

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111121\
 Data File : VW020844.D
 Acq On : 11 Nov 2021 07:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 06:08:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 10 04:11:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103486	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	93246	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	52913	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20808	21.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.560%
7) Chloroethane-d5	2.879	69	13389	24.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.680%
11) 1,1-Dichloroethene-d2	4.019	63	43458	21.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.120%
21) 2-Butanone-d5	7.074	46	19357	59.904	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.800%
24) Chloroform-d	7.647	84	50218	21.839	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	8.305	65	27197	22.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.880%
32) Benzene-d6	8.275	84	90036	21.371	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.480%
36) 1,2-Dichloropropane-d6	9.268	67	27335	20.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.840%
41) Toluene-d8	10.323	98	85707	20.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.640%
43) trans-1,3-Dichloroprop...	10.579	79	13710	21.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.920	63	15329	58.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	232.320%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29112	26.931	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	37902	22.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9039	21.421	ug/L	97
3) Chloromethane	2.215	50	25281	22.896	ug/L	100
5) Vinyl chloride	2.355	62	40511	25.437	ug/L	96
6) Bromomethane	2.776	94	20449	24.810	ug/L	90
8) Chloroethane	2.916	64	15750	26.895	ug/L	99
9) Trichlorofluoromethane	3.251	101	24918	29.499	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32924	23.700	ug/L	91
12) 1,1-Dichloroethene	4.038	96	31715	23.954	ug/L	70
13) Acetone	4.117	43	15979	53.135	ug/L	92
14) Carbon disulfide	4.385	76	88630	22.178	ug/L	100
15) Methyl Acetate	4.672	43	15092	28.317	ug/L	92
16) Methylene chloride	4.909	84	29317	19.131	ug/L	87
17) trans-1,2-Dichloroethene	5.421	96	32706	23.239	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	43767	21.977	ug/L	94
19) 1,1-Dichloroethane	6.214	63	52132	21.388	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	34111	22.992	ug/L	79
22) 2-Butanone	7.165	43	21424	53.613	ug/L	87
23) Bromochloromethane	7.513	128	16431	24.001	ug/L	# 64
25) Chloroform	7.671	83	55436	21.846	ug/L	94

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 Response via : Initial Calibration

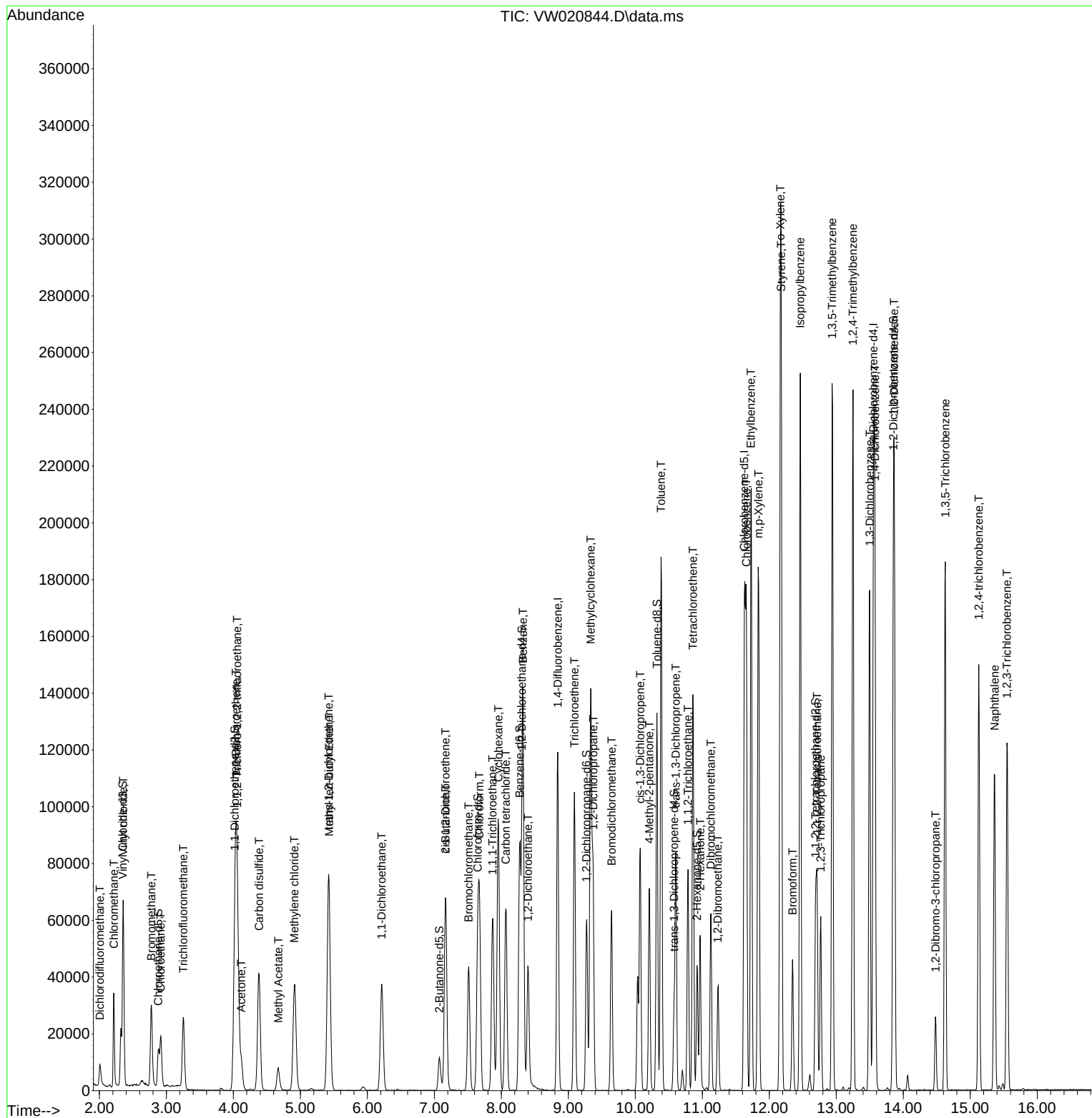
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	37362	22.744	ug/L #	94
29) Cyclohexane	7.958	56	52267	21.484	ug/L	87
30) 1,1,1-Trichloroethane	7.866	97	50163	22.638	ug/L	94
31) Carbon tetrachloride	8.067	117	49968	23.696	ug/L	99
33) Benzene	8.323	78	124191	22.239	ug/L	100
34) Trichloroethene	9.092	95	34529	23.229	ug/L	93
35) Methylcyclohexane	9.335	83	58875	22.696	ug/L	87
37) 1,2-Dichloropropane	9.372	63	27665	20.924	ug/L #	97
38) Bromodichloromethane	9.646	83	41138	22.227	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	47229	21.949	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	45358	52.490	ug/L #	92
42) Toluene	10.384	91	136144	22.671	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	43285	22.239	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	23819	24.275	ug/L	93
46) Tetrachloroethene	10.859	164	30288	22.717	ug/L	90
48) 2-Hexanone	10.969	43	34891	55.296	ug/L #	96
49) Dibromochloromethane	11.128	129	31927	23.826	ug/L	99
50) 1,2-Dibromoethane	11.231	107	24645	24.771	ug/L	100
51) Chlorobenzene	11.658	112	89996	23.234	ug/L	90
52) Ethylbenzene	11.725	91	150871	22.423	ug/L	96
53) m,p-Xylene	11.841	106	62032	23.011	ug/L	84
54) o-Xylene	12.164	106	57714	22.601	ug/L	90
55) Styrene	12.176	104	99492	22.918	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	30461	26.487	ug/L	96
59) Bromoform	12.347	173	20845	23.291	ug/L	98
60) Isopropylbenzene	12.463	105	162359	22.262	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23179	26.507	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	134211	21.416	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	133231	21.401	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	76790	22.710	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	75333	22.365	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	67751	22.682	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	6064	28.369	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	58886	21.940	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	49511	22.128	ug/L	97
71) Naphthalene	15.365	128	99587	26.332	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	43079	22.657	ug/L	97

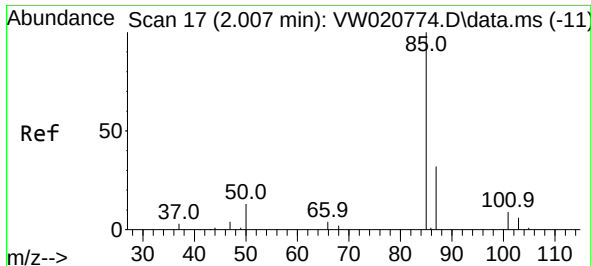
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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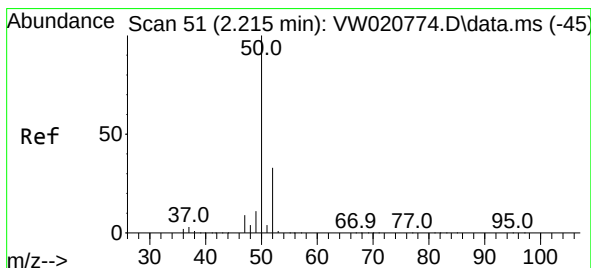
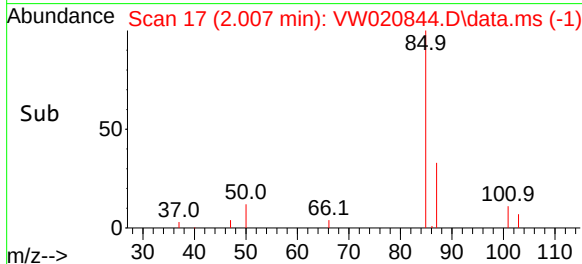
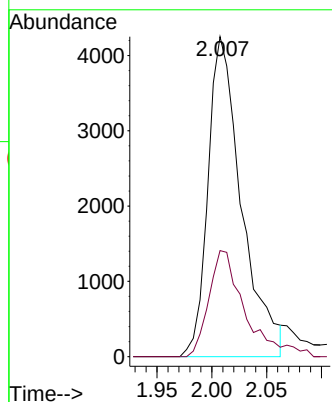
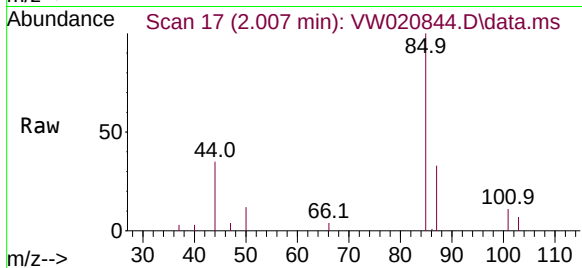




#2
 Dichlorodifluoromethane
 Concen: 21.421 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

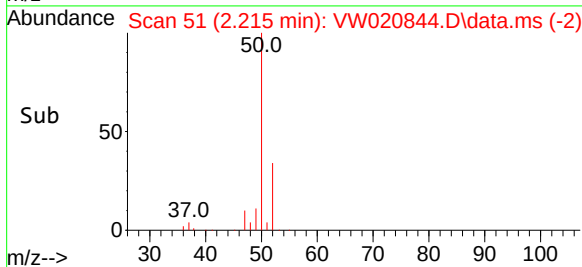
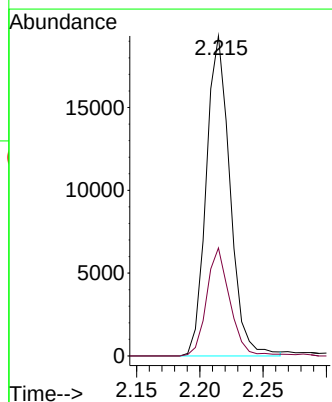
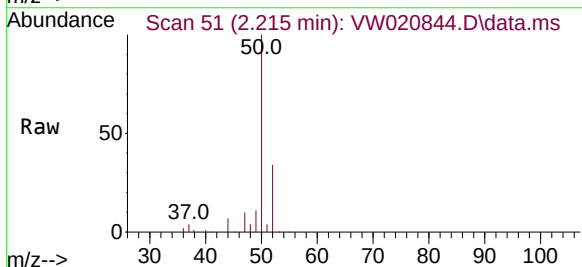
Instrument :
 MSVOA_W
 ClientSampleId :

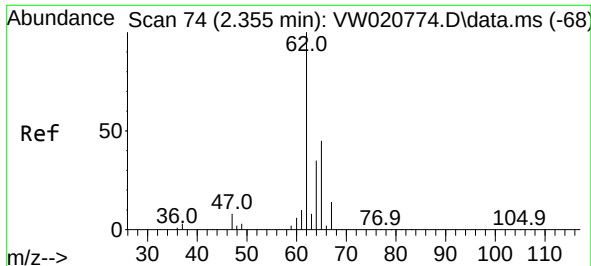
Tgt Ion: 85 Resp: 9039
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.8 38.6



#3
 Chloromethane
 Concen: 22.896 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

Tgt Ion: 50 Resp: 25281
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.4 43.6

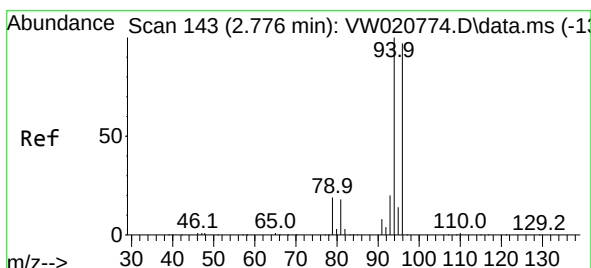
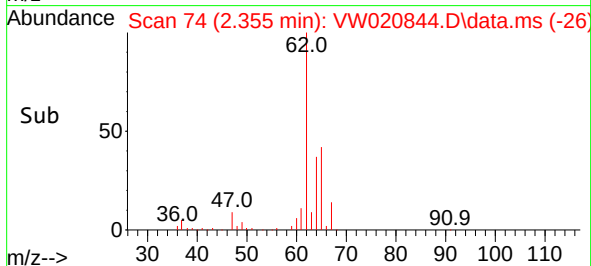
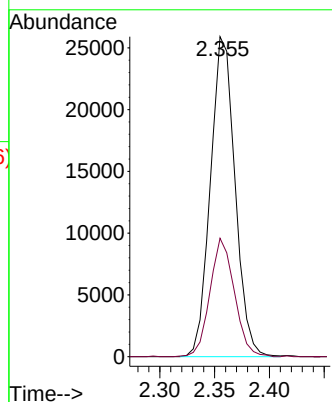
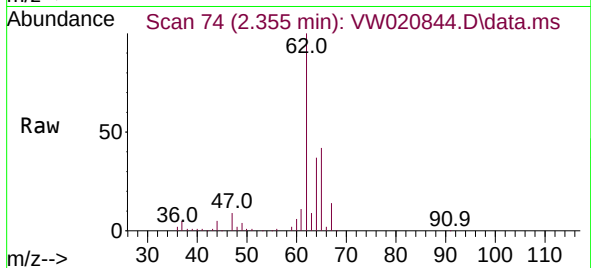




#5
 Vinyl chloride
 Concen: 25.437 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

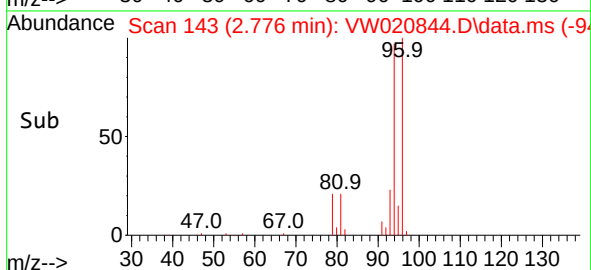
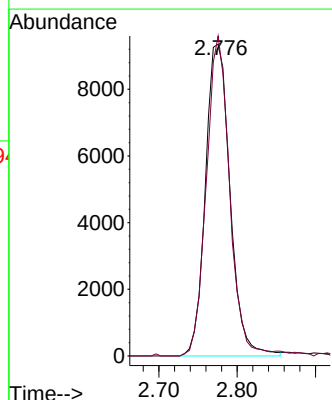
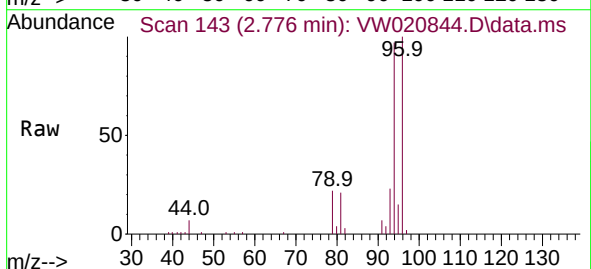
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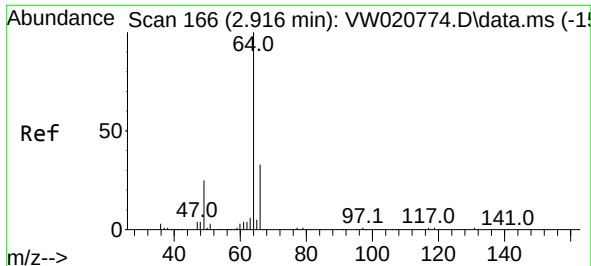
Tgt Ion: 62 Resp: 40511
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.4 45.2



