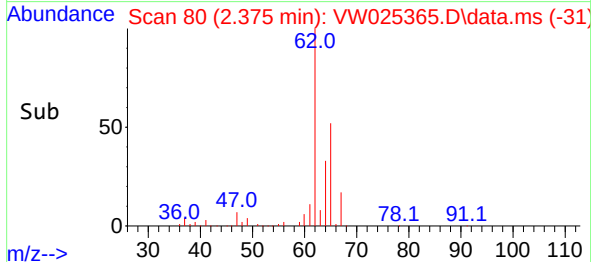
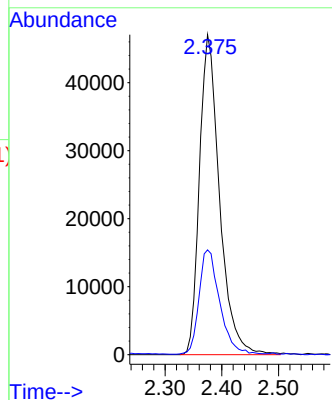
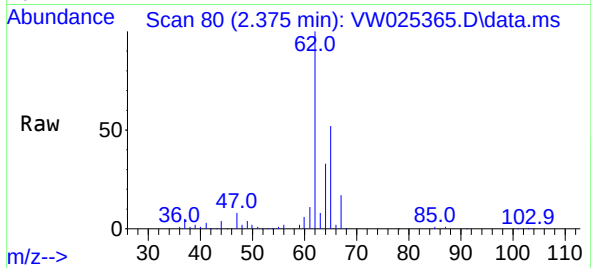




#5
 Vinyl chloride
 Concen: 25.411 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025365.D
 Acq: 24 Feb 2023 09:46

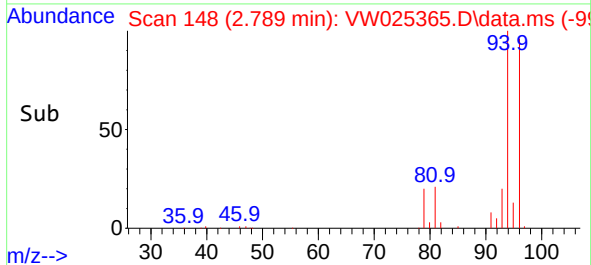
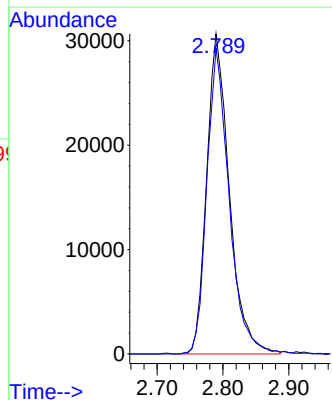
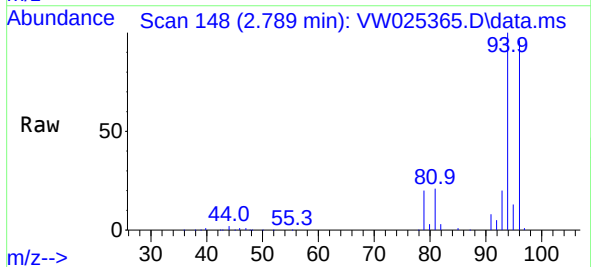
Instrument :
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 ClientSampleId :
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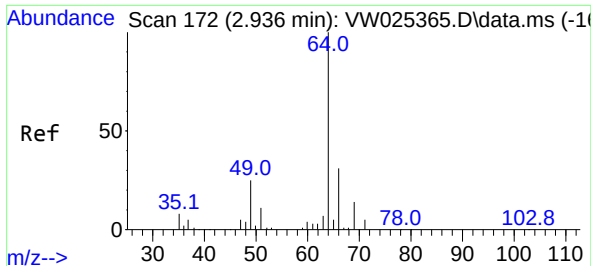
Tgt Ion: 62 Resp: 115741
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.2 41.2



#6
 Bromomethane
 Concen: 25.448 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025365.D
 Acq: 24 Feb 2023 09:46

Tgt Ion: 94 Resp: 73596
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.2 121.0

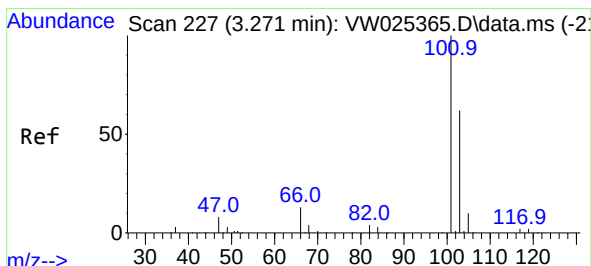
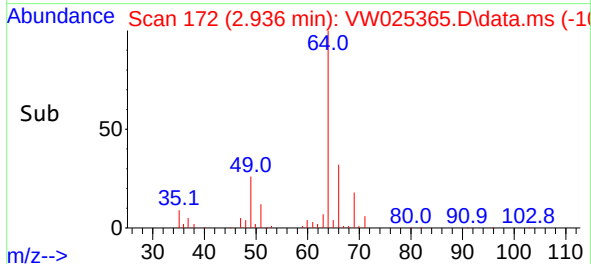
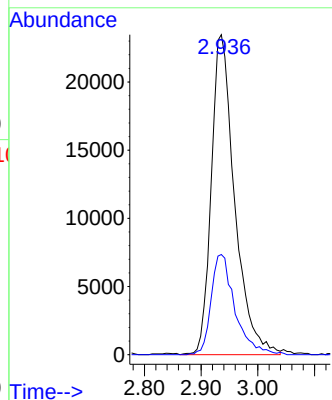
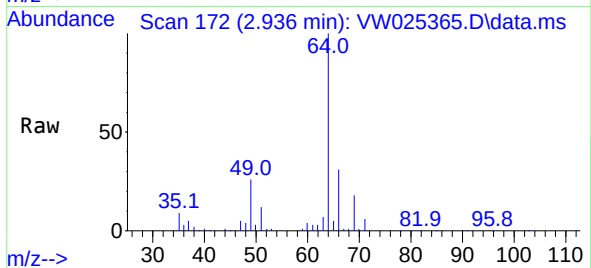




#8
Chloroethane
Concen: 25.174 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

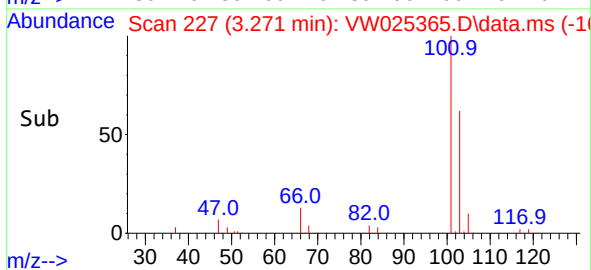
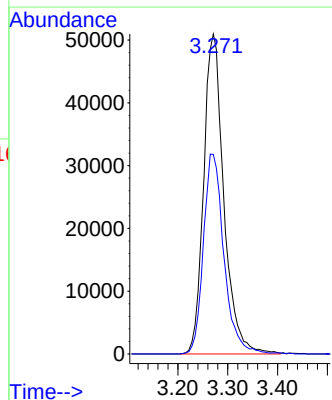
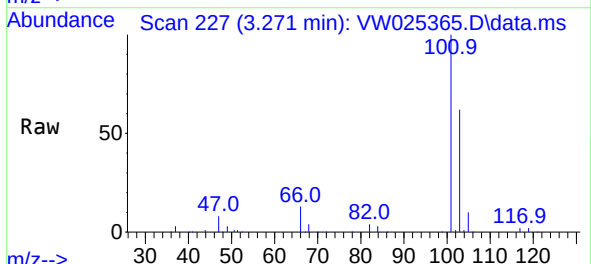
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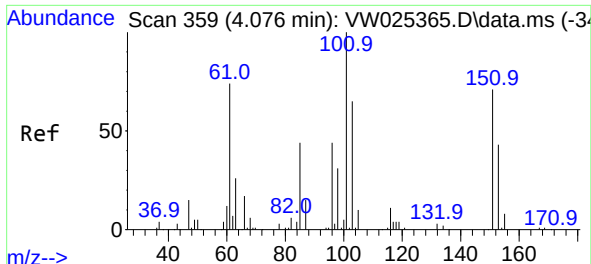
Tgt Ion: 64 Resp: 67093
Ion Ratio Lower Upper
64 100
66 31.3 21.6 40.0



#9
Trichlorofluoromethane
Concen: 25.913 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion:101 Resp: 143211
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0

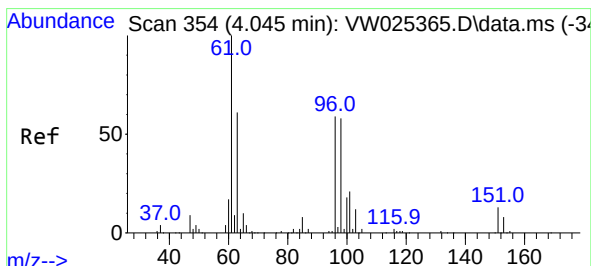
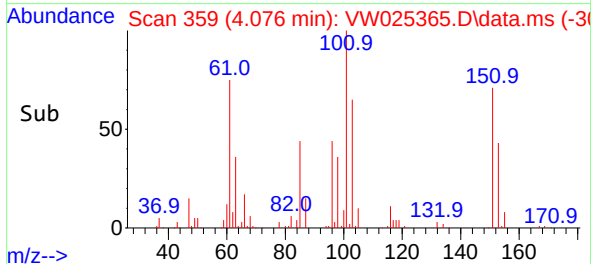
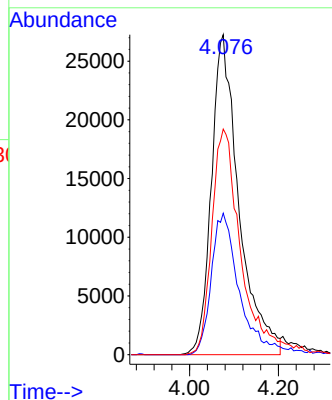
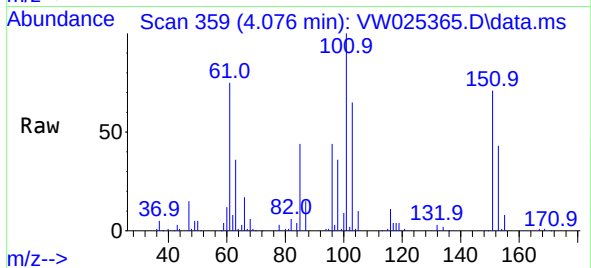




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.977 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

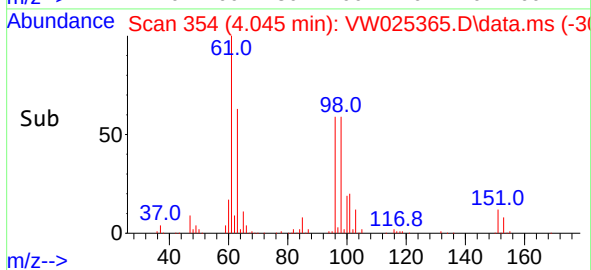
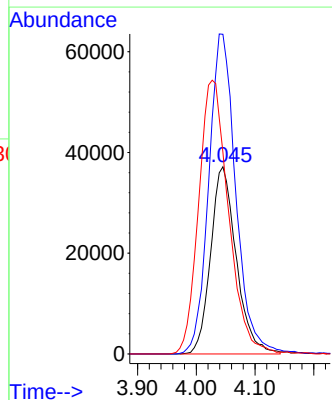
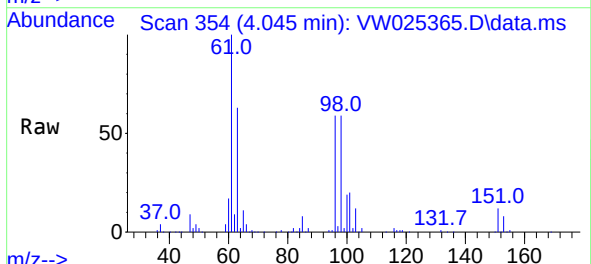
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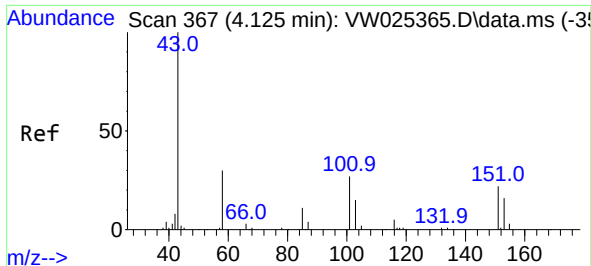
Tgt Ion:101 Resp: 117260
Ion Ratio Lower Upper
101 100
85 42.8 36.3 54.5
151 67.3 52.2 78.4



#12
1,1-Dichloroethene
Concen: 25.173 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 96 Resp: 112620
Ion Ratio Lower Upper
96 100
61 170.8 119.3 221.5
63 107.7 74.5 138.5





#13

Acetone

Concen: 59.187 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

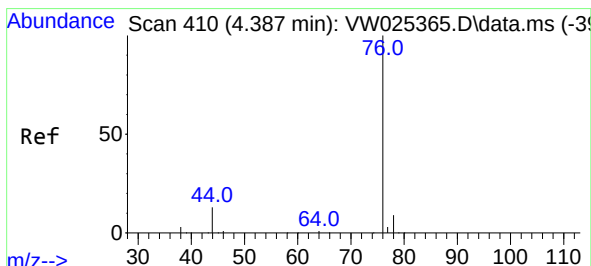
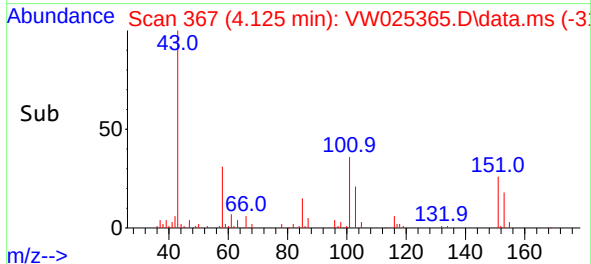
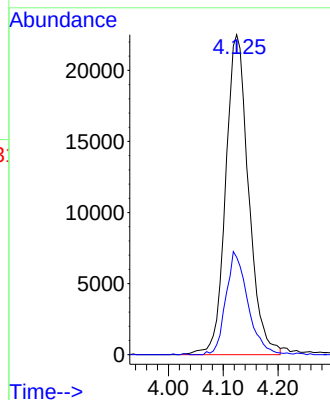
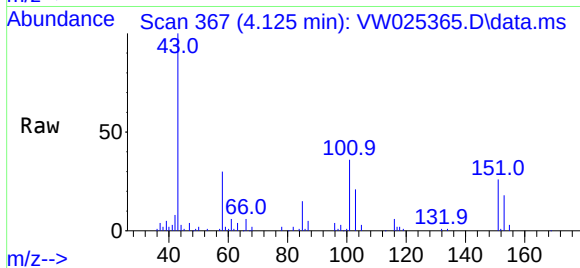
VSTD025544

