

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022086.D
 Acq On : 21 Feb 2022 14:26
 Operator : SY/VA
 Sample : N1622-03MSD
 Misc : 7.35g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MSD

Quant Time: Feb 22 00:40:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	178086	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	171427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	93599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46598	21.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
7) Chloroethane-d5	2.879	69	37673	22.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.240%
11) 1,1-Dichloroethene-d2	4.013	63	76245	20.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.480%
21) 2-Butanone-d5	7.080	46	32615	85.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.440%#
24) Chloroform-d	7.647	84	102561	24.753	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.305	65	56668	27.490	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.960%
32) Benzene-d6	8.275	84	188863	21.801	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.274	67	55186	23.420	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	10.323	98	187490	21.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	10.573	79	27127	26.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.160%
47) 2-Hexanone-d5	10.920	63	31832	92.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.840%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	65028	33.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.360%#
66) 1,2-Dichlorobenzene-d4	13.847	152	77611	22.985	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	13517	32.586	ug/L	98
3) Chloromethane	2.215	50	41235	22.032	ug/L	98
5) Vinyl chloride	2.361	62	62177	23.131	ug/L	99
6) Bromomethane	2.769	94	39793	17.409	ug/L	95
8) Chloroethane	2.916	64	31706	22.954	ug/L	97
9) Trichlorofluoromethane	3.257	101	35499	17.493	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	49450	22.999	ug/L	96
12) 1,1-Dichloroethene	4.038	96	43756	22.052	ug/L	94
13) Acetone	4.123	43	19830	55.805	ug/L	98
14) Carbon disulfide	4.385	76	112721	19.476	ug/L	99
15) Methyl Acetate	4.672	43	21729	33.439	ug/L	92
16) Methylene chloride	4.915	84	49868	24.031	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	49033	22.160	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	85284	30.060	ug/L	100
19) 1,1-Dichloroethane	6.214	63	79942	23.320	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	55781	24.567	ug/L	94
22) 2-Butanone	7.177	43	31662	68.819	ug/L	97
23) Bromochloromethane	7.513	128	28994	25.933	ug/L	95
25) Chloroform	7.677	83	94177	24.271	ug/L	95

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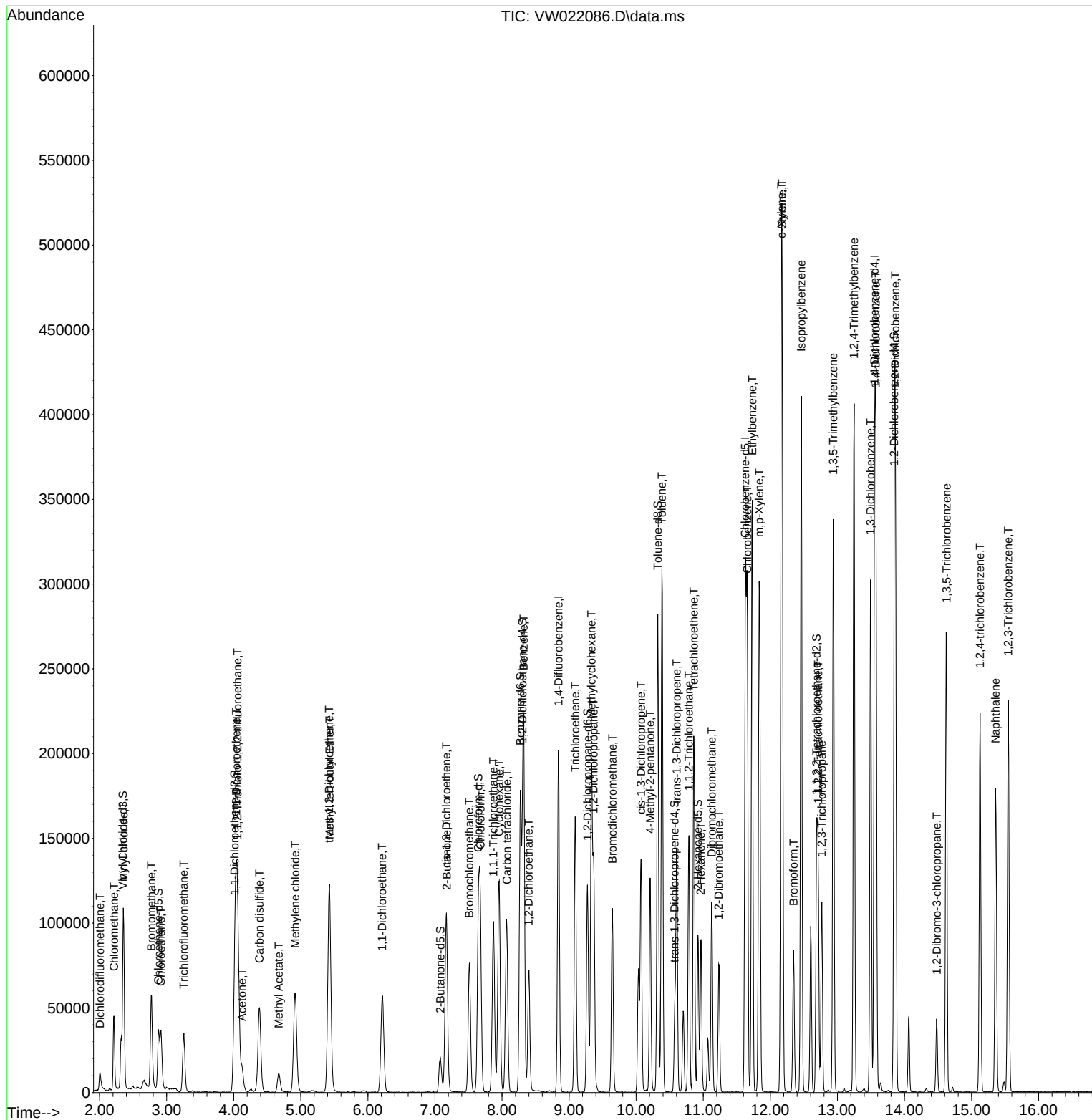
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	64406	28.198	ug/L	99
29) Cyclohexane	7.958	56	67155	19.956	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	80563	21.236	ug/L	99
31) Carbon tetrachloride	8.073	117	79731	21.472	ug/L	98
33) Benzene	8.323	78	195655	21.768	ug/L	100
34) Trichloroethene	9.091	95	54220	21.217	ug/L	100
35) Methylcyclohexane	9.335	83	83158	19.289	ug/L	99
37) 1,2-Dichloropropane	9.366	63	47946	24.288	ug/L	100
38) Bromodichloromethane	9.646	83	70537	25.021	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	81527	25.749	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	74918	77.351	ug/L	98
42) Toluene	10.384	91	233749	22.943	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	76274	27.945	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	46780	27.881	ug/L	98
46) Tetrachloroethene	10.859	164	48462	20.345	ug/L	89
48) 2-Hexanone	10.963	43	54611	75.754	ug/L	97
49) Dibromochloromethane	11.128	129	60217	28.500	ug/L	95
50) 1,2-Dibromoethane	11.231	107	50426	30.355	ug/L	97
51) Chlorobenzene	11.658	112	158995	22.930	ug/L	95
52) Ethylbenzene	11.731	91	249644	22.208	ug/L	100
53) m,p-Xylene	11.835	106	103754	22.246	ug/L	99
54) o-Xylene	12.164	106	100466	23.027	ug/L	98
55) Styrene	12.176	104	169283	24.021	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	60742	33.259	ug/L	98
59) Bromoform	12.347	173	36817	29.783	ug/L #	96
60) Isopropylbenzene	12.463	105	264590	21.636	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	44872	32.908	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	181859	22.423	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	223180	22.586	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	131294	22.409	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	129144	22.020	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	123916	23.796	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	10225	36.858	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	84298	20.012	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	70695	21.128	ug/L	97
71) Naphthalene	15.359	128	158046	28.951	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	64195	22.447	ug/L	96

