

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020012.D
 Acq On : 14 Sep 2021 14:45
 Operator : SY/VA
 Sample : VSTD00545
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005445

Quant Time: Sep 14 15:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 14 15:49:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	293519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	269708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	138351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	20764	4.469	ug/L	0.00
7) Chloroethane-d5	2.892	69	19301	4.749	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	35126	4.435	ug/L	0.00
21) 2-Butanone-d5	7.086	46	13345	13.350	ug/L	0.00
24) Chloroform-d	7.653	84	38176	4.752	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	23258	5.266	ug/L	0.00
32) Benzene-d6	8.281	84	70099	4.602	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	20745	4.539	ug/L	0.00
41) Toluene-d8	10.323	98	65463	4.675	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9198	4.778	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8361	11.843	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	21570	5.533	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	21603	4.533	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	15954	5.395	ug/L	100
3) Chloromethane	2.221	50	19902	5.418	ug/L	100
5) Vinyl chloride	2.367	62	32759	5.833	ug/L	96
6) Bromomethane	2.782	94	23441	5.688	ug/L	97
8) Chloroethane	2.928	64	20489	5.637	ug/L	94
9) Trichlorofluoromethane	3.270	101	18507	5.200	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	21806	5.268	ug/L	96
12) 1,1-Dichloroethene	4.044	96	19443	4.829	ug/L	93
13) Acetone	4.135	43	14362	16.432	ug/L	91
14) Carbon disulfide	4.391	76	65034	5.036	ug/L	99
15) Methyl Acetate	4.678	43	11489	6.416	ug/L	99
16) Methylene chloride	4.922	84	30190	5.939	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	20680	4.904	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	13574	2.756	ug/L #	59
19) 1,1-Dichloroethane	6.226	63	36755	4.921	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	21016	4.944	ug/L	98
22) 2-Butanone	7.183	43	17082	15.059	ug/L	95
23) Bromochloromethane	7.525	128	10096	5.241	ug/L	87
25) Chloroform	7.683	83	38688	4.989	ug/L	100
27) 1,2-Dichloroethane	8.403	62	27680	5.396	ug/L	99
29) Cyclohexane	7.958	56	27559	4.348	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	33462	5.487	ug/L	98
31) Carbon tetrachloride	8.074	117	30420	5.310	ug/L	99
33) Benzene	8.324	78	83409	5.028	ug/L	100
34) Trichloroethene	9.092	95	22031	5.095	ug/L	95
35) Methylcyclohexane	9.342	83	33974	4.585	ug/L	97
37) 1,2-Dichloropropane	9.372	63	20581	5.029	ug/L	99
38) Bromodichloromethane	9.646	83	27510	5.156	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	28671	4.750	ug/L	93
40) 4-Methyl-2-pentanone	10.213	43	28432	12.167	ug/L	97
42) Toluene	10.390	91	84656	4.798	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	26319	4.862	ug/L	92

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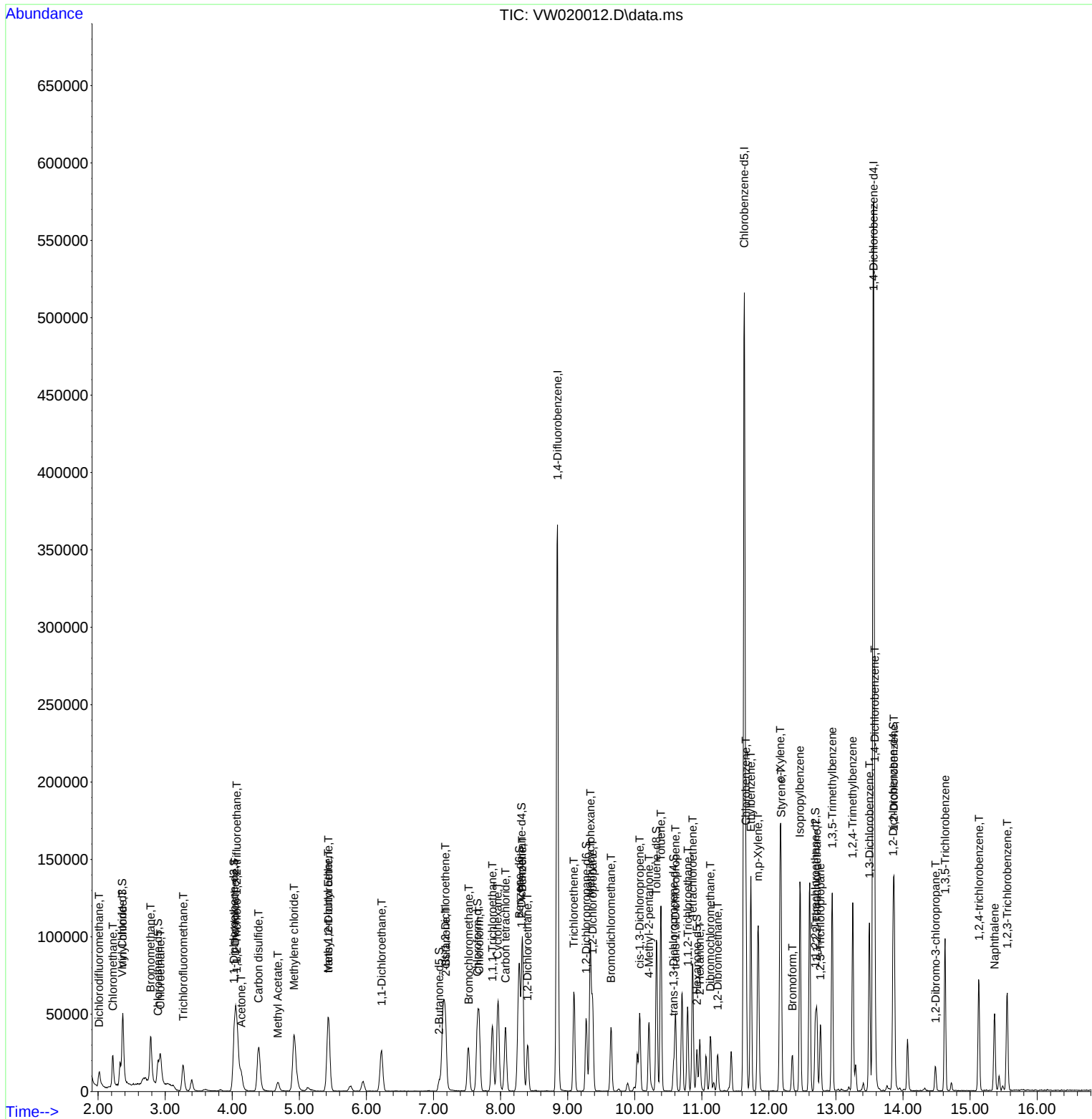
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 14 15:49:13 2021
 Response via : Initial Calibration

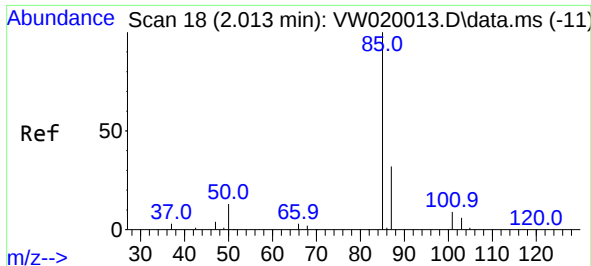
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.793	97	16605	5.499	ug/L	95
46) Tetrachloroethene	10.866	164	18128	5.510	ug/L	97
48) 2-Hexanone	10.969	43	20174	12.205	ug/L	99
49) Dibromochloromethane	11.128	129	18266	5.282	ug/L	100
50) 1,2-Dibromoethane	11.238	107	16095	5.615	ug/L	100
51) Chlorobenzene	11.658	112	57206	5.097	ug/L	96
52) Ethylbenzene	11.731	91	89369	4.696	ug/L	99
53) m,p-Xylene	11.841	106	33733	4.610	ug/L	91
54) o-Xylene	12.170	106	30736	4.456	ug/L	100
55) Styrene	12.183	104	52563	4.445	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	22668	5.993	ug/L	99
59) Bromoform	12.353	173	10364	5.395	ug/L	99
60) Isopropylbenzene	12.463	105	82133	4.358	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	16898	5.920	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	64588	4.283	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	63956	4.219	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	41453	4.875	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	43839	5.077	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	37484	4.887	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	3979	6.198	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	28129	4.841	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	21768	4.832	ug/L	100
71) Naphthalene	15.365	128	41460	4.529	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	20417	4.889	ug/L	98

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

Instrument :
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Quant Title : SFAM01.0
QLast Update : Tue Sep 14 15:49:13 2021
Response via : Initial Calibration

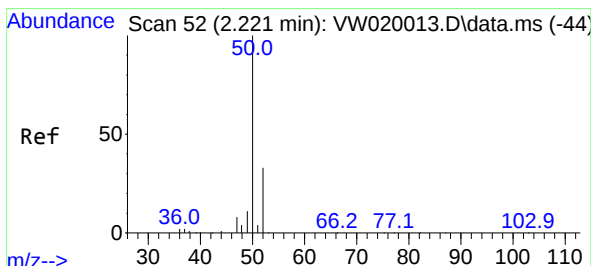
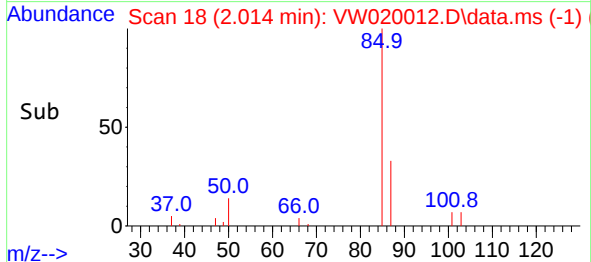
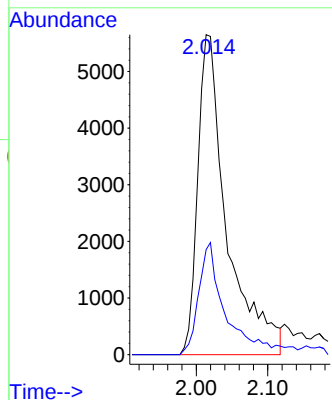
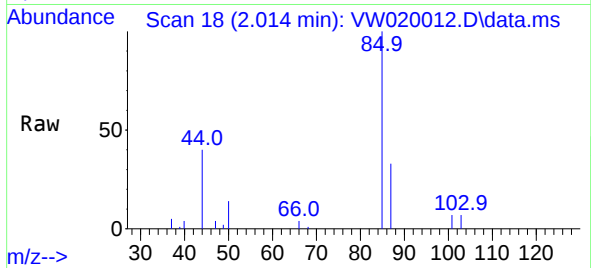




#2
 Dichlorodifluoromethane
 Concen: 5.395 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VW020012.D
 Acq: 14 Sep 2021 14:45

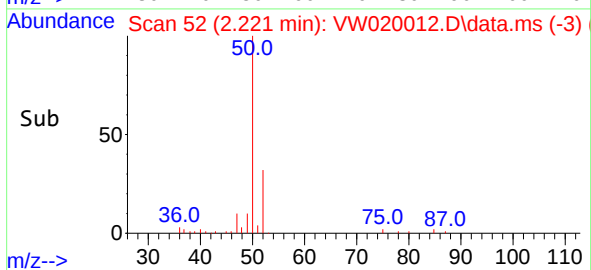
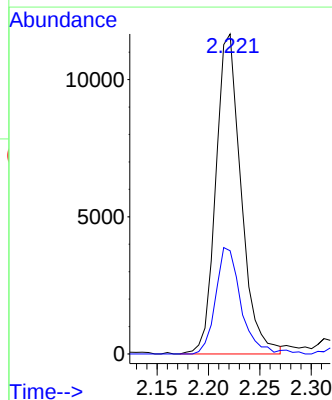
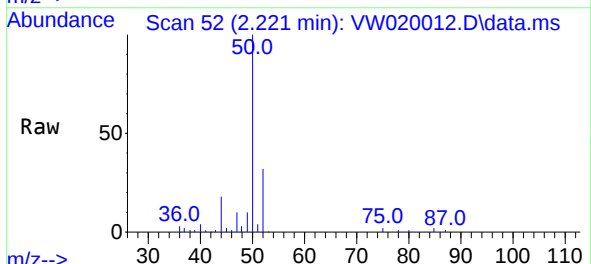
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 ClientSampleId :
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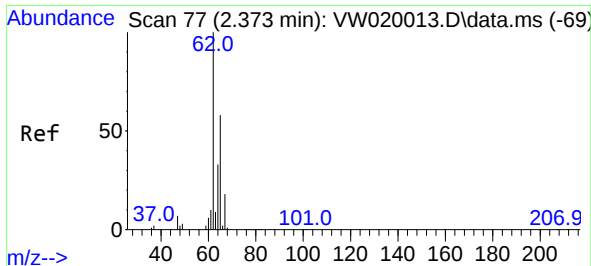
Tgt Ion: 85 Resp: 15954
 Ion Ratio Lower Upper
 85 100
 87 29.4 23.3 34.9



#3
 Chloromethane
 Concen: 5.418 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW020012.D
 Acq: 14 Sep 2021 14:45

Tgt Ion: 50 Resp: 19902
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9

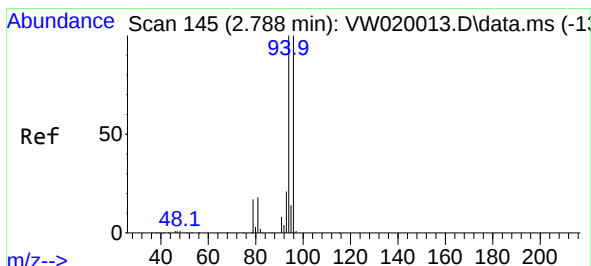
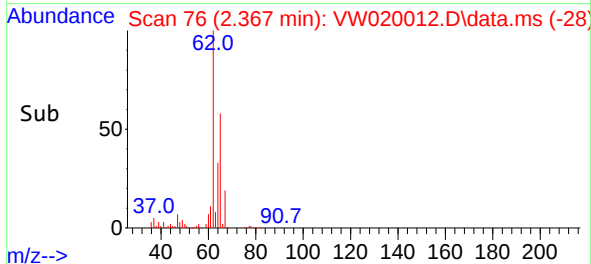
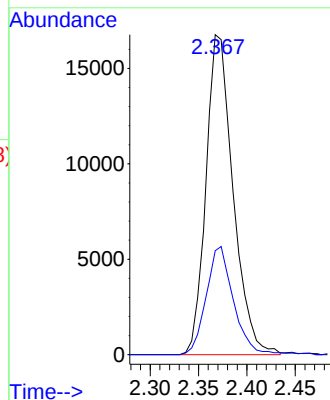
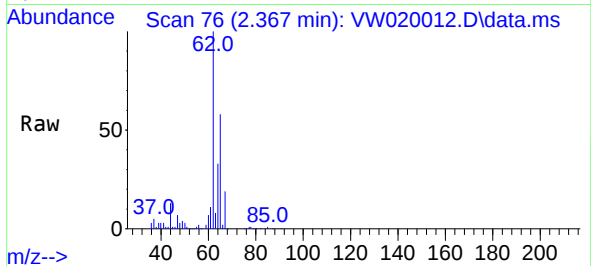




#5
 Vinyl chloride
 Concen: 5.833 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW020012.D
 Acq: 14 Sep 2021 14:45

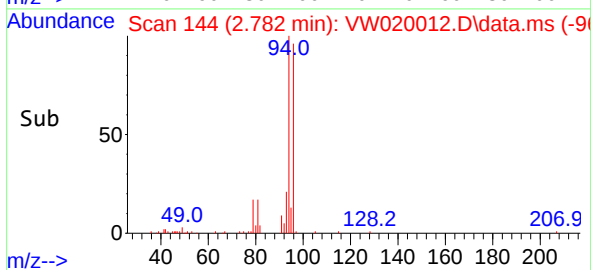
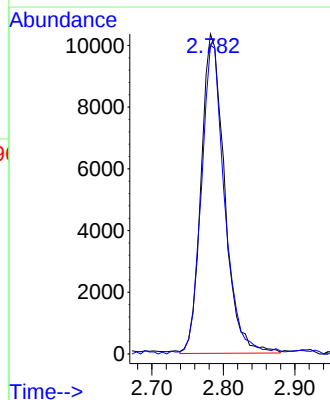
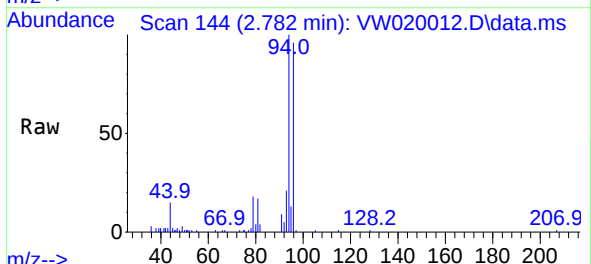
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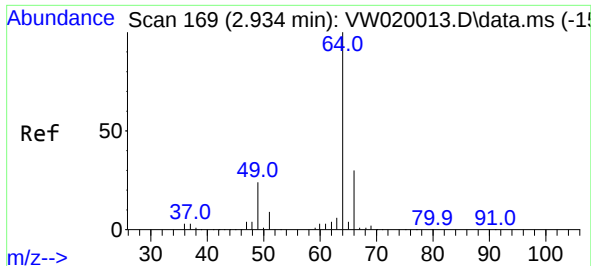
Tgt Ion: 62 Resp: 32759
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.2 45.0