Tgt Ion: 43 Resp: 65379

Ion Ratio Lower Upper

43 100

58 30.6 0.0 61.6



#14

Carbon disulfide

Concen: 25.374 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW025365.D

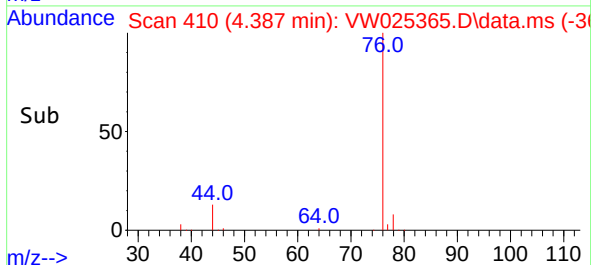
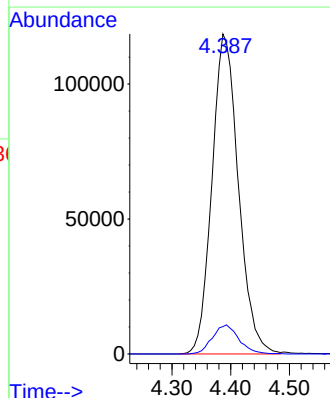
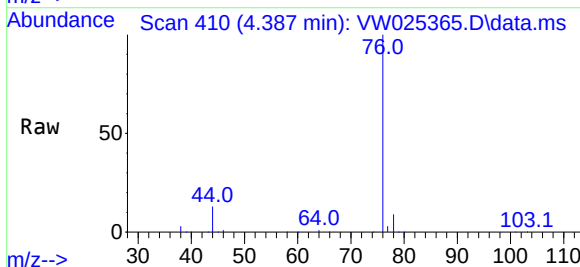
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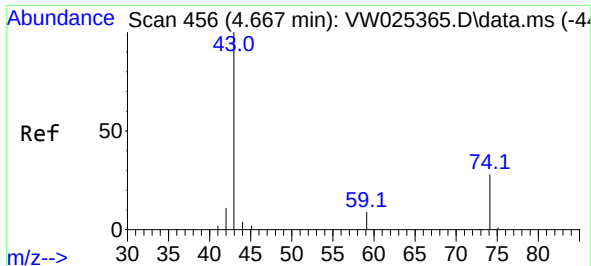
Tgt Ion: 76 Resp: 370273

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8

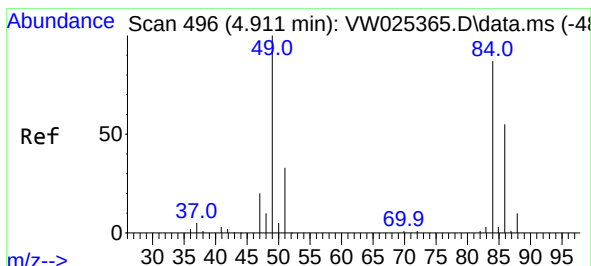
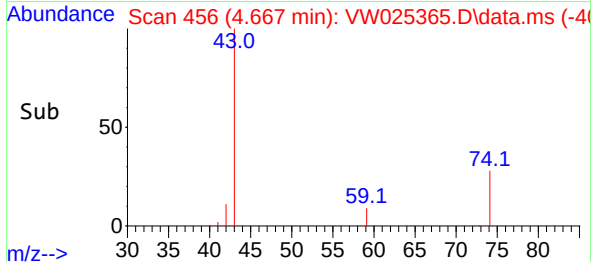
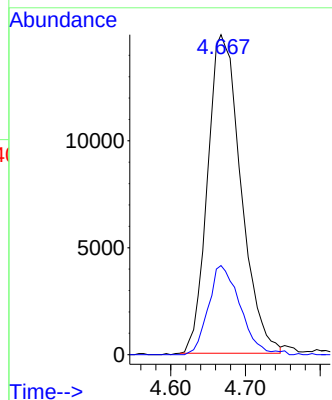
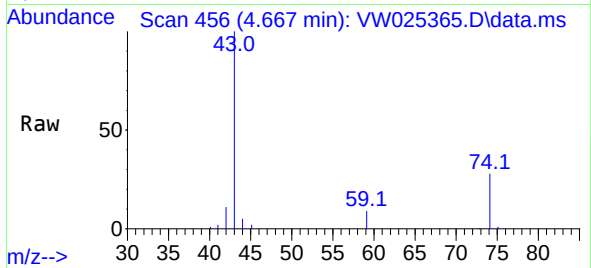




#15
Methyl Acetate
Concen: 25.908 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

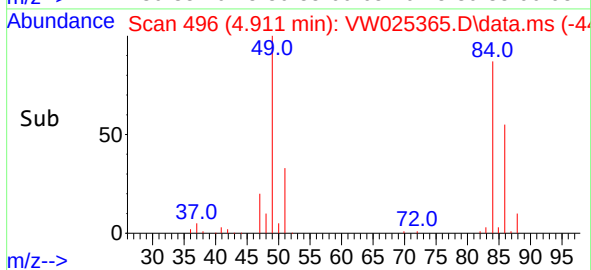
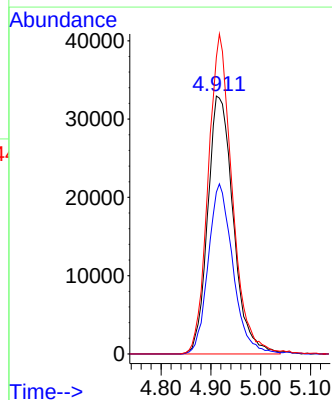
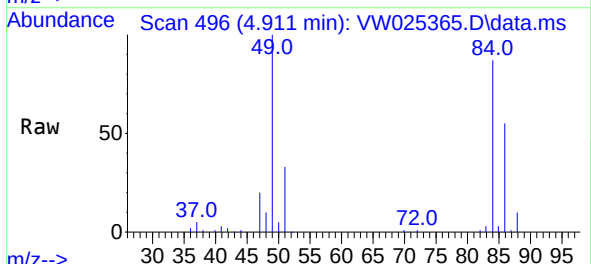
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

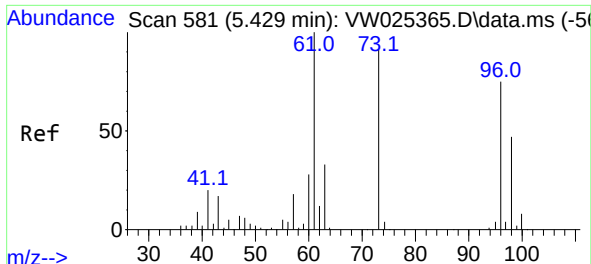
Tgt Ion: 43 Resp: 46107
Ion Ratio Lower Upper
43 100
74 26.4 20.2 30.4



#16
Methylene chloride
Concen: 23.911 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 84 Resp: 117394
Ion Ratio Lower Upper
84 100
86 62.7 41.8 77.6
49 115.0 80.3 149.1

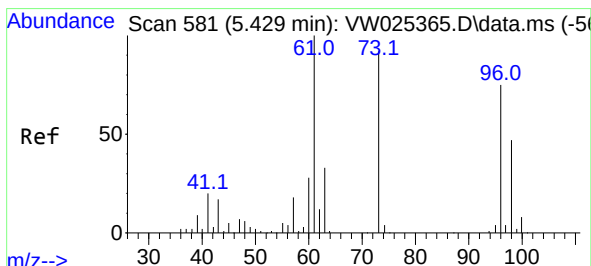
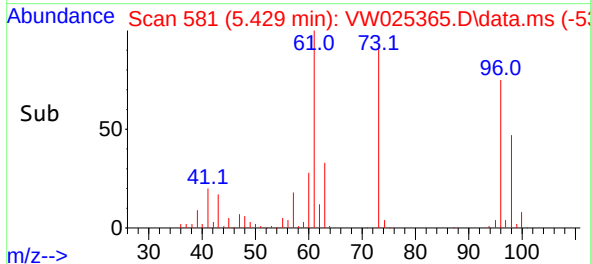
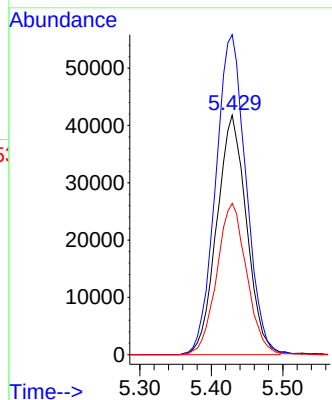
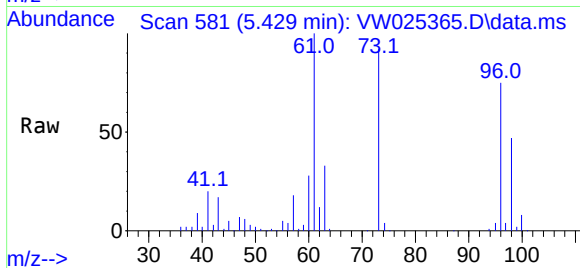




#17
trans-1,2-Dichloroethene
Concen: 25.757 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

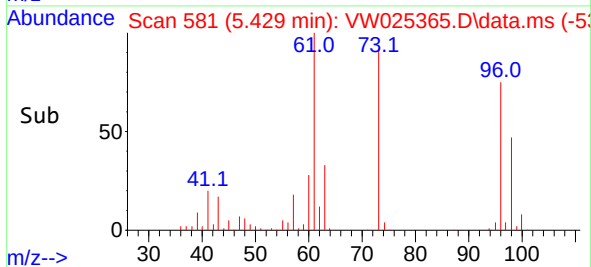
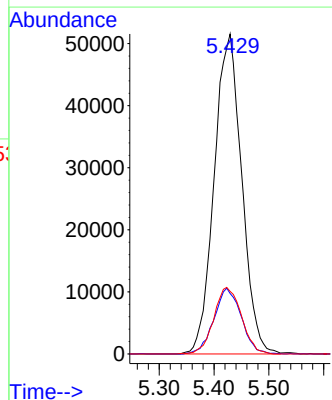
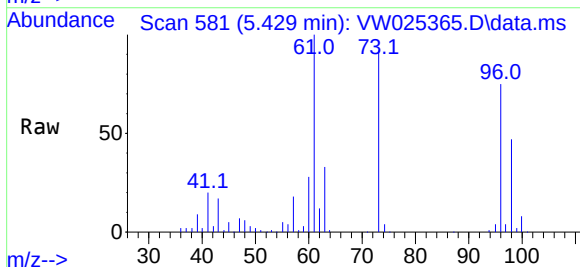
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

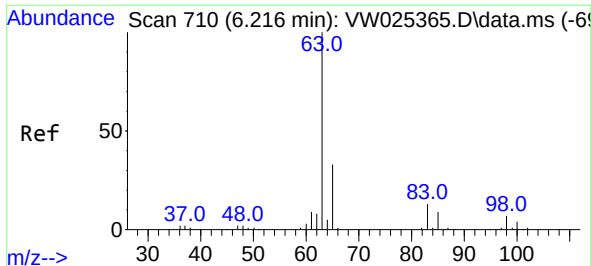
Tgt Ion: 96 Resp: 120797
Ion Ratio Lower Upper
96 100
61 133.6 94.8 176.0
98 63.2 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 27.133 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 73 Resp: 179725
Ion Ratio Lower Upper
73 100
43 20.3 16.1 24.1
57 20.9 16.6 25.0

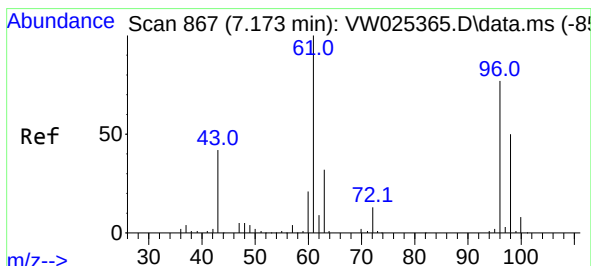
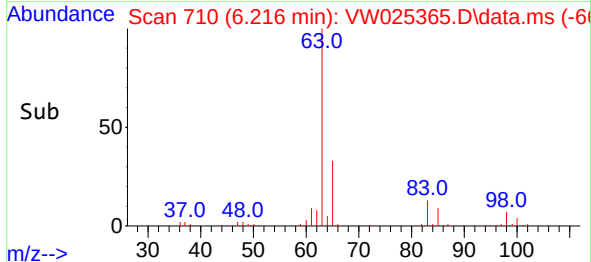
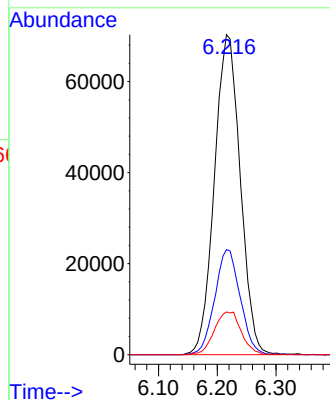
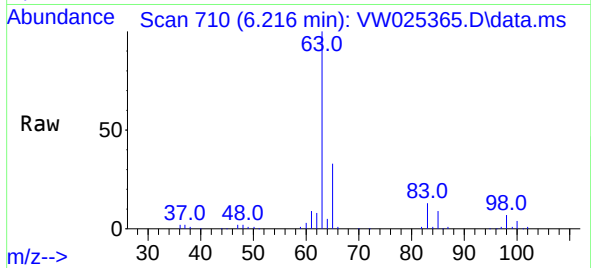




#19
1,1-Dichloroethane
Concen: 25.495 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

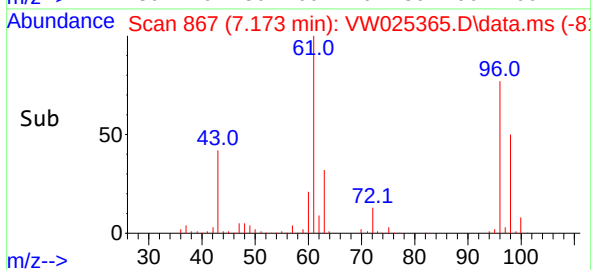
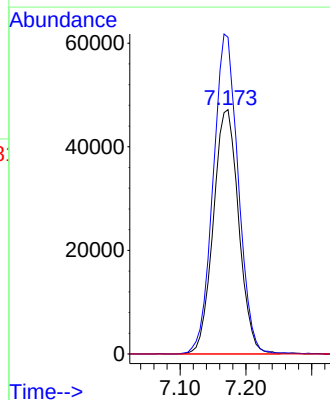
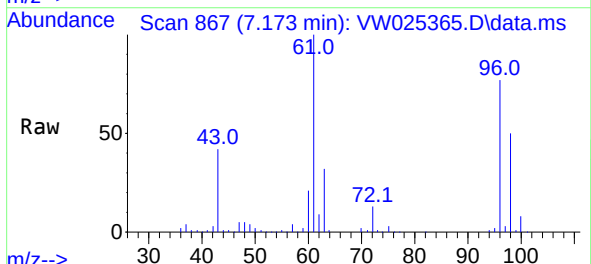
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