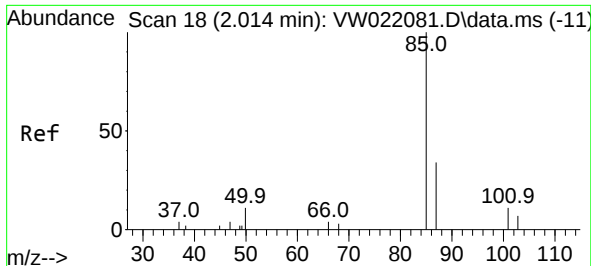
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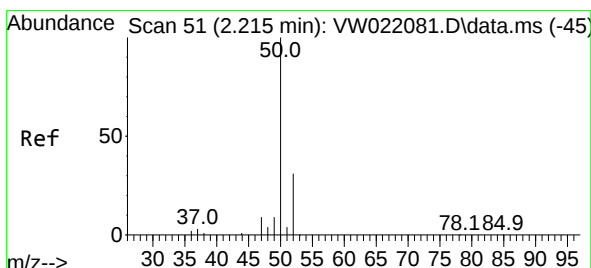
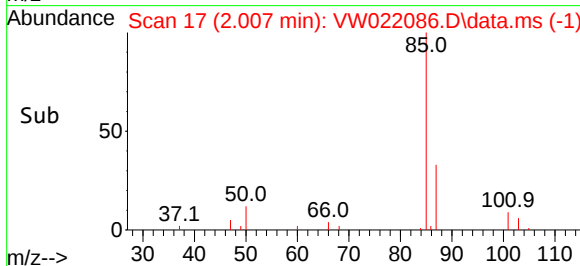
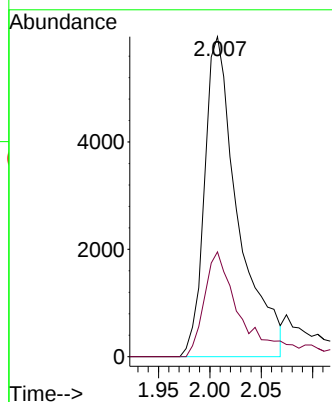
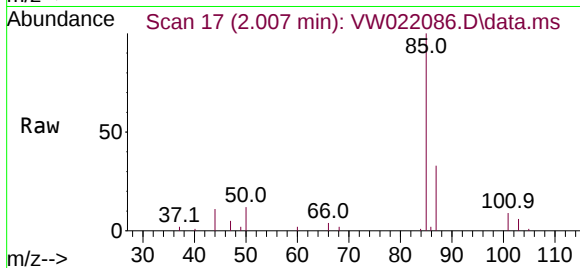




#2
 Dichlorodifluoromethane
 Concen: 32.586 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW022086.D
 Acq: 21 Feb 2022 14:26

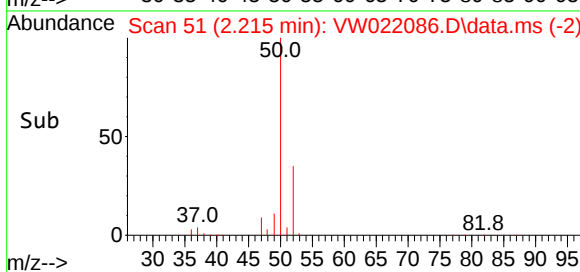
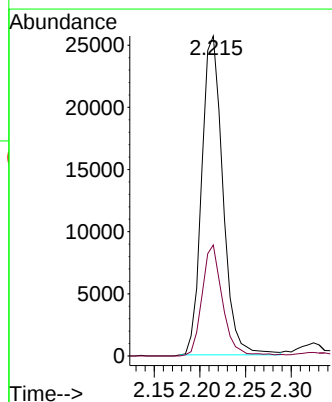
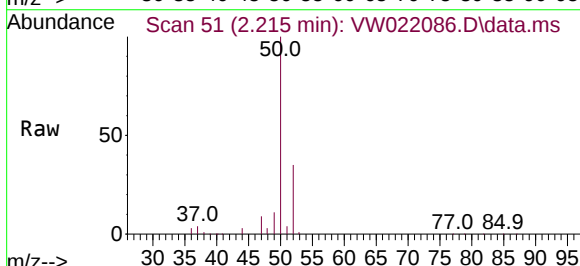
Instrument :
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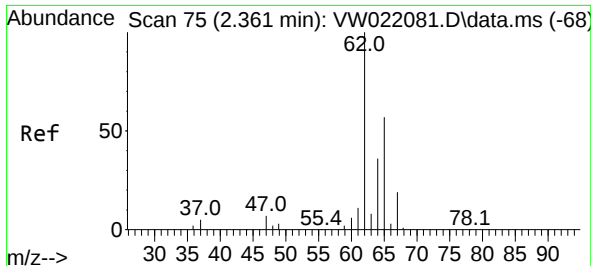
Tgt Ion: 85 Resp: 13517
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.2 39.4



#3
 Chloromethane
 Concen: 22.032 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022086.D
 Acq: 21 Feb 2022 14:26

Tgt Ion: 50 Resp: 41235
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.3 43.3

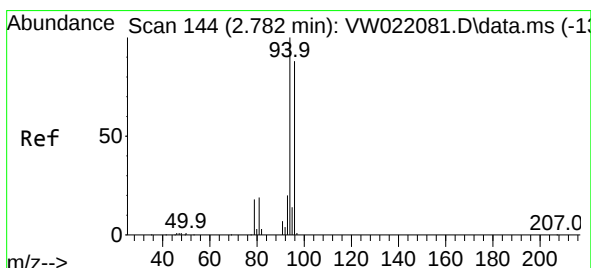
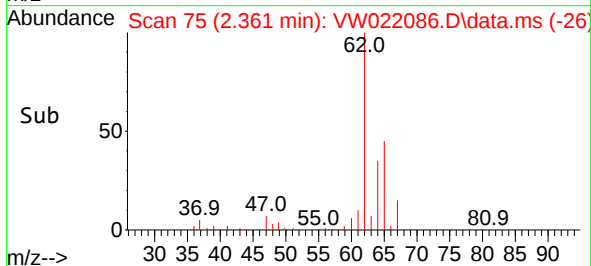
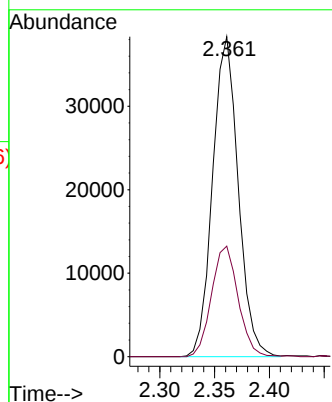
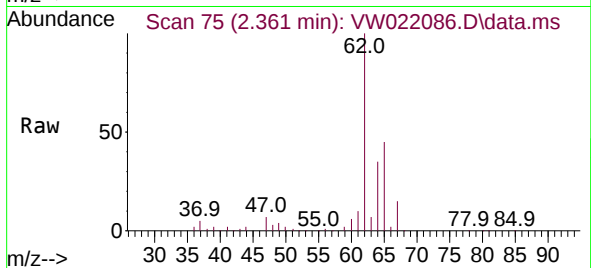