#6
 Bromomethane
 Concen: 24.810 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

Tgt Ion: 94 Resp: 20449
 Ion Ratio Lower Upper
 94 100
 96 102.6 64.8 120.4

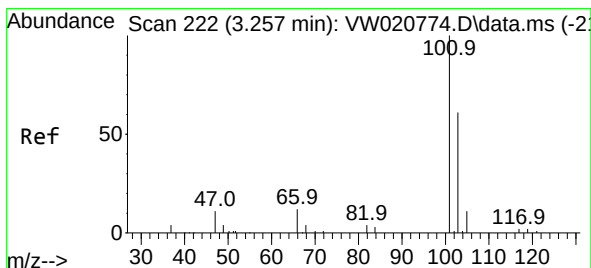
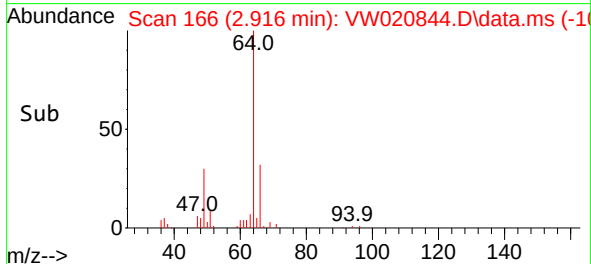
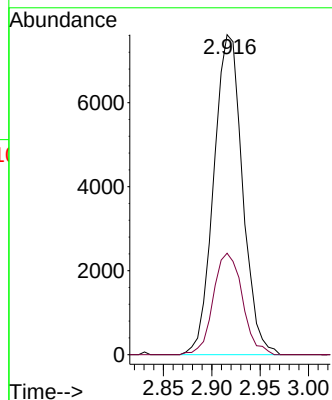
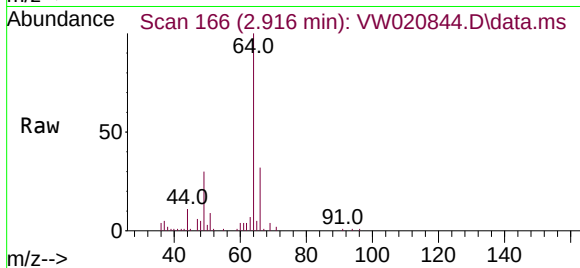




#8
Chloroethane
Concen: 26.895 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

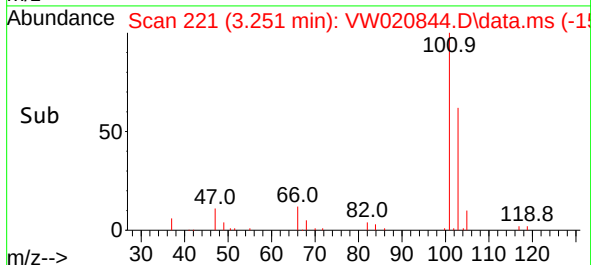
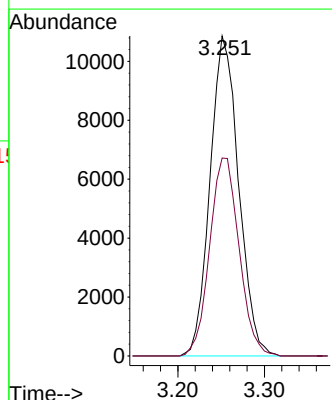
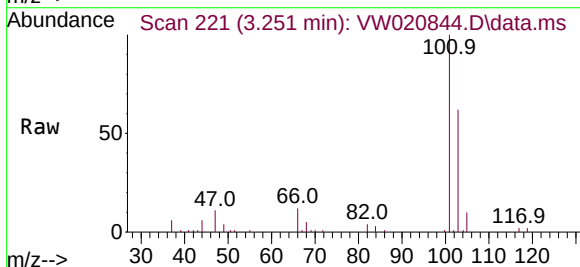
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MSVOA_W
ClientSampleId :

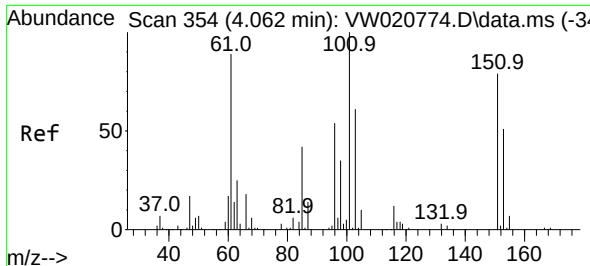
Tgt Ion: 64 Resp: 15750
Ion Ratio Lower Upper
64 100
66 31.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 29.499 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion:101 Resp: 24918
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

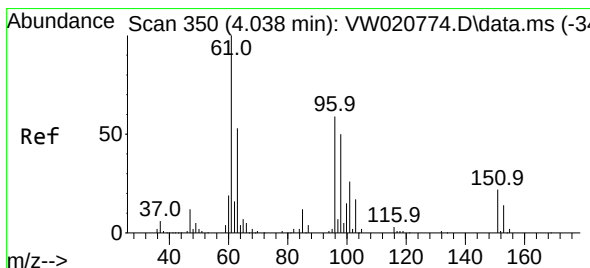
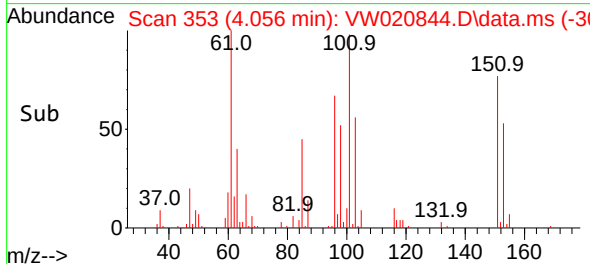
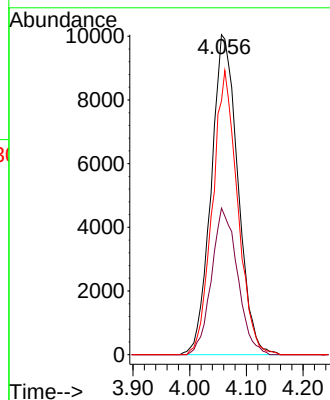
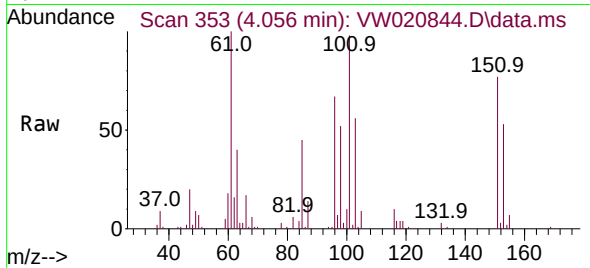




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.700 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

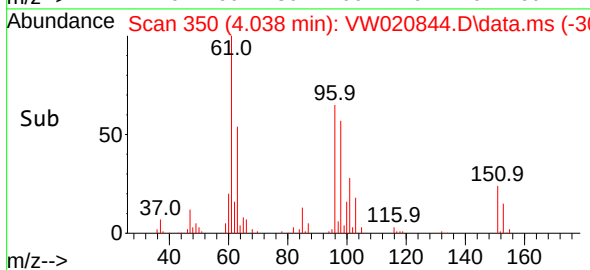
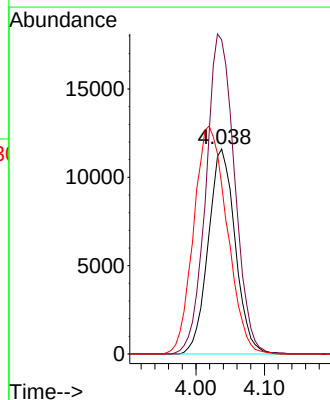
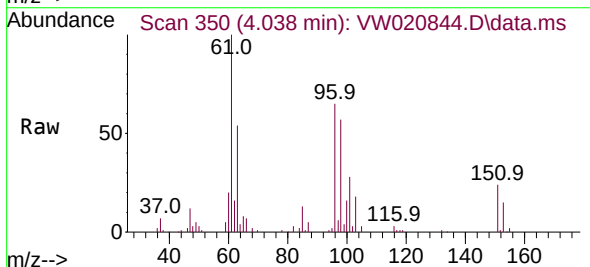
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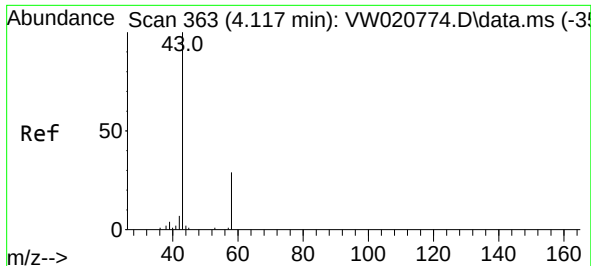
Tgt Ion:101 Resp: 32924
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.6 54.8
 151 83.4 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.954 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

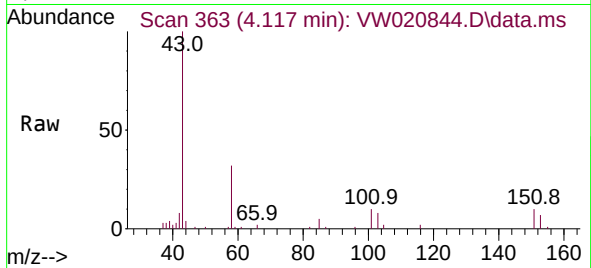
Tgt Ion: 96 Resp: 31715
 Ion Ratio Lower Upper
 96 100
 61 153.2 138.3 256.9
 63 82.7 82.6 153.4



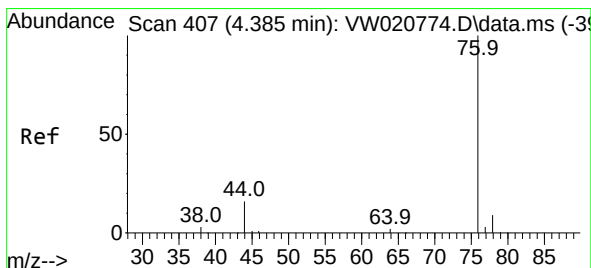
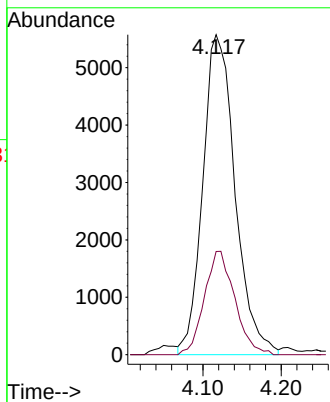
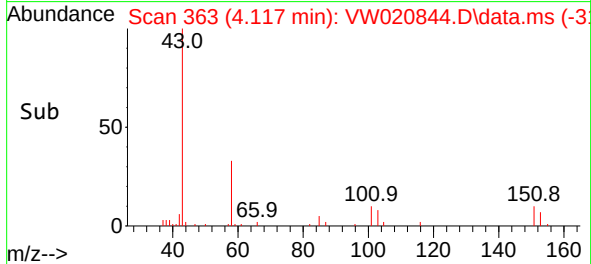


#13
Acetone
Concen: 53.135 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

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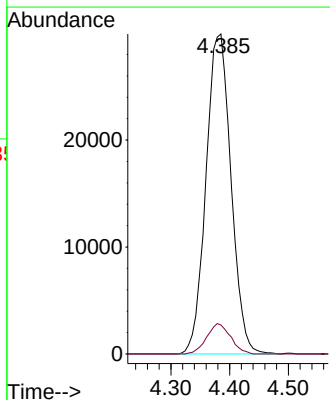
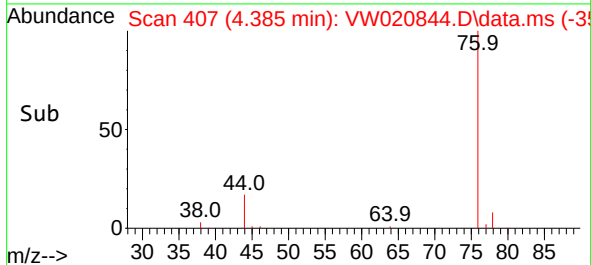
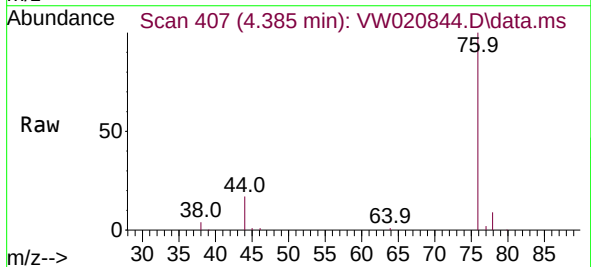


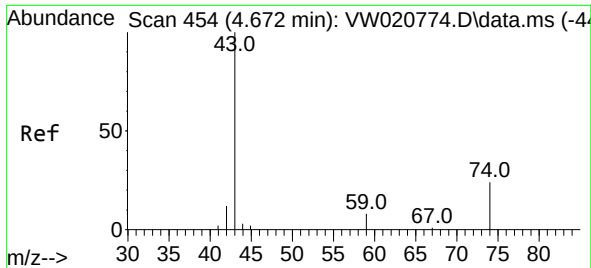
Tgt Ion: 43 Resp: 15979
Ion Ratio Lower Upper
43 100
58 30.4 0.0 52.8



#14
Carbon disulfide
Concen: 22.178 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 88630
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

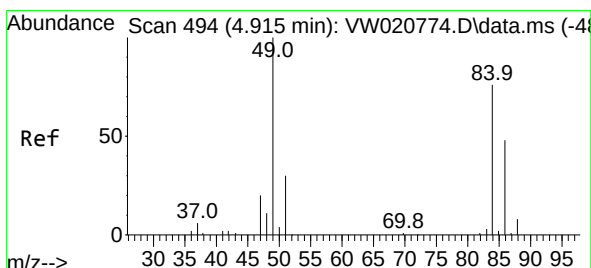
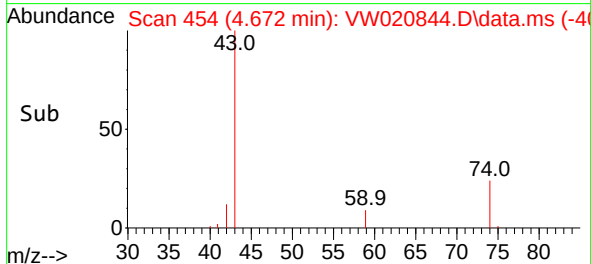
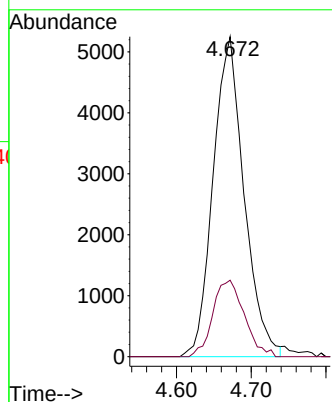
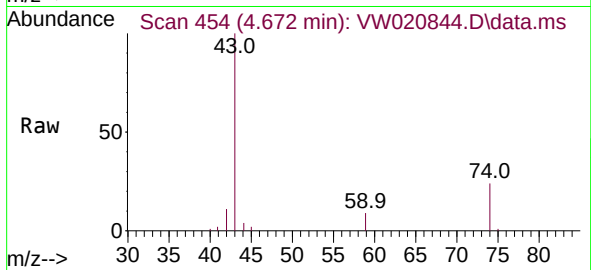




#15
Methyl Acetate
Concen: 28.317 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