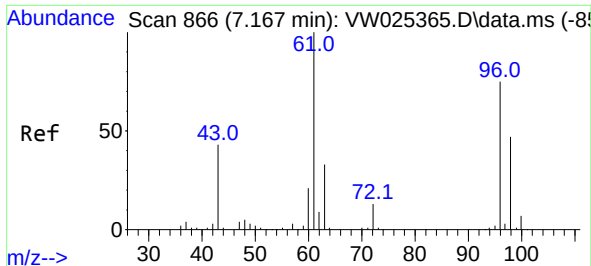
Tgt Ion: 63 Resp: 214863
Ion Ratio Lower Upper
63 100
65 32.8 22.1 41.1
83 13.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 25.731 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 96 Resp: 126799
Ion Ratio Lower Upper
96 100
61 129.6 90.9 168.9
68 0.0 0.0 0.0

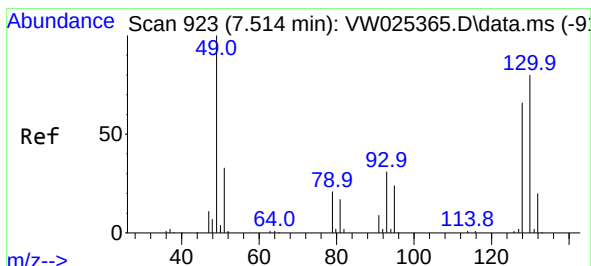
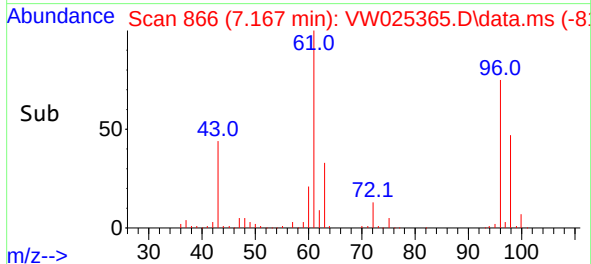
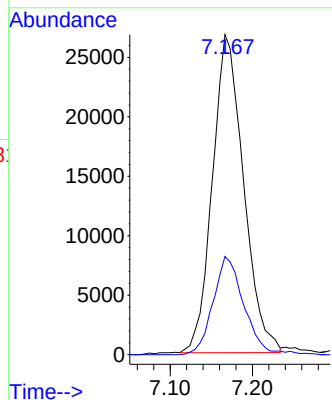
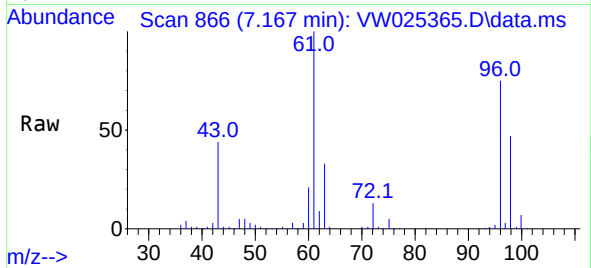




#22
2-Butanone
Concen: 54.985 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

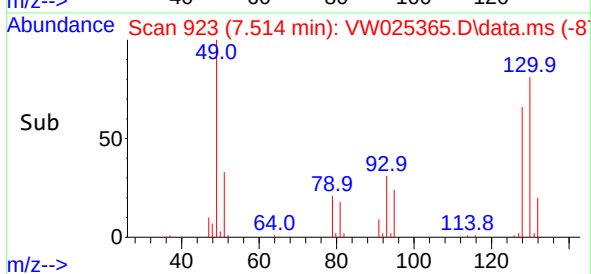
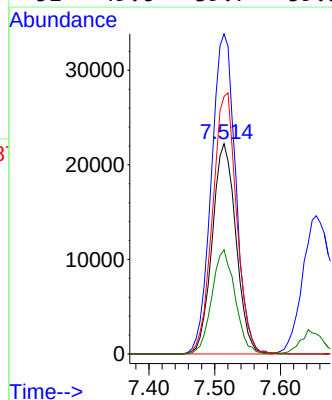
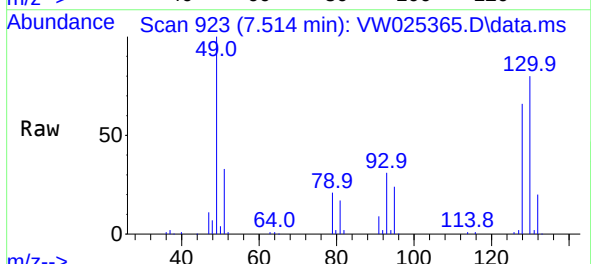
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

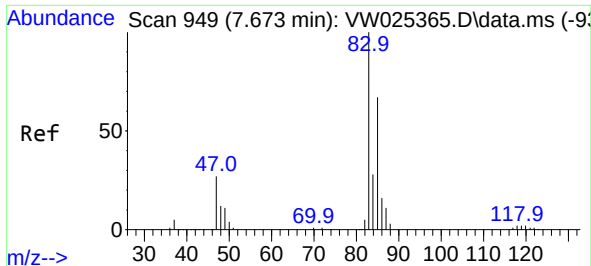
Tgt Ion: 43 Resp: 70452
Ion Ratio Lower Upper
43 100
72 30.0 15.0 45.1



#23
Bromochloromethane
Concen: 26.611 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 128 Resp: 55959
Ion Ratio Lower Upper
128 100
49 152.2 102.4 190.2
130 122.5 90.1 167.3
51 49.6 39.7 59.5

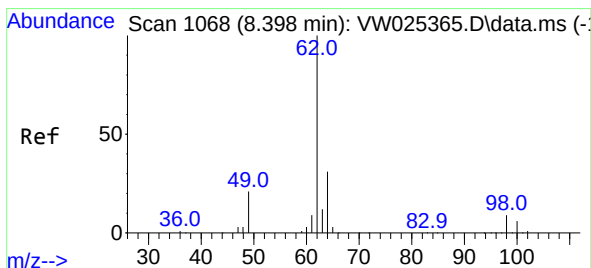
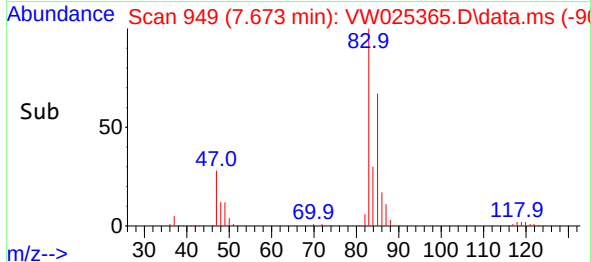
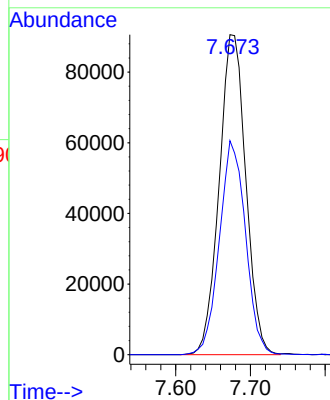
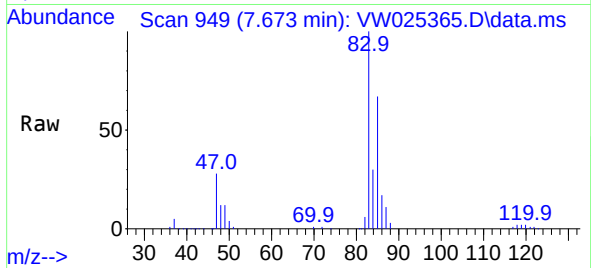




#25
Chloroform
Concen: 25.896 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

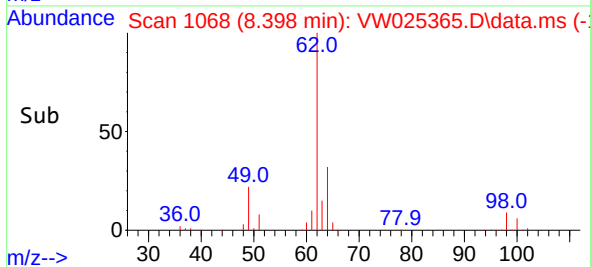
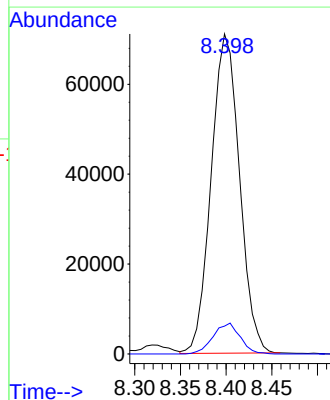
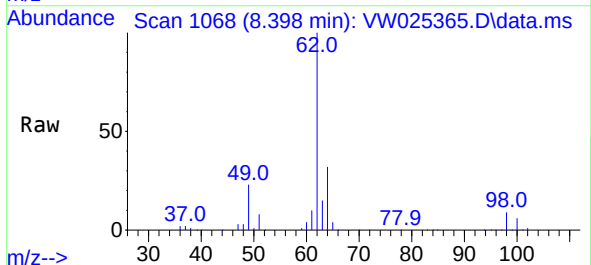
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

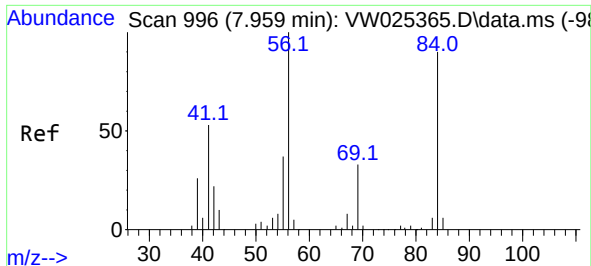
Tgt Ion: 83 Resp: 224588
Ion Ratio Lower Upper
83 100
85 66.8 45.9 85.3



#27
1,2-Dichloroethane
Concen: 26.174 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

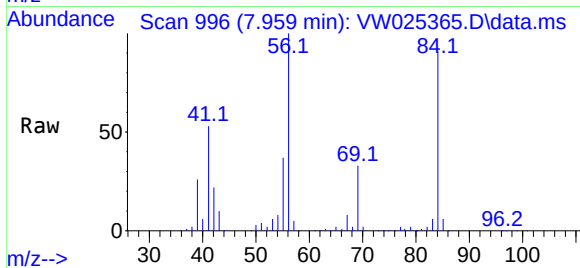
Tgt Ion: 62 Resp: 153119
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0





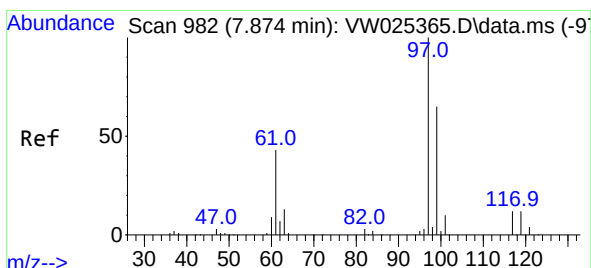
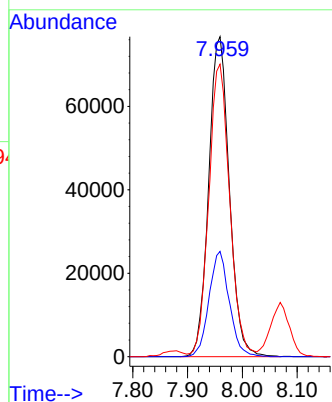
#29
Cyclohexane
Concen: 26.340 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544



Tgt Ion: 56 Resp: 200463

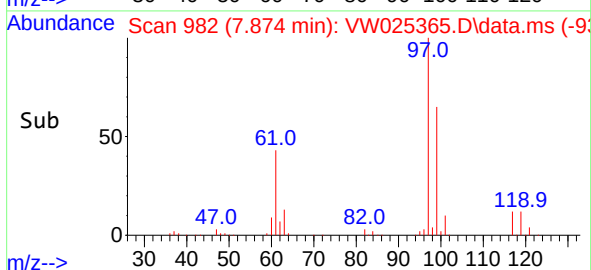
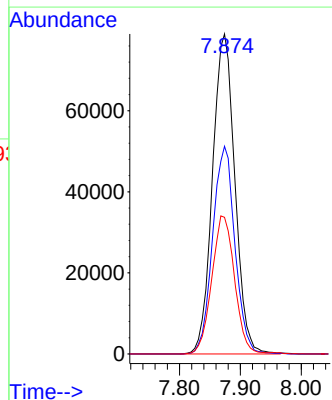
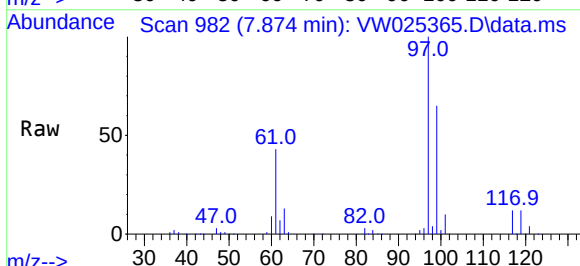
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.9	38.9
84	92.7	74.6	111.8

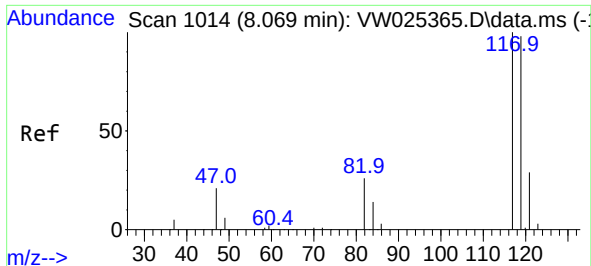


#30
1,1,1-Trichloroethane
Concen: 25.742 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 97 Resp: 201606

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	43.9	35.1	52.7

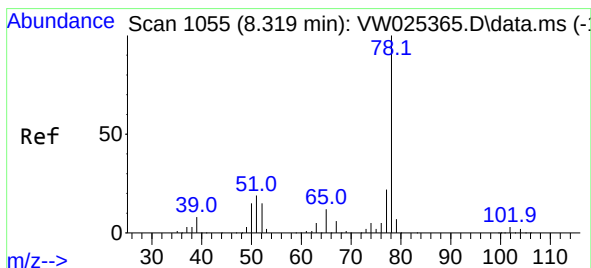
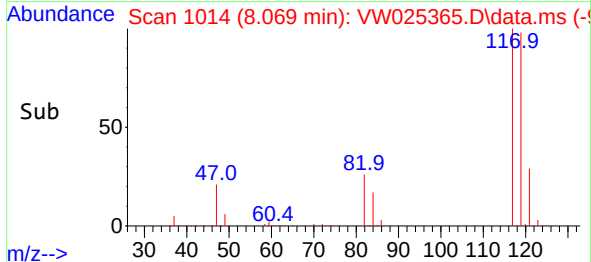
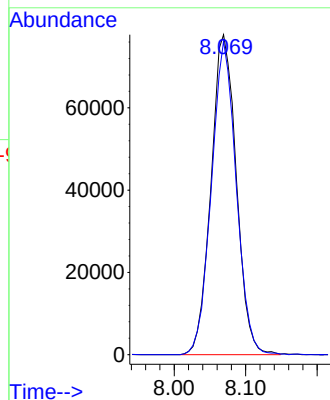
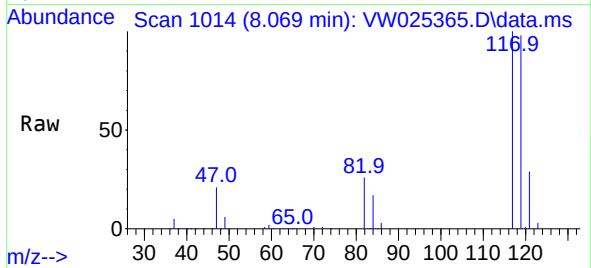