#5
 Vinyl chloride
 Concen: 23.131 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022086.D
 Acq: 21 Feb 2022 14:26

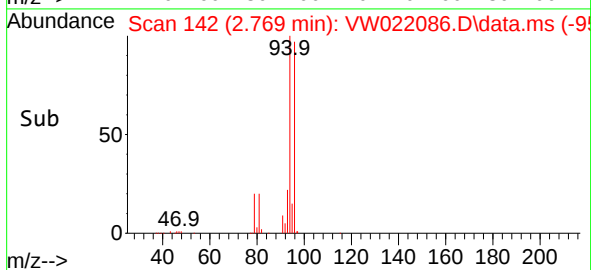
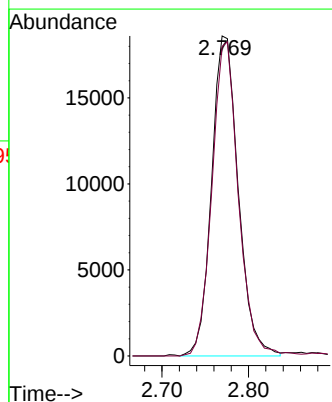
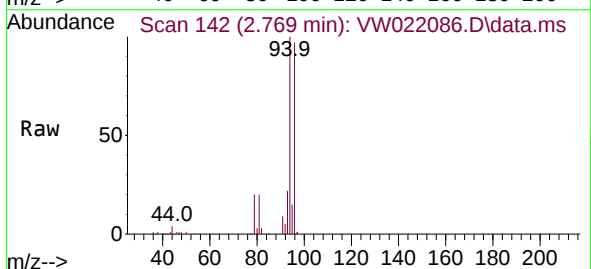
Instrument :
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 ClientSampleId :
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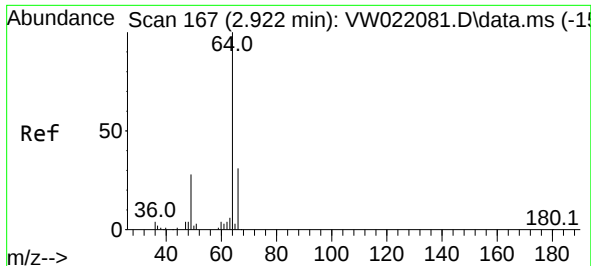
Tgt Ion: 62 Resp: 62177
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.6 45.6



#6
 Bromomethane
 Concen: 17.409 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW022086.D
 Acq: 21 Feb 2022 14:26

Tgt Ion: 94 Resp: 39793
 Ion Ratio Lower Upper
 94 100
 96 96.7 64.6 120.0

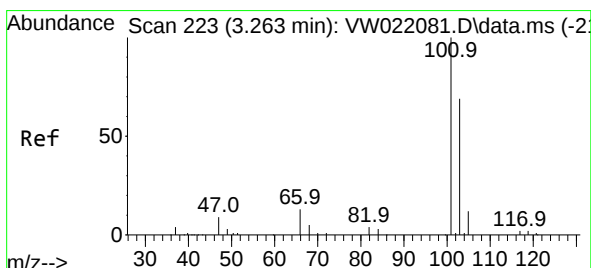
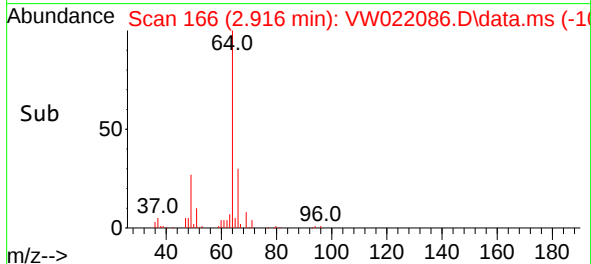
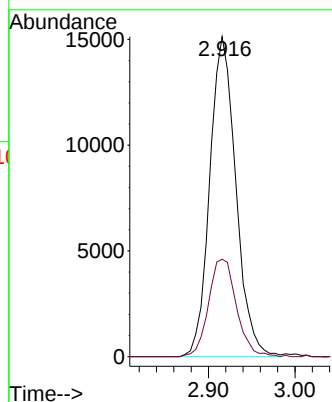
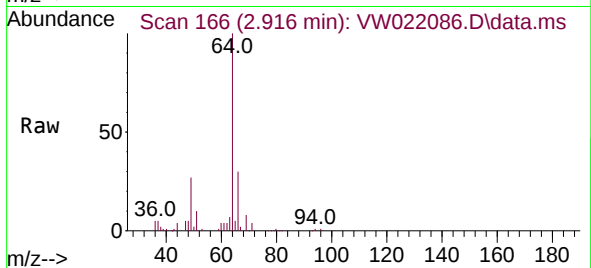




#8
Chloroethane
Concen: 22.954 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

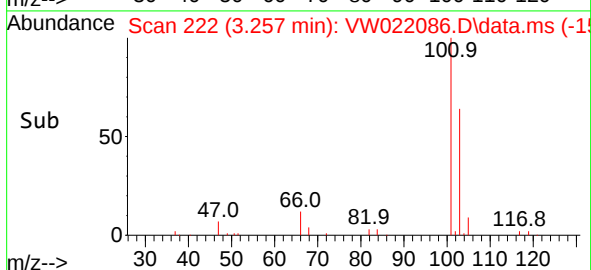
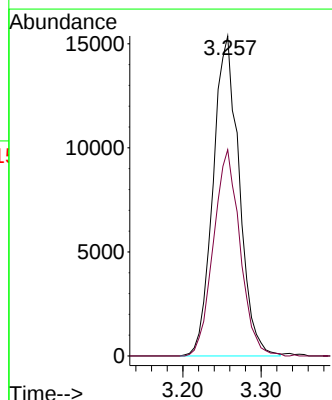
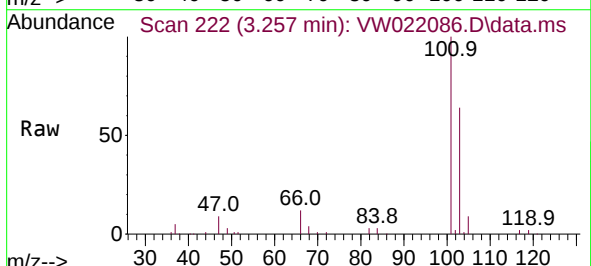
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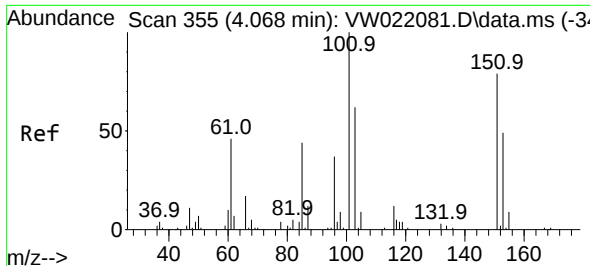
Tgt Ion: 64 Resp: 31706
Ion Ratio Lower Upper
64 100
66 30.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 17.493 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 101 Resp: 35499
Ion Ratio Lower Upper
101 100
103 65.7 52.9 79.3