#6
 Bromomethane
 Concen: 5.688 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW020012.D
 Acq: 14 Sep 2021 14:45

Tgt Ion: 94 Resp: 23441
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.3 121.3

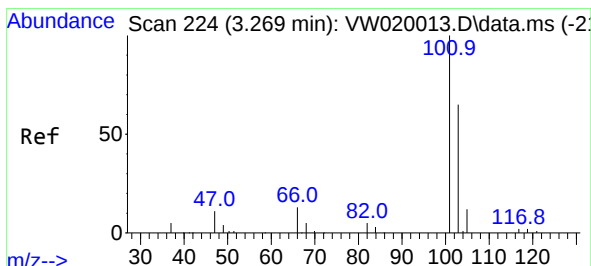
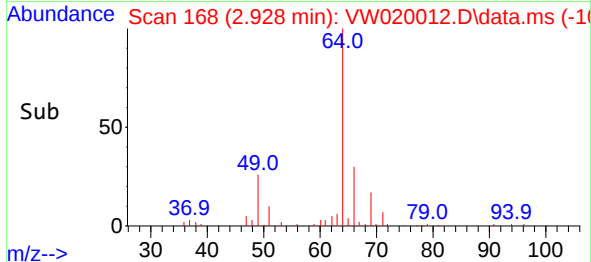
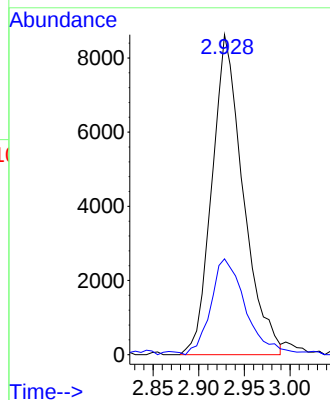
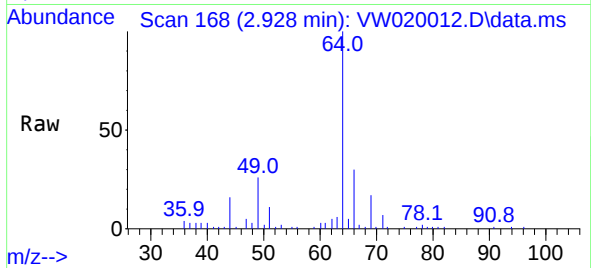




#8
Chloroethane
Concen: 5.637 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

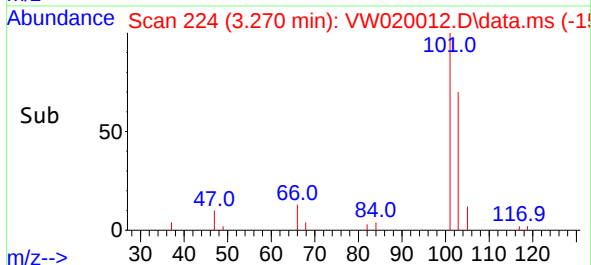
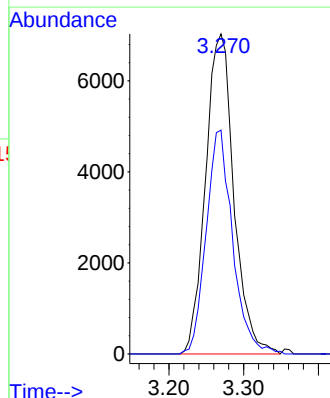
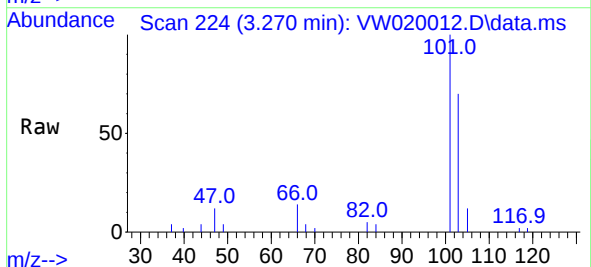
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

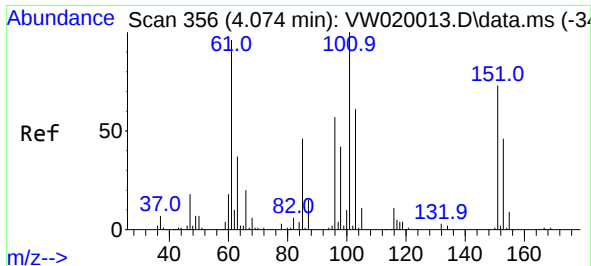
Tgt Ion: 64 Resp: 20489
Ion Ratio Lower Upper
64 100
66 30.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.200 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 101 Resp: 18507
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

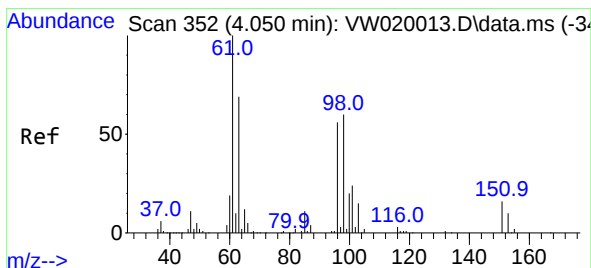
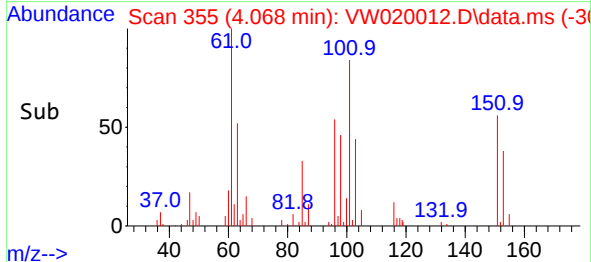
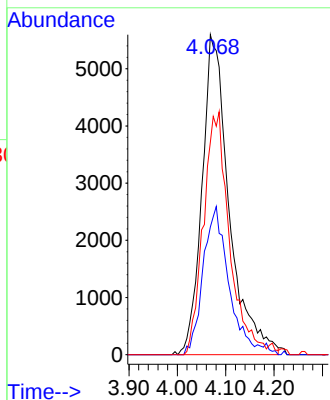
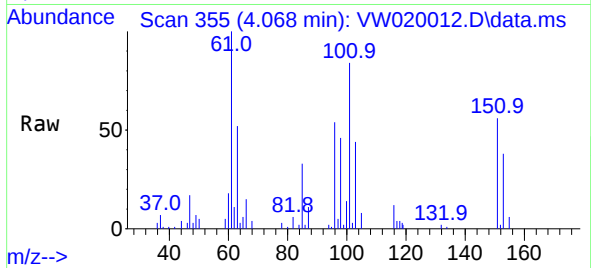




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.268 ug/L
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

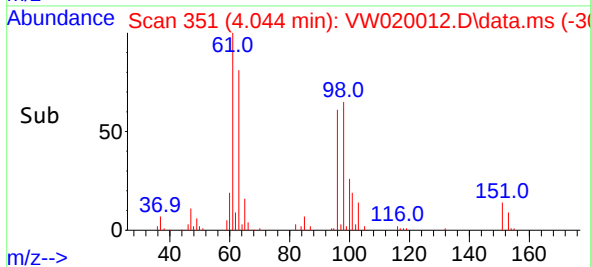
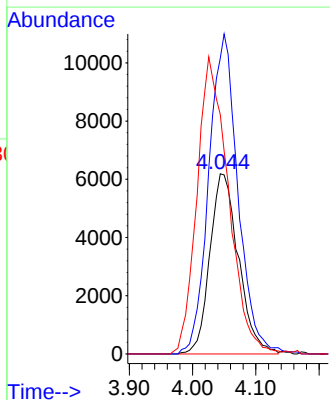
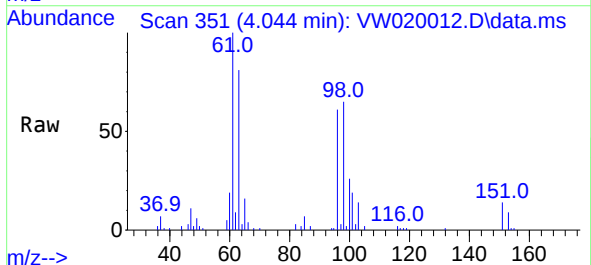
Instrument :
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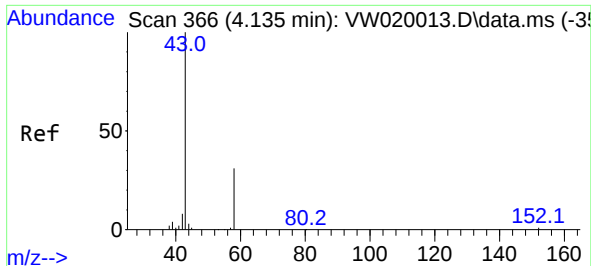
Tgt Ion:101 Resp: 21806
Ion Ratio Lower Upper
101 100
85 43.0 38.2 57.2
151 72.6 56.6 85.0



#12
1,1-Dichloroethene
Concen: 4.829 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 96 Resp: 19443
Ion Ratio Lower Upper
96 100
61 164.1 118.1 219.3
63 132.9 83.7 155.5

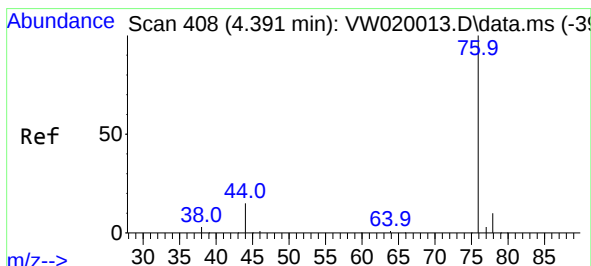
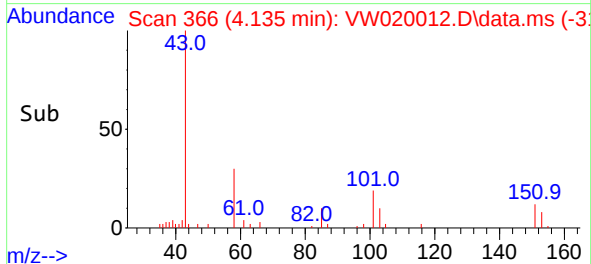
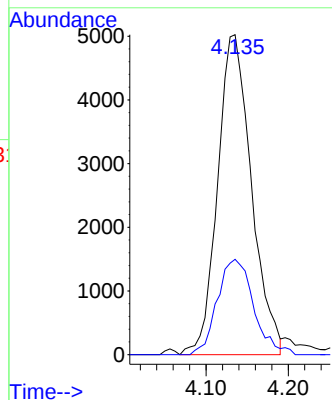
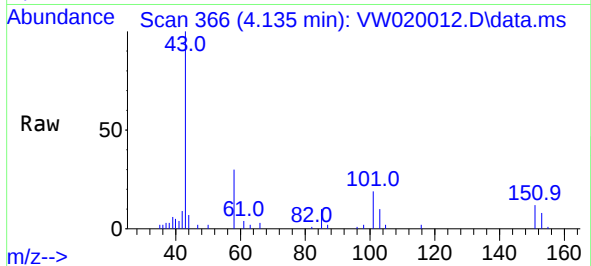




#13
Acetone
Concen: 16.432 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

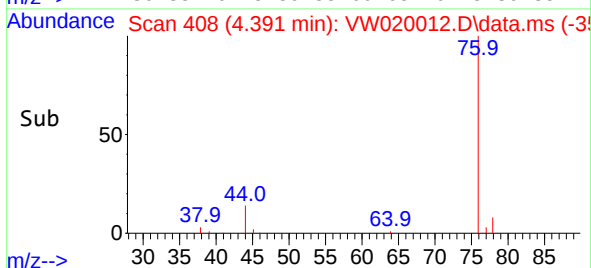
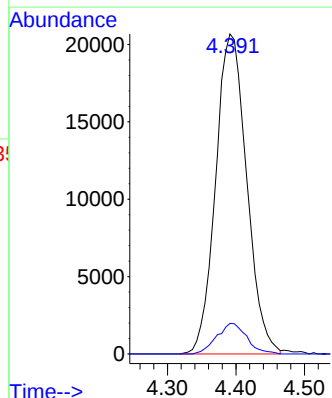
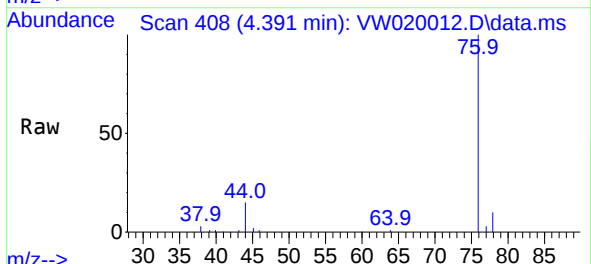
Instrument :
MSVOA_W
ClientSampled :
VSTD005445

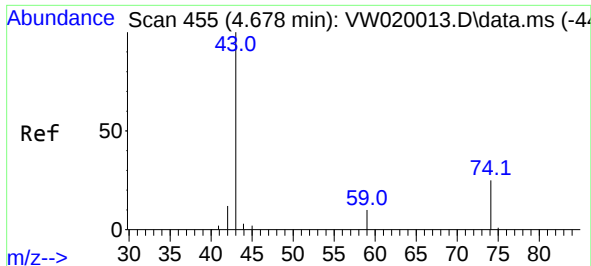
Tgt Ion: 43 Resp: 14362
Ion Ratio Lower Upper
43 100
58 31.5 0.0 53.8



#14
Carbon disulfide
Concen: 5.036 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 76 Resp: 65034
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

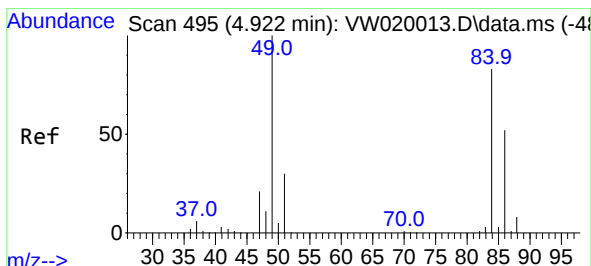
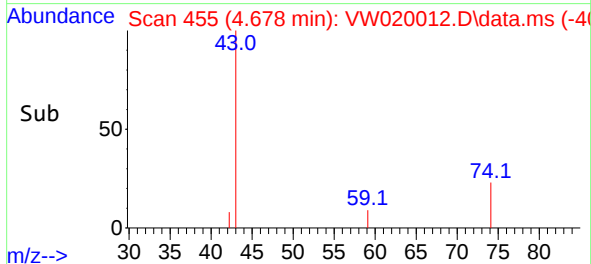
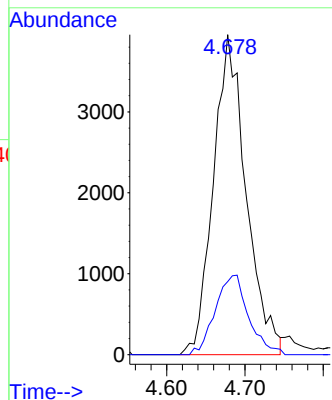
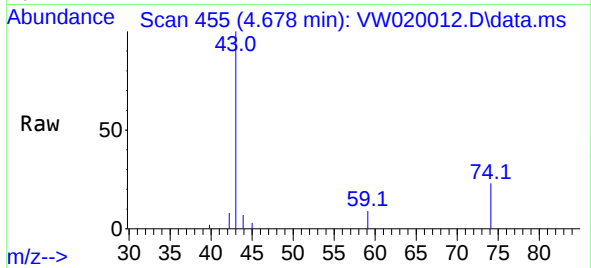




#15
Methyl Acetate
Concen: 6.416 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