#31
Carbon tetrachloride
Concen: 25.872 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

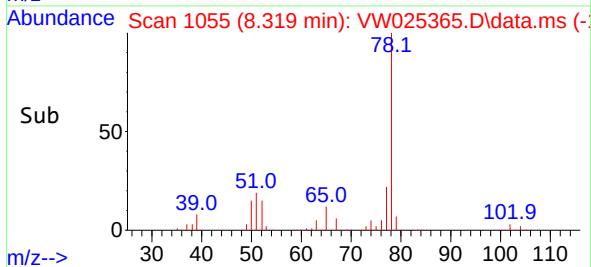
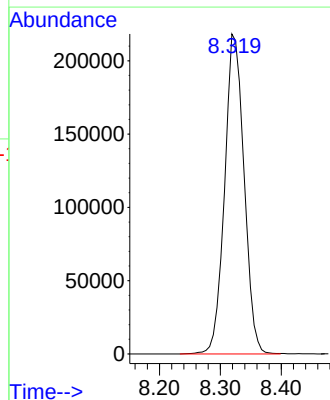
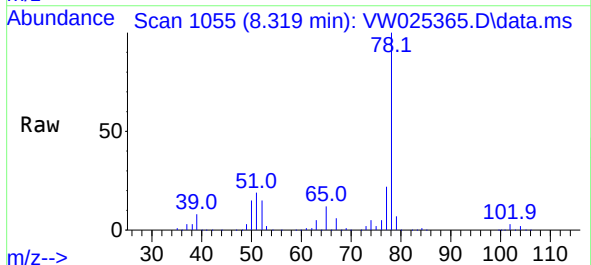
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

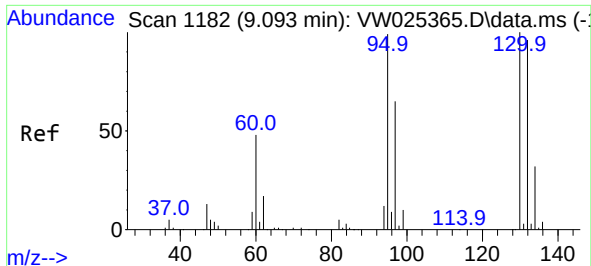
Tgt Ion:117 Resp: 190719
Ion Ratio Lower Upper
117 100
119 96.0 76.3 114.5



#33
Benzene
Concen: 26.229 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 78 Resp: 484874

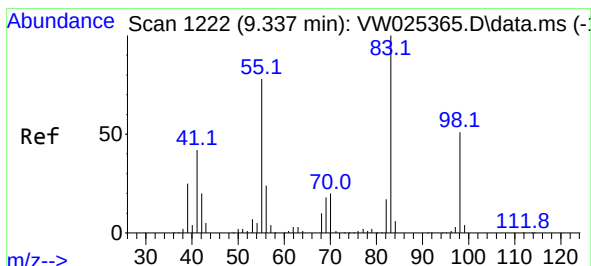
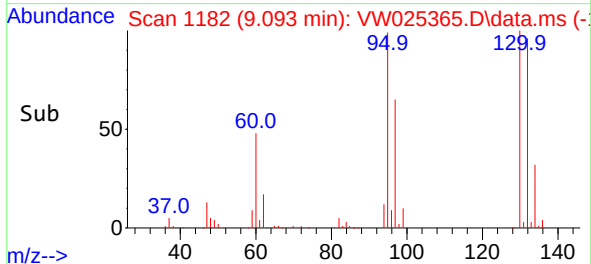
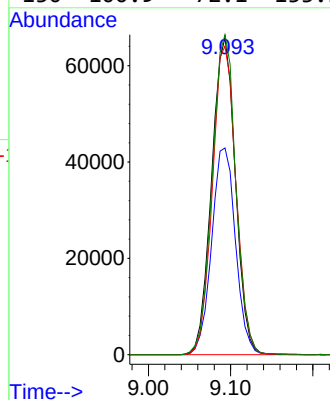
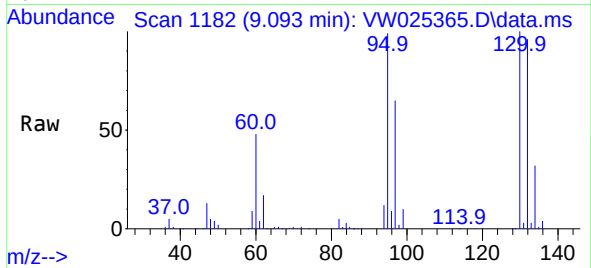




#34
Trichloroethene
Concen: 25.536 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

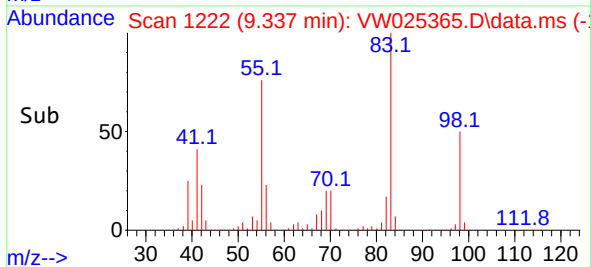
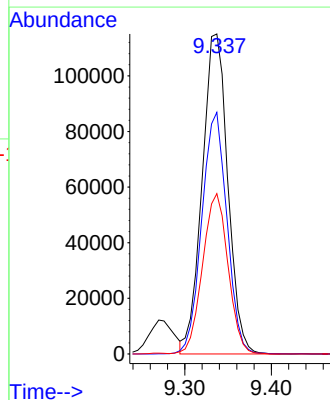
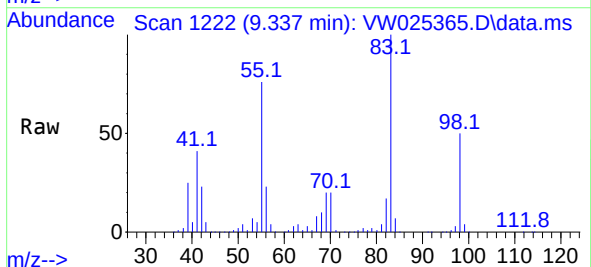
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

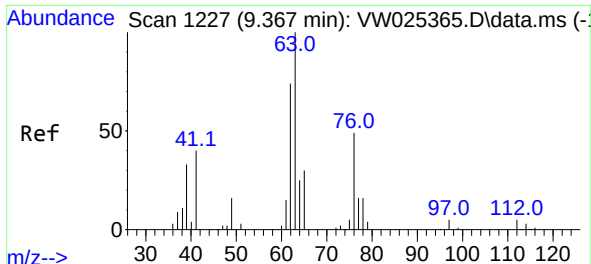
Tgt Ion: 95 Resp: 131834
Ion Ratio Lower Upper
95 100
97 65.2 46.3 85.9
132 97.3 69.3 128.7
130 100.9 72.1 133.9



#35
Methylcyclohexane
Concen: 26.188 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 83 Resp: 236926
Ion Ratio Lower Upper
83 100
55 74.0 58.4 87.6
98 49.8 39.1 58.7





#37

1,2-Dichloropropane

Concen: 25.758 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

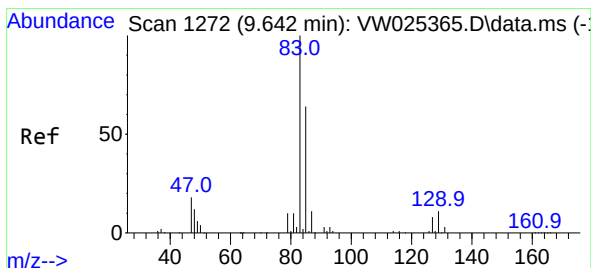
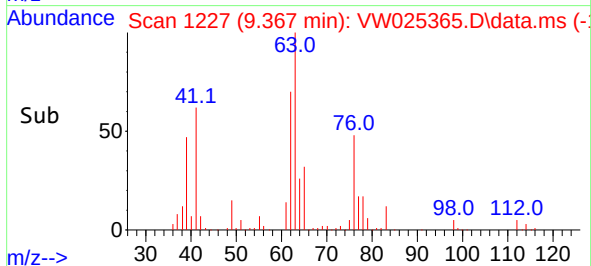
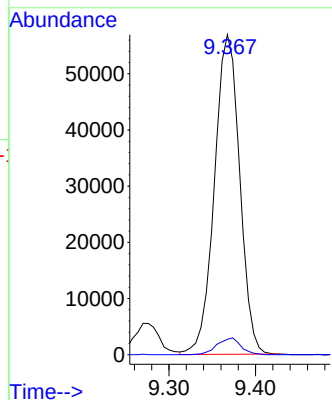
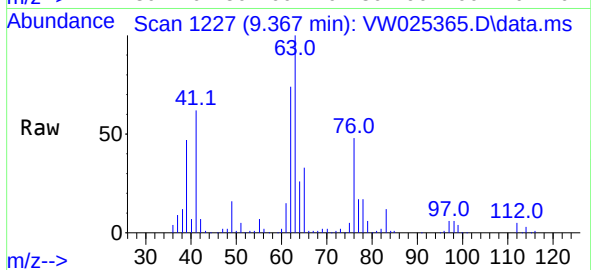
VSTD025544

Tgt Ion: 63 Resp: 115183

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 26.264 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

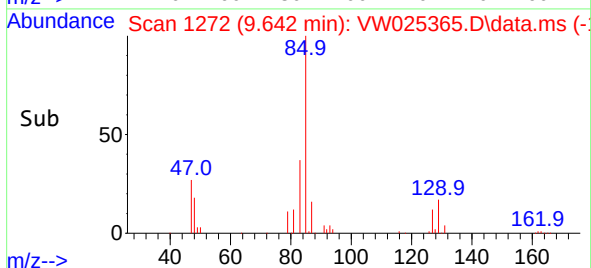
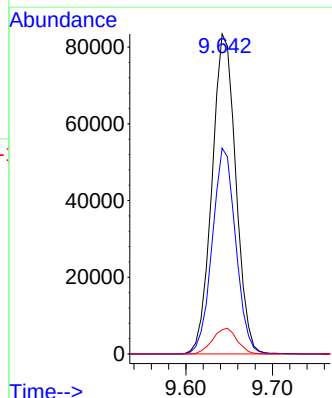
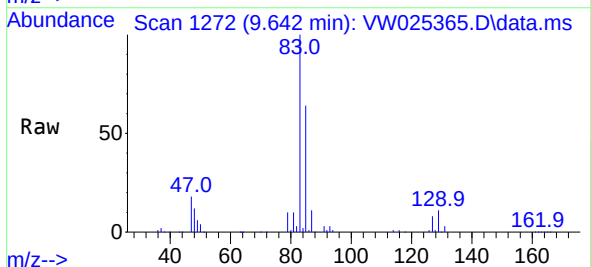
Tgt Ion: 83 Resp: 159307

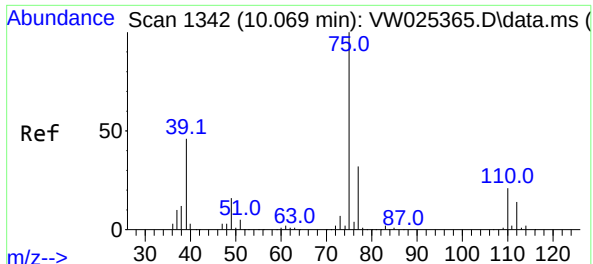
Ion Ratio Lower Upper

83 100

85 64.4 46.0 85.4

127 7.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.111 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

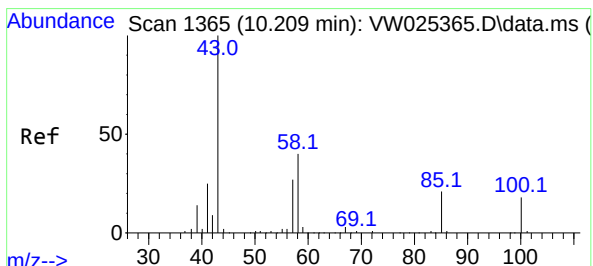
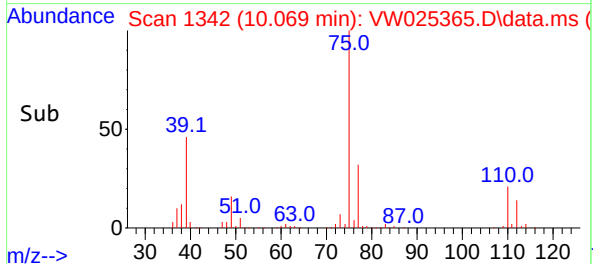
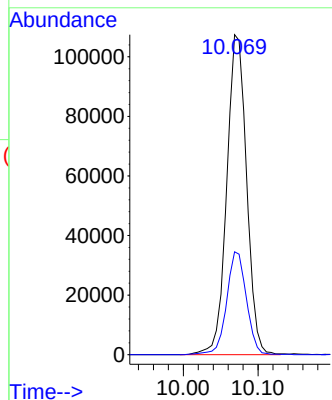
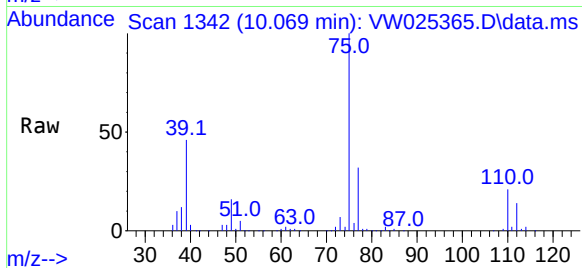
VSTD025544

Tgt Ion: 75 Resp: 198351

Ion Ratio Lower Upper

75 100

77 32.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 56.922 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

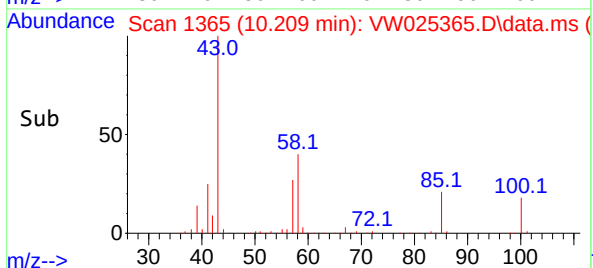
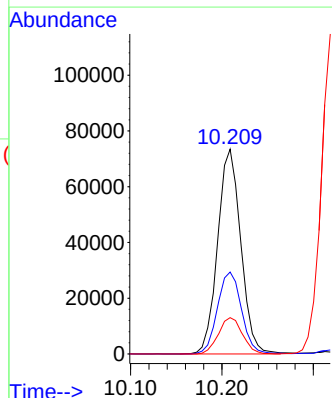
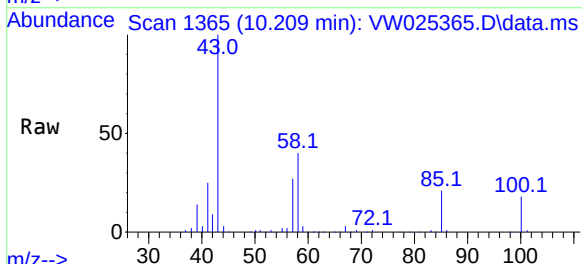
Tgt Ion: 43 Resp: 129490