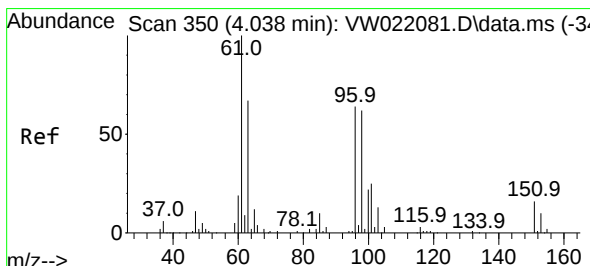
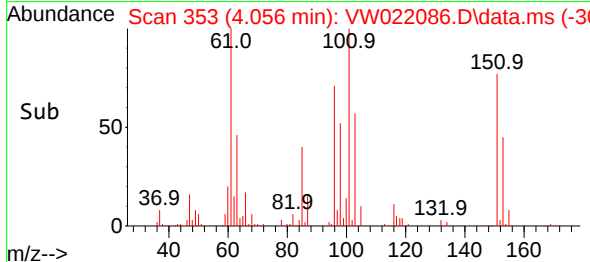
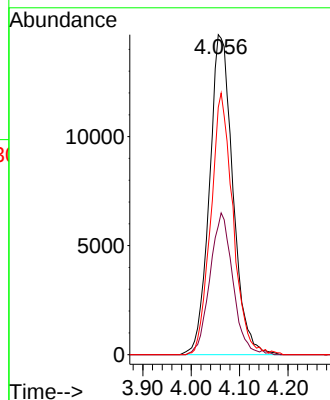
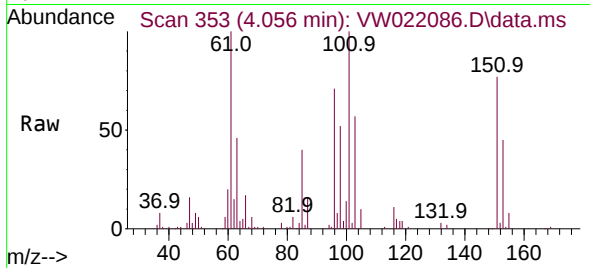




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.999 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW022086.D
 Acq: 21 Feb 2022 14:26

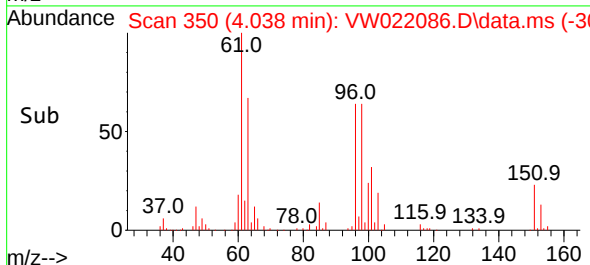
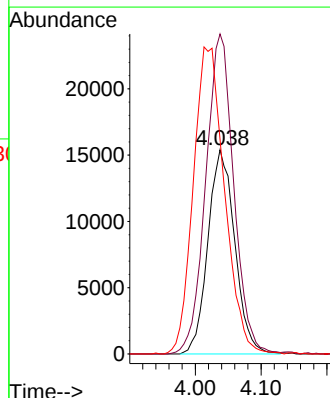
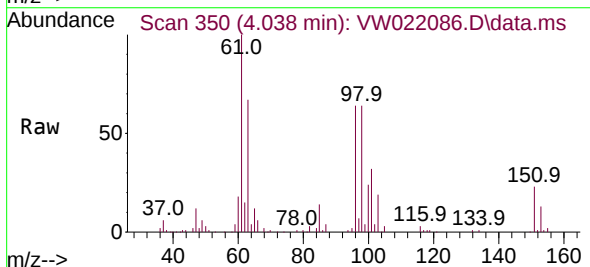
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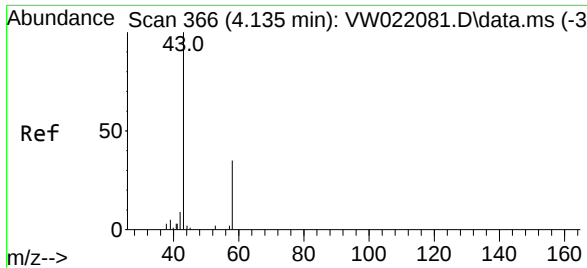
Tgt Ion:101 Resp: 49450
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.8 55.2
 151 77.2 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 22.052 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022086.D
 Acq: 21 Feb 2022 14:26

Tgt Ion: 96 Resp: 43756
 Ion Ratio Lower Upper
 96 100
 61 156.8 111.5 207.1
 63 105.1 83.1 154.3

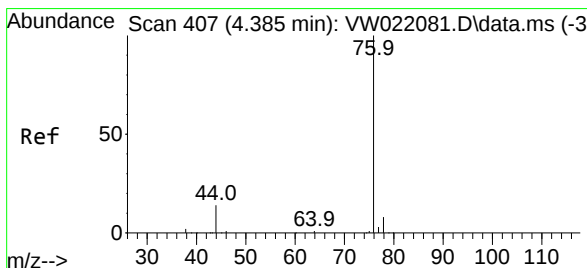
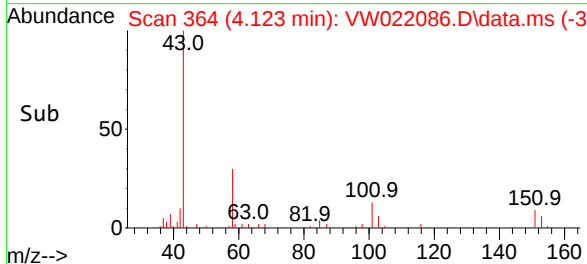
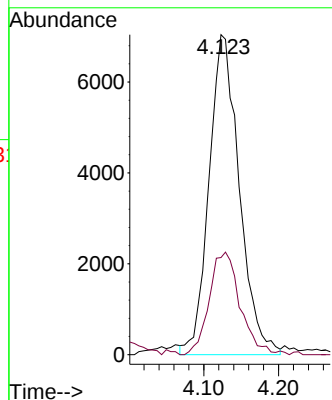
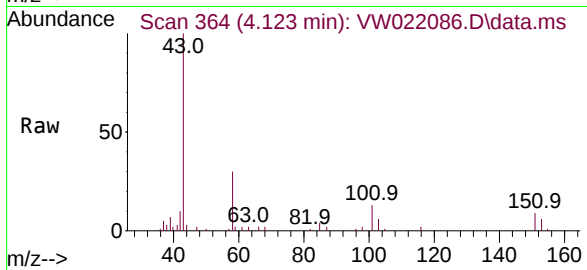