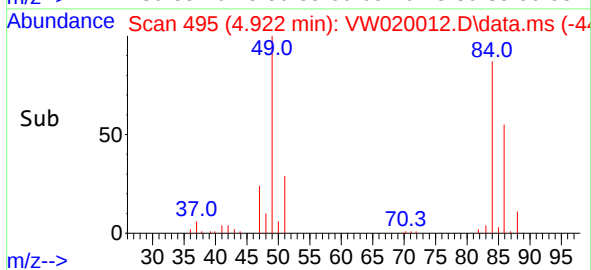
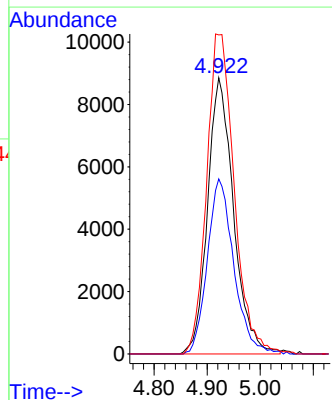
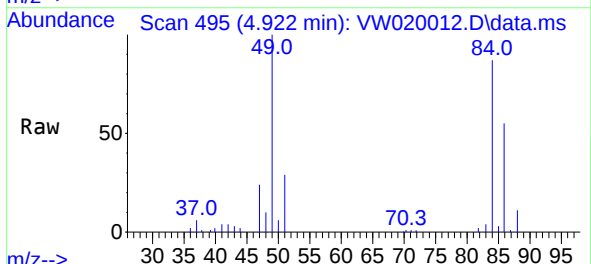
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

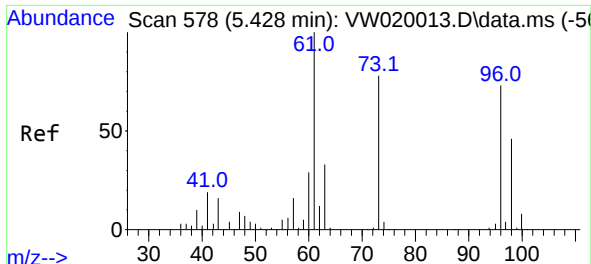
Tgt Ion: 43 Resp: 11489
Ion Ratio Lower Upper
43 100
74 25.3 20.0 30.0



#16
Methylene chloride
Concen: 5.939 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 84 Resp: 30190
Ion Ratio Lower Upper
84 100
86 63.4 45.3 84.1
49 115.5 86.6 160.8

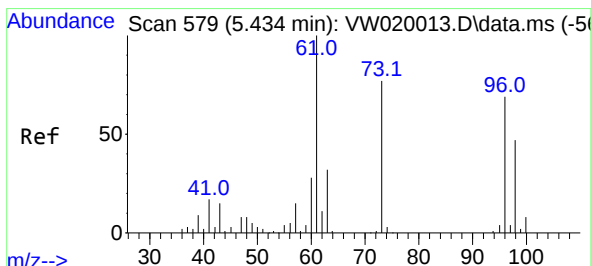
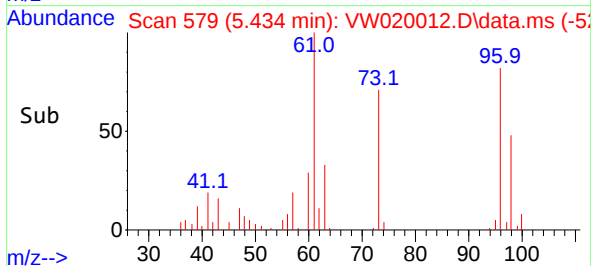
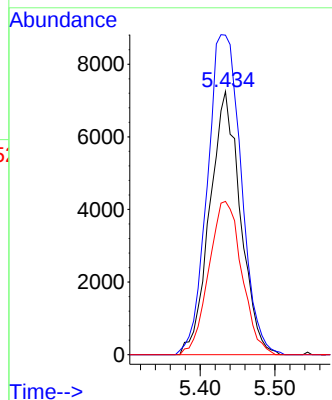
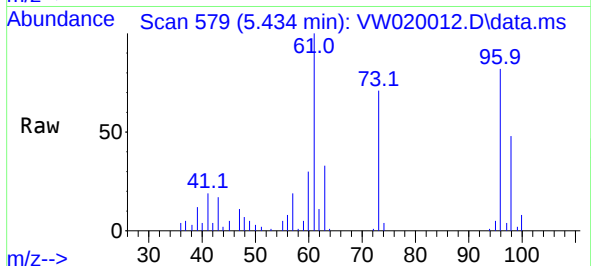




#17
trans-1,2-Dichloroethene
Concen: 4.904 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

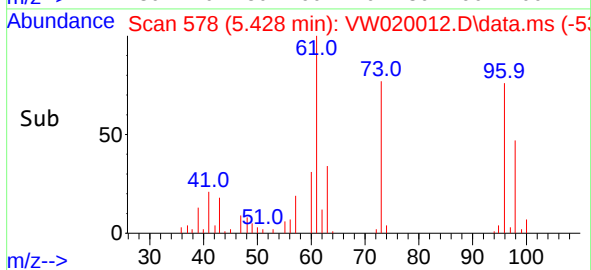
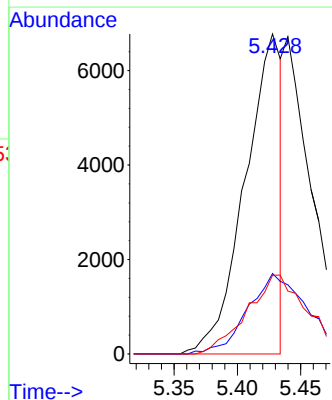
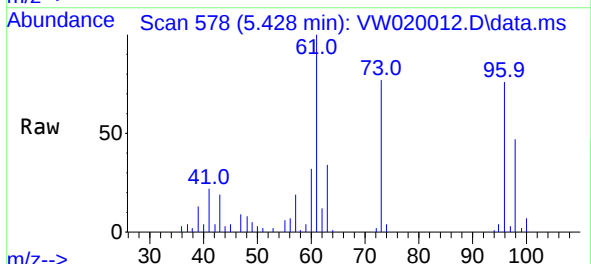
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

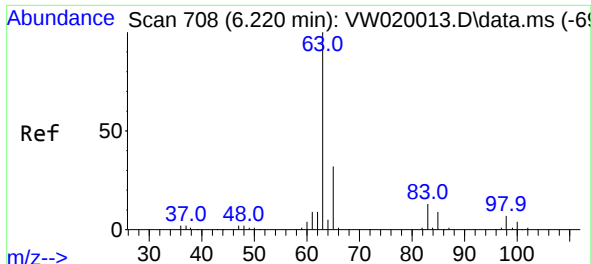
Tgt Ion: 96 Resp: 20680
Ion Ratio Lower Upper
96 100
61 121.4 98.3 182.7
98 58.3 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 2.756 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 73 Resp: 13574
Ion Ratio Lower Upper
73 100
43 41.2 17.7 26.5#
57 40.5 17.0 25.4#



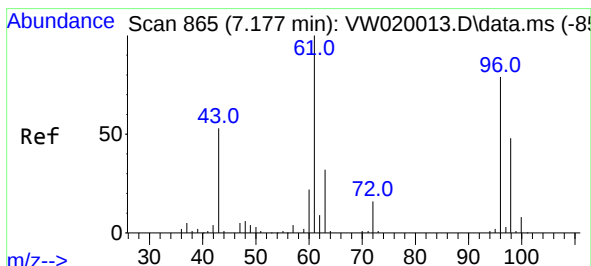
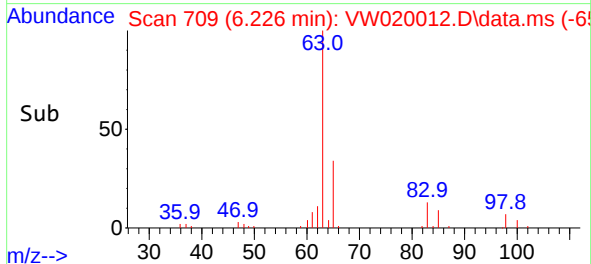
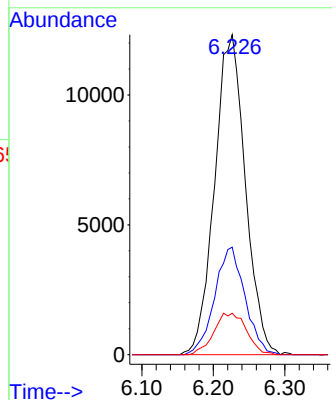
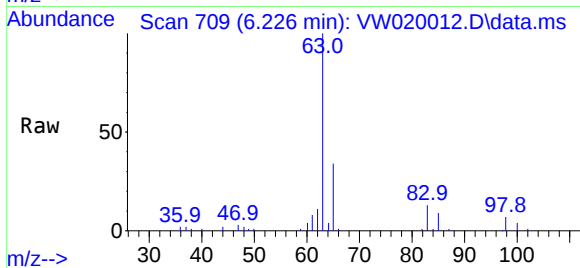


#19
1,1-Dichloroethane
Concen: 4.921 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

Tgt Ion: 63 Resp: 36755

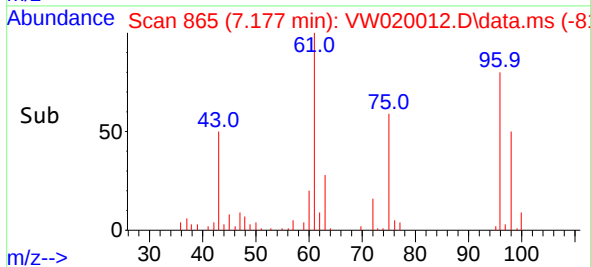
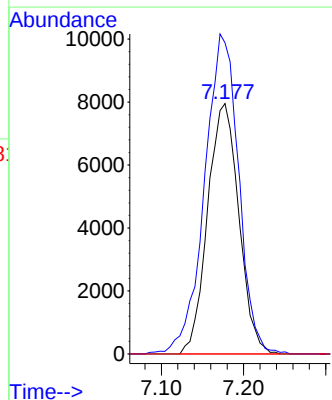
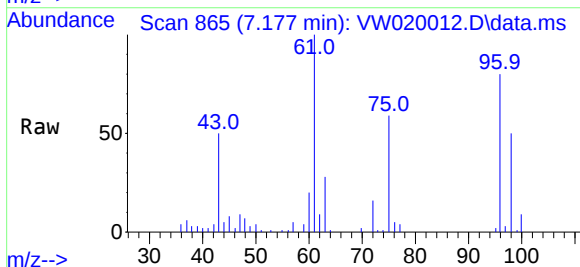
Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.9	42.5
83	13.0	10.2	19.0

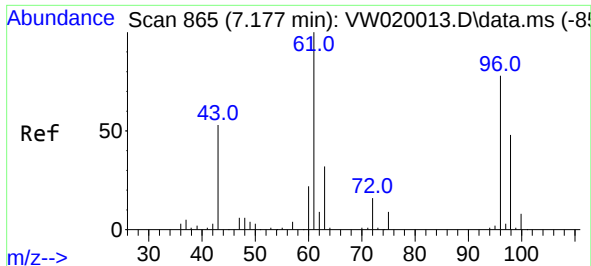


#20
cis-1,2-Dichloroethene
Concen: 4.944 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 96 Resp: 21016

Ion	Ratio	Lower	Upper
96	100		
61	124.3	88.5	164.3
68	0.0	0.0	0.0

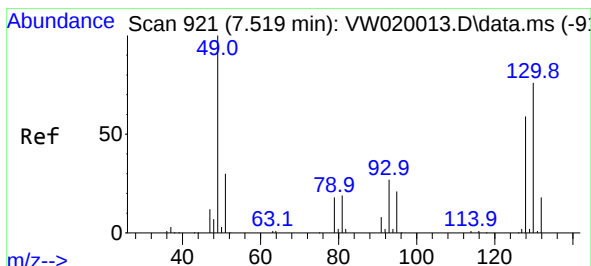
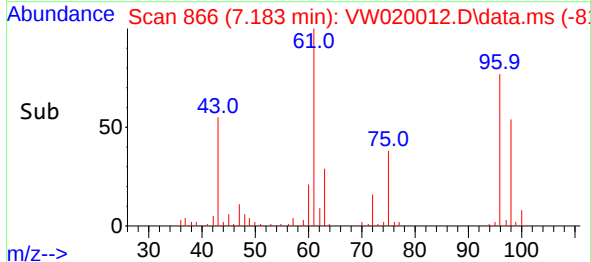
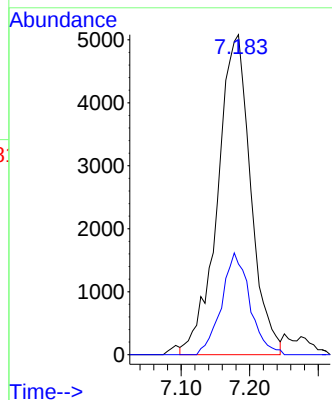
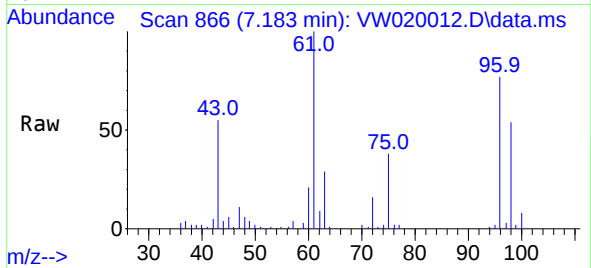




#22
2-Butanone
Concen: 15.059 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

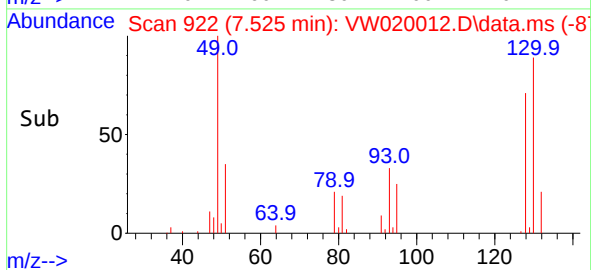
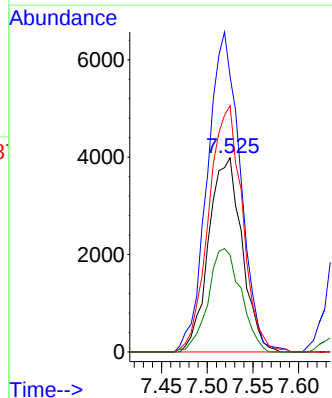
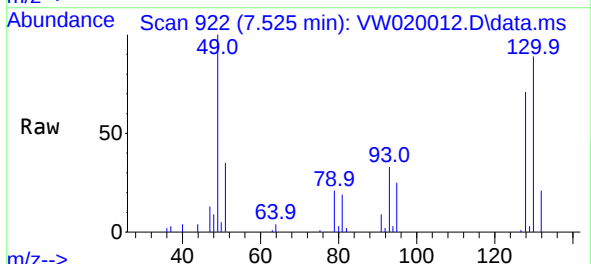
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

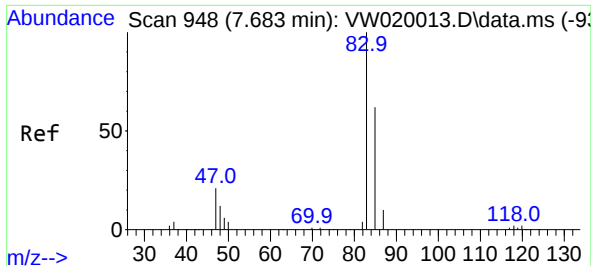
Tgt Ion: 43 Resp: 17082
Ion Ratio Lower Upper
43 100
72 27.1 14.9 44.7



#23
Bromochloromethane
Concen: 5.241 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 128 Resp: 10096
Ion Ratio Lower Upper
128 100
49 141.8 116.3 215.9
130 126.9 82.4 153.0
51 49.9 42.6 64.0





#25

Chloroform

Concen: 4.989 ug/L

RT: 7.683 min Scan# 948

Delta R.T. 0.000 min

Lab File: VW020012.D

Acq: 14 Sep 2021 14:45

Instrument :

MSVOA_W

ClientSampleId :