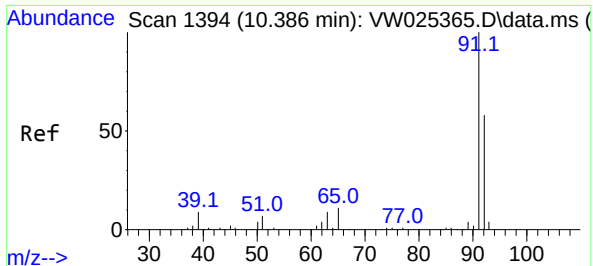
Ion Ratio Lower Upper

43 100

58 41.5 33.9 50.9

100 18.4 14.8 22.2





#42

Toluene

Concen: 26.252 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

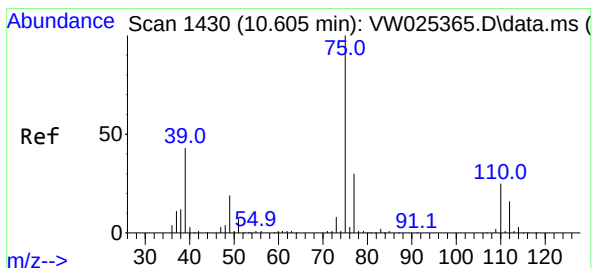
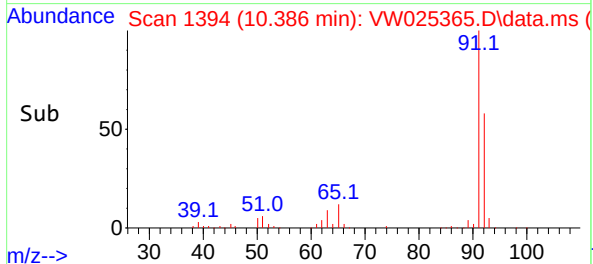
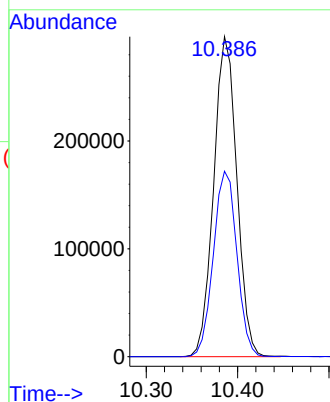
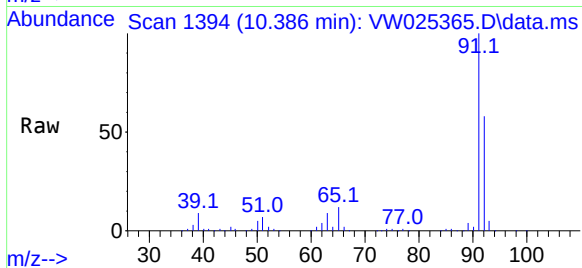
VSTD025544

Tgt Ion: 91 Resp: 522465

Ion Ratio Lower Upper

91 100

92 58.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 26.992 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025365.D

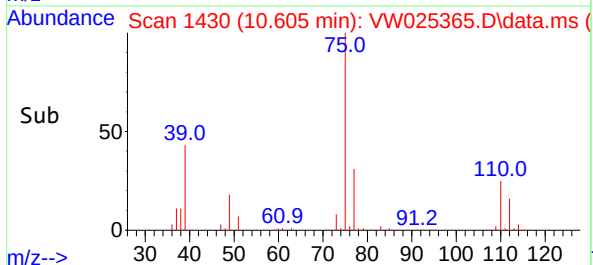
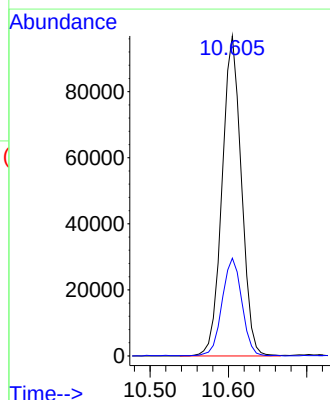
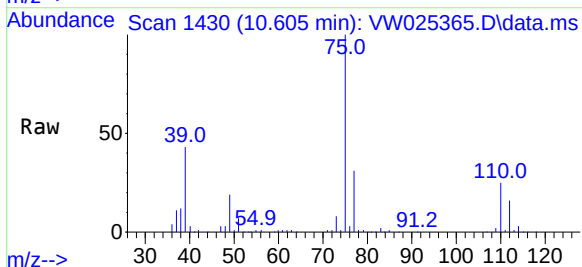
Acq: 24 Feb 2023 09:46

Tgt Ion: 75 Resp: 166004

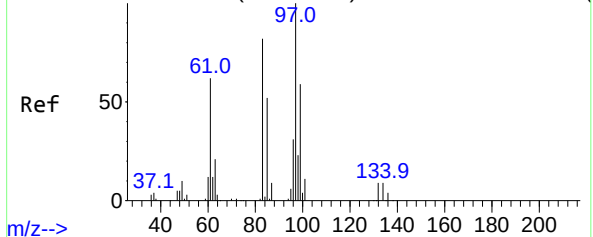
Ion Ratio Lower Upper

75 100

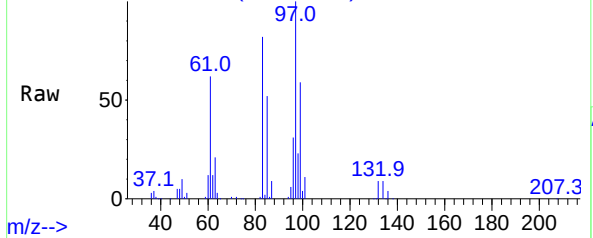
77 30.6 22.5 41.7



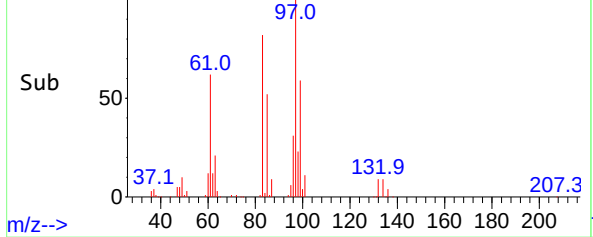
Abundance Scan 1460 (10.788 min): VW025365.D\data.ms (



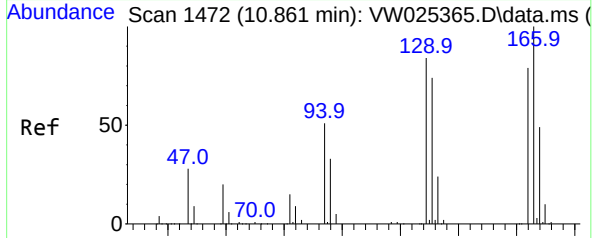
m/z--> Abundance Scan 1460 (10.788 min): VW025365.D\data.ms



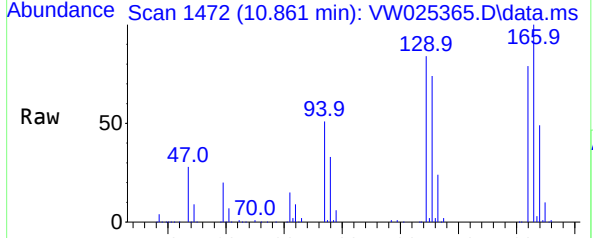
m/z--> Abundance Scan 1460 (10.788 min): VW025365.D\data.ms (



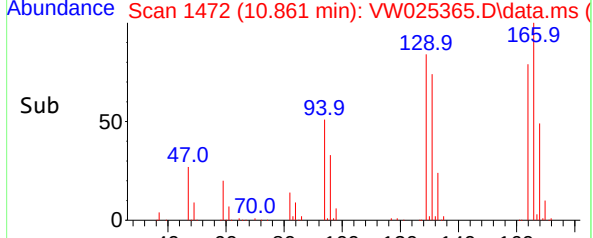
m/z--> Abundance Scan 1472 (10.861 min): VW025365.D\data.ms (



m/z--> Abundance Scan 1472 (10.861 min): VW025365.D\data.ms



m/z--> Abundance Scan 1472 (10.861 min): VW025365.D\data.ms (



m/z--> Abundance Scan 1472 (10.861 min): VW025365.D\data.ms (

#45

1,1,2-Trichloroethane

Concen: 27.348 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

Tgt Ion: 97 Resp: 91215

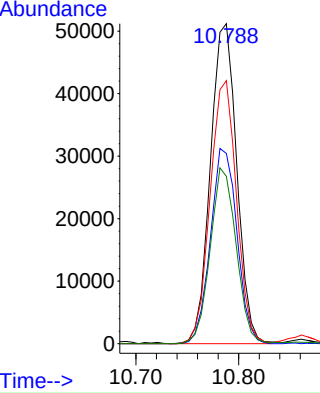
Ion Ratio Lower Upper

97 100

99 59.5 42.6 79.0

83 82.2 59.3 110.1

85 52.3 39.1 72.7



#46

Tetrachloroethene

Concen: 25.654 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Tgt Ion:164 Resp: 100015

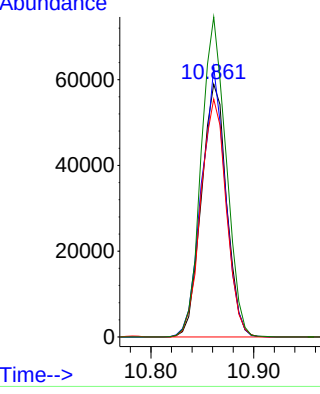
Ion Ratio Lower Upper

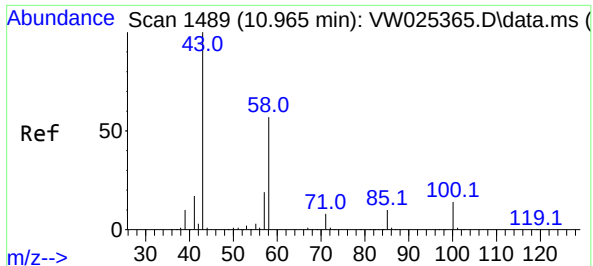
164 100

129 106.6 69.6 129.2

131 94.1 67.4 125.2

166 126.6 88.5 164.3

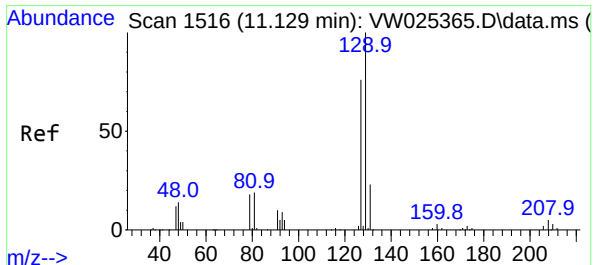
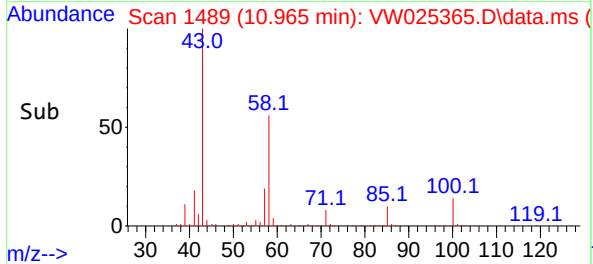
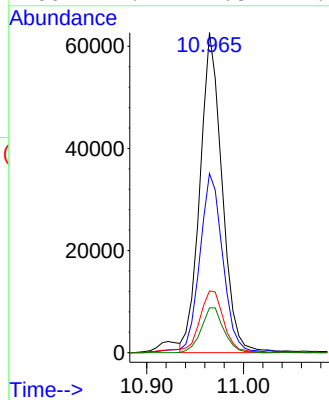
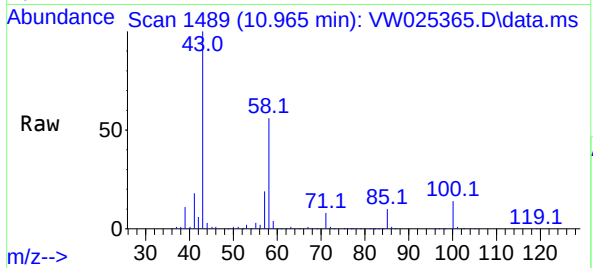




#48
2-Hexanone
Concen: 58.814 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

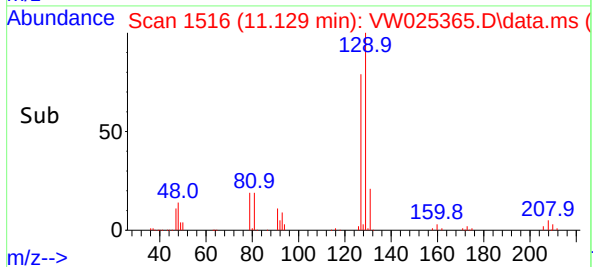
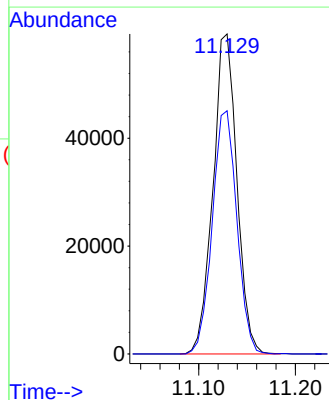
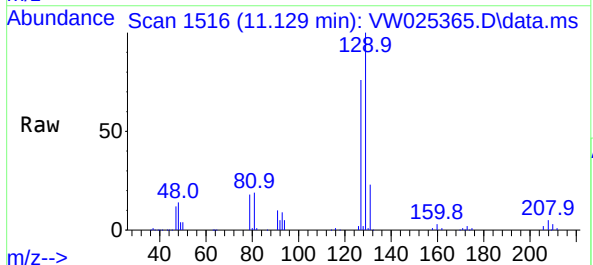
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

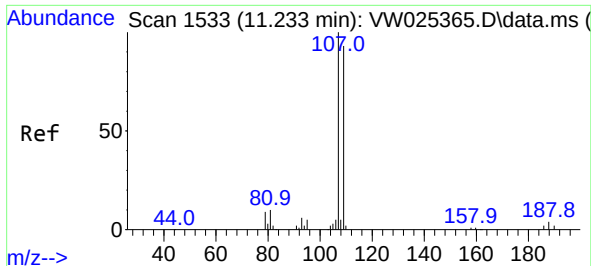
Tgt Ion: 43	Resp: 99860
Ion Ratio	Lower Upper
43 100	
58 56.6	47.0 70.4
57 21.8	17.0 25.4
100 14.4	11.8 17.6



#49
Dibromochloromethane
Concen: 26.470 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt	Ion:129	Resp:	101980
Ion	Ratio	Lower	Upper
129	100		
127	76.0	55.3	102.7





#50

1,2-Dibromoethane

Concen: 27.289 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Instrument :