#13
Acetone
Concen: 55.805 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
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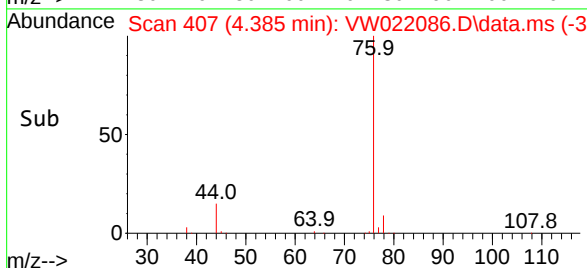
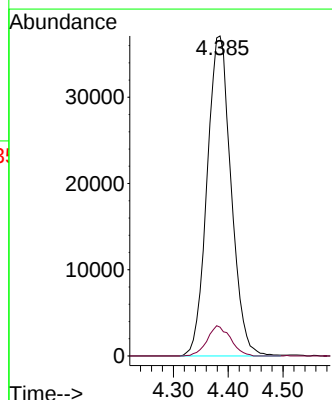
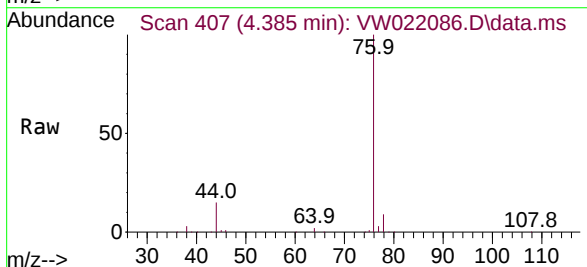
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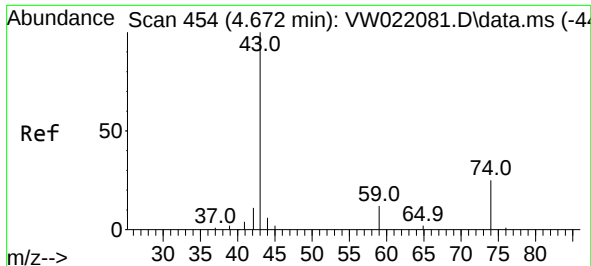
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Ion Ratio Lower Upper
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58 31.9 0.0 66.0



#14
Carbon disulfide
Concen: 19.476 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 76 Resp: 112721
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

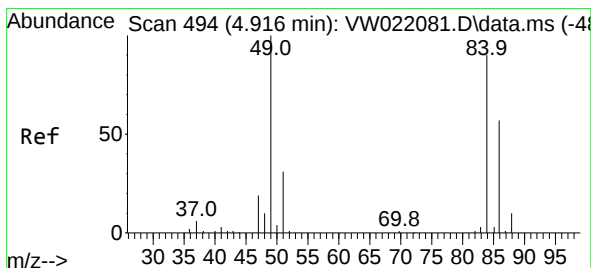
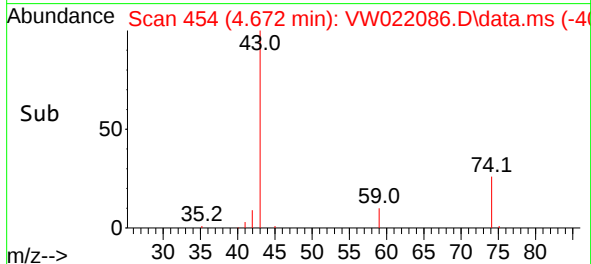
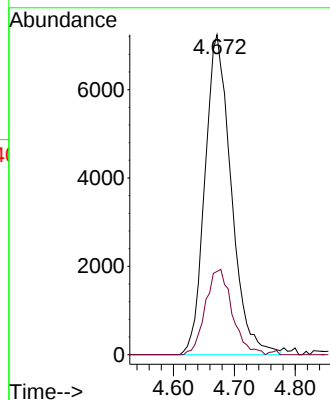
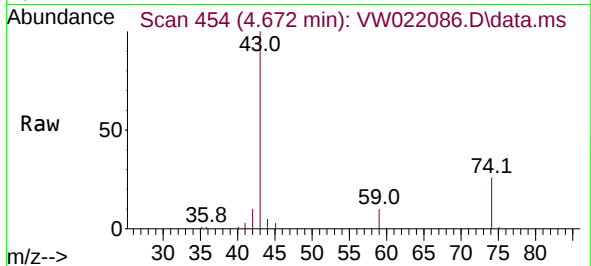




#15
Methyl Acetate
Concen: 33.439 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

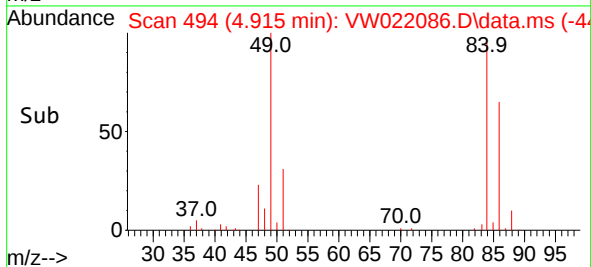
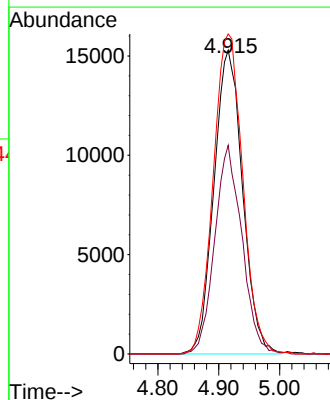
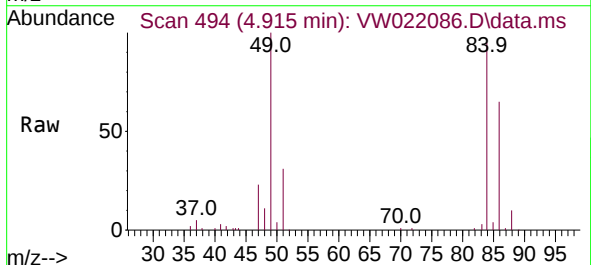
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

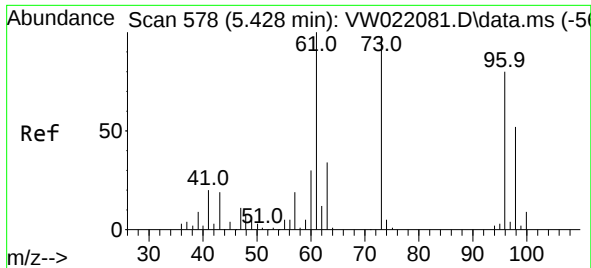
Tgt Ion: 43 Resp: 21729
Ion Ratio Lower Upper
43 100
74 26.5 18.0 27.0