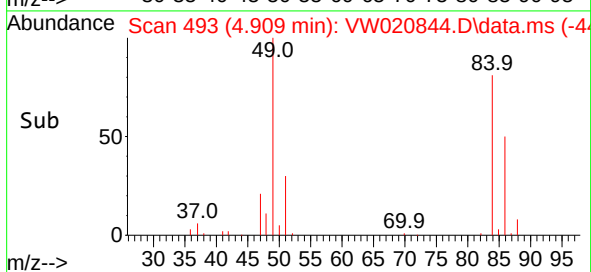
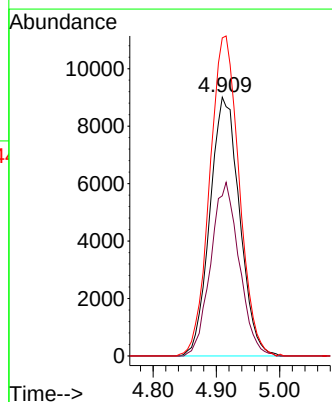
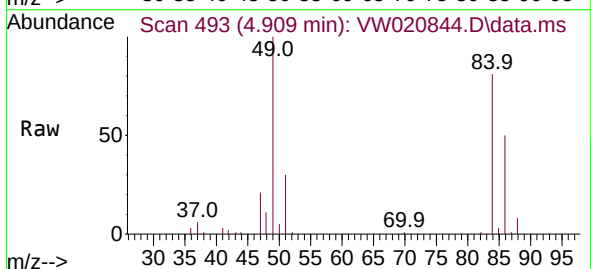
Instrument :
MSVOA_W
ClientSampleId :

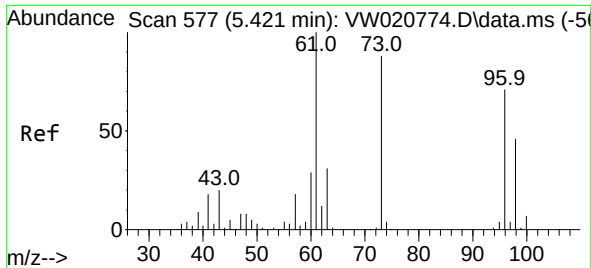
Tgt Ion: 43 Resp: 15092
Ion Ratio Lower Upper
43 100
74 24.3 16.4 24.6



#16
Methylene chloride
Concen: 19.131 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion: 84 Resp: 29317
Ion Ratio Lower Upper
84 100
86 61.9 45.5 84.5
49 123.0 100.5 186.7



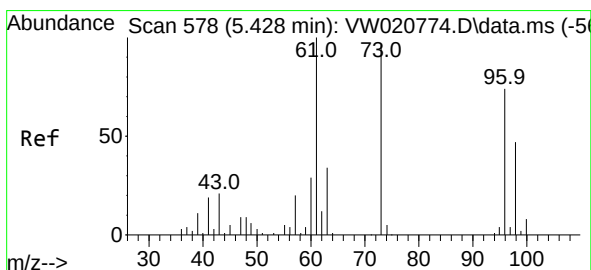
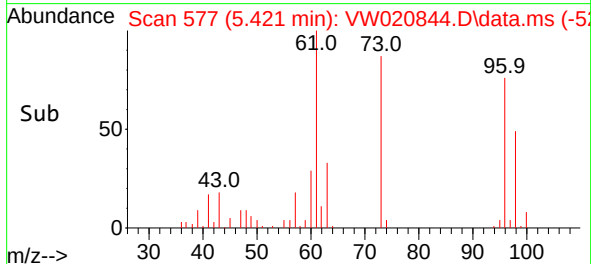
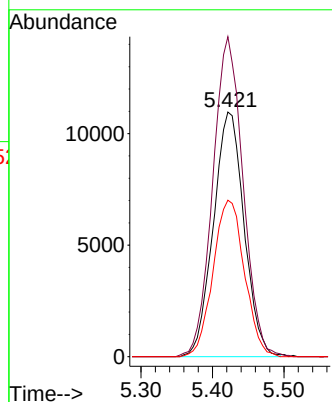
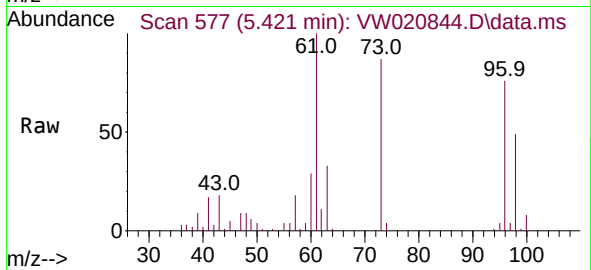


#17
 trans-1,2-Dichloroethene
 Concen: 23.239 ug/L
 RT: 5.421 min Scan# 577
 Delta R.T. 0.000 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 32706

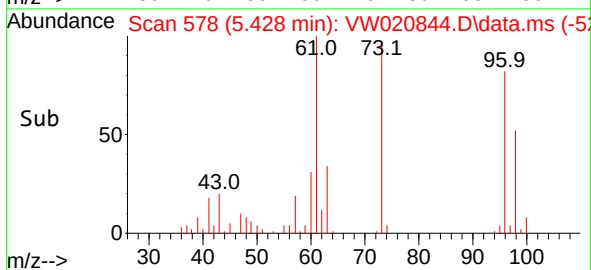
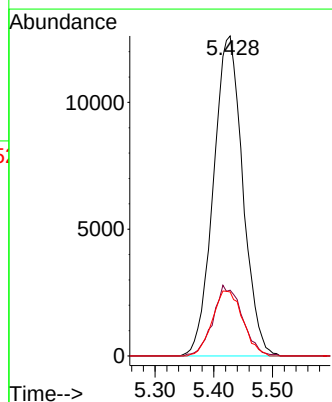
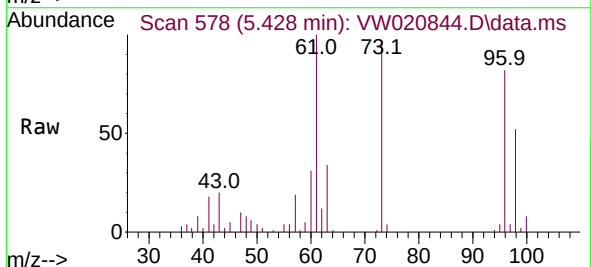
Ion	Ratio	Lower	Upper
96	100		
61	130.8	107.4	199.4
98	64.0	41.2	76.6

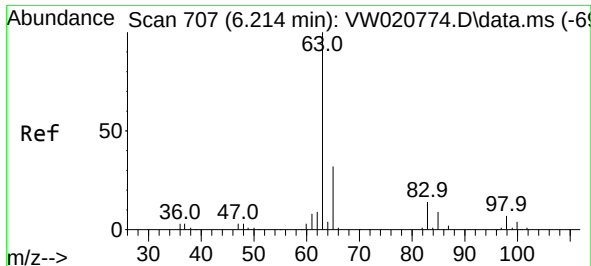


#18
 Methyl tert-butyl Ether
 Concen: 21.977 ug/L
 RT: 5.428 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

Tgt Ion: 73 Resp: 43767

Ion	Ratio	Lower	Upper
73	100		
43	21.9	19.5	29.3
57	21.0	19.3	28.9





#19

1,1-Dichloroethane

Concen: 21.388 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW020844.D

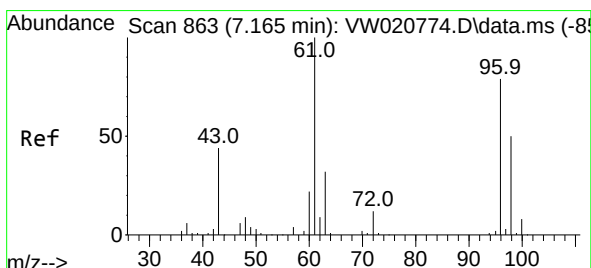
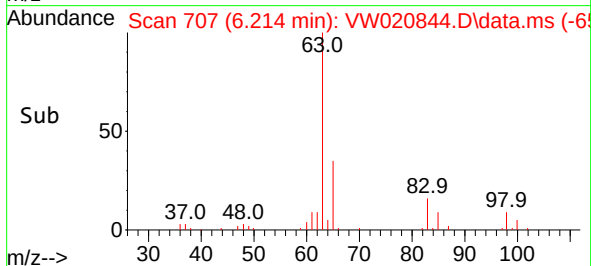
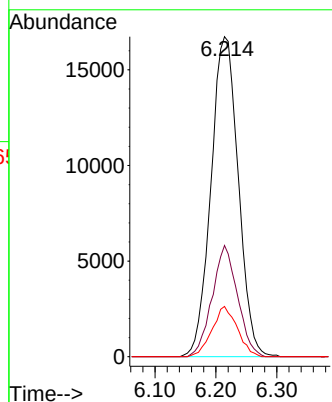
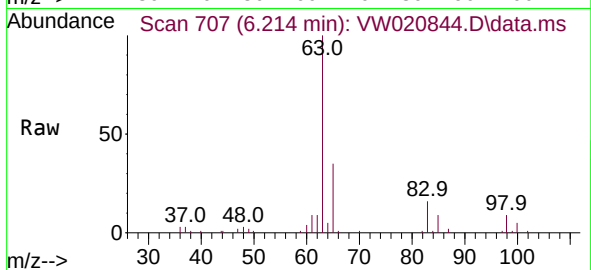
Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	52132
Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.1	41.1
83	15.7	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 22.992 ug/L

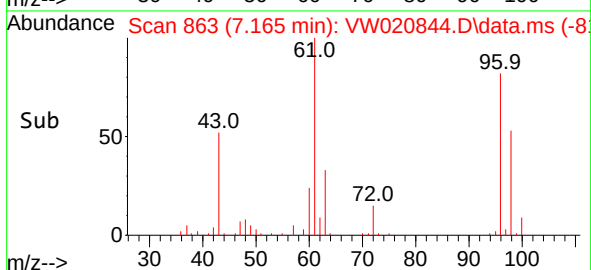
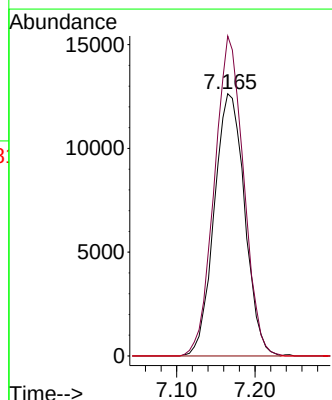
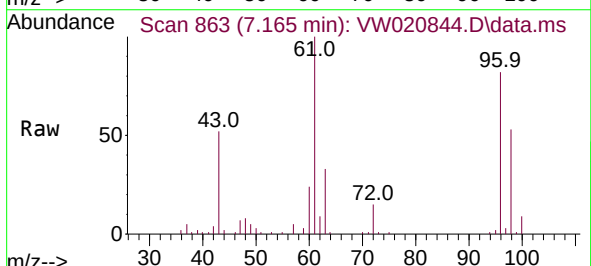
RT: 7.165 min Scan# 863

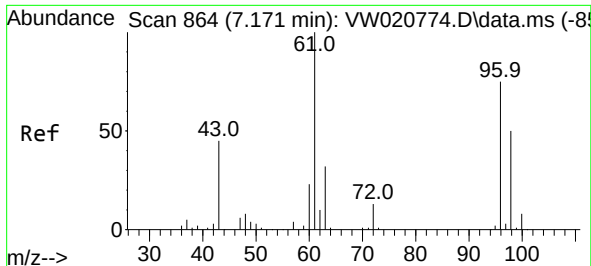
Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Tgt Ion:	96	Resp:	34111
Ion	Ratio	Lower	Upper
96	100		
61	122.0	103.7	192.7
68	0.0	0.0	0.0

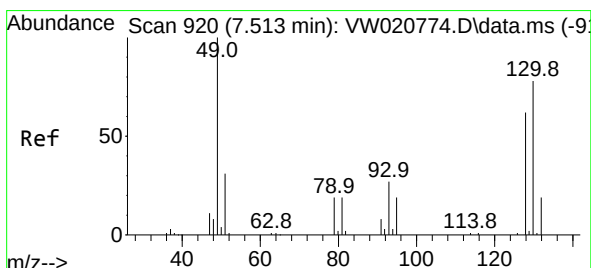
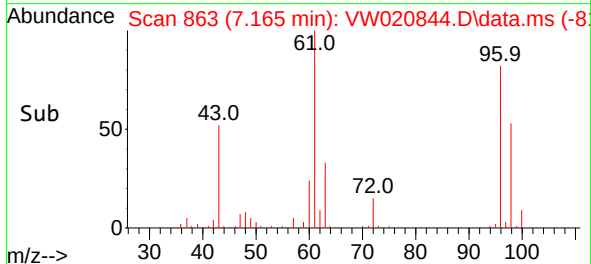
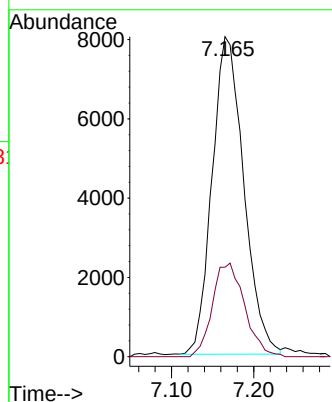
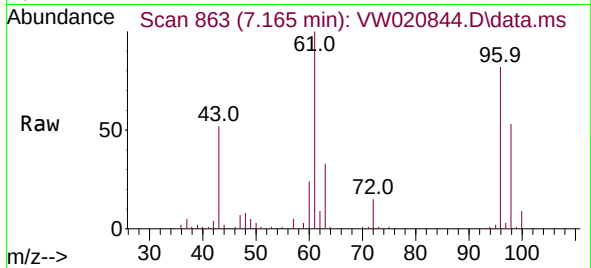




#22
2-Butanone
Concen: 53.613 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

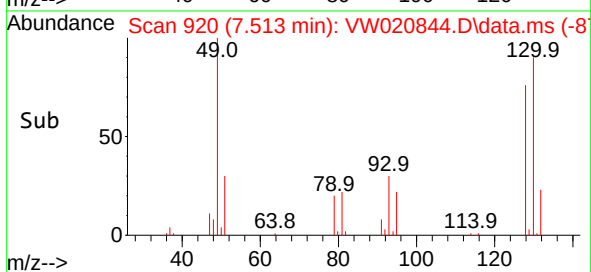
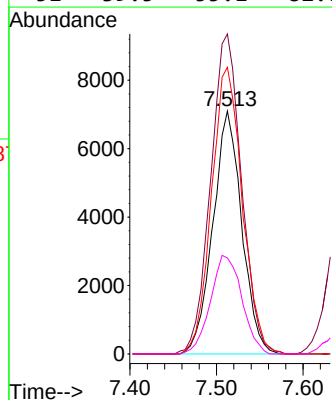
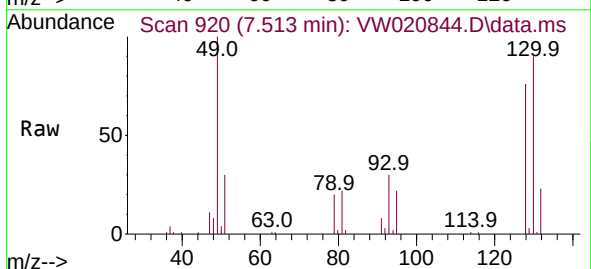
Instrument :
MSVOA_W
ClientSampleId :

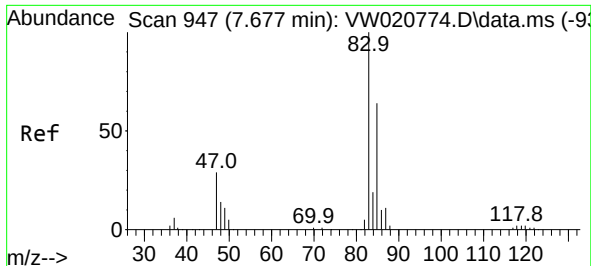
Tgt Ion: 43 Resp: 21424
Ion Ratio Lower Upper
43 100
72 29.9 11.8 35.4



#23
Bromochloromethane
Concen: 24.001 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion: 128 Resp: 16431
Ion Ratio Lower Upper
128 100
49 131.7 150.3 279.1#
130 118.0 88.3 163.9
51 39.5 55.1 82.7#