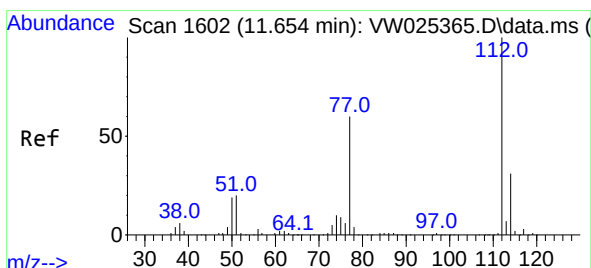
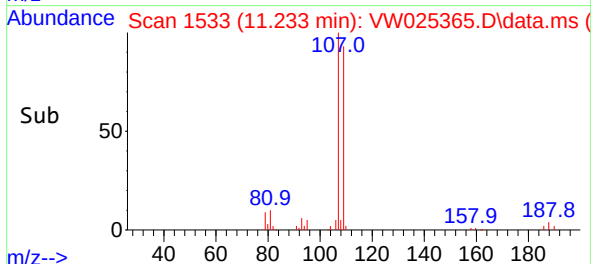
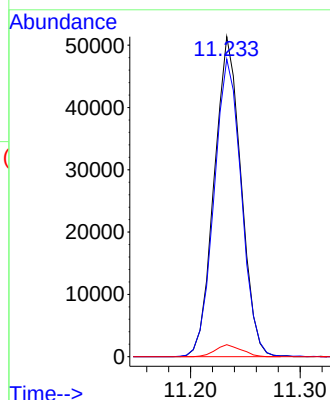
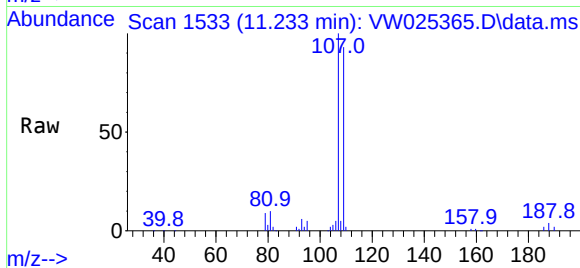
MSVOA_W

ClientSampleId :

VSTD025544

Tgt Ion:107 Resp: 87256

Ion	Ratio	Lower	Upper
107	100		
109	93.0	65.9	122.5
188	3.7	2.9	4.3



#51

Chlorobenzene

Concen: 26.386 ug/L

RT: 11.654 min Scan# 1602

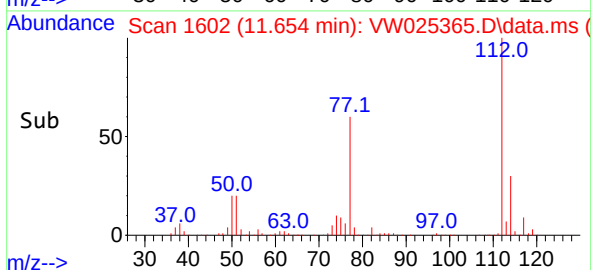
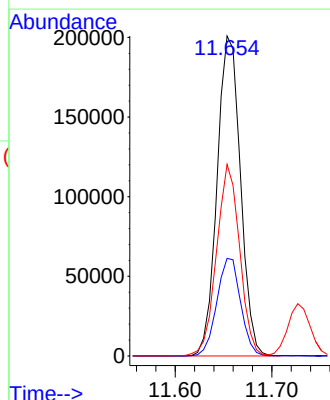
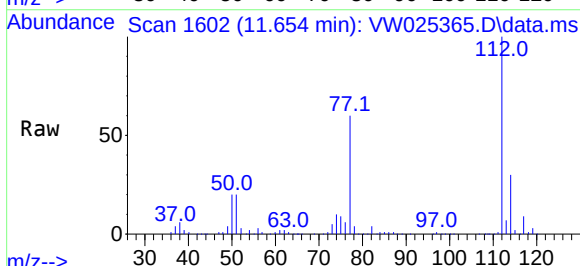
Delta R.T. 0.000 min

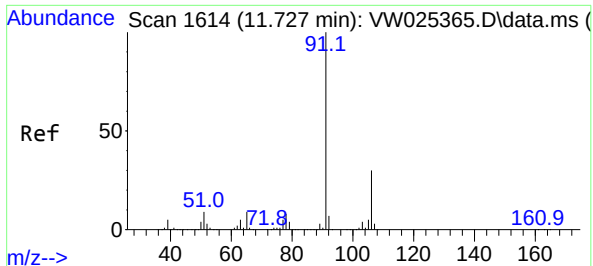
Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Tgt Ion:112 Resp: 337244

Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.2	41.2
77	59.9	48.2	72.2

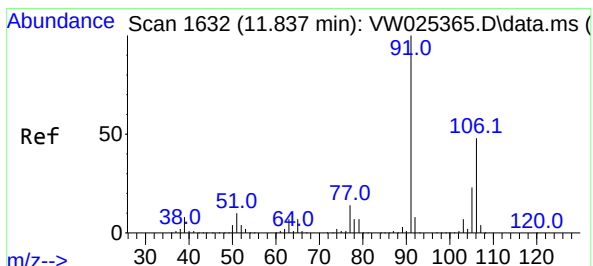
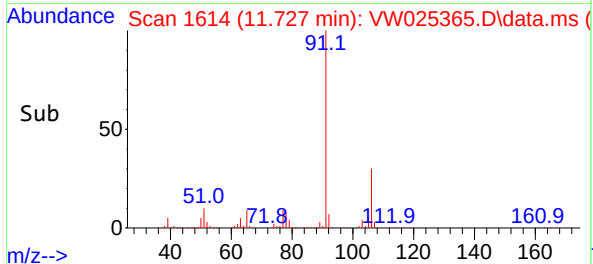
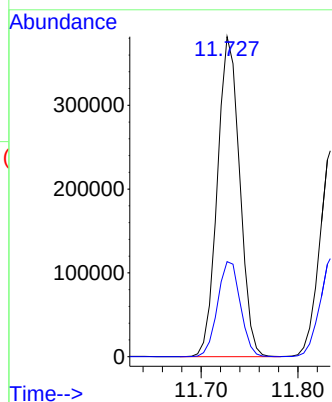
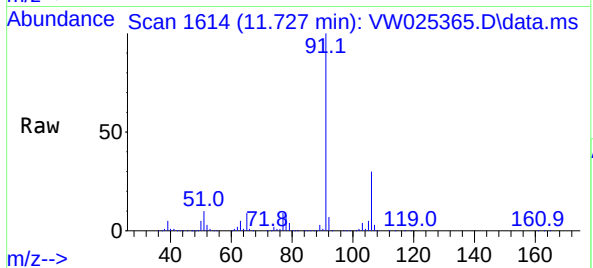




#52
Ethylbenzene
Concen: 26.476 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

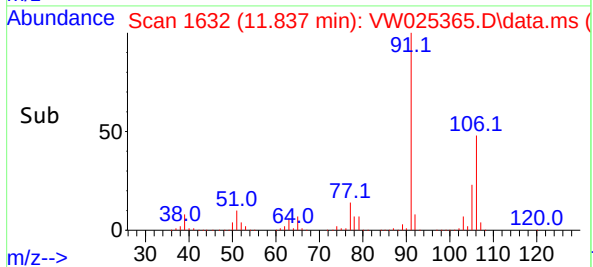
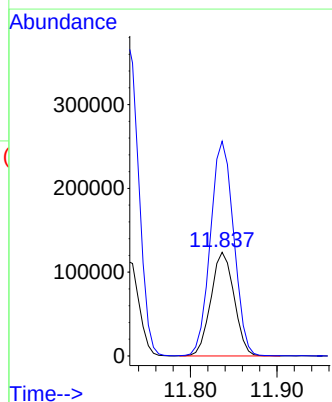
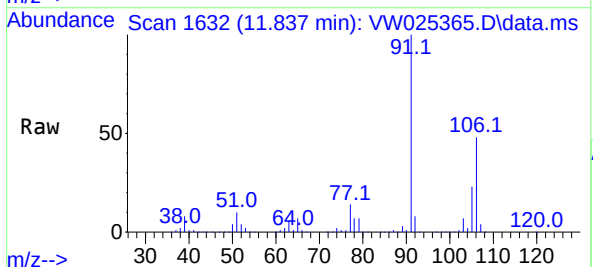
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

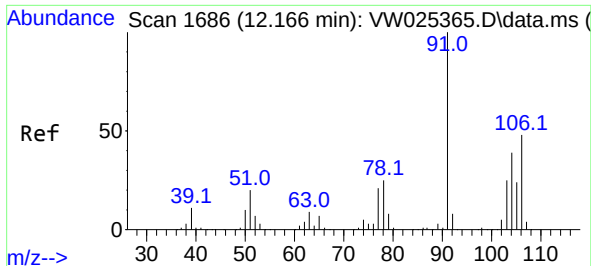
Tgt Ion: 91 Resp: 610589
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.6



#53
m,p-Xylene
Concen: 26.321 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 106 Resp: 230643
Ion Ratio Lower Upper
106 100
91 207.0 144.1 267.7

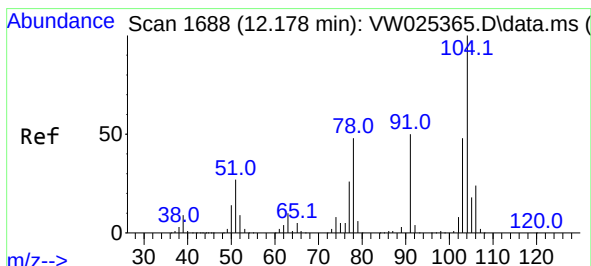
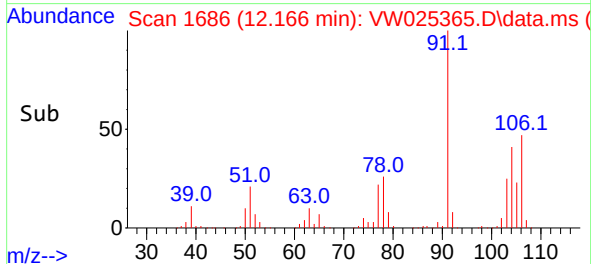
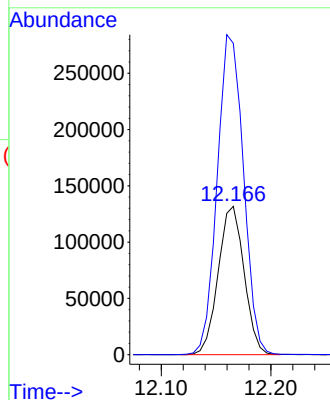
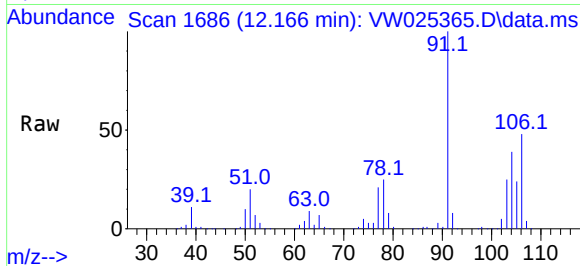




#54
o-Xylene
Concen: 26.706 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

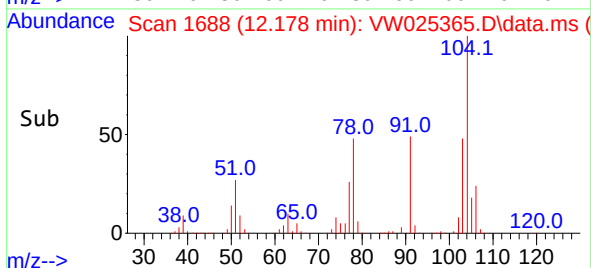
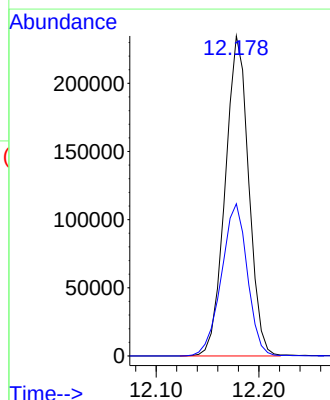
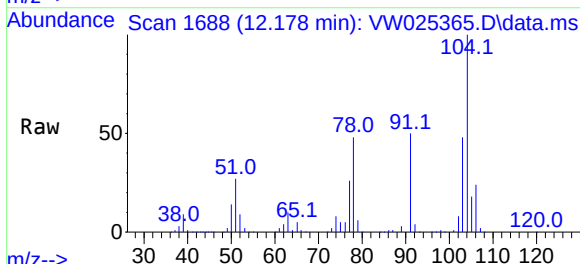
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

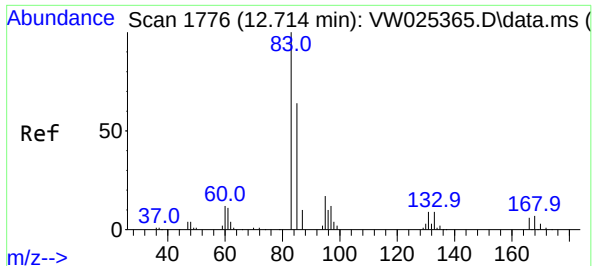
Tgt Ion:106 Resp: 216343
Ion Ratio Lower Upper
106 100
91 209.9 157.1 291.7



#55
Styrene
Concen: 27.085 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion:104 Resp: 373147
Ion Ratio Lower Upper
104 100
78 47.6 36.6 68.0



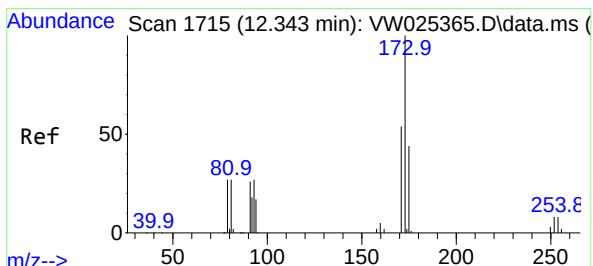
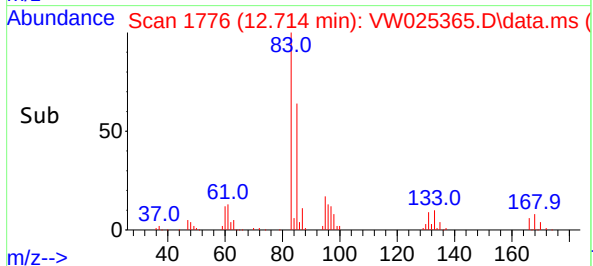
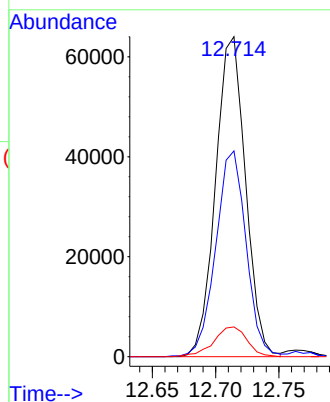
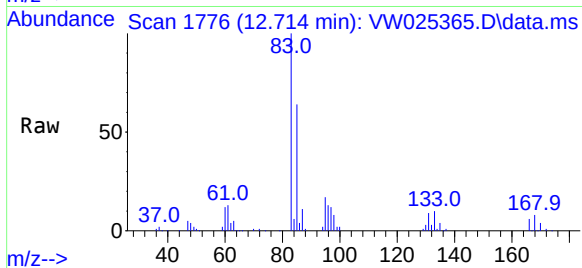