#16
Methylene chloride
Concen: 24.031 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 84 Resp: 49868
Ion Ratio Lower Upper
84 100
86 68.7 44.1 81.9
49 105.3 74.7 138.7

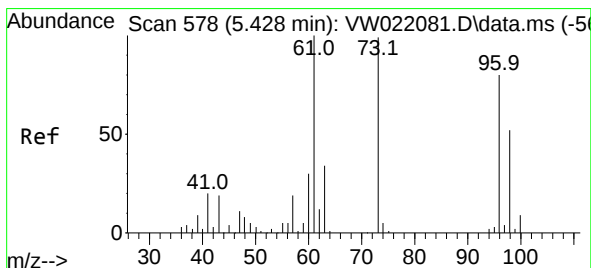
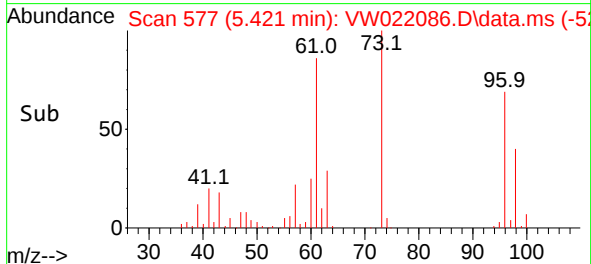
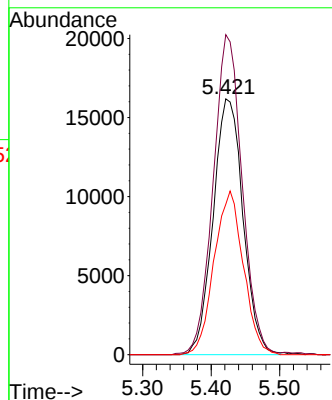
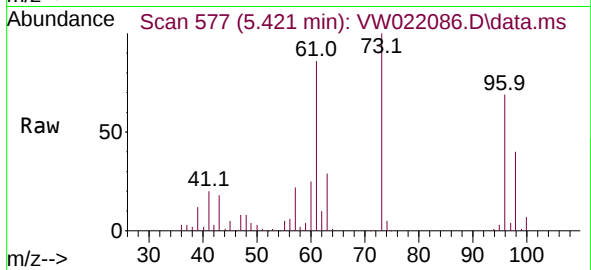




#17
trans-1,2-Dichloroethene
Concen: 22.160 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

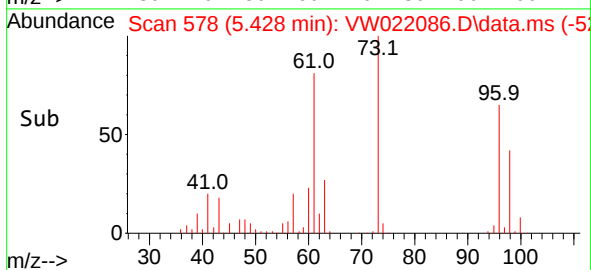
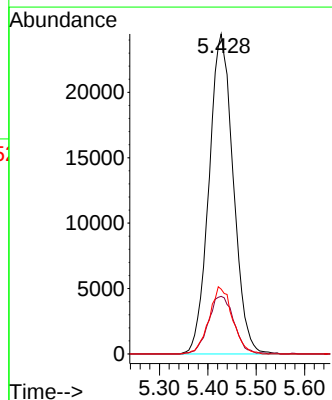
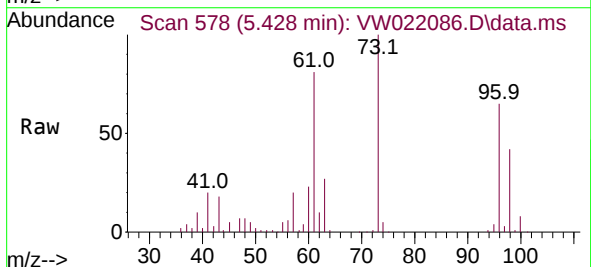
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

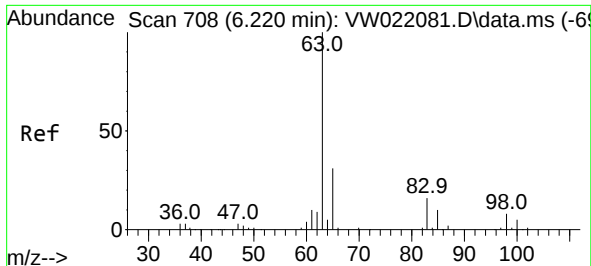
Tgt Ion: 96 Resp: 49033
Ion Ratio Lower Upper
96 100
61 125.0 84.3 156.5
98 58.8 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 30.060 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 73 Resp: 85284
Ion Ratio Lower Upper
73 100
43 19.0 15.3 22.9
57 20.3 16.3 24.5





#19

1,1-Dichloroethane

Concen: 23.320 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

GBD34MSD

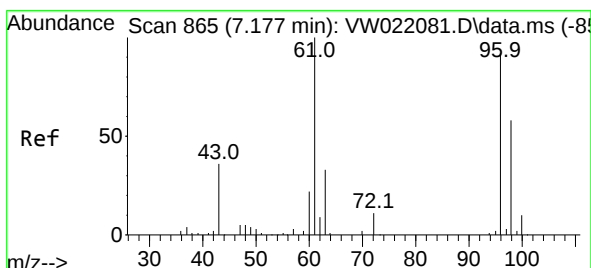
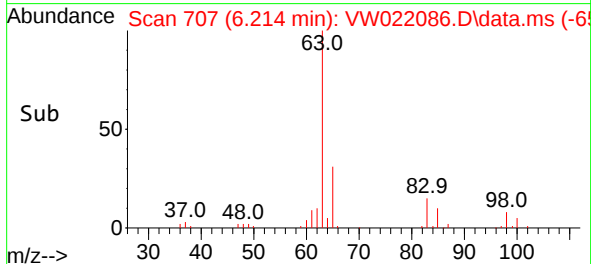
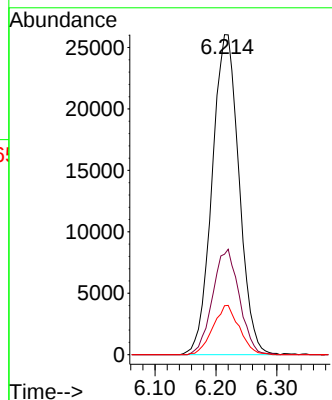
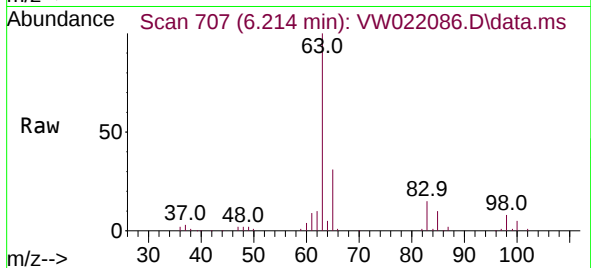
Tgt Ion: 63 Resp: 79942