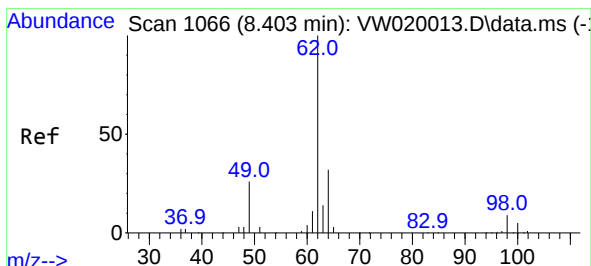
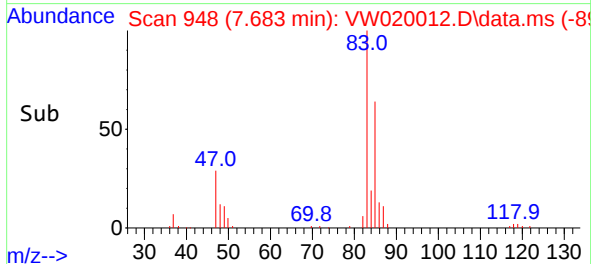
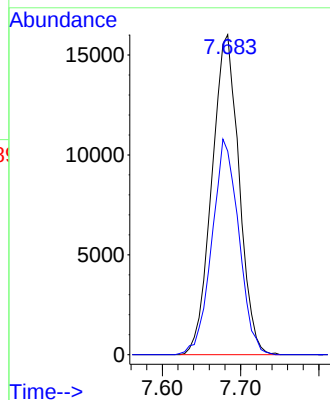
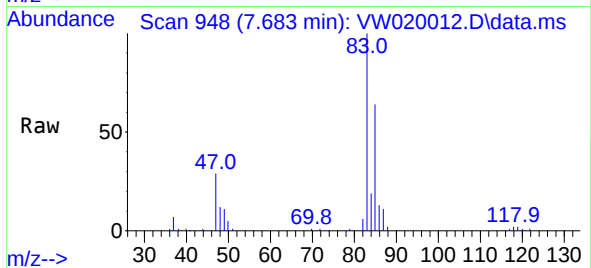
VSTD005445

Tgt Ion: 83 Resp: 38688

Ion Ratio Lower Upper

83 100

85 63.6 44.6 82.8



#27

1,2-Dichloroethane

Concen: 5.396 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW020012.D

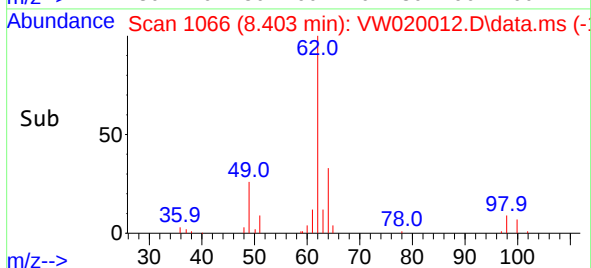
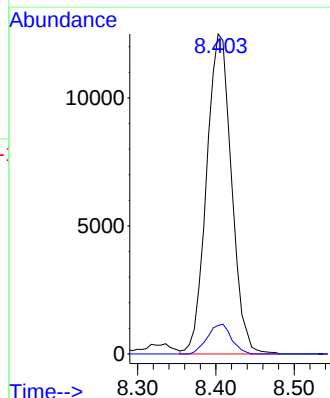
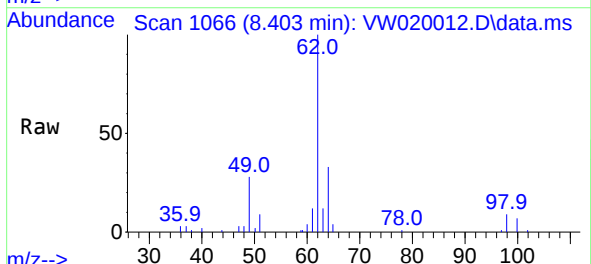
Acq: 14 Sep 2021 14:45

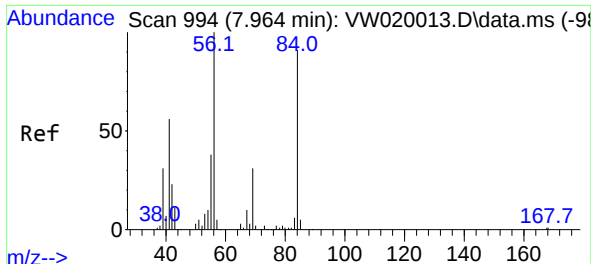
Tgt Ion: 62 Resp: 27680

Ion Ratio Lower Upper

62 100

98 8.9 6.9 10.3

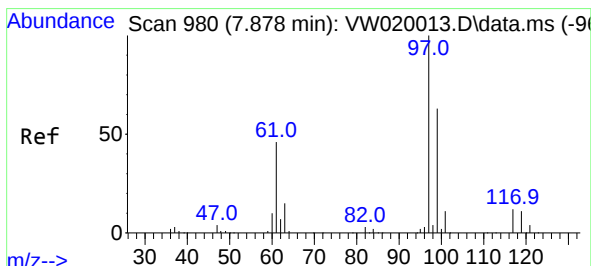
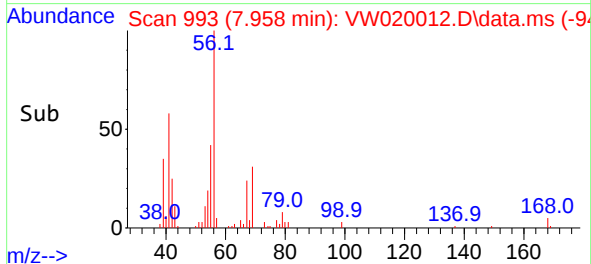
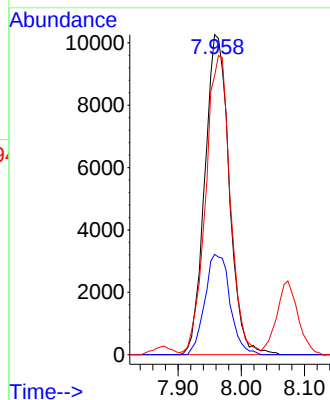
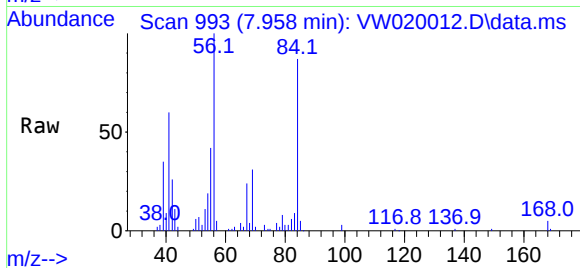




#29
Cyclohexane
Concen: 4.348 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

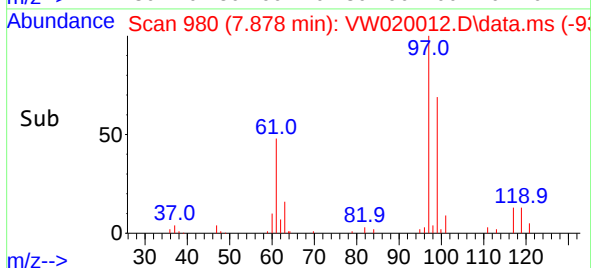
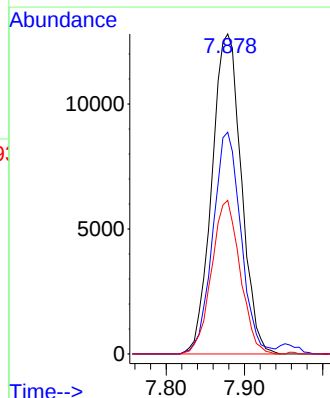
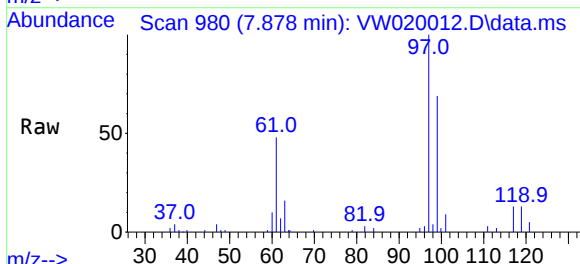
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

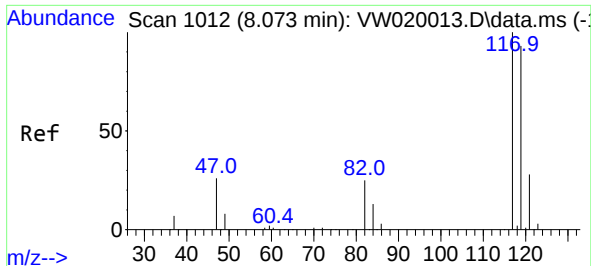
Tgt Ion: 56 Resp: 27559
Ion Ratio Lower Upper
56 100
69 32.2 24.5 36.7
84 94.6 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 5.487 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 97 Resp: 33462
Ion Ratio Lower Upper
97 100
99 66.4 51.4 77.2
61 46.5 37.8 56.6

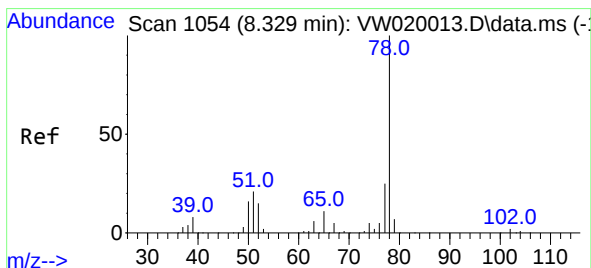
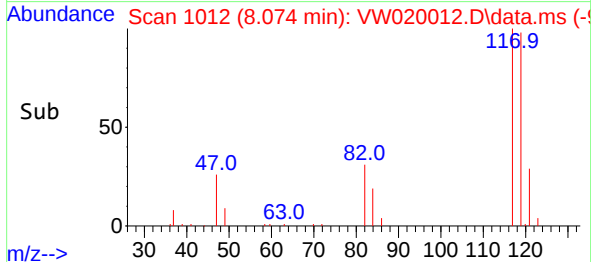
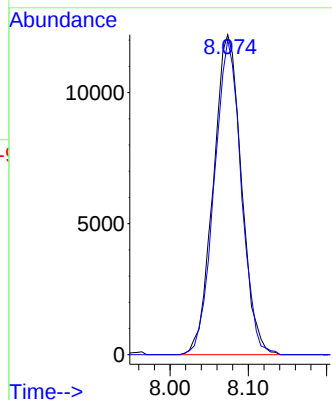
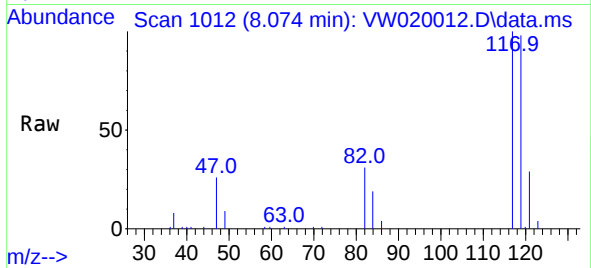




#31
Carbon tetrachloride
Concen: 5.310 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

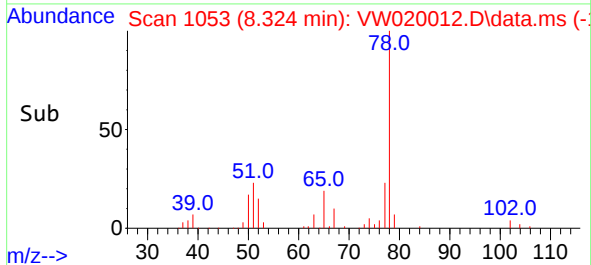
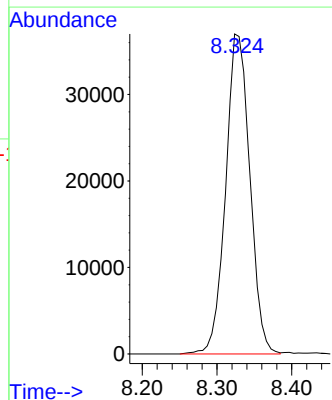
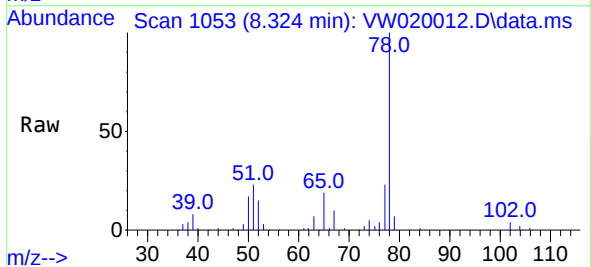
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

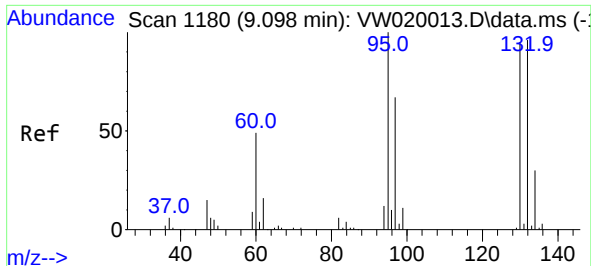
Tgt Ion:117 Resp: 30420
Ion Ratio Lower Upper
117 100
119 94.6 76.5 114.7



#33
Benzene
Concen: 5.028 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 78 Resp: 83409



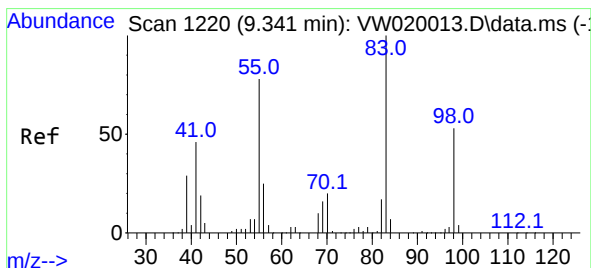
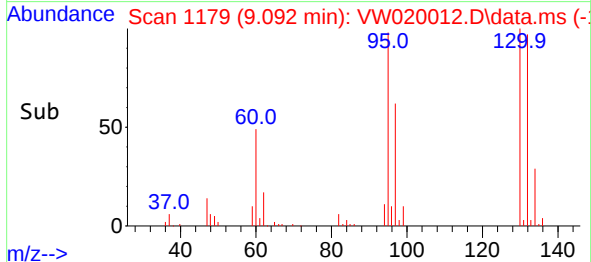
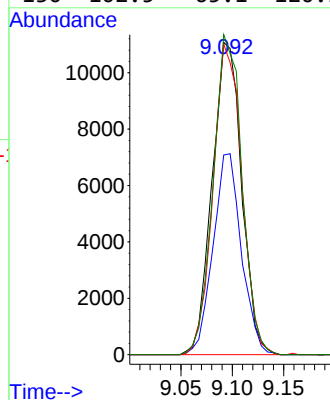
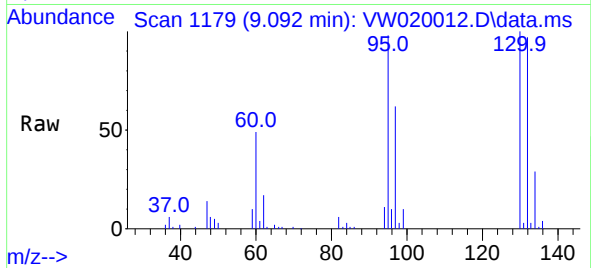


#34
Trichloroethene
Concen: 5.095 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

Tgt Ion: 95 Resp: 22031

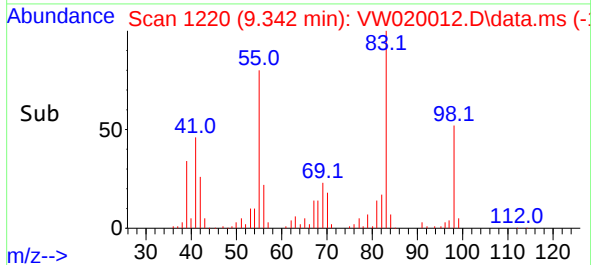
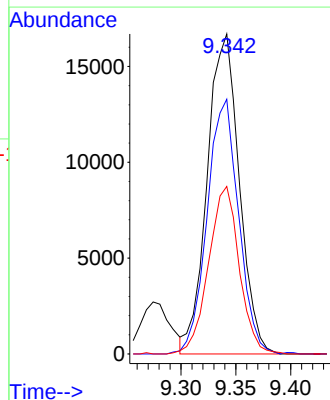
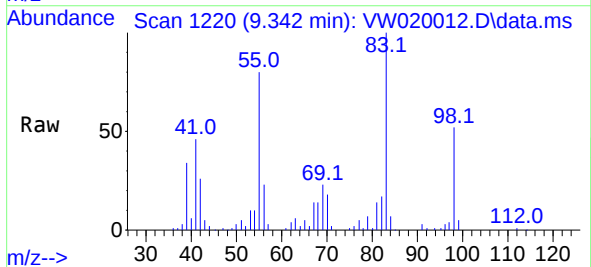
Ion	Ratio	Lower	Upper
95	100		
97	63.9	47.3	87.8
132	99.4	71.0	131.8
130	102.5	65.1	120.9