#57
1,1,2,2-Tetrachloroethane
Concen: 27.710 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Tgt Ion: 83 Resp: 105510

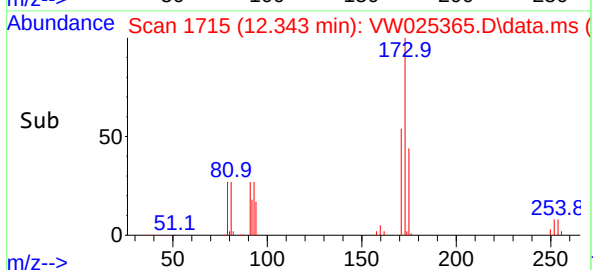
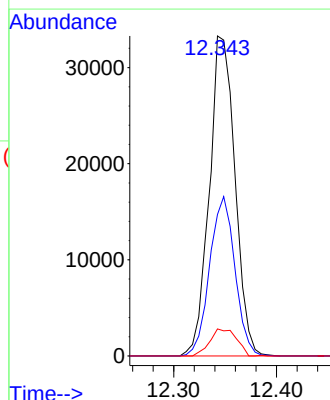
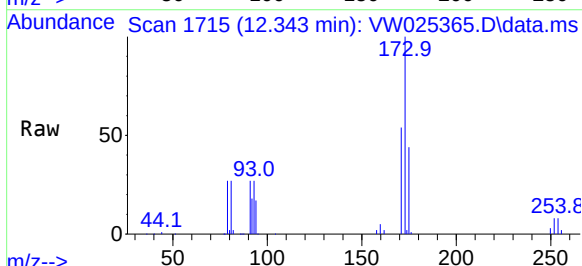
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.6	84.6
131	9.3	8.2	12.2



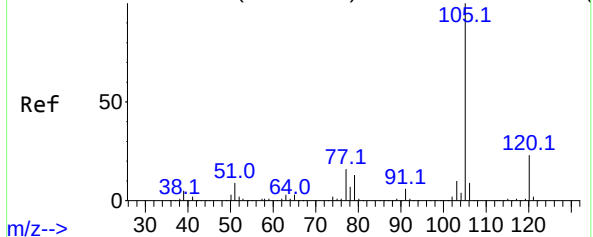
#59
Bromoform
Concen: 24.275 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion: 173 Resp: 57720

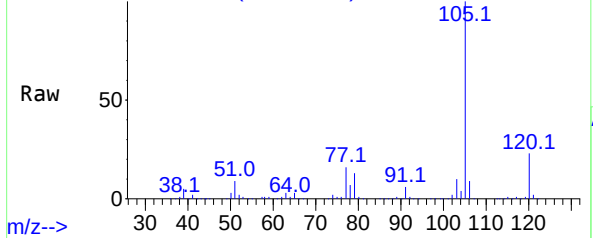
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.0	58.6
254	8.8	7.3	10.9



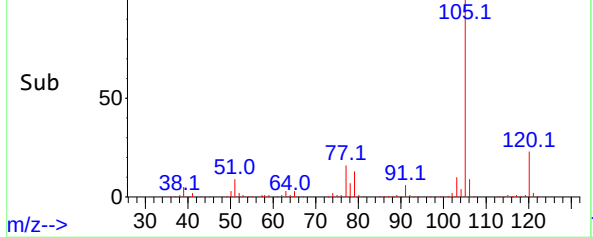
Abundance Scan 1734 (12.458 min): VW025365.D\data.ms (



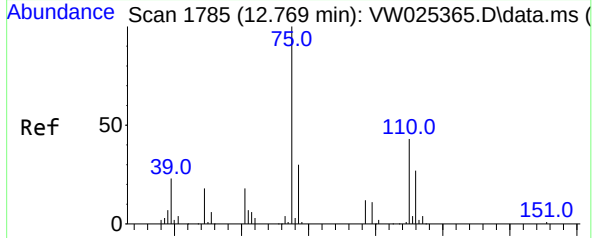
m/z--> Abundance Scan 1734 (12.458 min): VW025365.D\data.ms



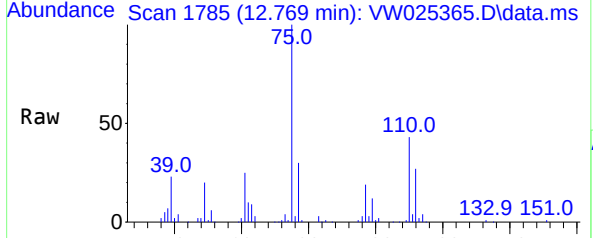
m/z--> Abundance Scan 1734 (12.458 min): VW025365.D\data.ms (



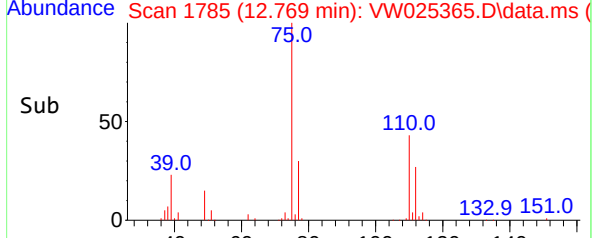
m/z--> Abundance Scan 1785 (12.769 min): VW025365.D\data.ms (



m/z--> Abundance Scan 1785 (12.769 min): VW025365.D\data.ms



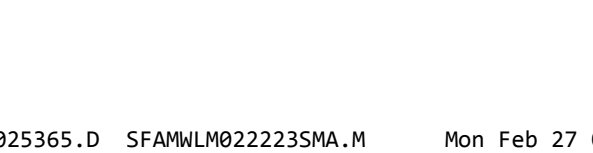
m/z--> Abundance Scan 1785 (12.769 min): VW025365.D\data.ms (



m/z--> Abundance Scan 1785 (12.769 min): VW025365.D\data.ms (

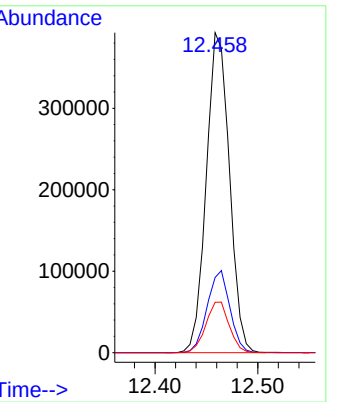


m/z--> Abundance Scan 1785 (12.769 min): VW025365.D\data.ms (



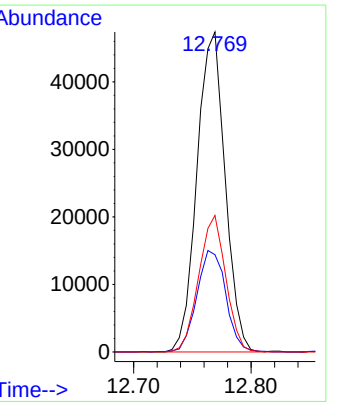
#60
Isopropylbenzene
Concen: 23.609 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

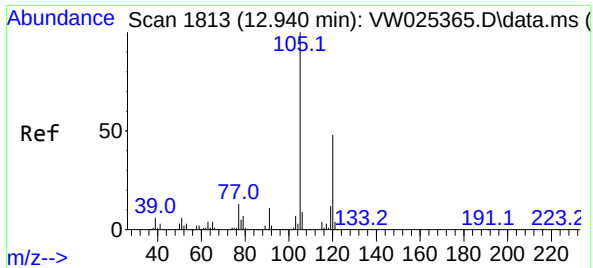
Tgt Ion:	105	Resp:	613314
Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.6	30.8
77	16.1	12.7	19.1



#61
1,2,3-Trichloropropane
Concen: 25.068 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion:	75	Resp:	78887
Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.3	39.5
110	40.9	32.6	49.0

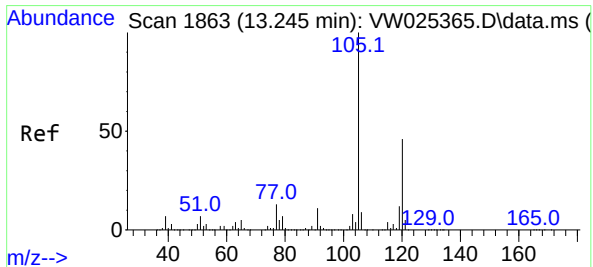
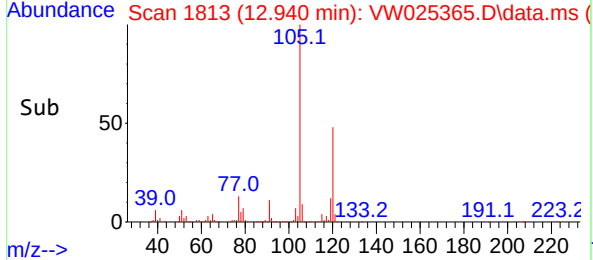
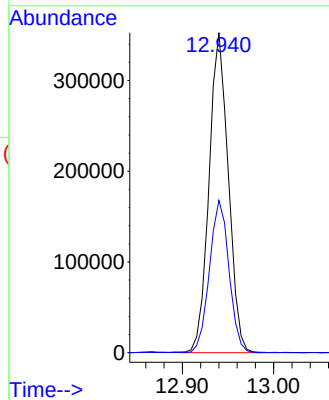
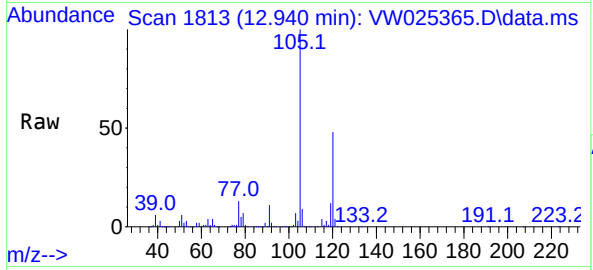




#62
1,3,5-Trimethylbenzene
Concen: 24.721 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

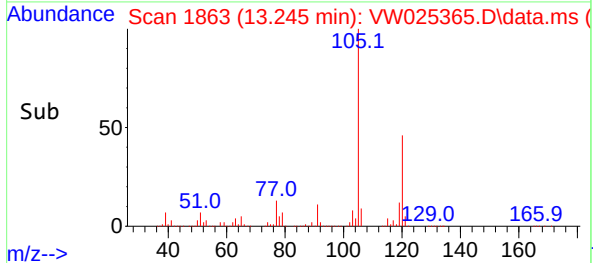
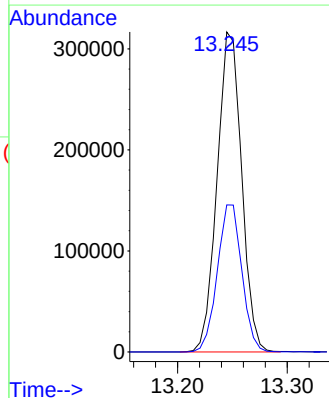
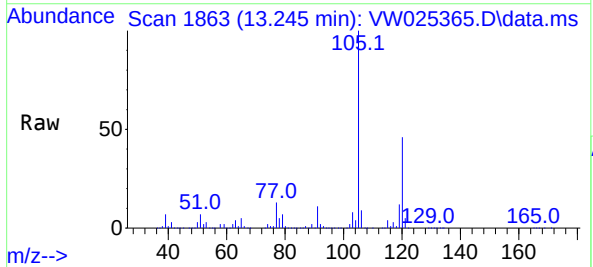
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

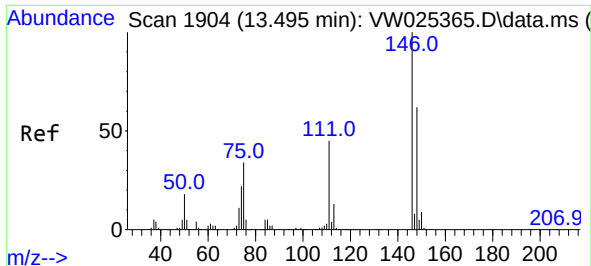
Tgt Ion:105 Resp: 515761
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 24.972 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion:105 Resp: 493164
Ion Ratio Lower Upper
105 100
120 46.1 35.6 53.4

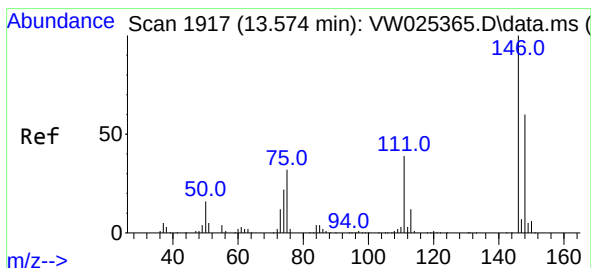
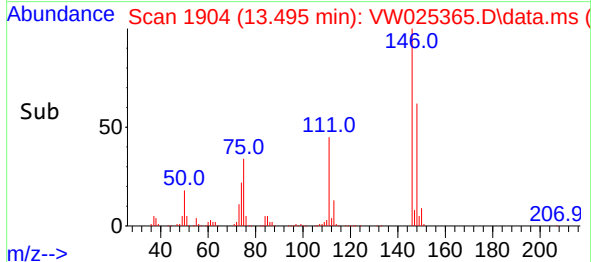
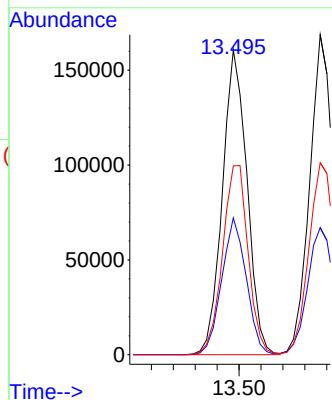
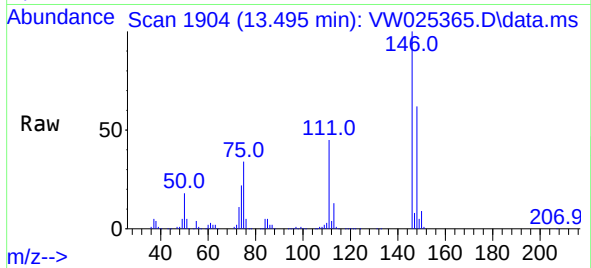




#64
1,3-Dichlorobenzene
Concen: 24.654 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

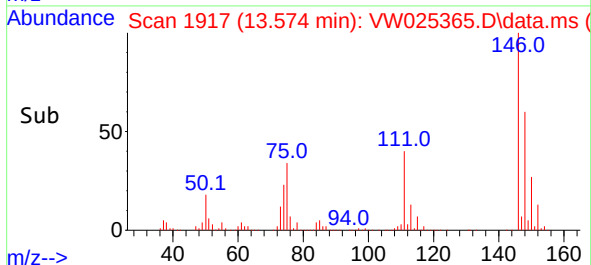
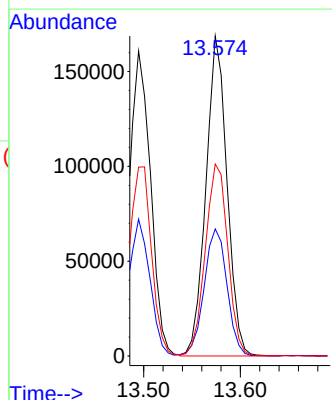
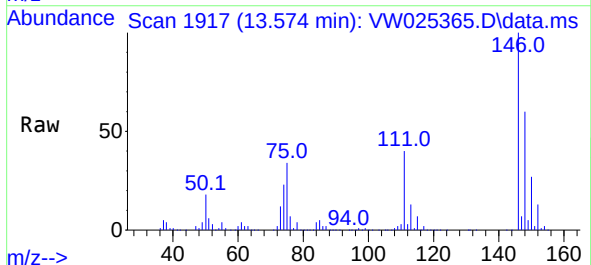
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Tgt Ion:146 Resp: 250440
Ion Ratio Lower Upper
146 100
111 44.9 29.5 54.7
148 61.9 46.0 85.4