Ion Ratio Lower Upper

63 100

65 31.4 20.9 38.7

83 15.3 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.567 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

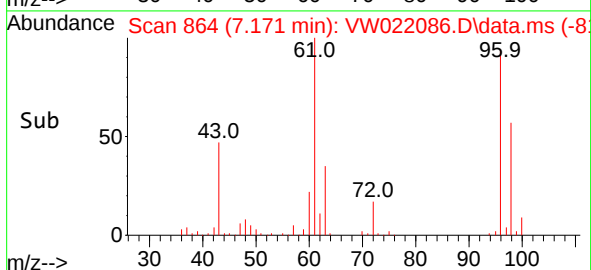
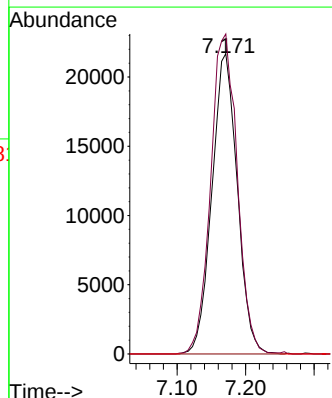
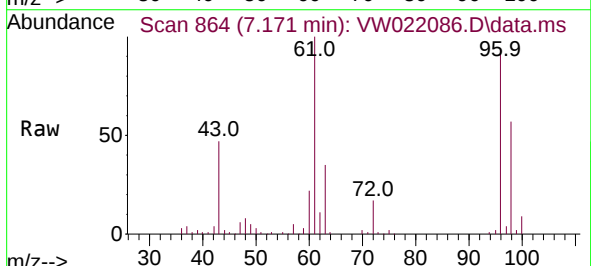
Tgt Ion: 96 Resp: 55781

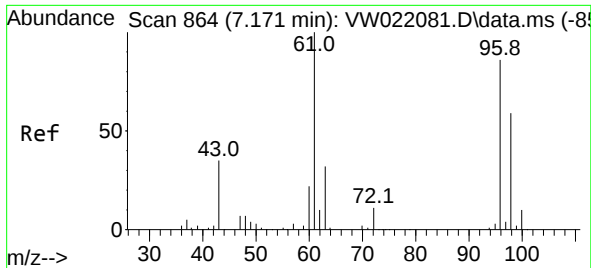
Ion Ratio Lower Upper

96 100

61 106.6 79.0 146.8

68 0.0 0.0 0.0

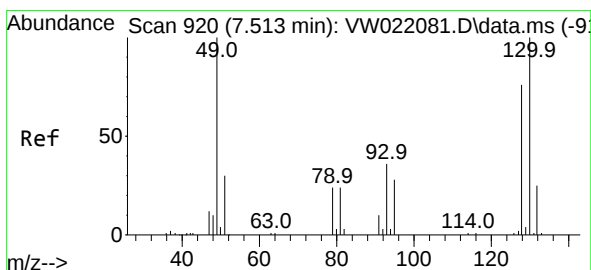
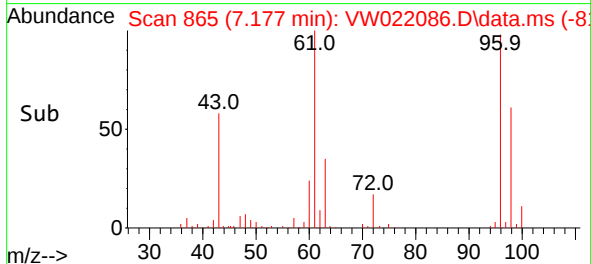
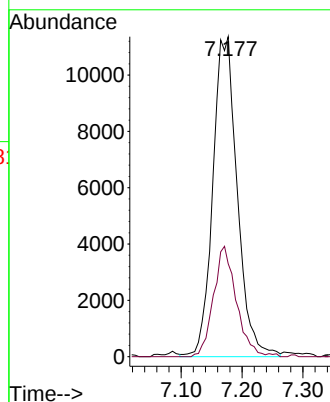
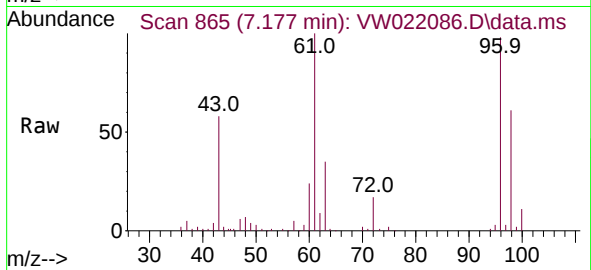




#22
2-Butanone
Concen: 68.819 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

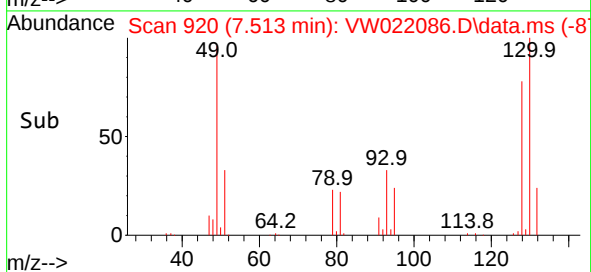
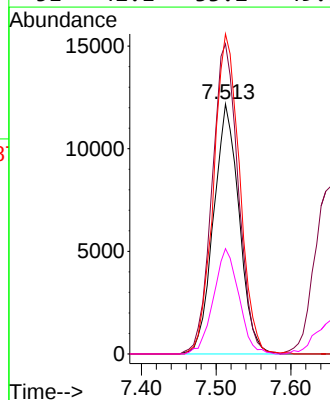
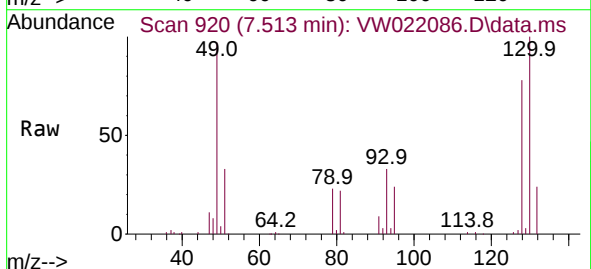
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

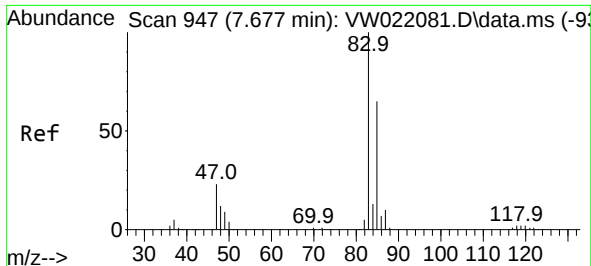
Tgt Ion: 43 Resp: 31662
Ion Ratio Lower Upper
43 100
72 32.0 16.8 50.4



#23
Bromochloromethane
Concen: 25.933 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 128 Resp: 28994
Ion Ratio Lower Upper
128 100
49 124.1 92.7 172.3
130 128.1 92.5 171.7
51 42.1 33.2 49.8