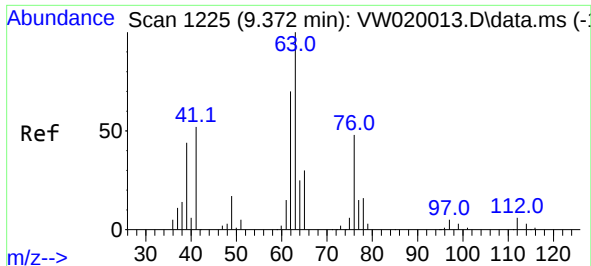


#35
Methylcyclohexane
Concen: 4.585 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 83 Resp: 33974

Ion	Ratio	Lower	Upper
83	100		
55	78.1	58.9	88.3
98	50.0	40.1	60.1

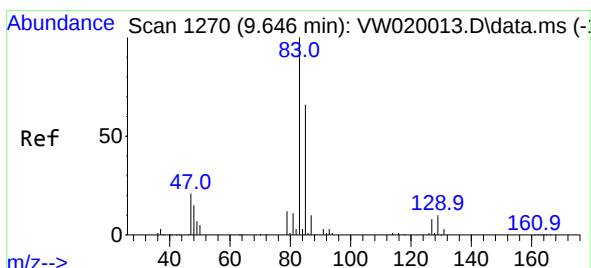
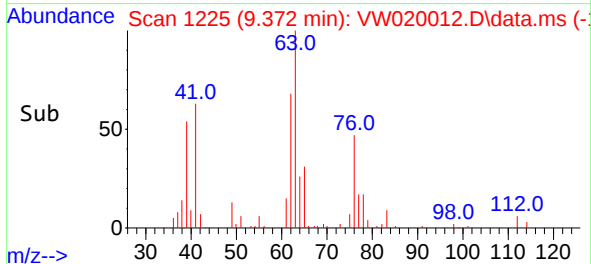
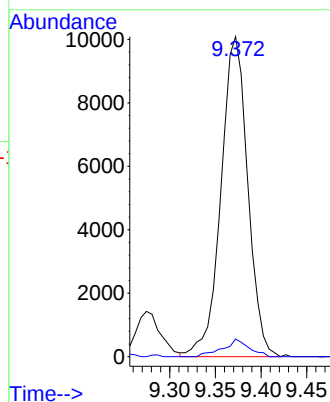
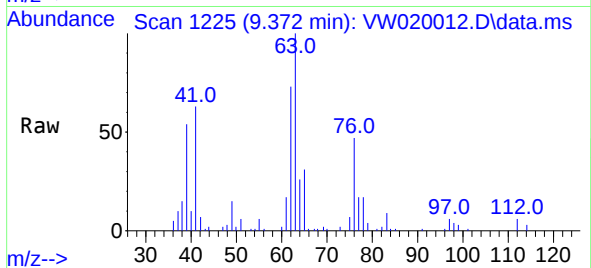




#37
1,2-Dichloropropane
Concen: 5.029 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

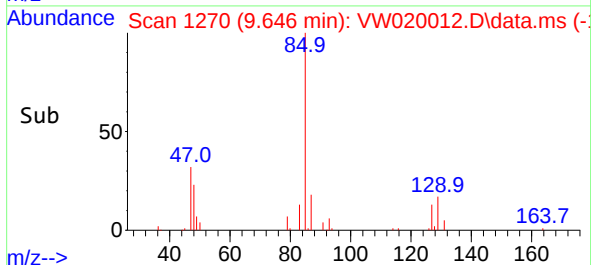
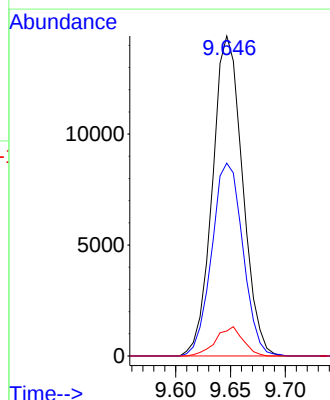
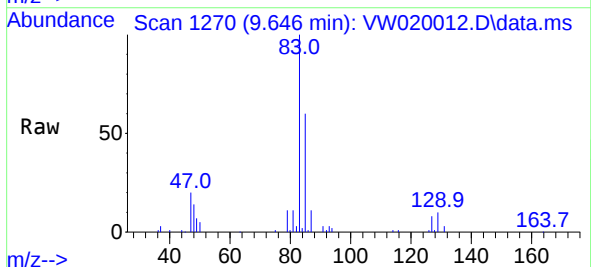
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

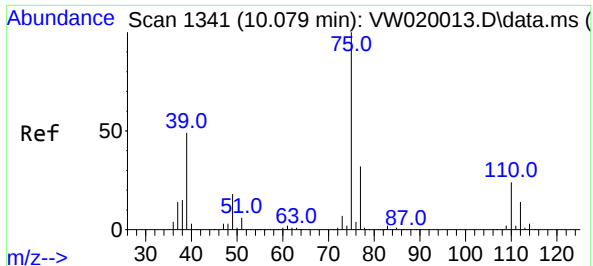
Tgt Ion: 63 Resp: 20581
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9



#38
Bromodichloromethane
Concen: 5.156 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 83 Resp: 27510
Ion Ratio Lower Upper
83 100
85 60.3 42.3 78.5
127 7.8 6.6 9.8

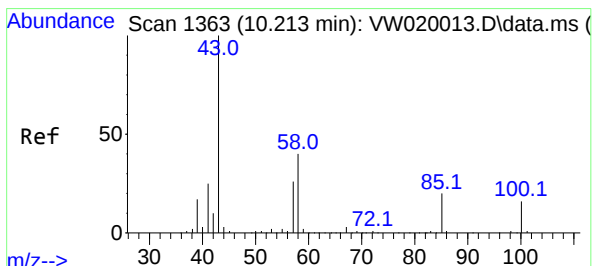
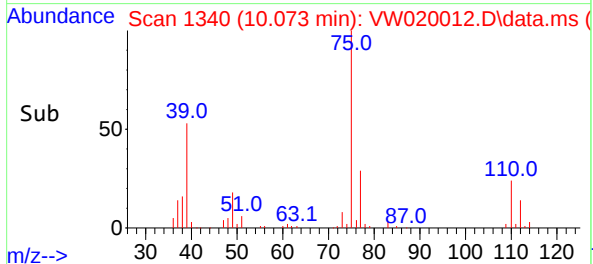
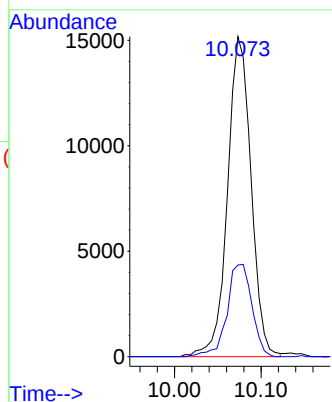
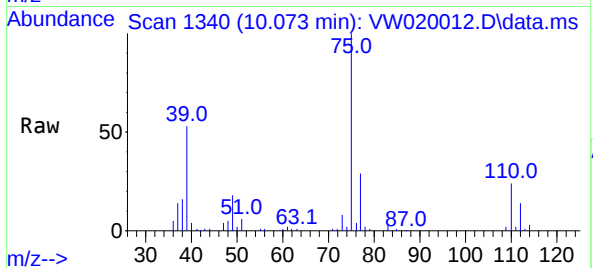




#39
cis-1,3-Dichloropropene
Concen: 4.750 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

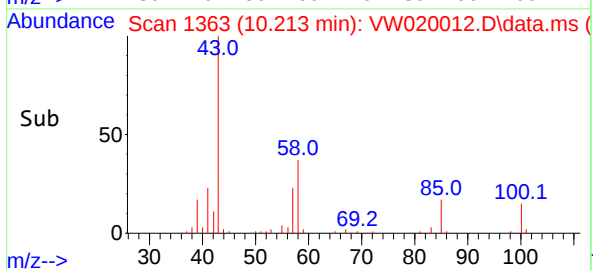
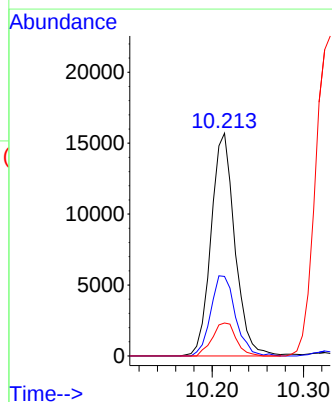
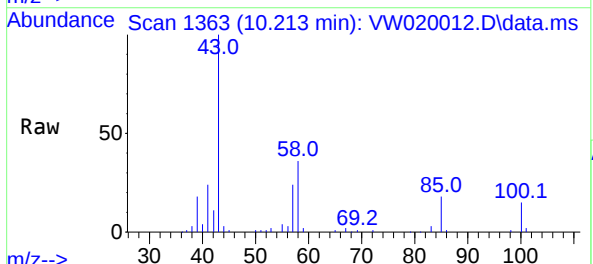
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

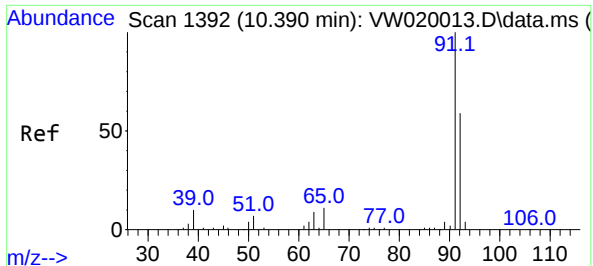
Tgt Ion: 75 Resp: 28671
Ion Ratio Lower Upper
75 100
77 28.6 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 12.167 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 43 Resp: 28432
Ion Ratio Lower Upper
43 100
58 37.1 31.0 46.4
100 14.9 13.0 19.6

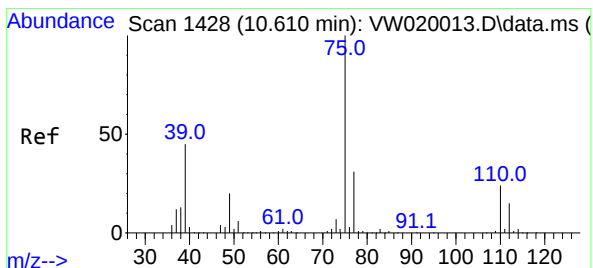
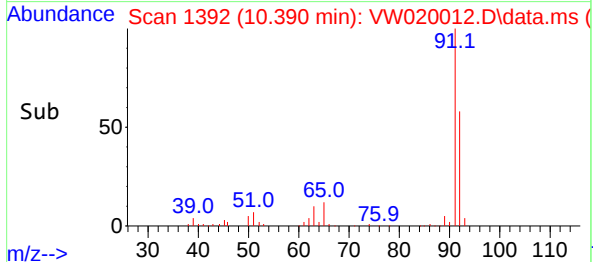
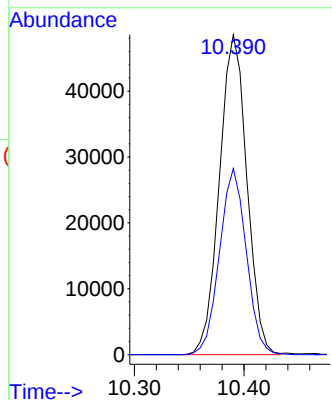
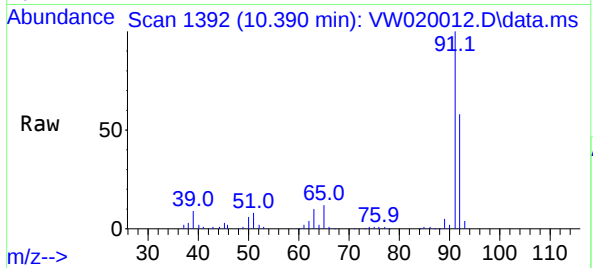




#42
Toluene
Concen: 4.798 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

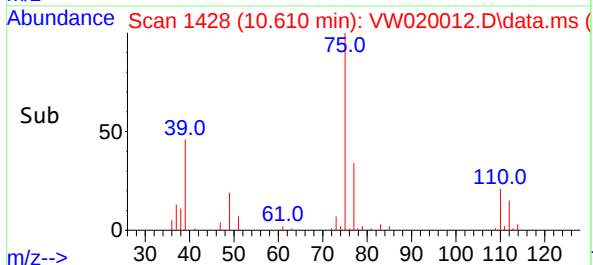
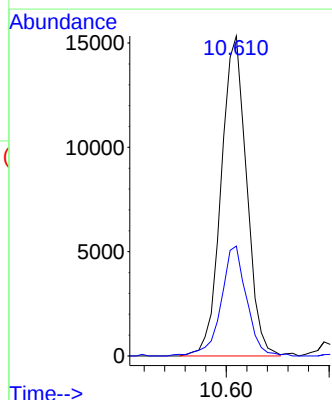
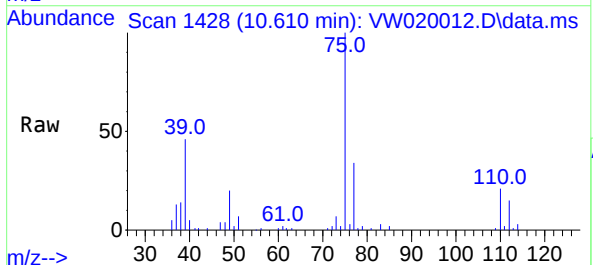
Instrument :
MSVOA_W
ClientSampled :
VSTD005445

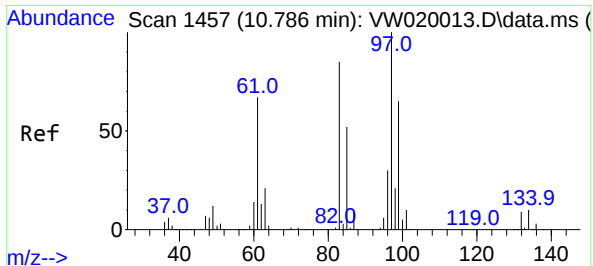
Tgt Ion: 91 Resp: 84656
Ion Ratio Lower Upper
91 100
92 58.2 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 4.862 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 75 Resp: 26319
Ion Ratio Lower Upper
75 100
77 34.4 21.1 39.1



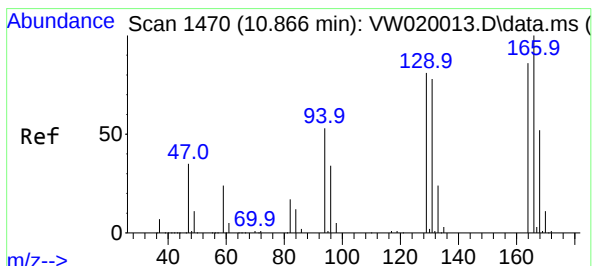
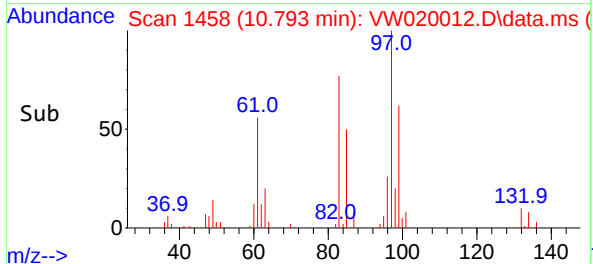
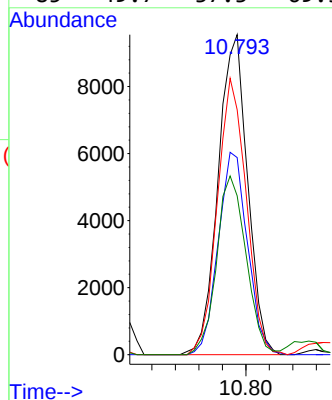
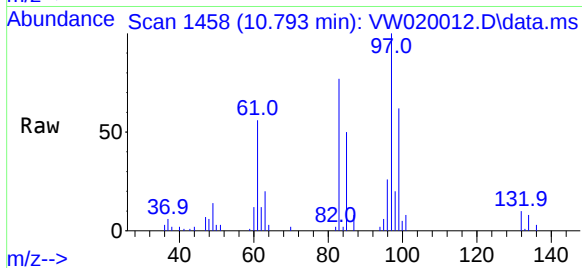


#45
1,1,2-Trichloroethane
Concen: 5.499 ug/L
RT: 10.793 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Instrument :
MSVOA_W
ClientSampled :
VSTD005445