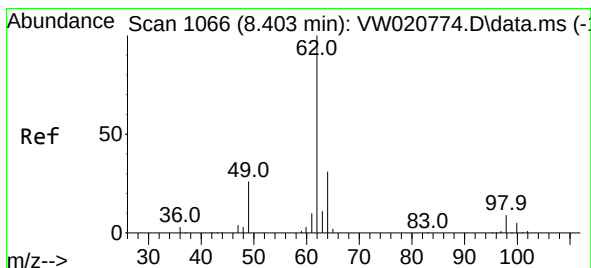
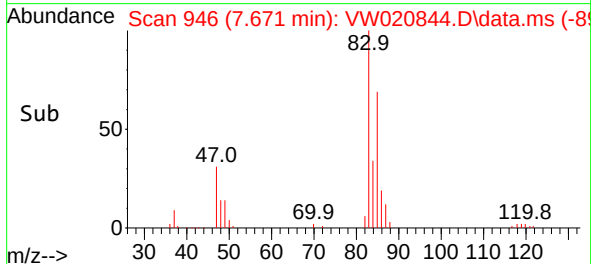
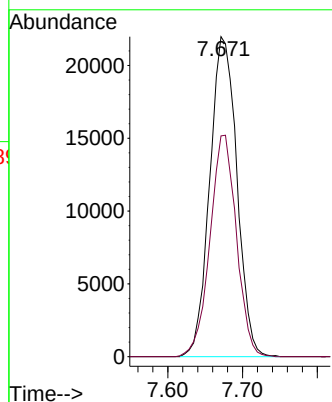
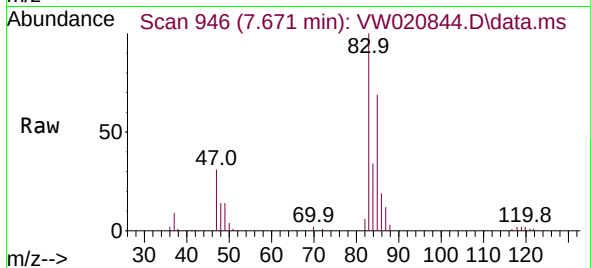




#25
Chloroform
Concen: 21.846 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

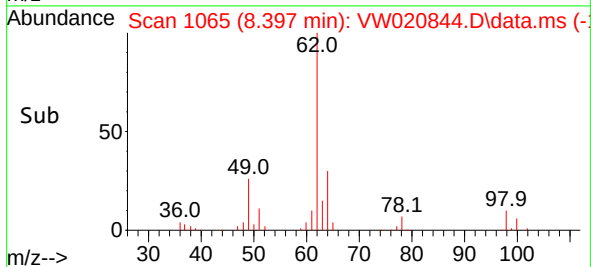
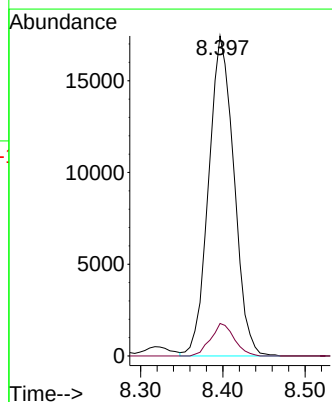
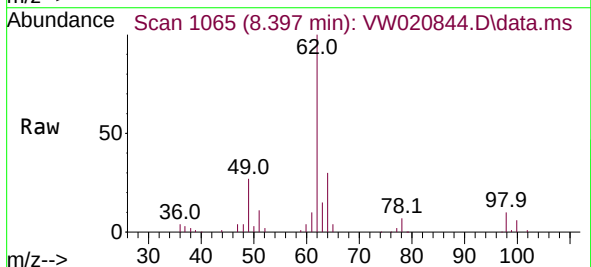
Instrument :
MSVOA_W
ClientSampleId :

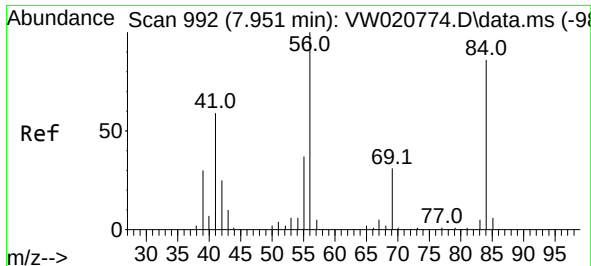
Tgt Ion: 83 Resp: 55436
Ion Ratio Lower Upper
83 100
85 69.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.744 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion: 62 Resp: 37362
Ion Ratio Lower Upper
62 100
98 10.2 6.5 9.7#





#29

Cyclohexane

Concen: 21.484 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

ClientSampleId :

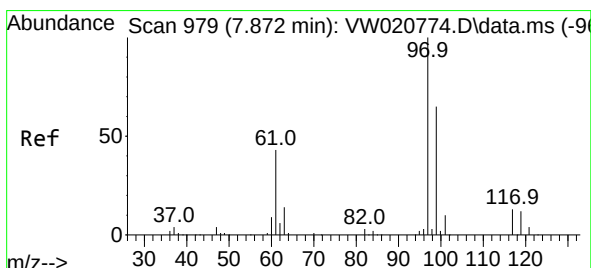
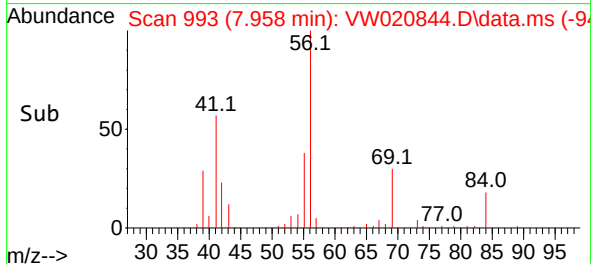
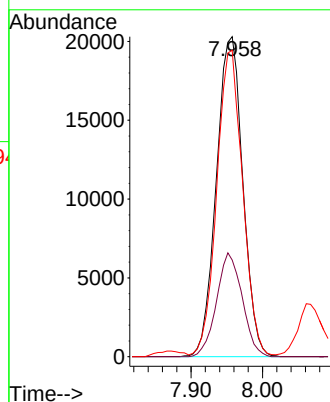
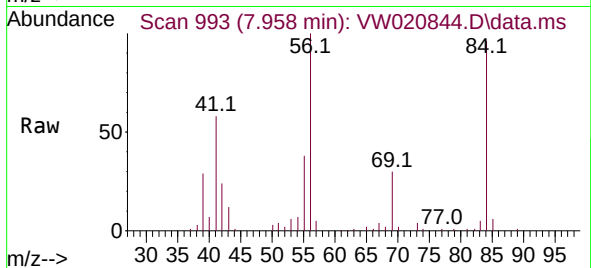
Tgt Ion: 56 Resp: 52267

Ion Ratio Lower Upper

56 100

69 31.4 23.5 35.3

84 93.8 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 22.638 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

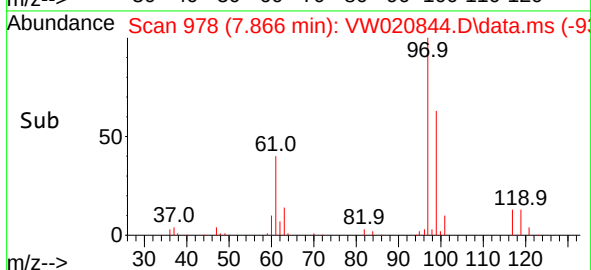
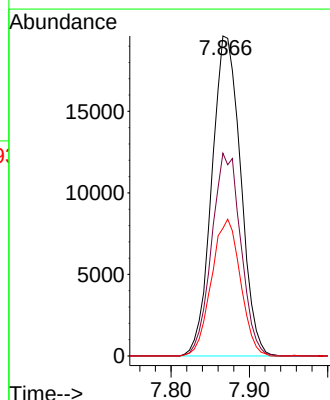
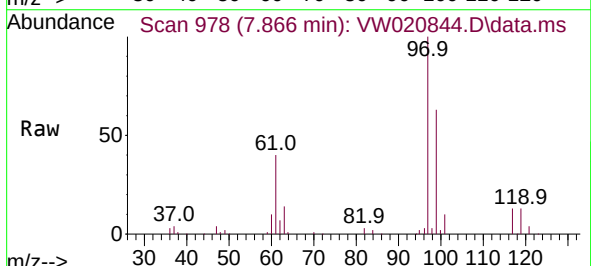
Tgt Ion: 97 Resp: 50163

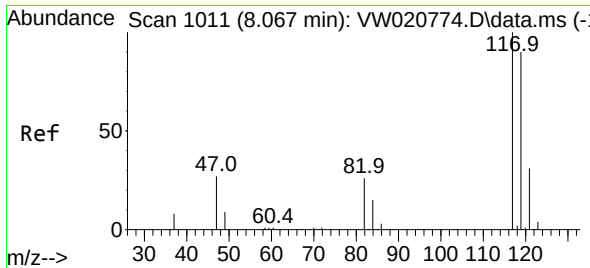
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 42.9 40.9 61.3

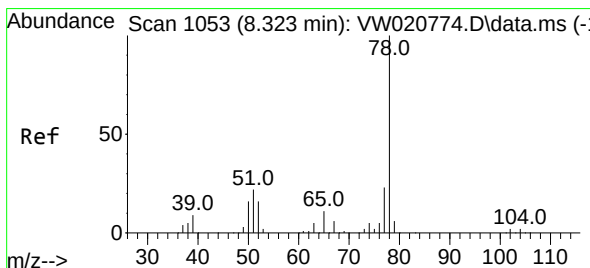
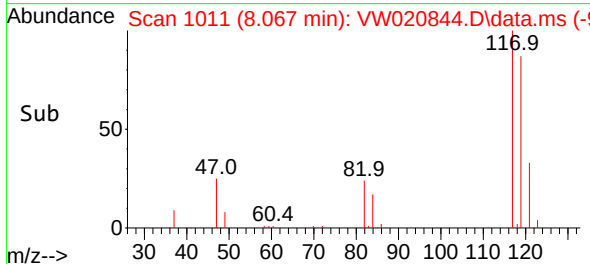
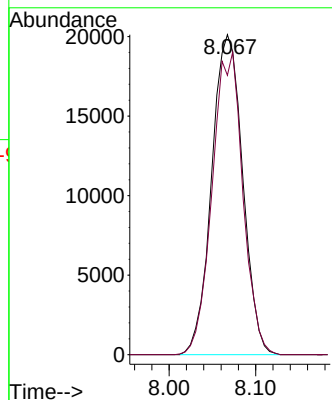
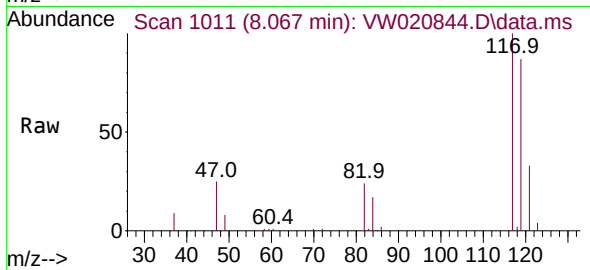




#31
Carbon tetrachloride
Concen: 23.696 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

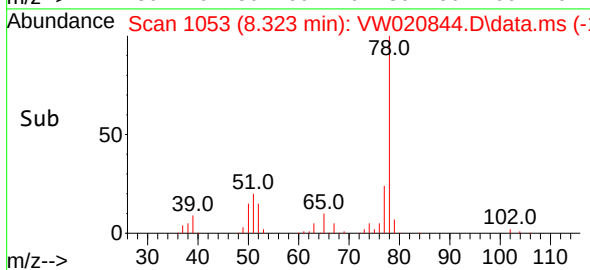
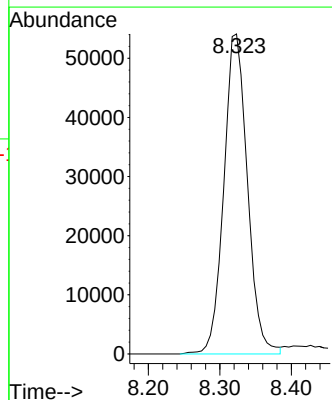
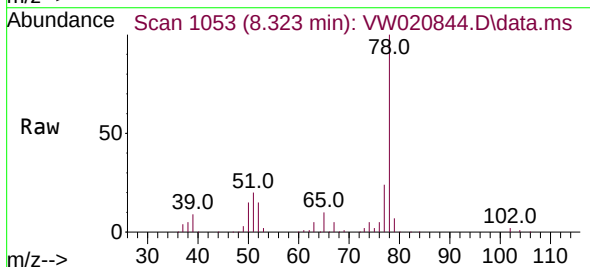
Instrument :
MSVOA_W
ClientSampleId :

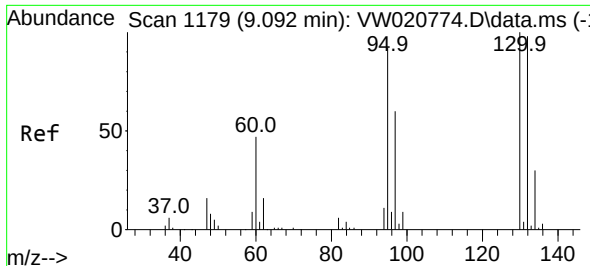
Tgt Ion:117 Resp: 49968
Ion Ratio Lower Upper
117 100
119 93.6 75.7 113.5



#33
Benzene
Concen: 22.239 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

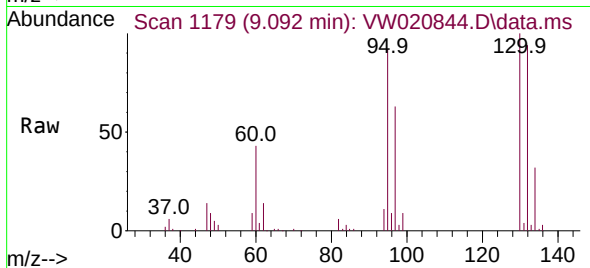
Tgt Ion: 78 Resp: 124191





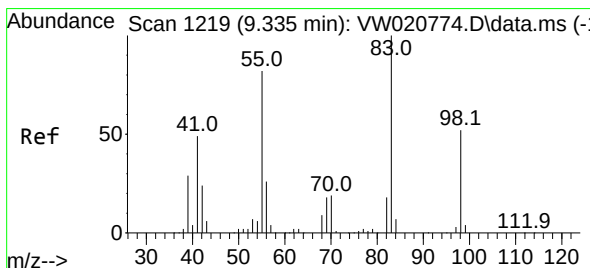
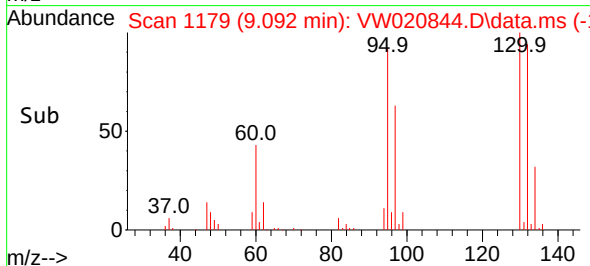
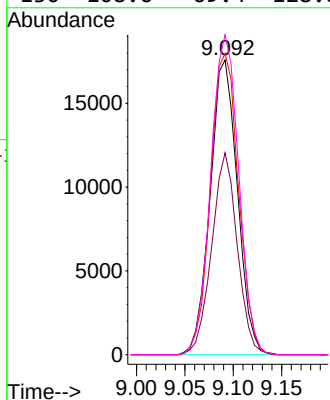
#34
Trichloroethene
Concen: 23.229 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 34529

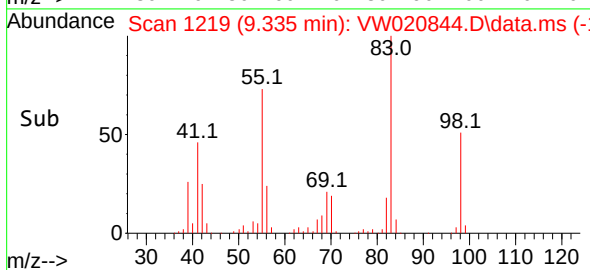
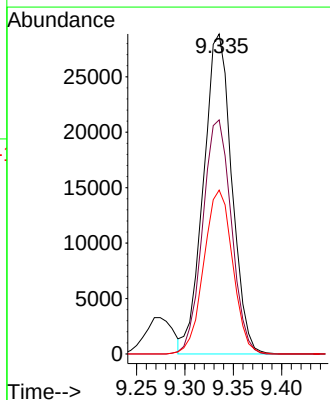
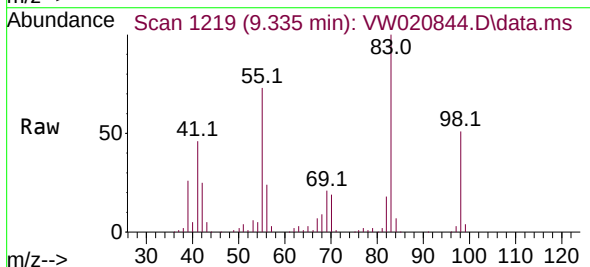
Ion	Ratio	Lower	Upper
95	100		
97	68.5	47.0	87.2
132	102.2	65.5	121.6
130	108.6	69.4	128.8