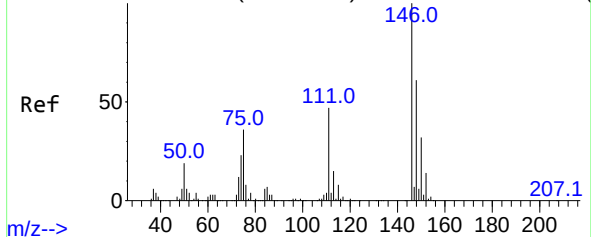


#65
1,4-Dichlorobenzene
Concen: 25.214 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

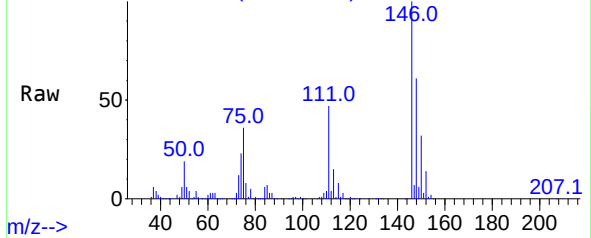
Tgt Ion:146 Resp: 256774
Ion Ratio Lower Upper
146 100
111 39.7 29.8 55.3
148 60.0 41.7 77.5



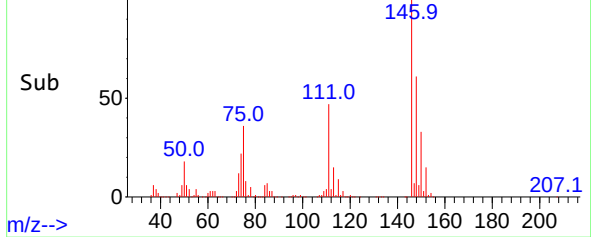
Abundance Scan 1965 (13.867 min): VW025365.D\data.ms (



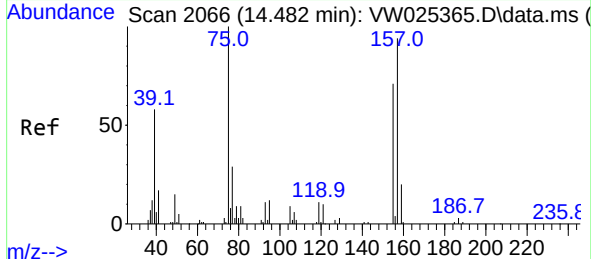
m/z--> Abundance Scan 1965 (13.867 min): VW025365.D\data.ms



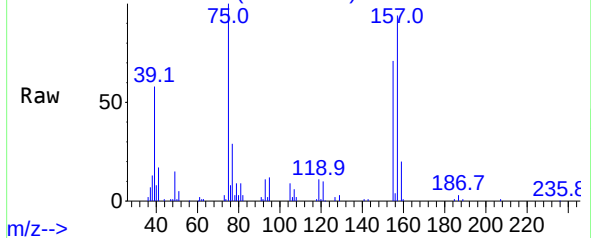
m/z--> Abundance Scan 1965 (13.867 min): VW025365.D\data.ms (



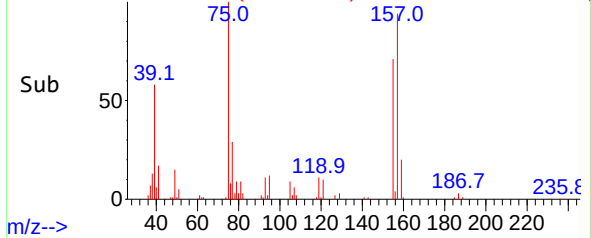
m/z--> Abundance Scan 1965 (13.867 min): VW025365.D\data.ms (



m/z--> Abundance Scan 1965 (13.867 min): VW025365.D\data.ms



m/z--> Abundance Scan 1965 (13.867 min): VW025365.D\data.ms (



m/z--> Abundance Scan 1965 (13.867 min): VW025365.D\data.ms (

#67

1,2-Dichlorobenzene

Concen: 24.176 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

Tgt Ion:146 Resp: 225210

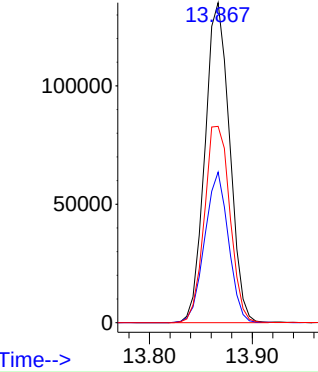
Ion Ratio Lower Upper

146 100

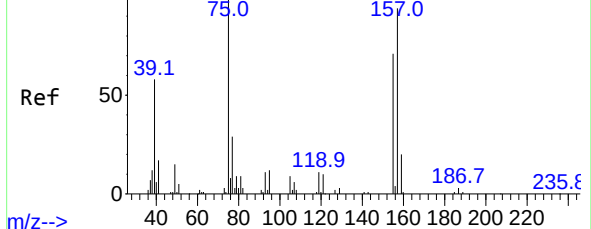
111 47.0 36.5 54.7

148 61.4 51.4 77.0

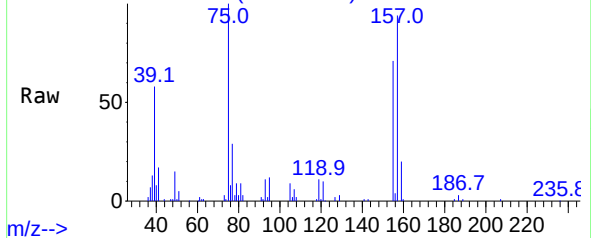
Abundance



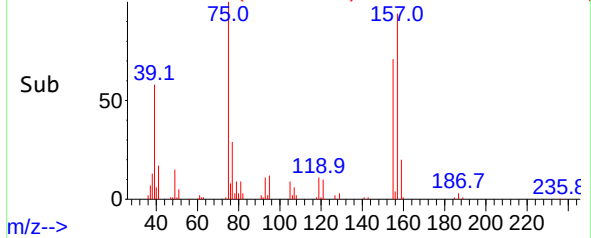
Abundance Scan 2066 (14.482 min): VW025365.D\data.ms (



m/z--> Abundance Scan 2066 (14.482 min): VW025365.D\data.ms



m/z--> Abundance Scan 2066 (14.482 min): VW025365.D\data.ms (



m/z--> Abundance Scan 2066 (14.482 min): VW025365.D\data.ms (

#68

1,2-Dibromo-3-chloropropane

Concen: 26.806 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025365.D

Acq: 24 Feb 2023 09:46

Tgt Ion: 75 Resp: 19491

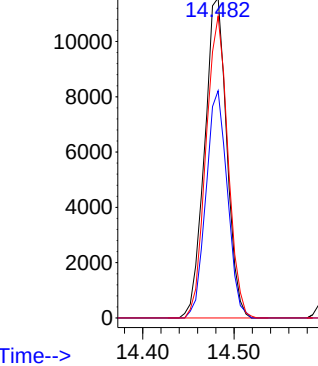
Ion Ratio Lower Upper

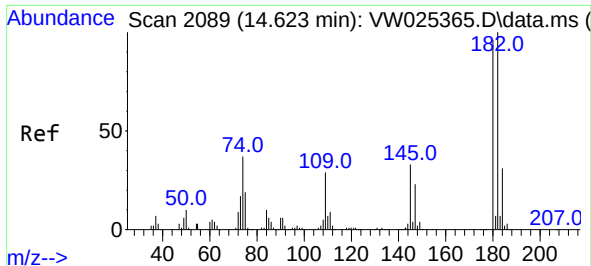
75 100

155 71.0 58.6 87.8

157 94.3 71.4 107.0

Abundance



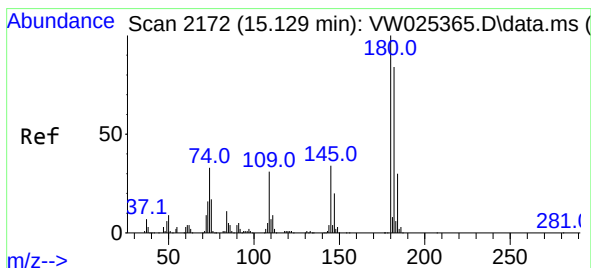
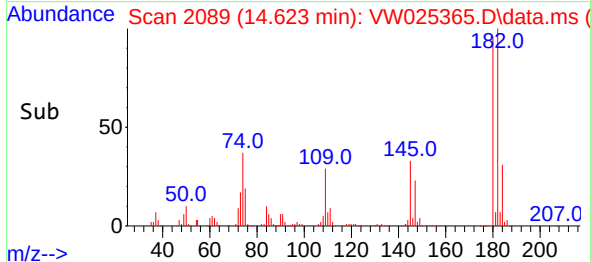
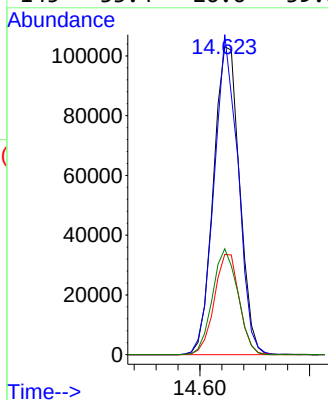
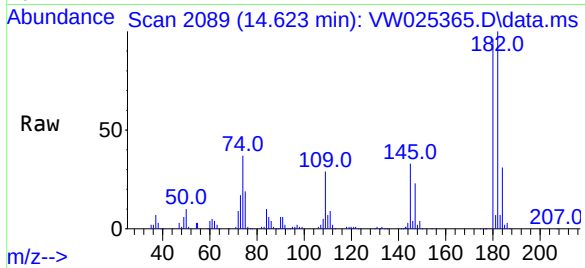


#69
 1,3,5-Trichlorobenzene
 Concen: 24.542 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW025365.D
 Acq: 24 Feb 2023 09:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Tgt Ion:180 Resp: 170637

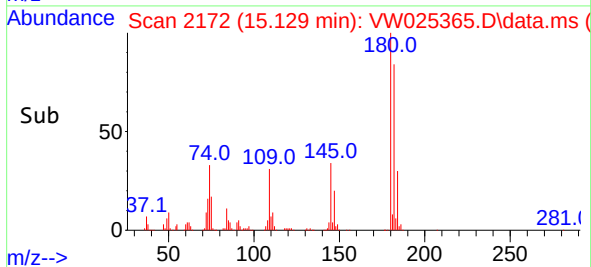
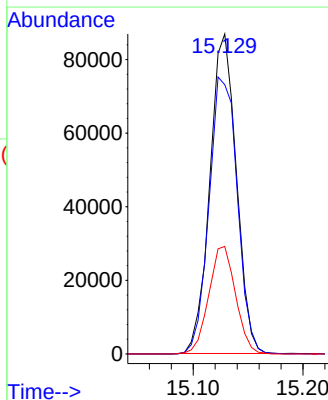
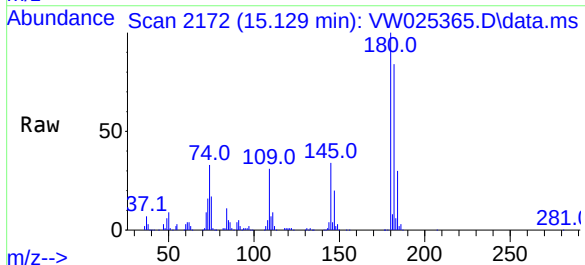
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.5	114.7
184	31.4	25.2	37.8
145	33.4	26.6	39.8

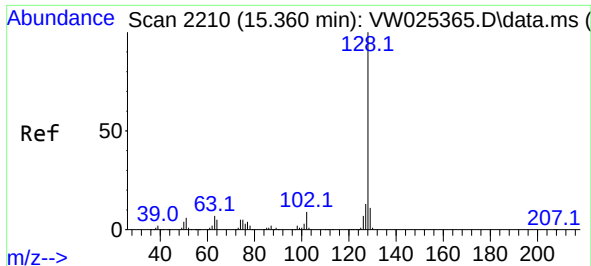


#70
 1,2,4-trichlorobenzene
 Concen: 24.164 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW025365.D
 Acq: 24 Feb 2023 09:46

Tgt Ion:180 Resp: 145788

Ion	Ratio	Lower	Upper
180	100		
182	92.4	72.6	109.0
145	34.2	26.4	39.6

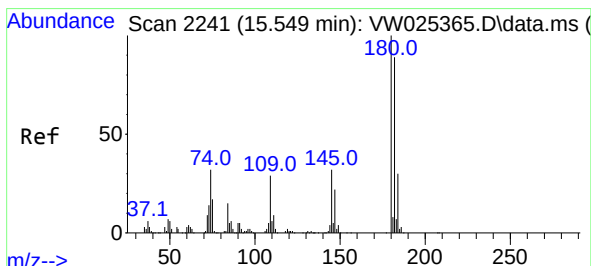
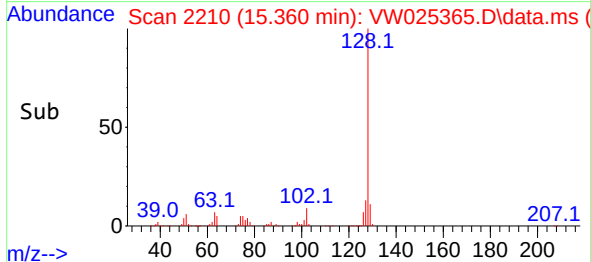
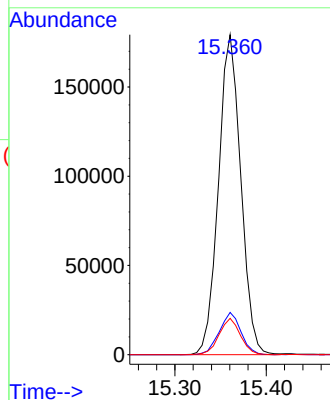
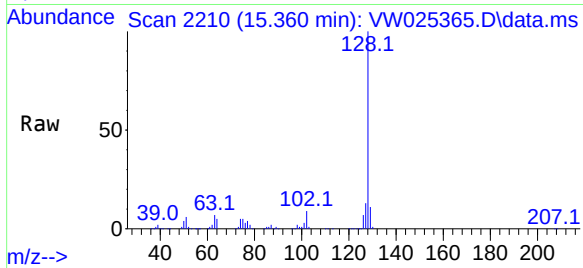




#71
Naphthalene
Concen: 26.275 ug/L
RT: 15.360 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Tgt Ion:128 Resp: 304808
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.820 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025365.D
Acq: 24 Feb 2023 09:46

Tgt Ion:180 Resp: 127175
Ion Ratio Lower Upper
180 100
182 94.1 76.6 115.0
145 34.3 29.3 43.9