Tgt Ion: 97 Resp: 16605

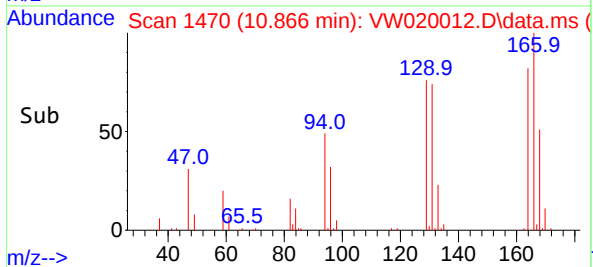
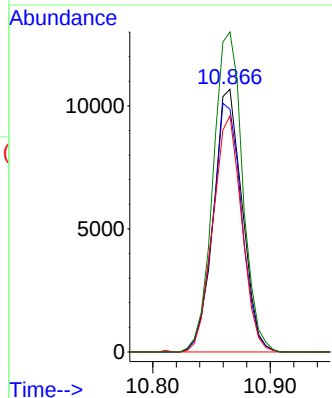
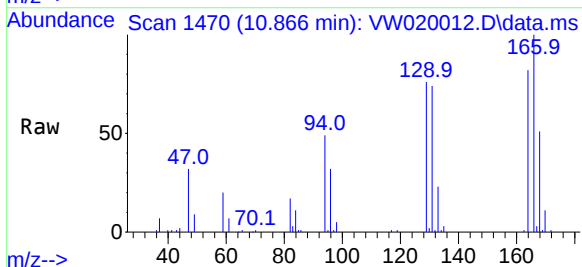
Ion	Ratio	Lower	Upper
97	100		
99	61.6	45.1	83.7
83	76.6	58.1	107.9
85	49.7	37.3	69.3

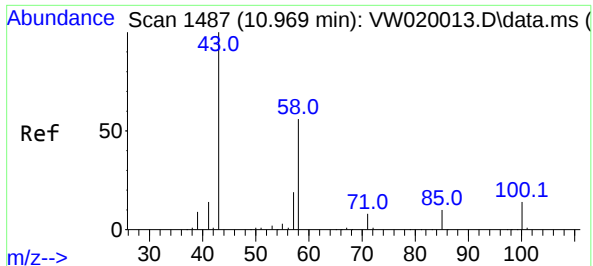


#46
Tetrachloroethene
Concen: 5.510 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 164 Resp: 18128

Ion	Ratio	Lower	Upper
164	100		
129	92.4	66.7	123.9
131	89.9	61.1	113.5
166	121.8	87.0	161.6



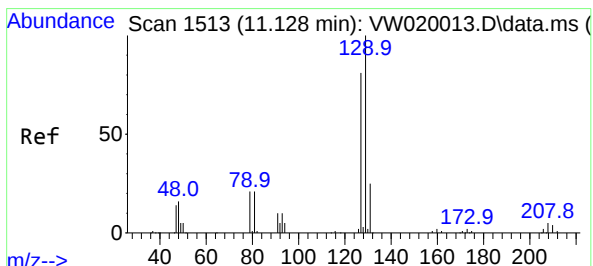
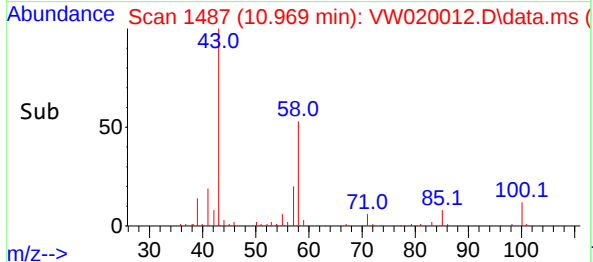
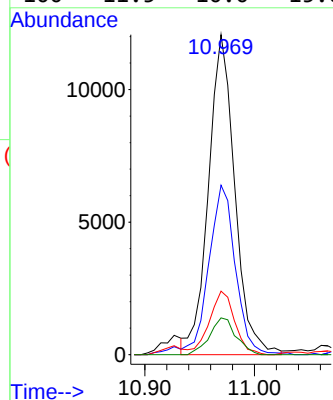
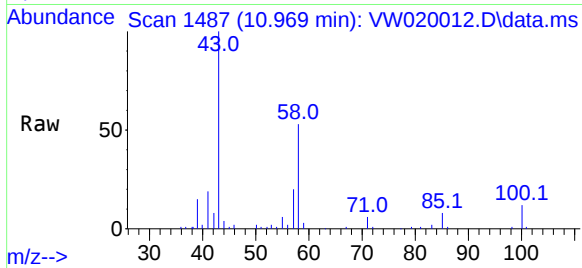


#48
2-Hexanone
Concen: 12.205 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

Tgt Ion: 43 Resp: 20174

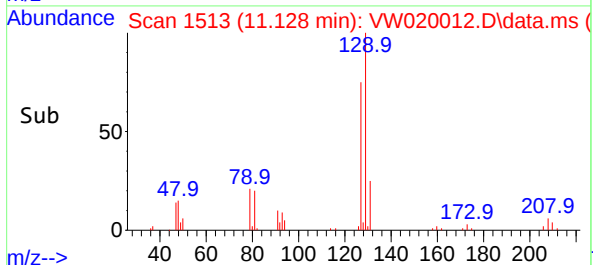
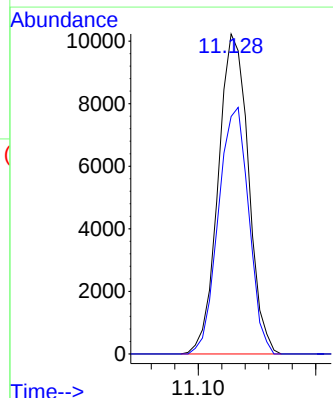
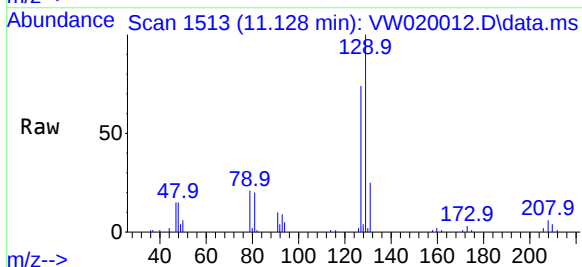
Ion	Ratio	Lower	Upper
43	100		
58	53.0	42.7	64.1
57	19.0	15.8	23.8
100	11.5	10.0	15.0

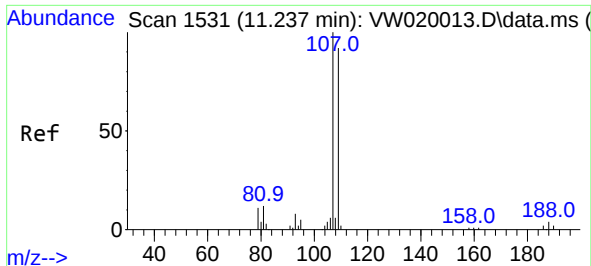


#49
Dibromochloromethane
Concen: 5.282 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 129 Resp: 18266

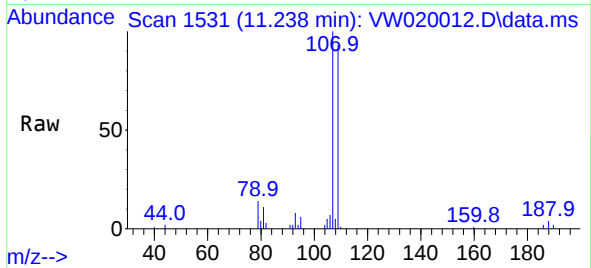
Ion	Ratio	Lower	Upper
129	100		
127	74.2	51.7	95.9





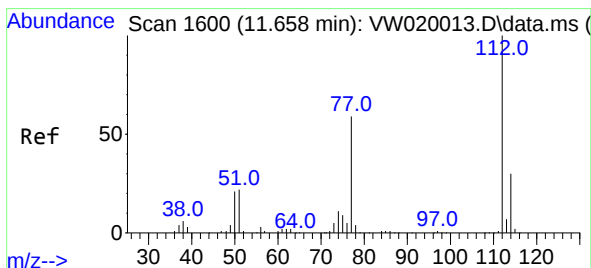
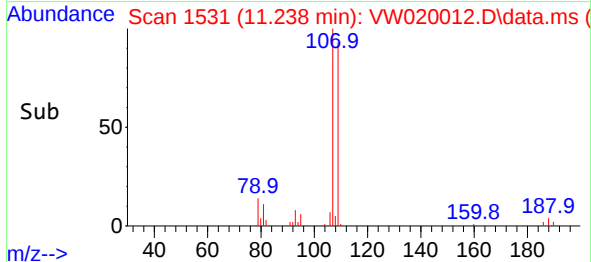
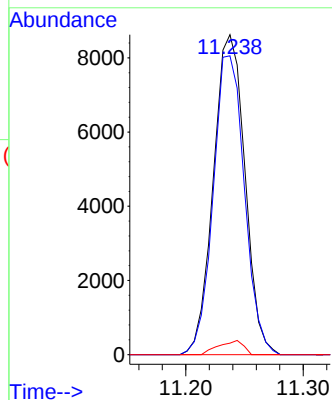
#50
1,2-Dibromoethane
Concen: 5.615 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

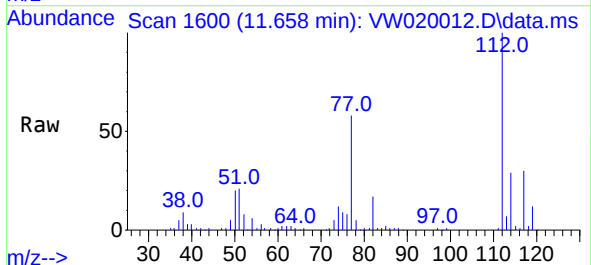


Tgt Ion:107 Resp: 16095

Ion	Ratio	Lower	Upper
107	100		
109	93.4	65.4	121.4
188	3.6	2.6	4.0

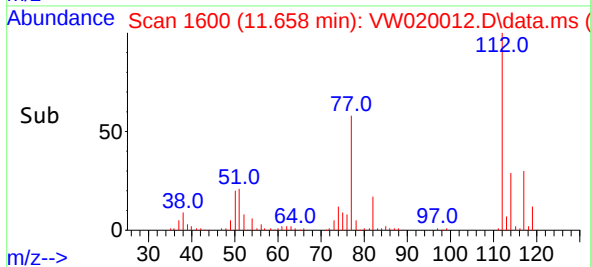
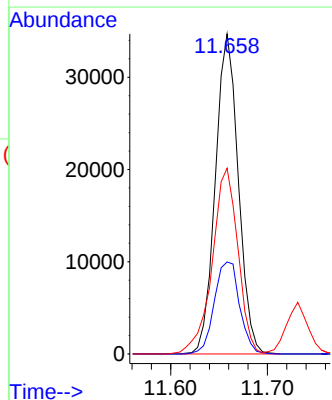


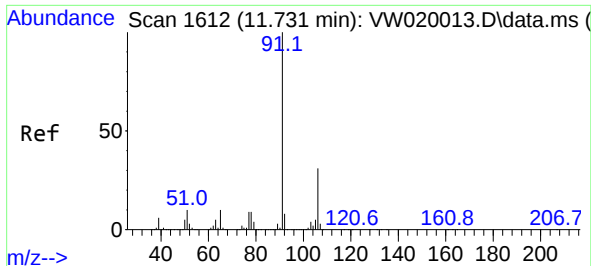
#51
Chlorobenzene
Concen: 5.097 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45



Tgt Ion:112 Resp: 57206

Ion	Ratio	Lower	Upper
112	100		
114	28.7	23.4	43.6
77	58.1	47.6	71.4

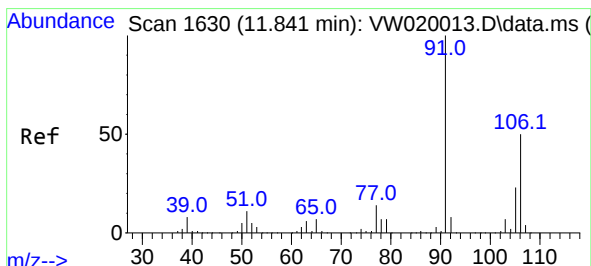
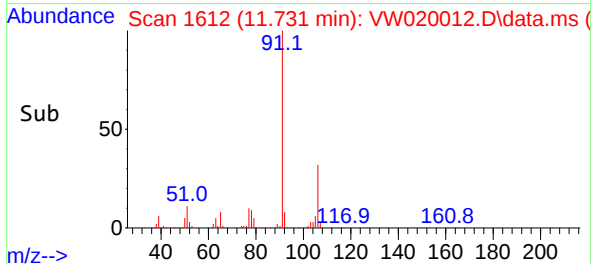
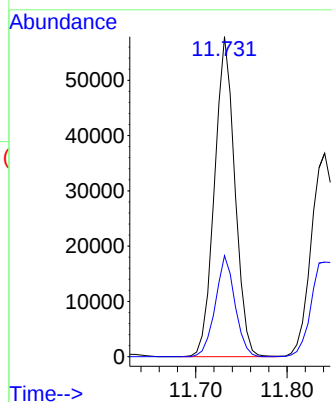
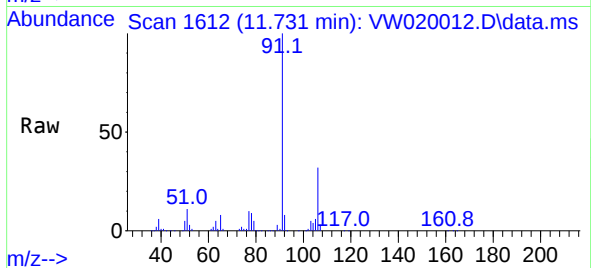




#52
Ethylbenzene
Concen: 4.696 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

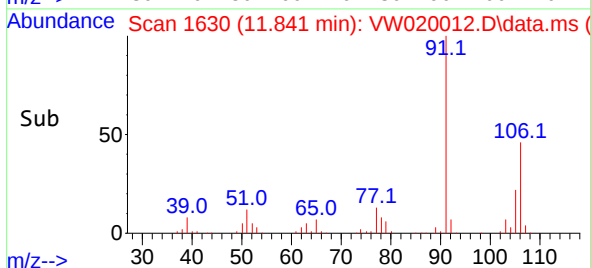
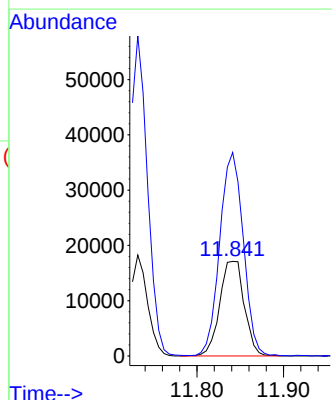
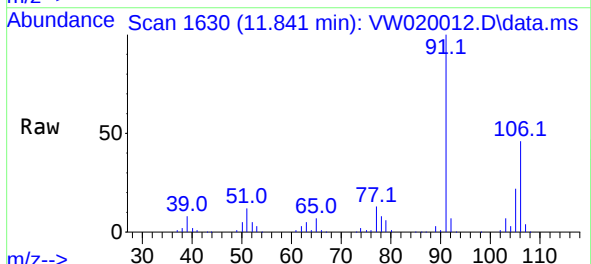
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

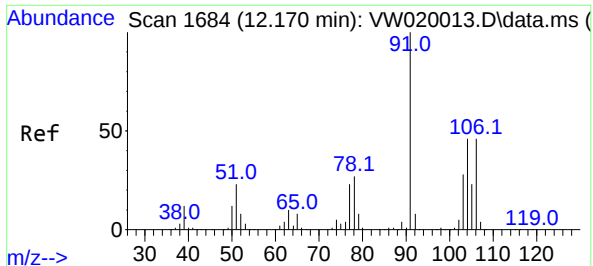
Tgt Ion: 91 Resp: 89369
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.7



#53
m,p-Xylene
Concen: 4.610 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion: 106 Resp: 33733
Ion Ratio Lower Upper
106 100
91 215.1 141.3 262.3