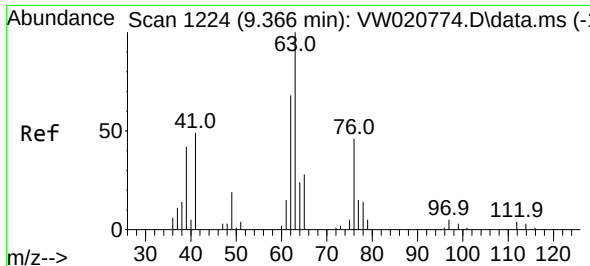


#35
Methylcyclohexane
Concen: 22.696 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion: 83 Resp: 58875

Ion	Ratio	Lower	Upper
83	100		
55	74.0	70.8	106.2
98	52.1	37.7	56.5





#37

1,2-Dichloropropane

Concen: 20.924 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

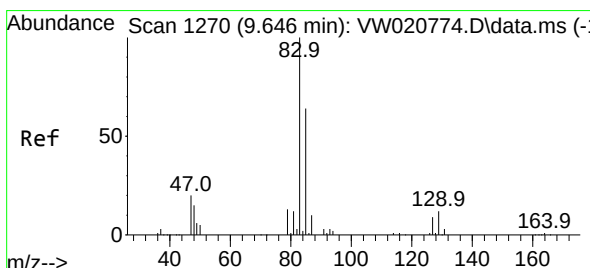
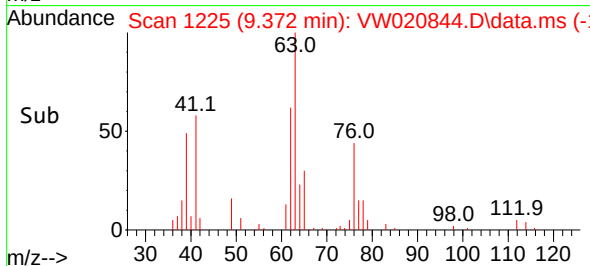
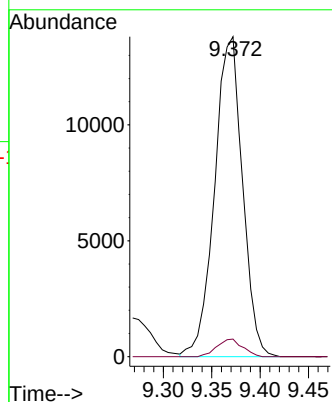
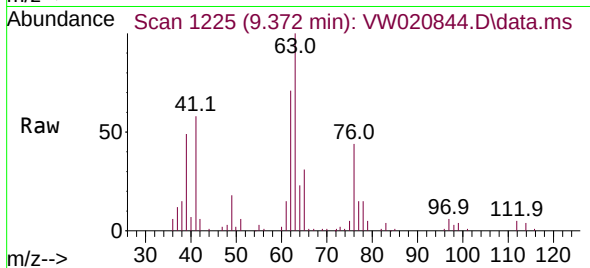
ClientSampleId :

Tgt Ion: 63 Resp: 27665

Ion Ratio Lower Upper

63 100

112 5.1 3.2 4.8#



#38

Bromodichloromethane

Concen: 22.227 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

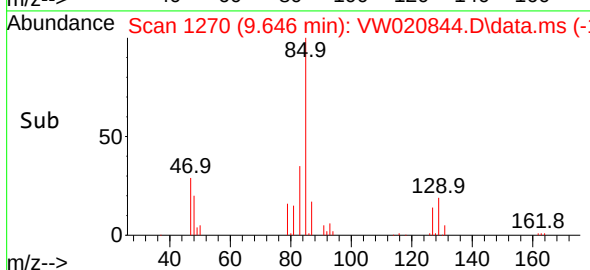
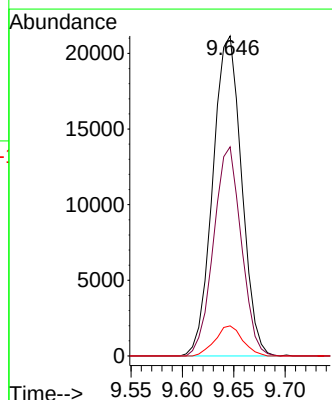
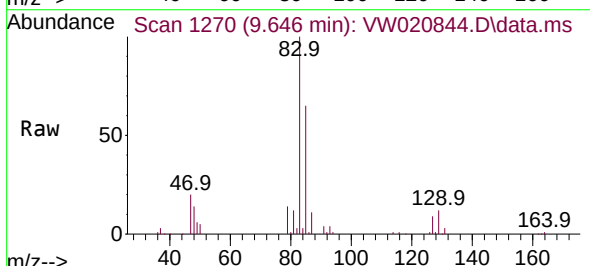
Tgt Ion: 83 Resp: 41138

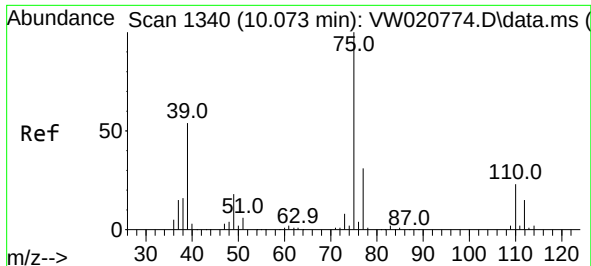
Ion Ratio Lower Upper

83 100

85 65.4 44.1 81.9

127 9.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 21.949 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

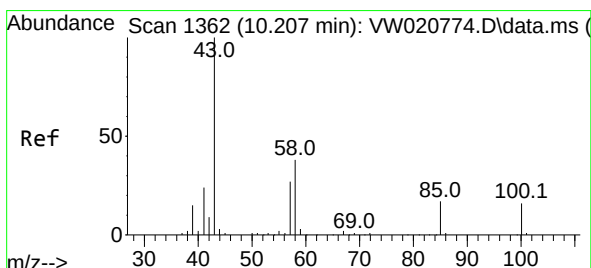
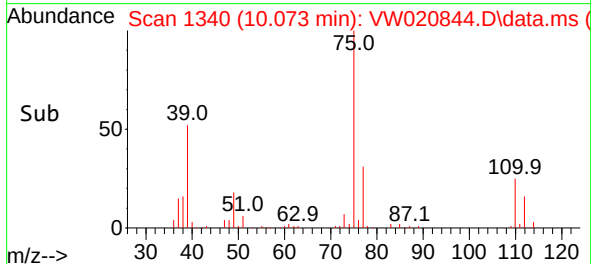
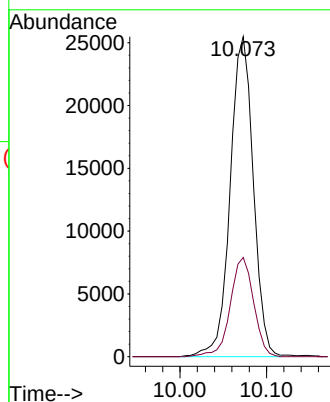
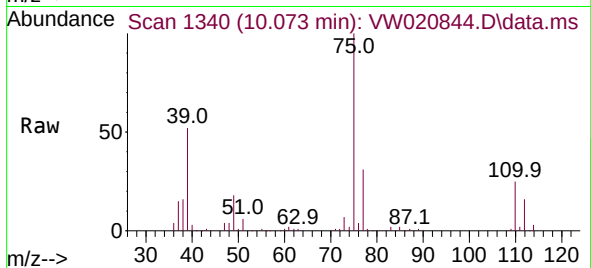
ClientSampleId :

Tgt Ion: 75 Resp: 47229

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 52.490 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

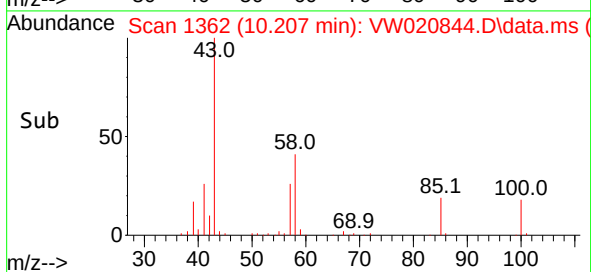
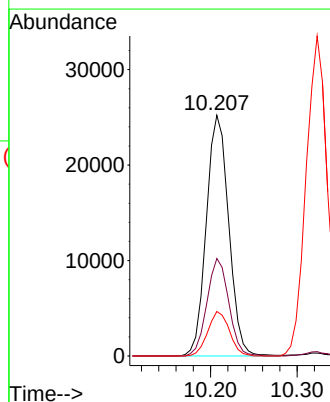
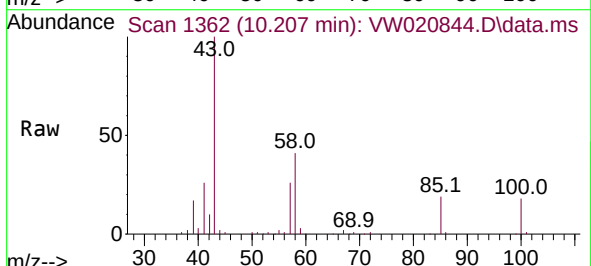
Tgt Ion: 43 Resp: 45358

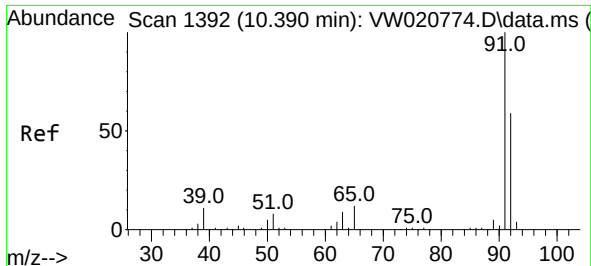
Ion Ratio Lower Upper

43 100

58 39.3 28.8 43.2

100 17.8 10.0 15.0#

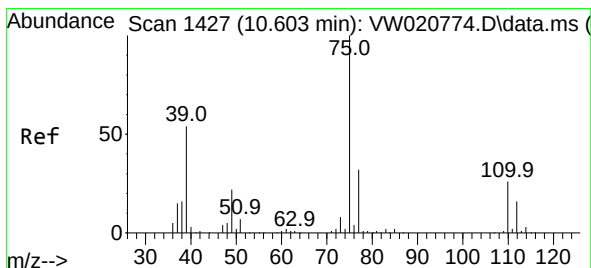
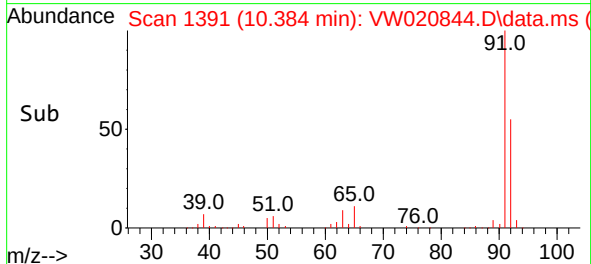
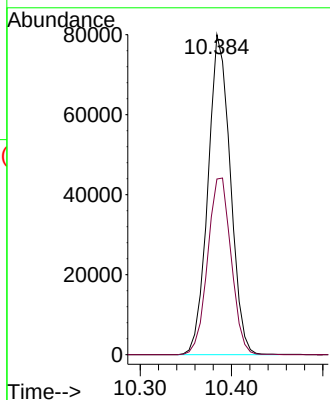
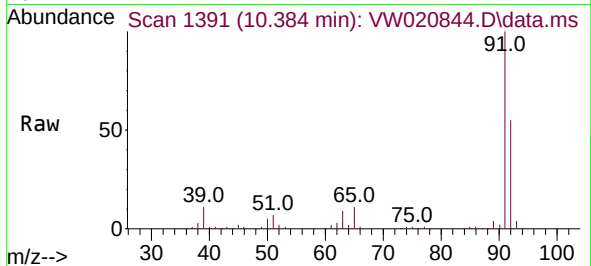




#42
Toluene
Concen: 22.671 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

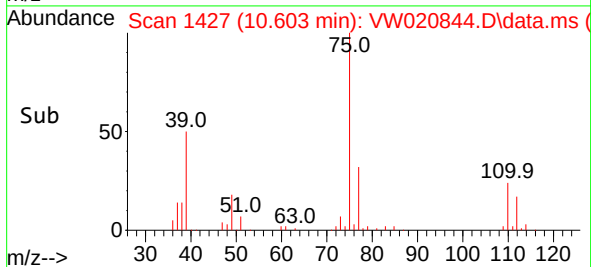
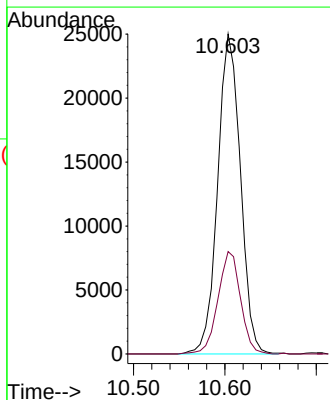
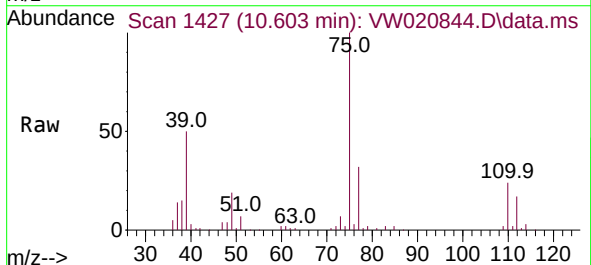
Instrument :
MSVOA_W
ClientSampleId :

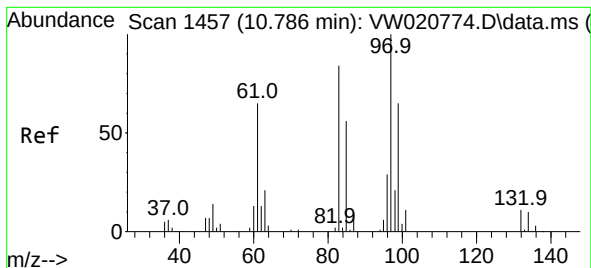
Tgt Ion: 91 Resp: 136144
Ion Ratio Lower Upper
91 100
92 54.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.239 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion: 75 Resp: 43285
Ion Ratio Lower Upper
75 100
77 32.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.275 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 23819

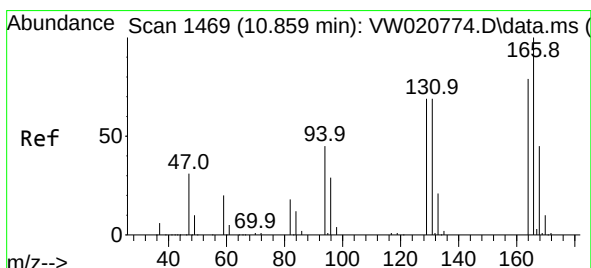
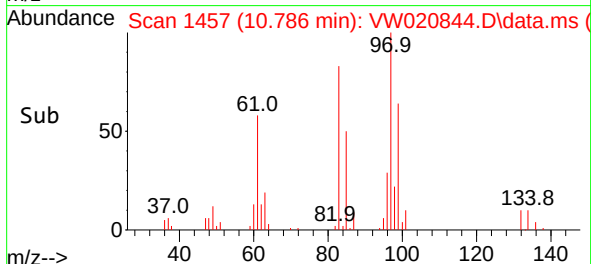
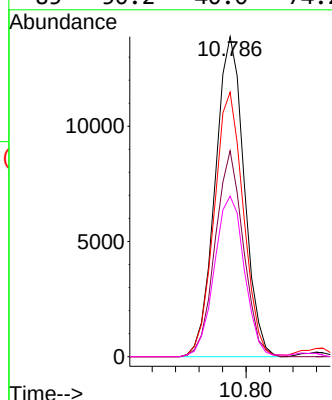
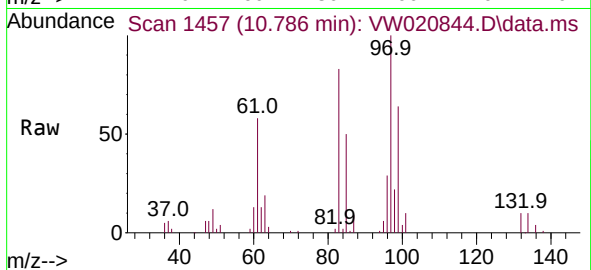
Ion Ratio Lower Upper

97 100

99 64.3 43.0 79.8

83 82.6 62.6 116.3

85 50.2 40.0 74.2



#46

Tetrachloroethene

Concen: 22.717 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Tgt Ion:164 Resp: 30288