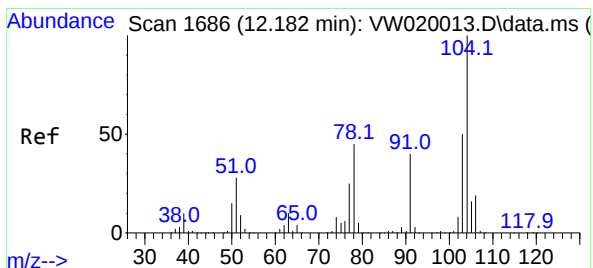
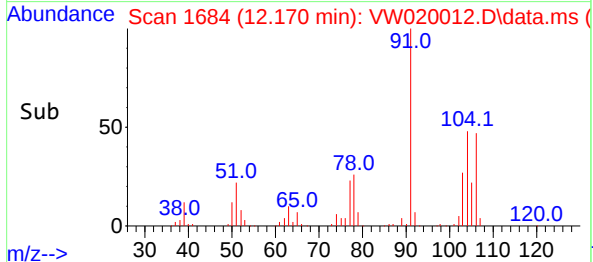
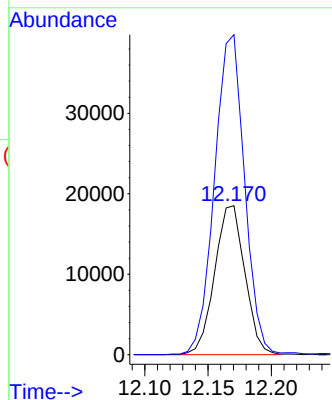
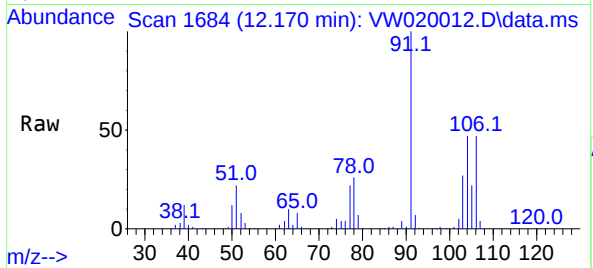




#54
o-Xylene
Concen: 4.456 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

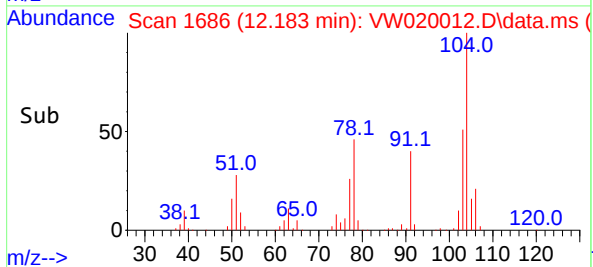
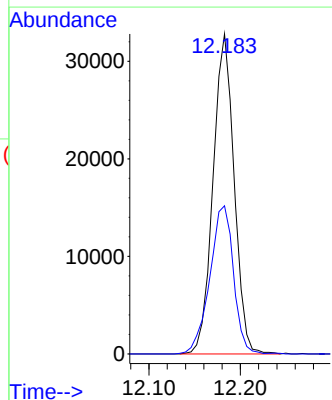
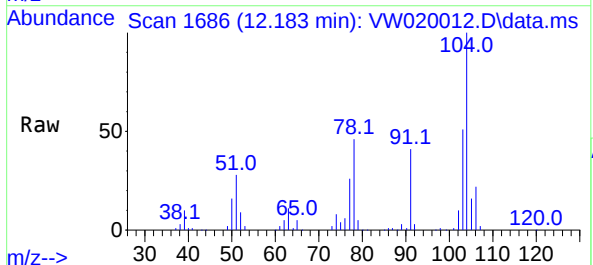
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

Tgt Ion:106 Resp: 30736
Ion Ratio Lower Upper
106 100
91 214.8 150.0 278.6

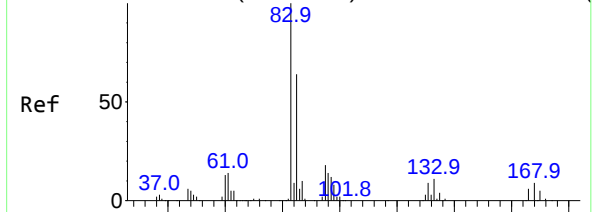


#55
Styrene
Concen: 4.445 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion:104 Resp: 52563
Ion Ratio Lower Upper
104 100
78 46.3 32.5 60.3

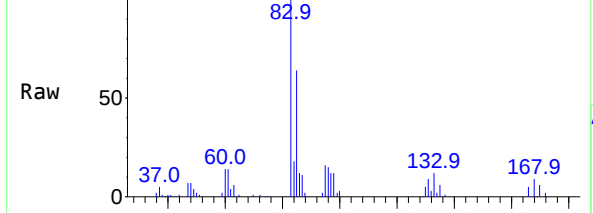


Abundance Scan 1773 (12.713 min): VW020013.D\data.ms (



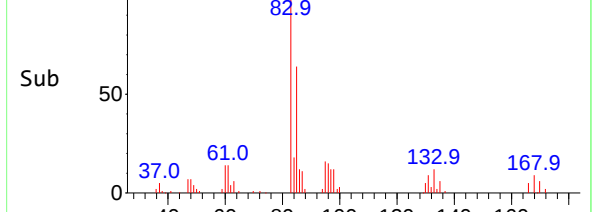
m/z-->

Abundance Scan 1773 (12.713 min): VW020012.D\data.ms



m/z-->

Abundance Scan 1773 (12.713 min): VW020012.D\data.ms (



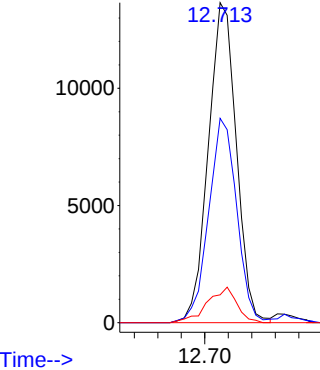
m/z-->

#57

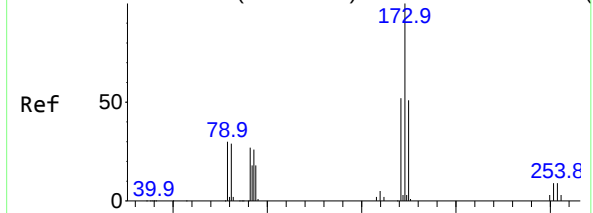
1,1,2,2-Tetrachloroethane
Concen: 5.993 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion:	83	Resp:	22668
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.4	82.4
131	8.7	8.2	12.4

Abundance

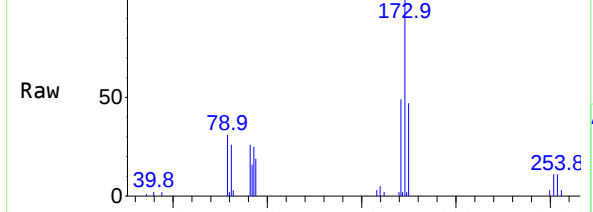


Abundance Scan 1714 (12.353 min): VW020013.D\data.ms (



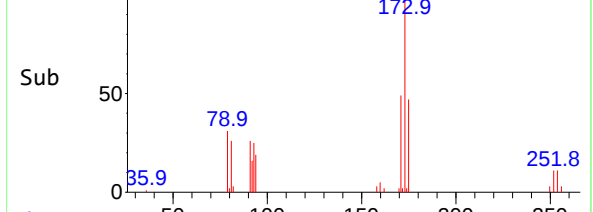
m/z-->

Abundance Scan 1714 (12.353 min): VW020012.D\data.ms



m/z-->

Abundance Scan 1714 (12.353 min): VW020012.D\data.ms (



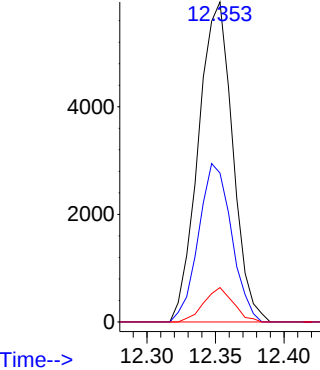
m/z-->

#59

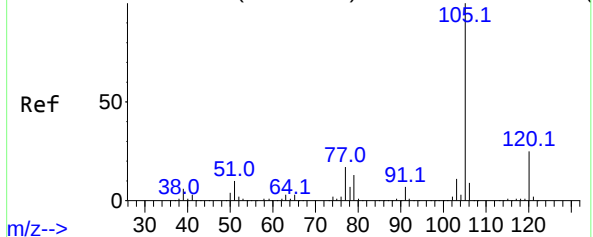
Bromoform
Concen: 5.395 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion:	173	Resp:	10364
Ion	Ratio	Lower	Upper
173	100		
175	47.7	37.5	56.3
254	9.3	7.0	10.4

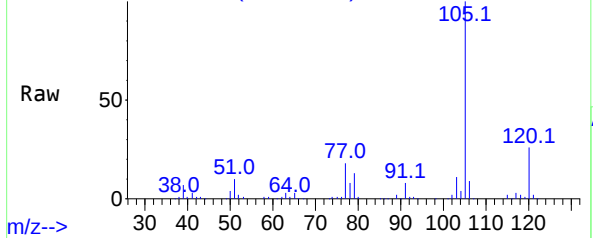
Abundance



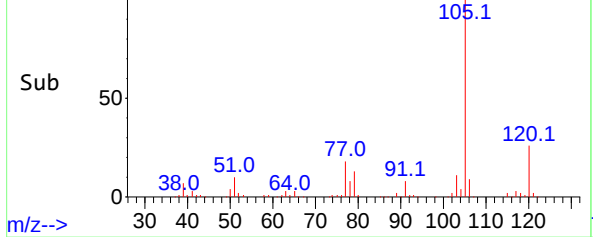
Abundance Scan 1732 (12.463 min): VW020013.D\data.ms (



m/z--> Abundance Scan 1732 (12.463 min): VW020012.D\data.ms



m/z--> Abundance Scan 1732 (12.463 min): VW020012.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 4.358 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW020012.D

Acq: 14 Sep 2021 14:45

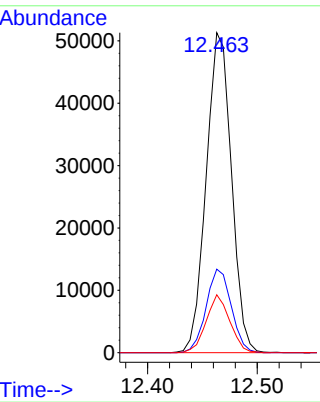
Tgt Ion:105 Resp: 82133

Ion Ratio Lower Upper

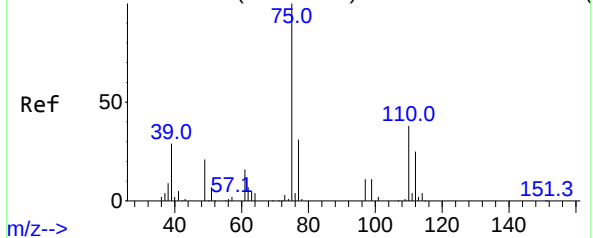
105 100

120 26.0 21.1 31.7

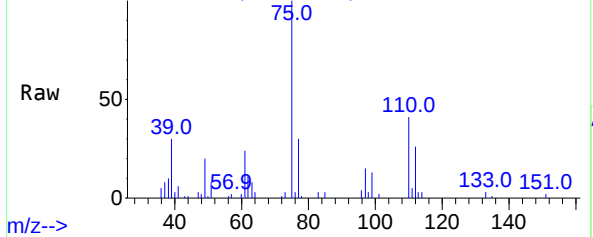
77 16.9 13.2 19.8



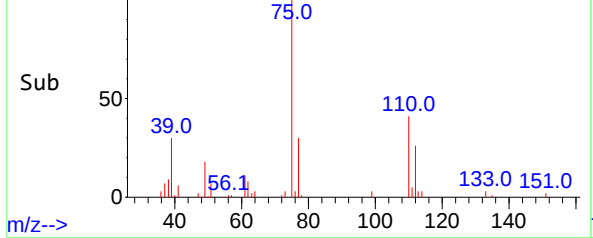
Abundance Scan 1782 (12.768 min): VW020013.D\data.ms (



m/z--> Abundance Scan 1782 (12.768 min): VW020012.D\data.ms



m/z--> Abundance Scan 1782 (12.768 min): VW020012.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 5.920 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW020012.D

Acq: 14 Sep 2021 14:45

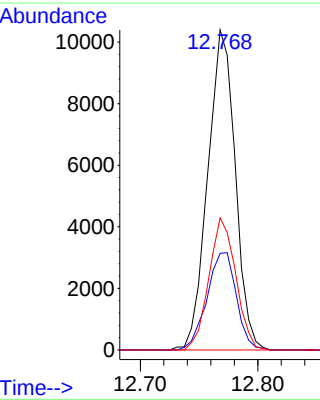
Tgt Ion: 75 Resp: 16898

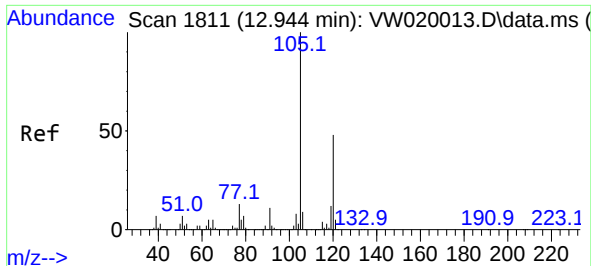
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

110 40.4 32.6 48.8

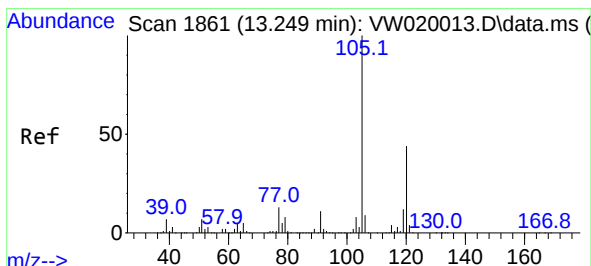
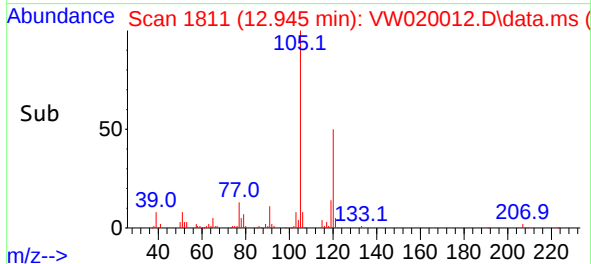
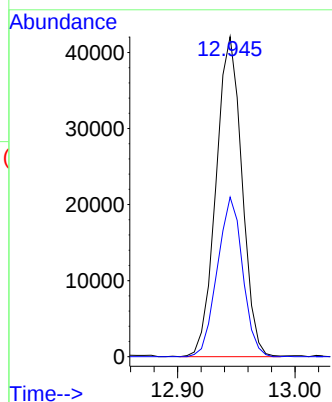
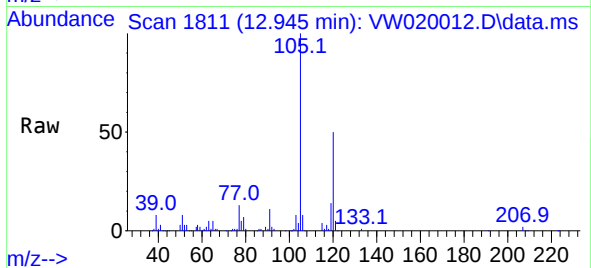




#62
1,3,5-Trimethylbenzene
Concen: 4.283 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

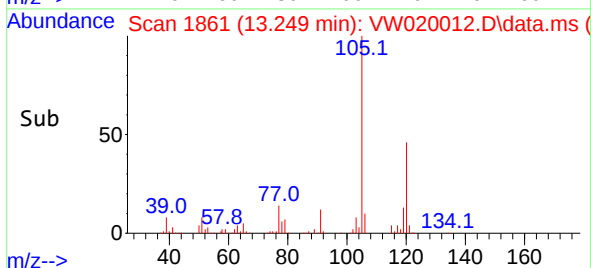
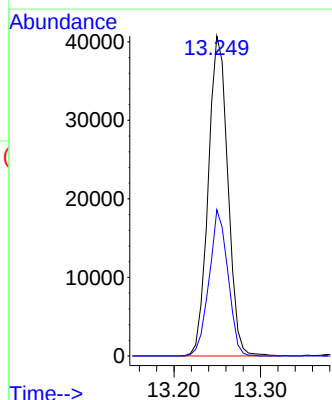
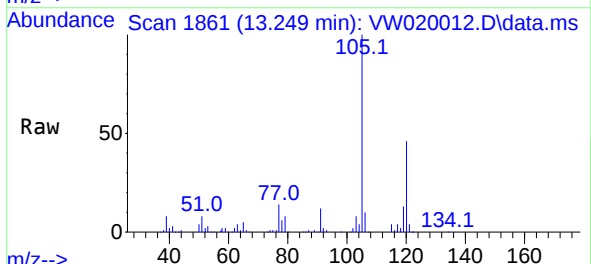
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

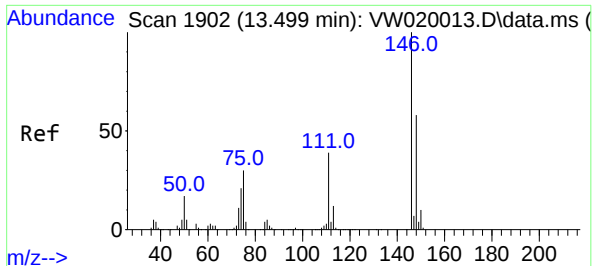
Tgt Ion:105 Resp: 64588
Ion Ratio Lower Upper
105 100
120 48.6 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 4.219 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion:105 Resp: 63956
Ion Ratio Lower Upper
105 100
120 43.9 35.6 53.4