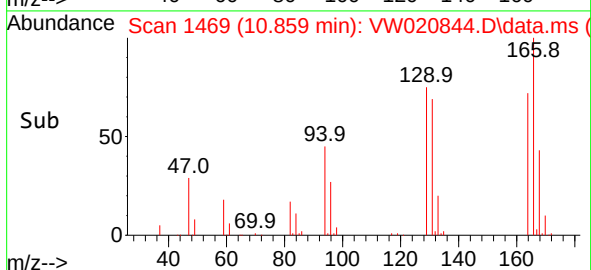
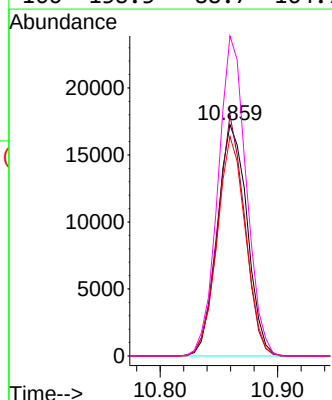
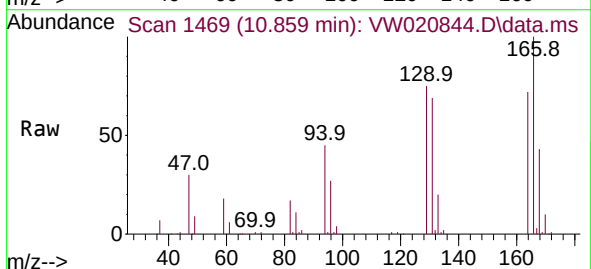
Ion Ratio Lower Upper

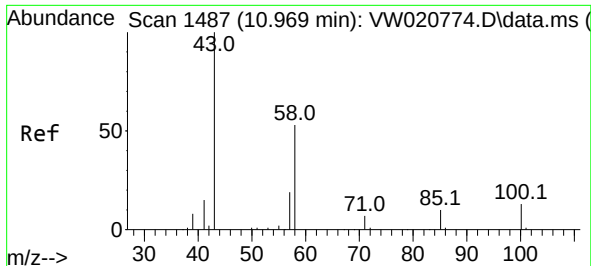
164 100

129 104.1 65.5 121.7

131 94.9 59.7 110.9

166 138.3 88.7 164.7

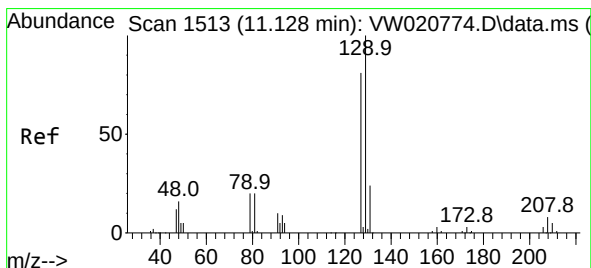
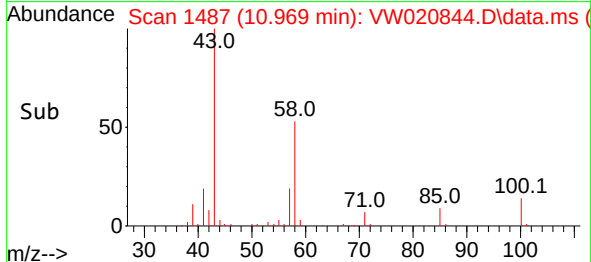
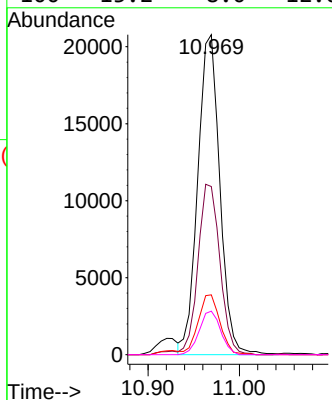
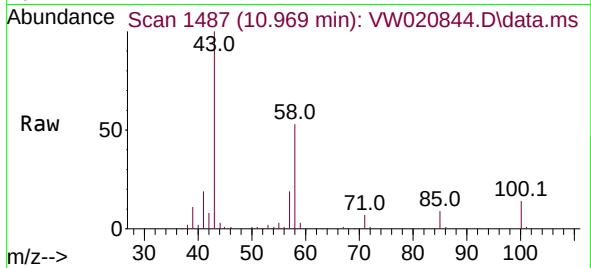




#48
2-Hexanone
Concen: 55.296 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

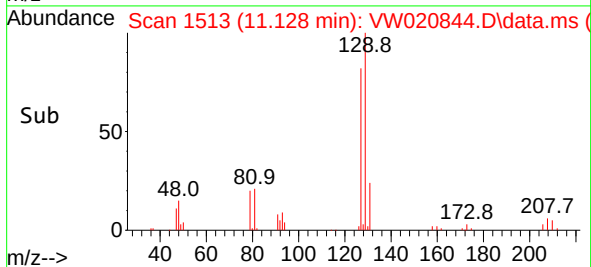
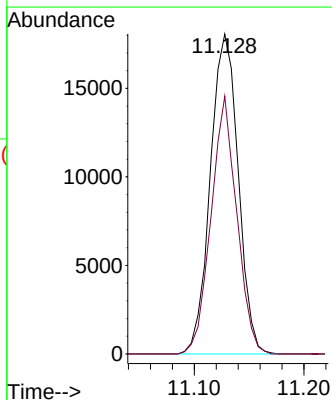
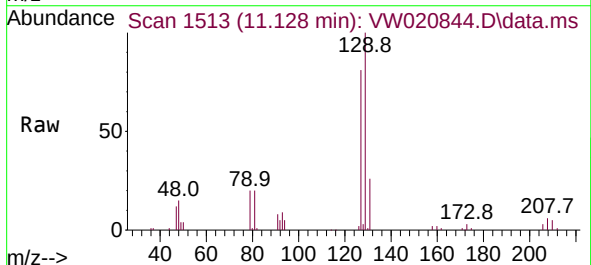
Instrument :
MSVOA_W
ClientSampleId :

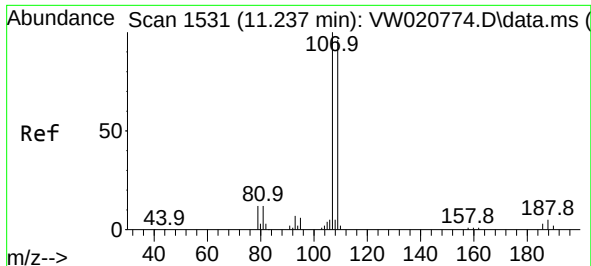
Tgt Ion: 43 Resp: 34891
Ion Ratio Lower Upper
43 100
58 52.7 40.2 60.2
57 18.4 14.3 21.5
100 13.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.826 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion: 129 Resp: 31927
Ion Ratio Lower Upper
129 100
127 80.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.771 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020844.D

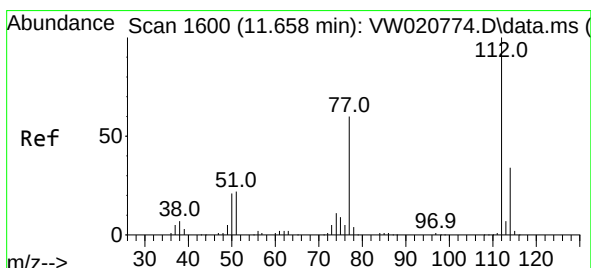
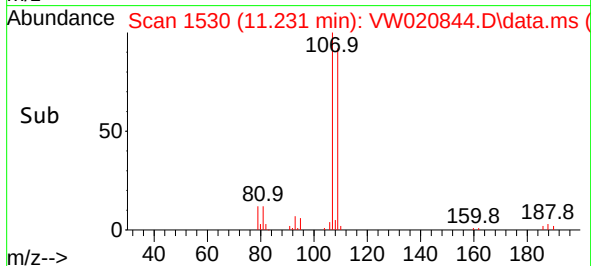
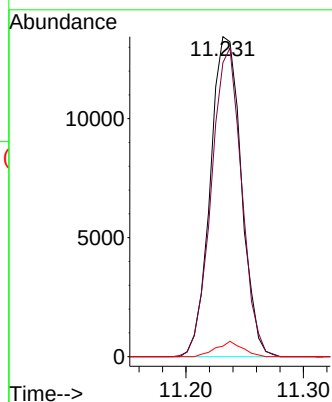
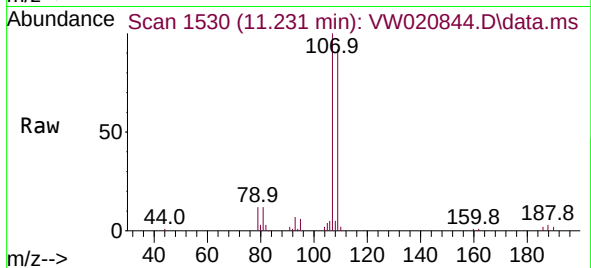
Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	24645
Ion Ratio	Lower	Upper	
107	100		
109	91.9	64.1	119.1
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 23.234 ug/L

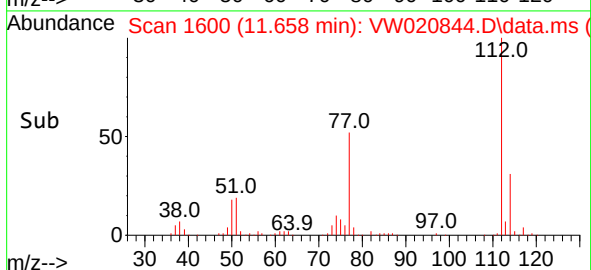
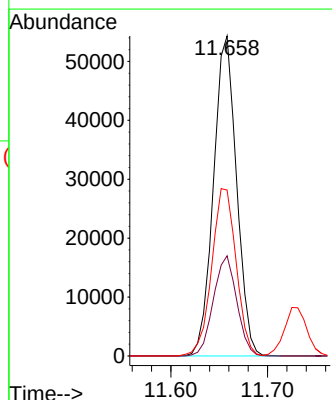
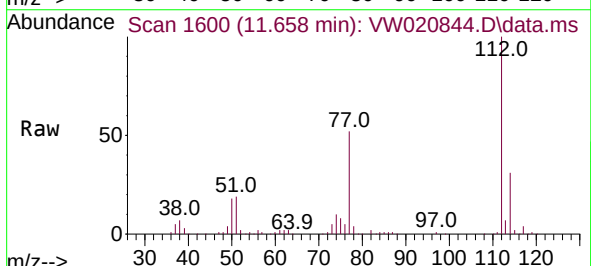
RT: 11.658 min Scan# 1600

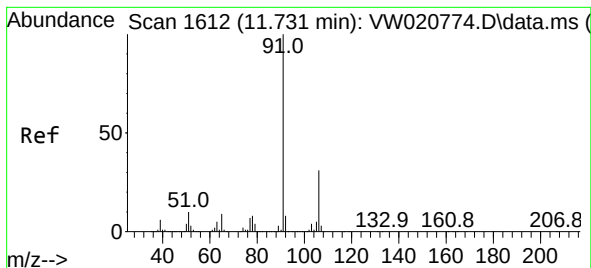
Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Tgt Ion:	112	Resp:	89996
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.4	41.6
77	51.9	50.2	75.4

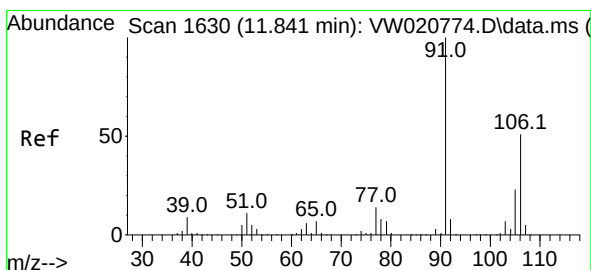
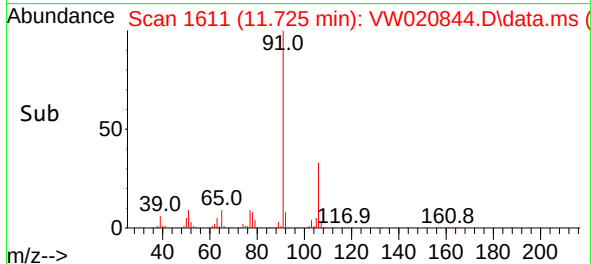
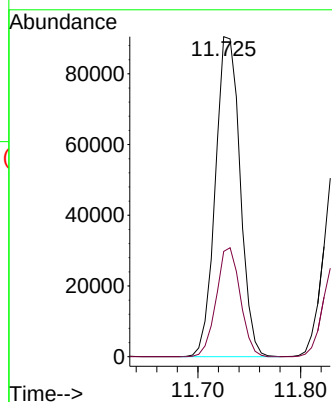
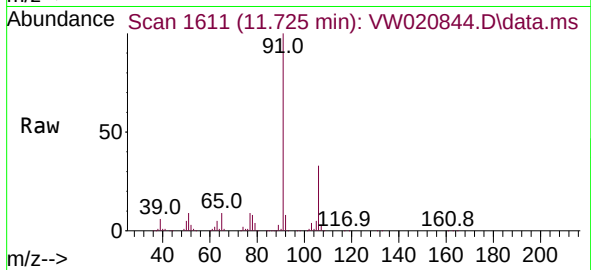




#52
Ethylbenzene
Concen: 22.423 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

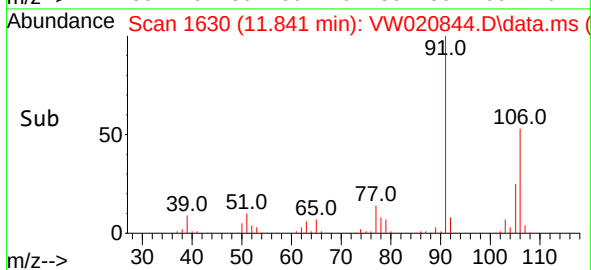
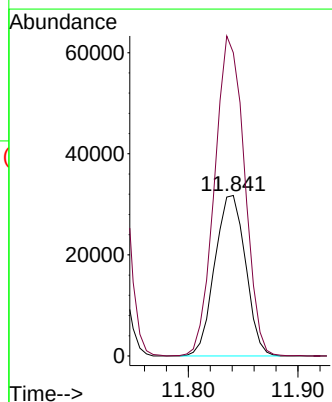
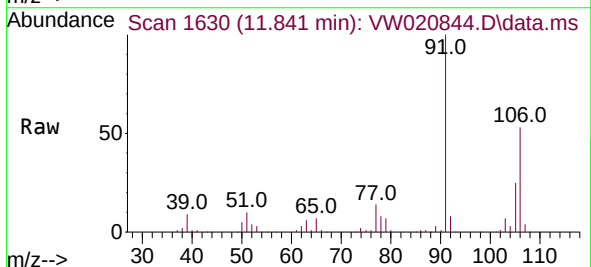
Instrument :
MSVOA_W
ClientSampleId :

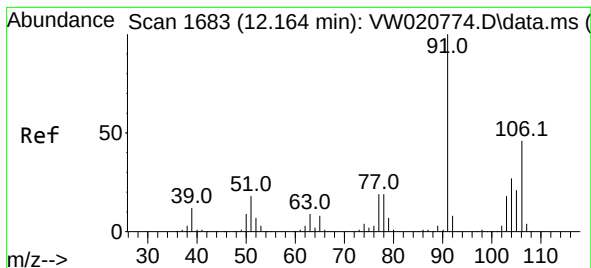
Tgt Ion: 91 Resp: 150871
Ion Ratio Lower Upper
91 100
106 32.9 21.5 39.9



#53
m,p-Xylene
Concen: 23.011 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion:106 Resp: 62032
Ion Ratio Lower Upper
106 100
91 188.9 149.9 278.3





#54

o-Xylene

Concen: 22.601 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

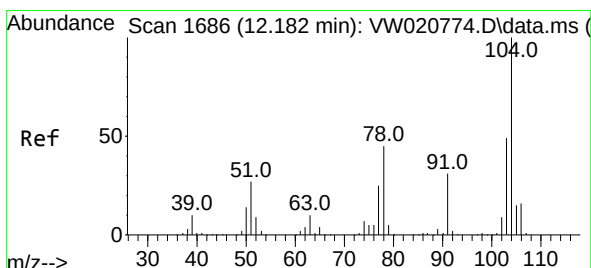
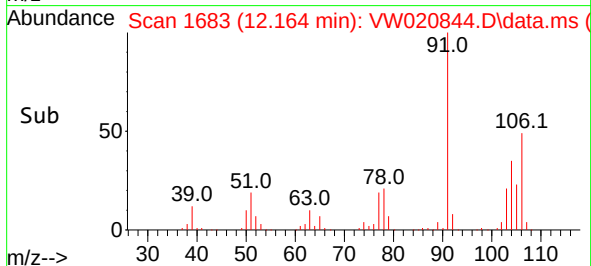
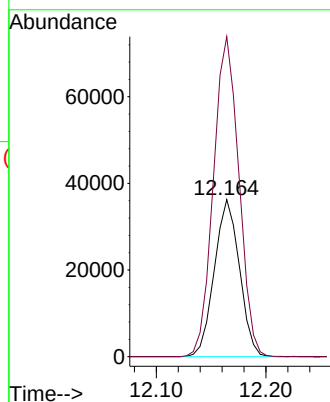
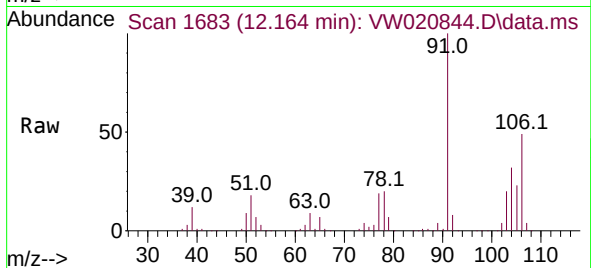
ClientSampleId :

Tgt Ion:106 Resp: 57714

Ion Ratio Lower Upper

106 100

91 203.7 153.6 285.3



#55

Styrene

Concen: 22.918 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW020844.D

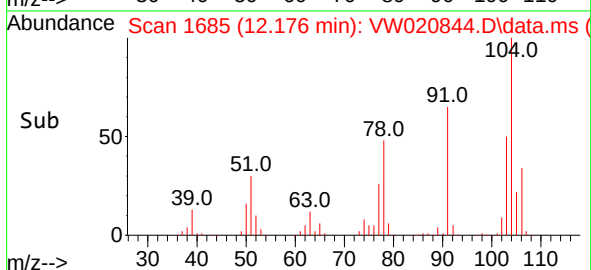
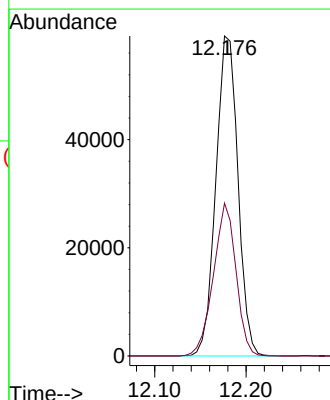
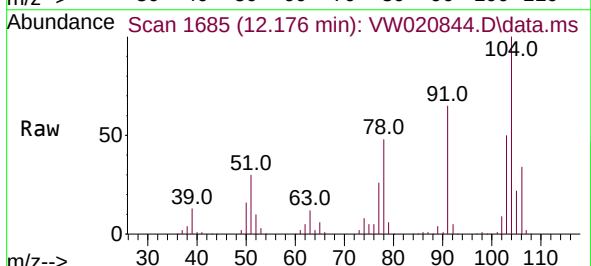
Acq: 11 Nov 2021 07:58

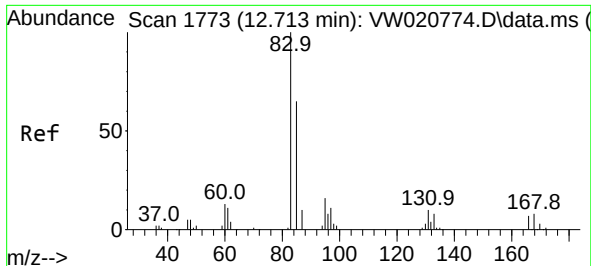
Tgt Ion:104 Resp: 99492

Ion Ratio Lower Upper

104 100

78 47.8 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.487 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020844.D

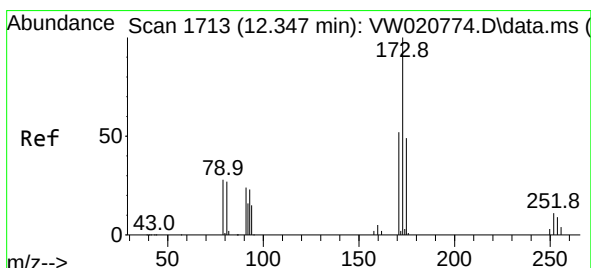
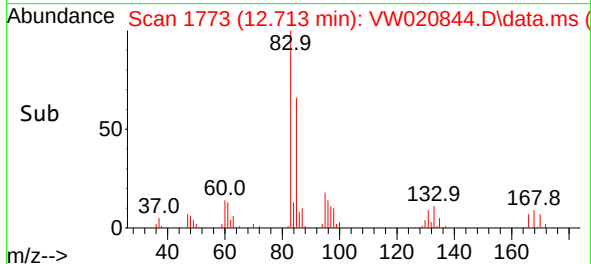
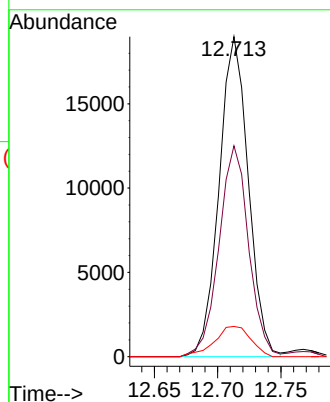
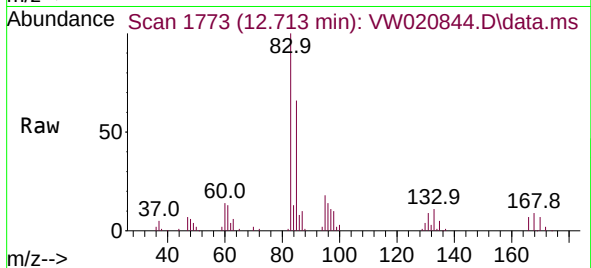
Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 30461
Ion Ratio	Lower Upper
83 100	
85 65.9	44.0 81.6
131 9.4	6.9 10.3



#59

Bromoform

Concen: 23.291 ug/L

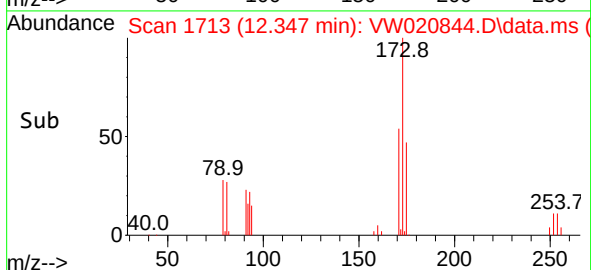
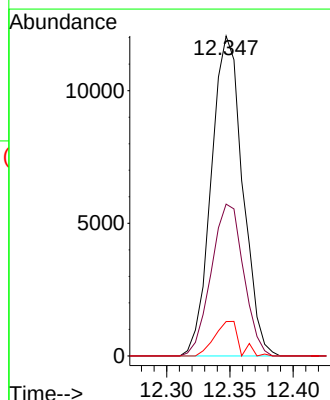
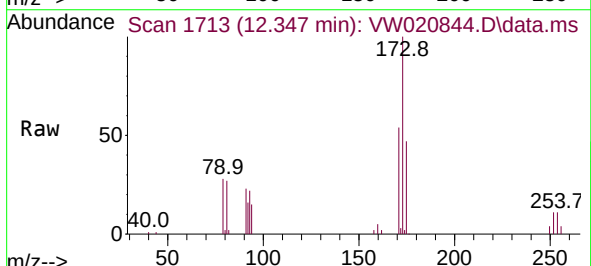
RT: 12.347 min Scan# 1713

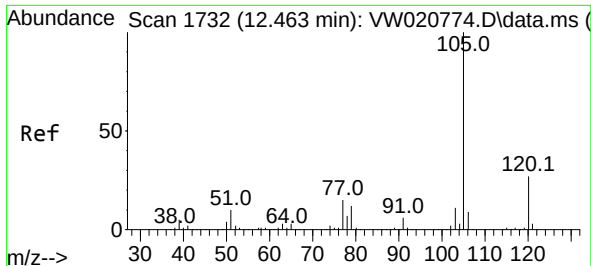
Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Tgt Ion: 173	Resp: 20845
Ion Ratio	Lower Upper
173 100	
175 48.8	39.6 59.4
254 7.5	7.4 11.0

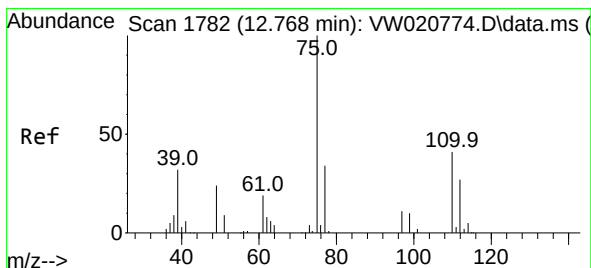
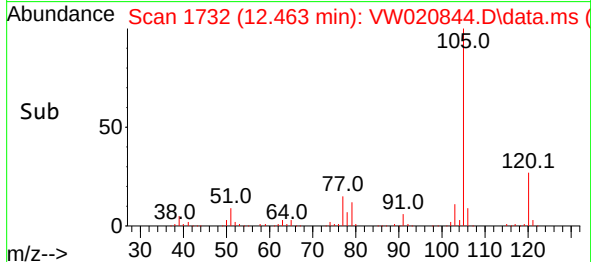
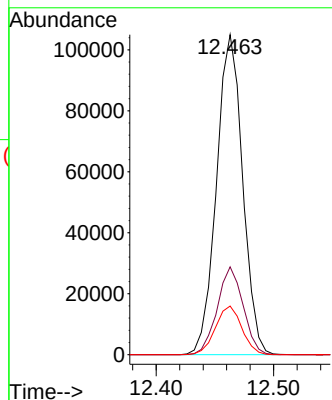
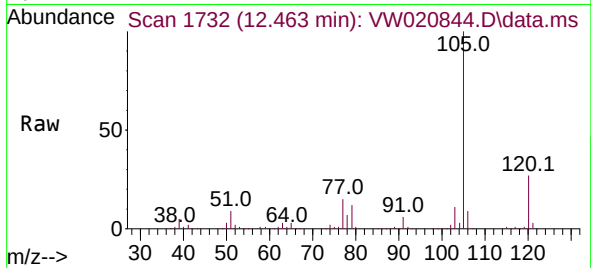




#60
Isopropylbenzene
Concen: 22.262 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

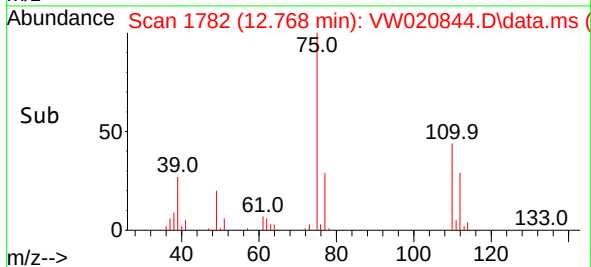
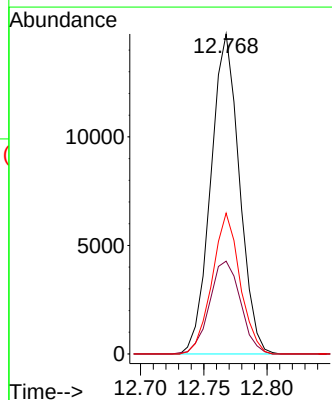
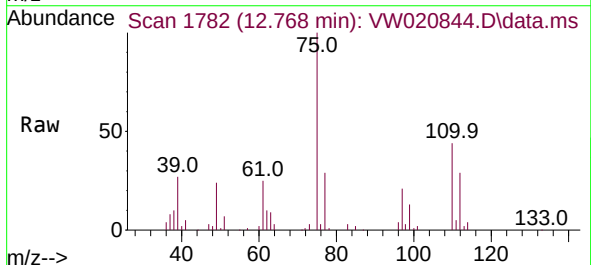
Instrument :
MSVOA_W
ClientSampleId :

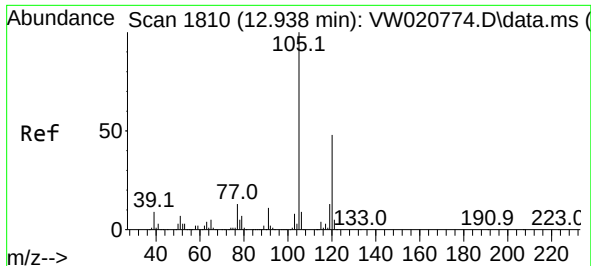
Tgt Ion:105 Resp: 162359
Ion Ratio Lower Upper
105 100
120 27.1 20.1 30.1
77 15.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.507 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion: 75 Resp: 23179
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
110 42.8 29.0 43.4

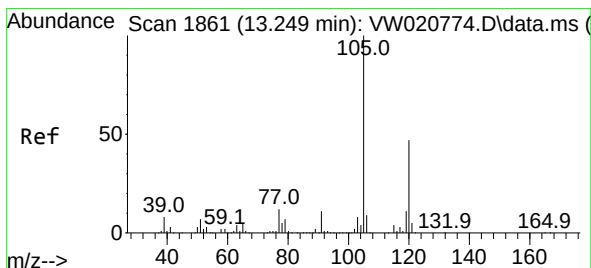
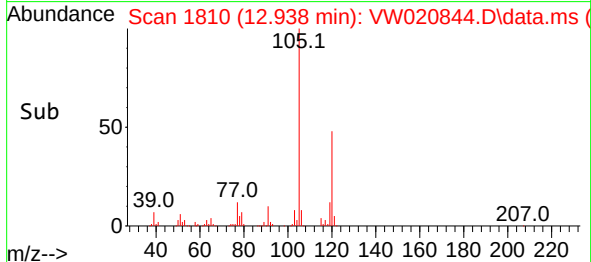
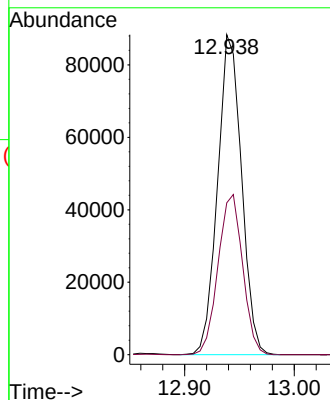
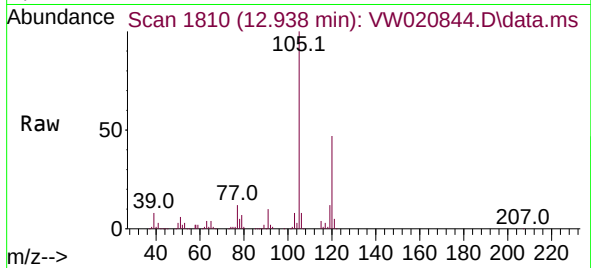




#62
1,3,5-Trimethylbenzene
Concen: 21.416 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

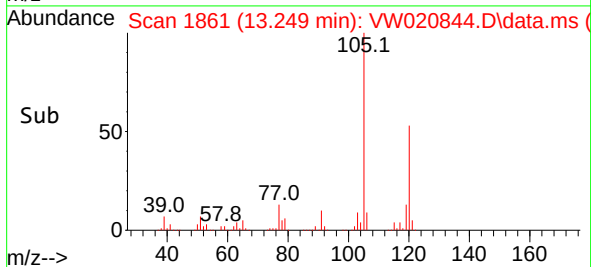
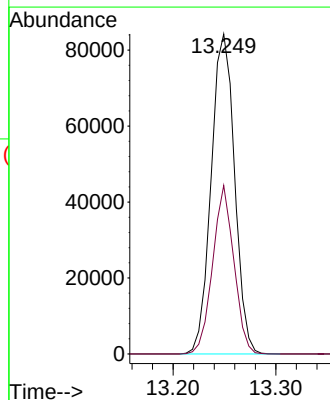
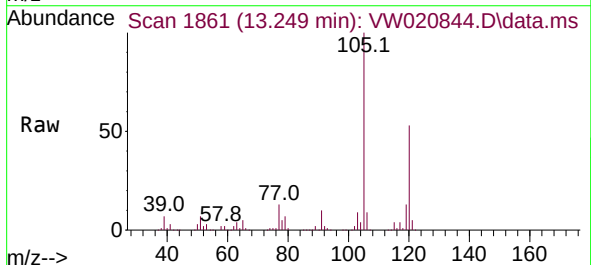
Instrument :
MSVOA_W
ClientSampleId :

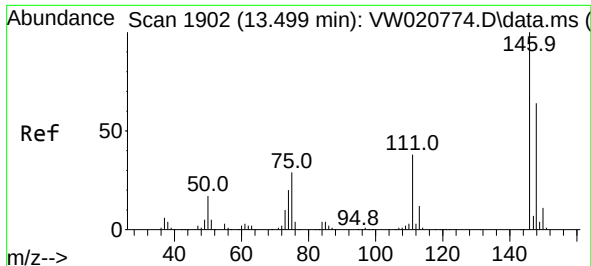
Tgt Ion:105 Resp: 134211
Ion Ratio Lower Upper
105 100
120 51.4 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 21.401 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion:105 Resp: 133231
Ion Ratio Lower Upper
105 100
120 47.7 35.0 52.6