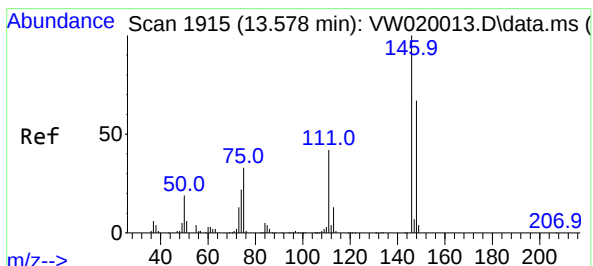
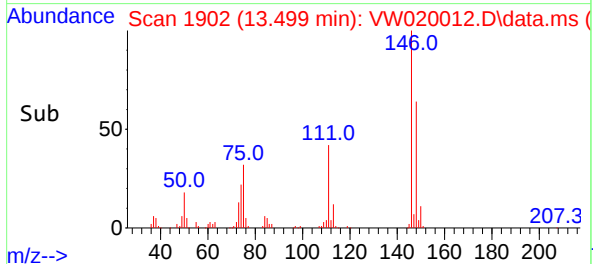
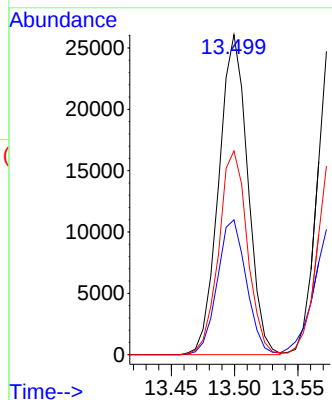
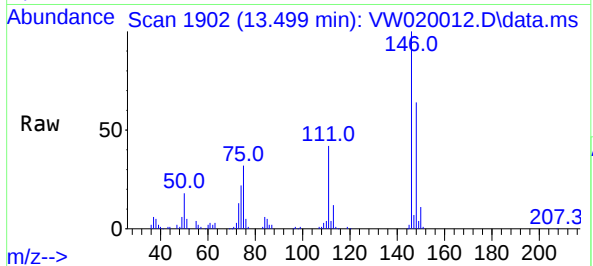




#64
1,3-Dichlorobenzene
Concen: 4.875 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

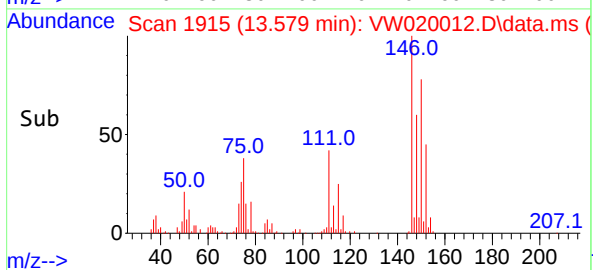
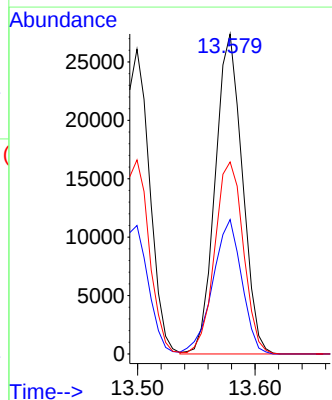
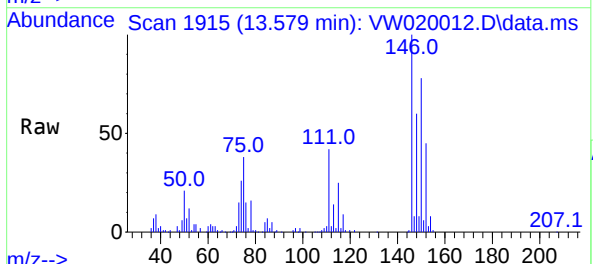
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

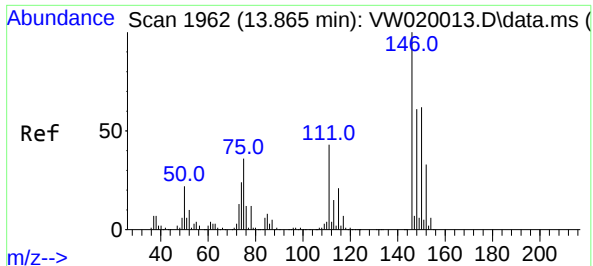
Tgt Ion:146 Resp: 41453
Ion Ratio Lower Upper
146 100
111 42.2 26.7 49.7
148 63.7 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 5.077 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion:146 Resp: 43839
Ion Ratio Lower Upper
146 100
111 42.0 28.8 53.4
148 60.0 46.8 87.0



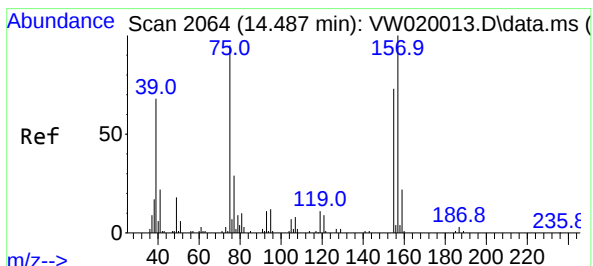
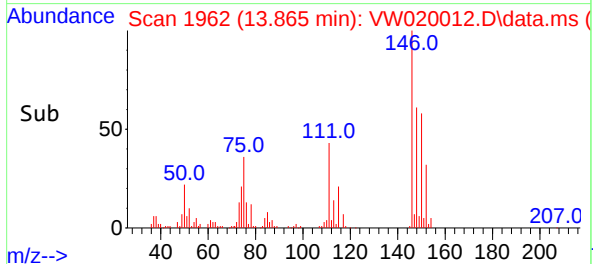
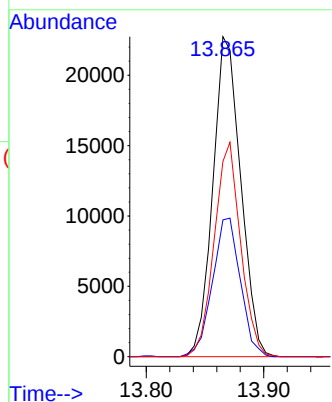
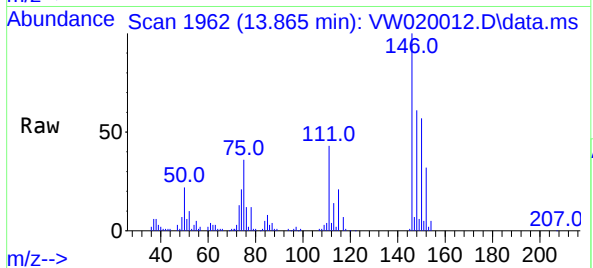


#67

1,2-Dichlorobenzene
Concen: 4.887 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

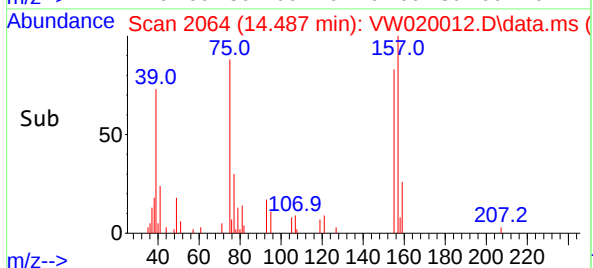
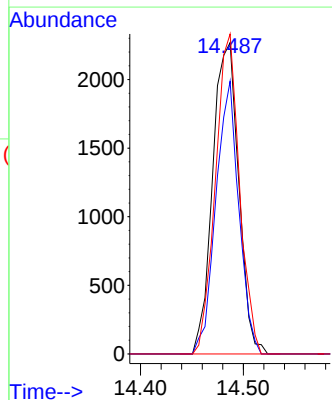
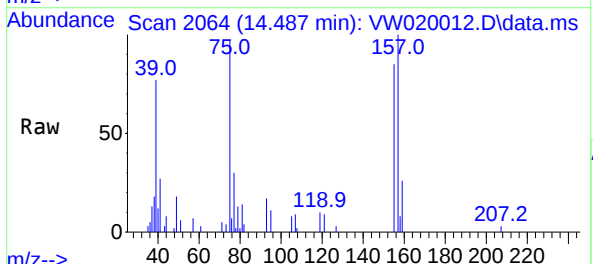
Tgt Ion:	146	Resp:	37484
Ion	Ratio	Lower	Upper
146	100		
111	42.7	33.2	49.8
148	61.0	50.4	75.6

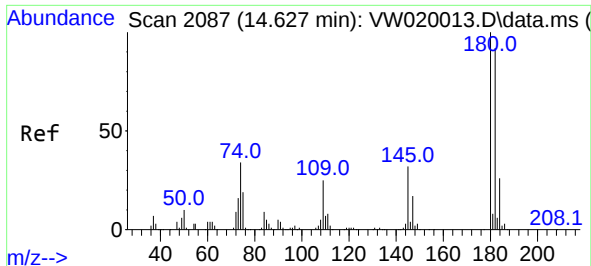


#68

1,2-Dibromo-3-chloropropane
Concen: 6.198 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

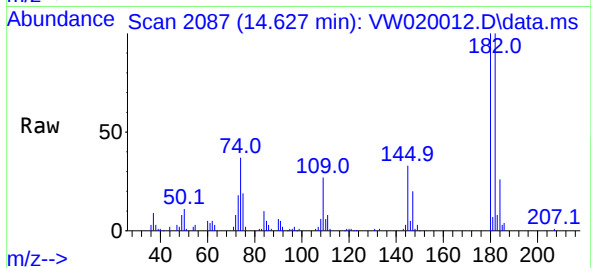
Tgt Ion:	75	Resp:	3979
Ion	Ratio	Lower	Upper
75	100		
155	87.6	59.4	89.0
157	102.8	72.2	108.2



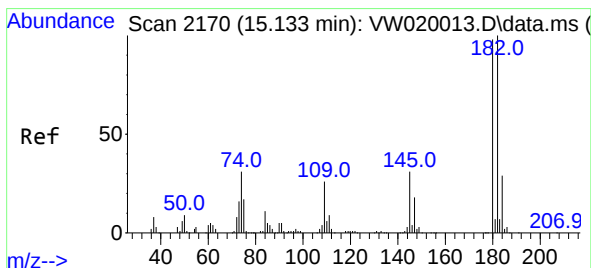
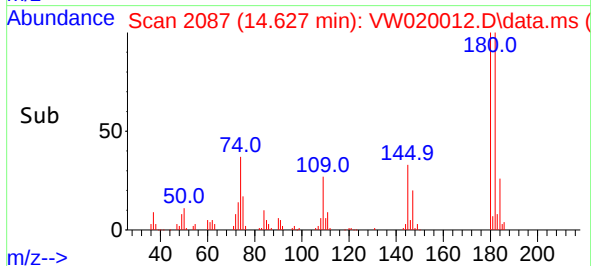
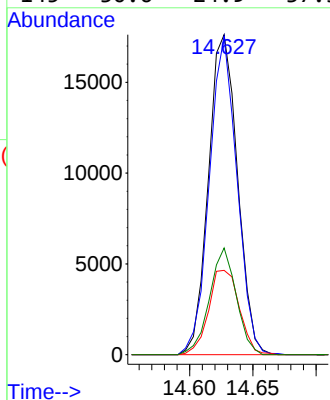


#69
1,3,5-Trichlorobenzene
Concen: 4.841 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

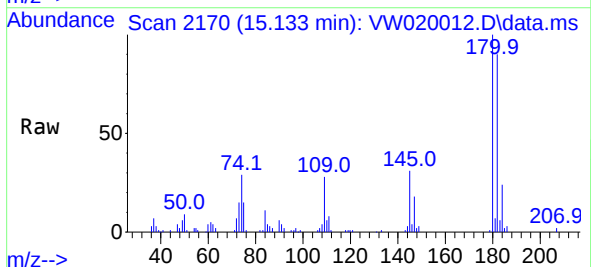
Instrument :
MSVOA_W
ClientSampleId :
VSTD005445



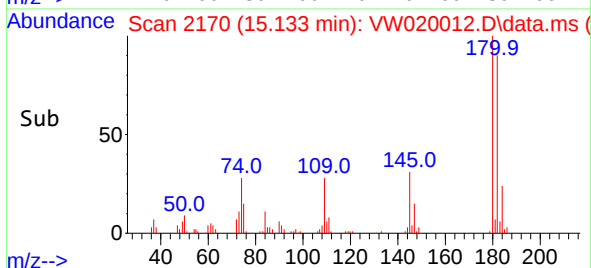
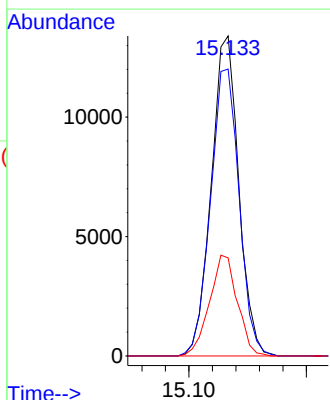
Tgt Ion:	180	Resp:	28129
Ion Ratio	Lower	Upper	
180	100		
182	94.5	73.4	110.2
184	27.9	23.6	35.4
145	30.6	24.9	37.3

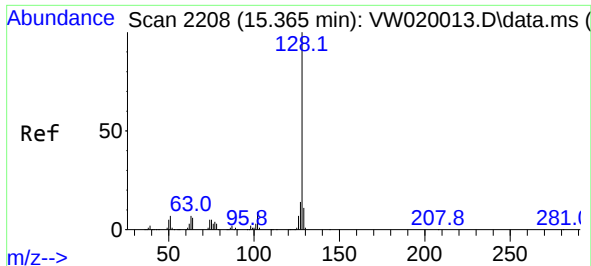


#70
1,2,4-trichlorobenzene
Concen: 4.832 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45



Tgt Ion:	180	Resp:	21768
Ion Ratio	Lower	Upper	
180	100		
182	93.3	74.7	112.1
145	31.9	25.0	37.4

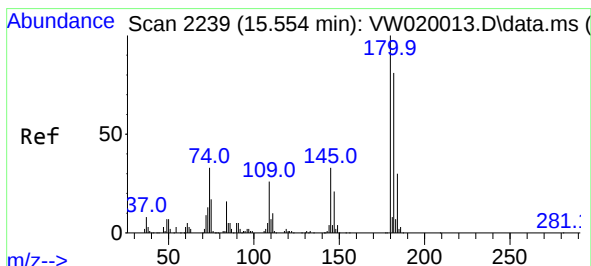
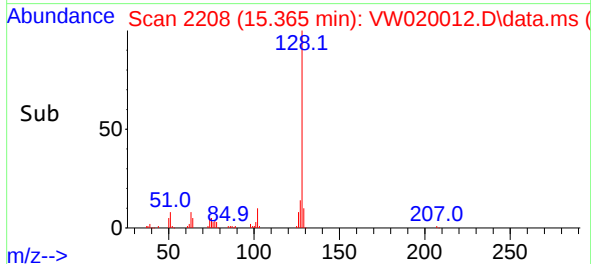
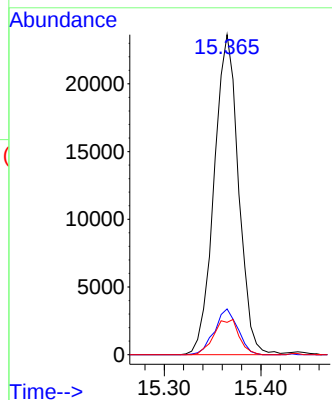
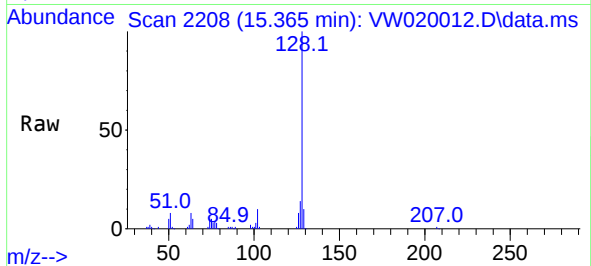




#71
Naphthalene
Concen: 4.529 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD005445

Tgt Ion:128 Resp: 41460
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.3 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 4.889 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020012.D
Acq: 14 Sep 2021 14:45

Tgt Ion:180 Resp: 20417
Ion Ratio Lower Upper
180 100
182 94.5 76.7 115.1
145 34.8 28.9 43.3