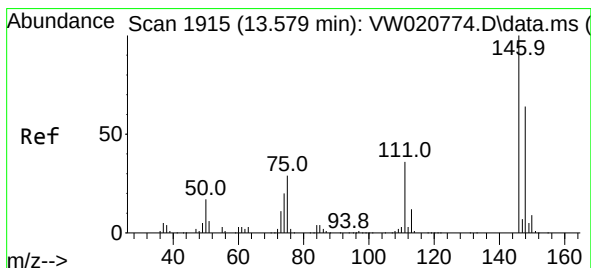
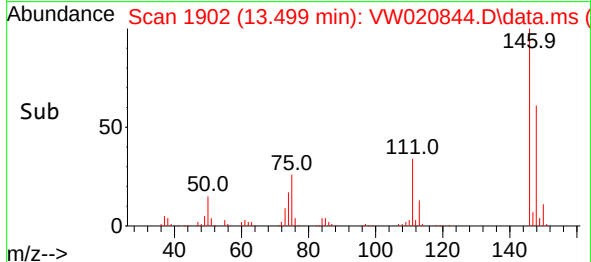
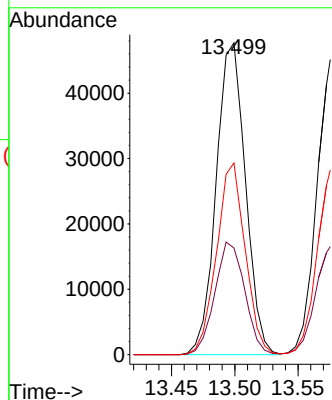
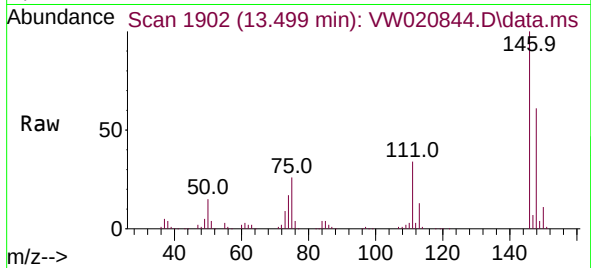




#64
1,3-Dichlorobenzene
Concen: 22.710 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

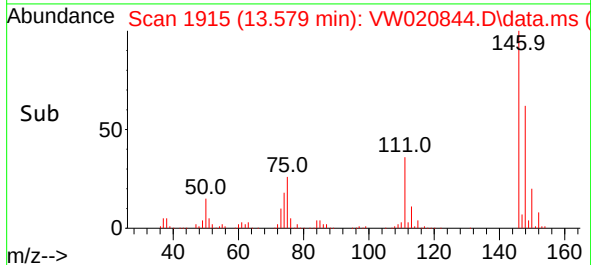
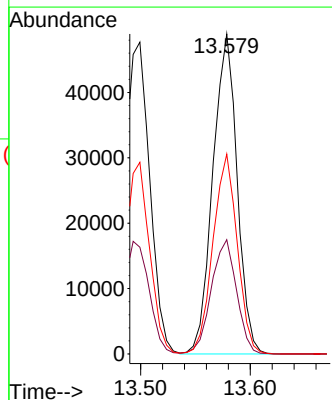
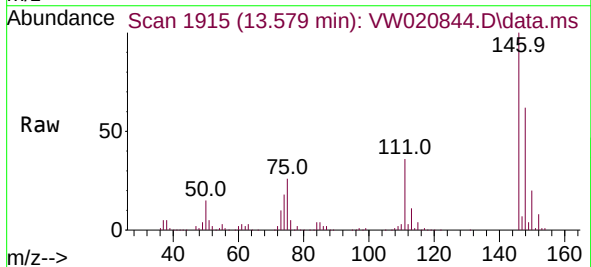
Instrument :
MSVOA_W
ClientSampleId :

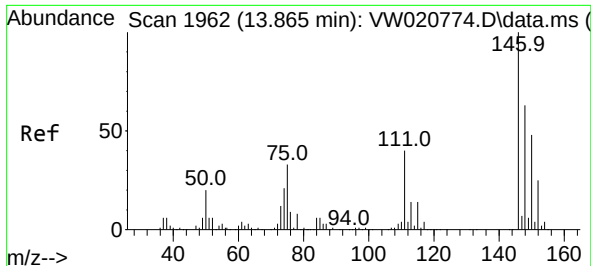
Tgt Ion:146 Resp: 76790
Ion Ratio Lower Upper
146 100
111 34.2 29.8 55.3
148 61.5 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.365 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020844.D
Acq: 11 Nov 2021 07:58

Tgt Ion:146 Resp: 75333
Ion Ratio Lower Upper
146 100
111 35.7 29.0 53.9
148 62.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.682 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

ClientSampleId :

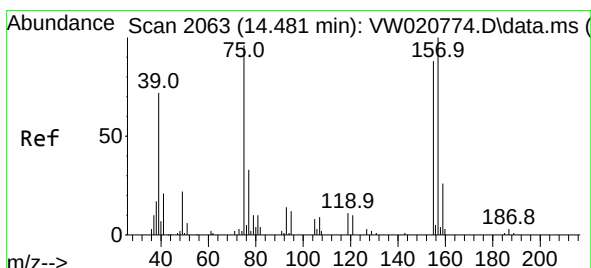
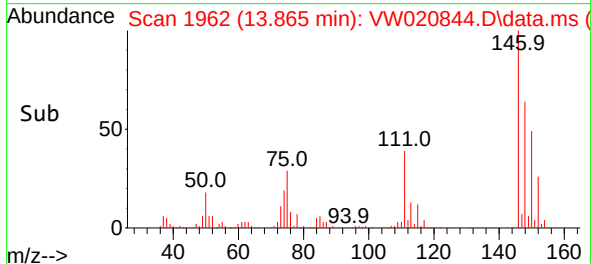
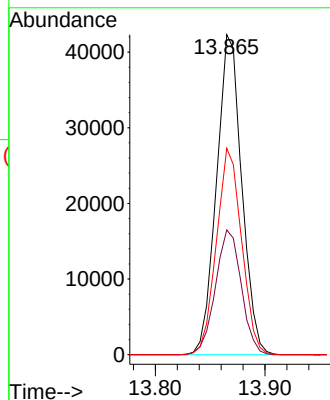
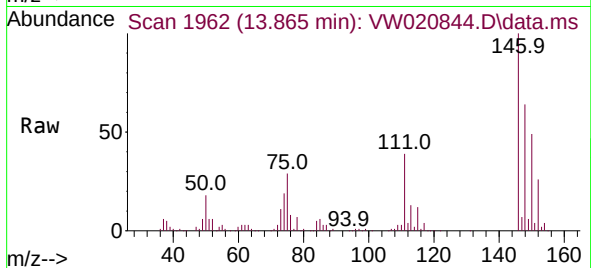
Tgt Ion:146 Resp: 67751

Ion Ratio Lower Upper

146 100

111 39.0 33.1 49.7

148 64.5 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 28.369 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

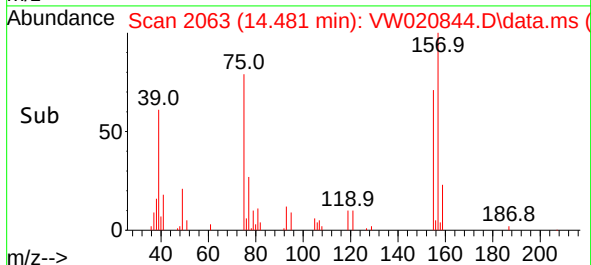
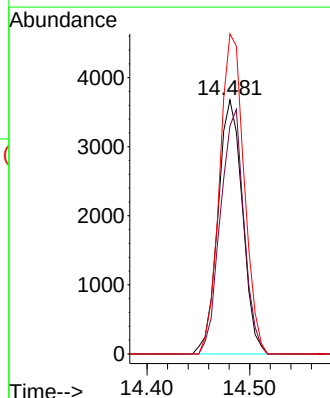
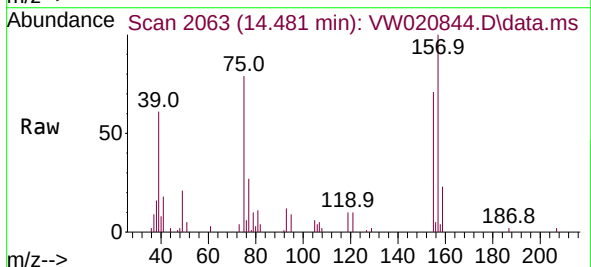
Tgt Ion: 75 Resp: 6064

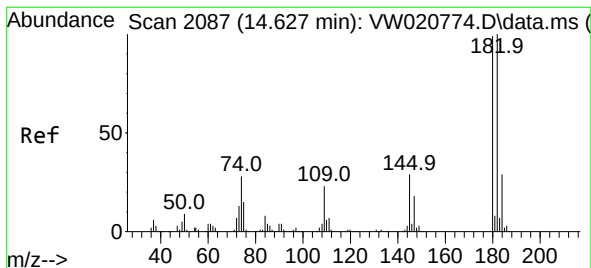
Ion Ratio Lower Upper

75 100

155 89.9 54.2 81.2#

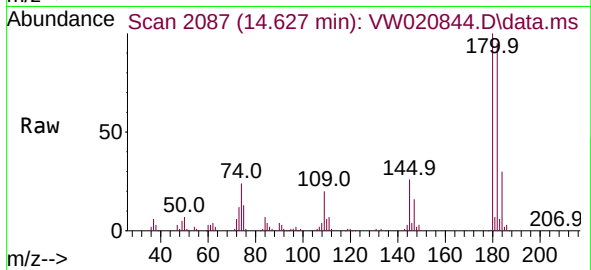
157 126.0 69.4 104.2#



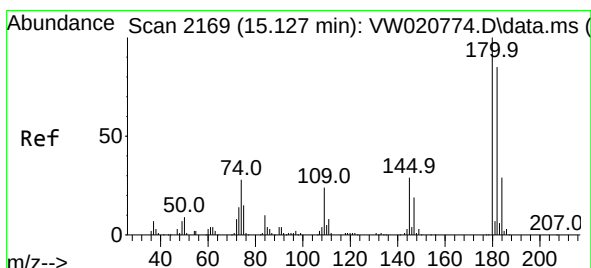
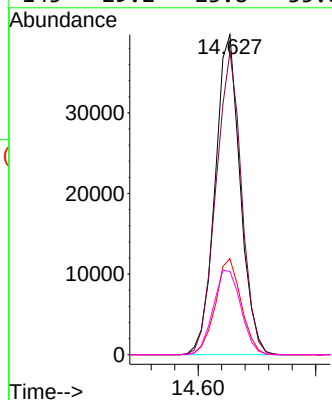
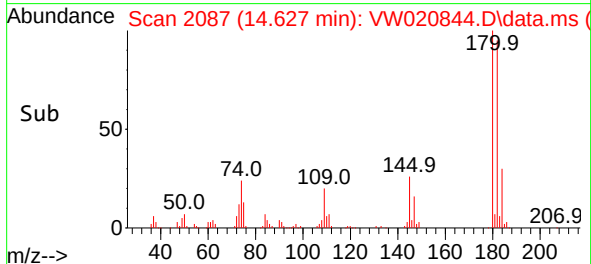


#69
 1,3,5-Trichlorobenzene
 Concen: 21.940 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58

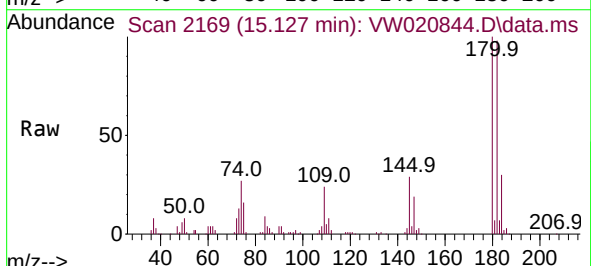
Instrument :
 MSVOA_W
 ClientSampleId :



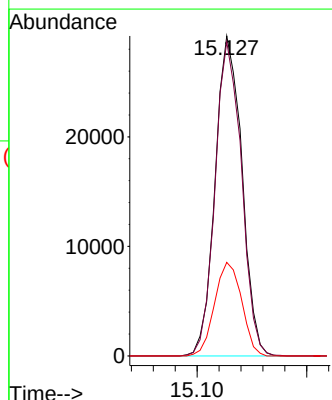
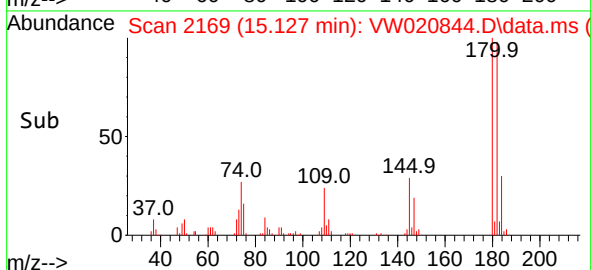
Tgt Ion:180 Resp: 58886
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.0
 184 30.7 23.8 35.8
 145 29.2 23.8 35.8

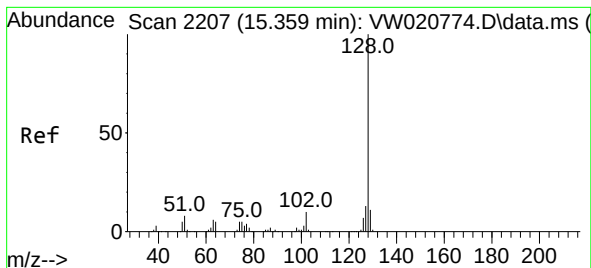


#70
 1,2,4-trichlorobenzene
 Concen: 22.128 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW020844.D
 Acq: 11 Nov 2021 07:58



Tgt Ion:180 Resp: 49511
 Ion Ratio Lower Upper
 180 100
 182 96.7 79.0 118.6
 145 29.5 26.0 39.0





#71

Naphthalene

Concen: 26.332 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW020844.D

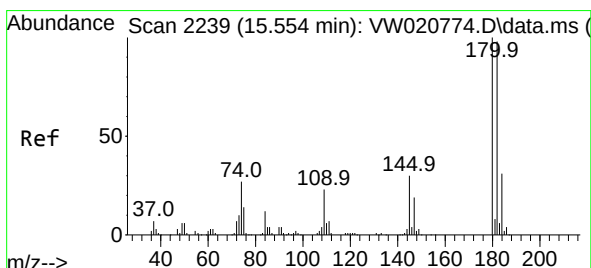
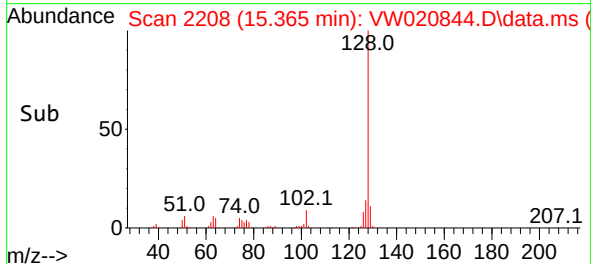
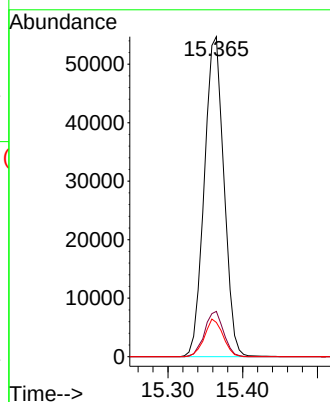
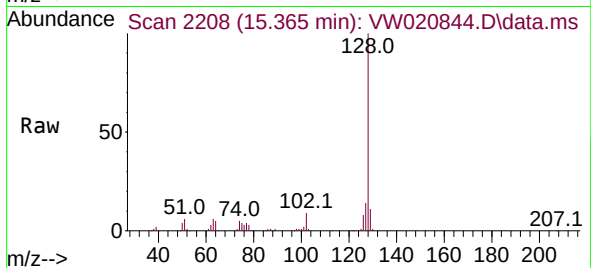
Acq: 11 Nov 2021 07:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	99587
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.7 16.1
129	11.1	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.657 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW020844.D

Acq: 11 Nov 2021 07:58

Tgt Ion:180	Resp:	43079
Ion Ratio	Lower	Upper
180	100	
182	98.2	76.6 114.8
145	31.0	27.4 41.0