#25

Chloroform

Concen: 24.271 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

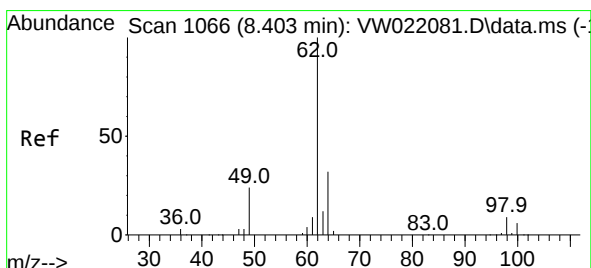
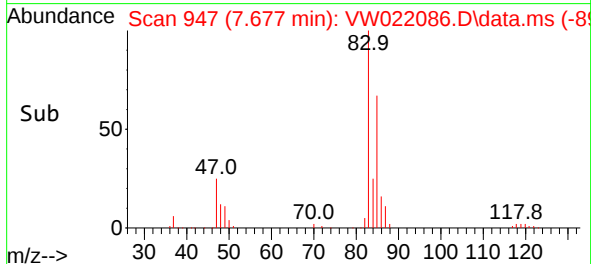
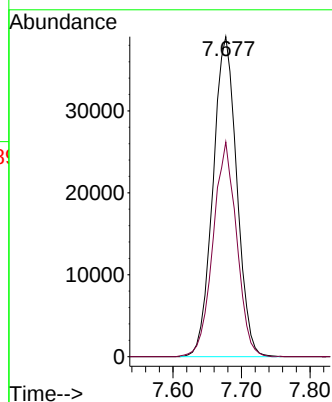
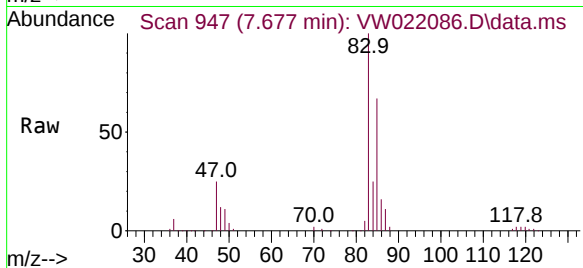
GBD34MSD

Tgt Ion: 83 Resp: 94177

Ion Ratio Lower Upper

83 100

85 67.1 44.2 82.2



#27

1,2-Dichloroethane

Concen: 28.198 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW022086.D

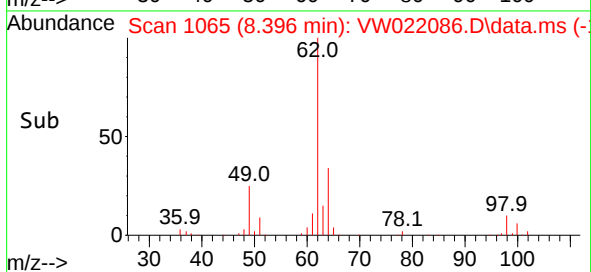
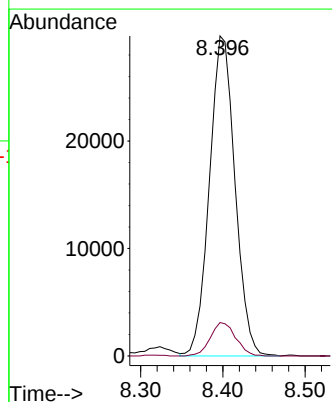
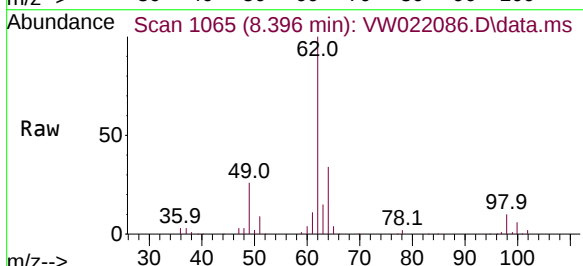
Acq: 21 Feb 2022 14:26

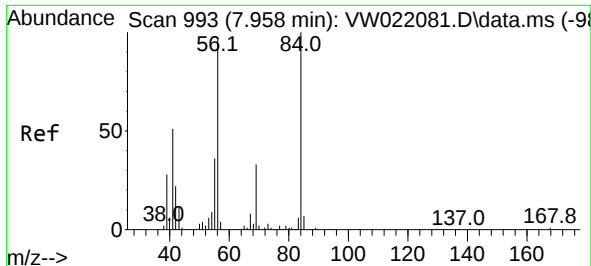
Tgt Ion: 62 Resp: 64406

Ion Ratio Lower Upper

62 100

98 10.5 8.8 13.2





#29

Cyclohexane

Concen: 19.956 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

GBD34MSD

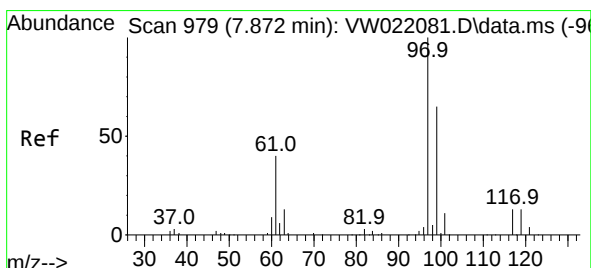
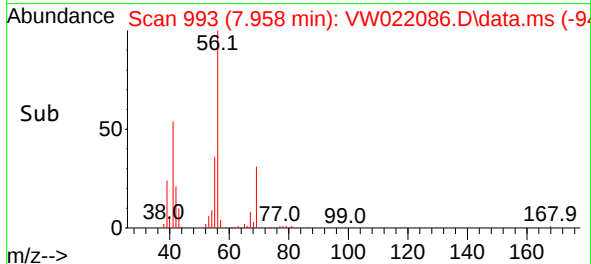
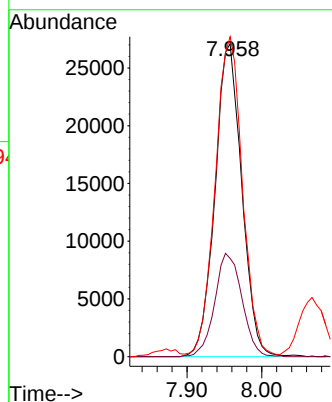
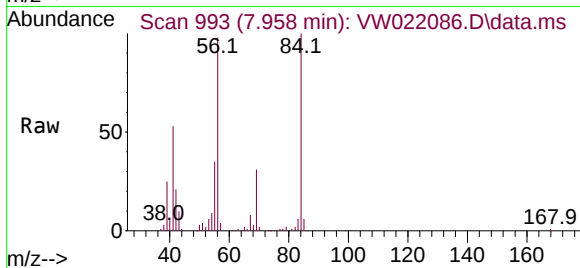
Tgt Ion: 56 Resp: 67155

Ion Ratio Lower Upper

56 100

69 33.7 26.3 39.5

84 104.7 82.3 123.5



#30

1,1,1-Trichloroethane

Concen: 21.236 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

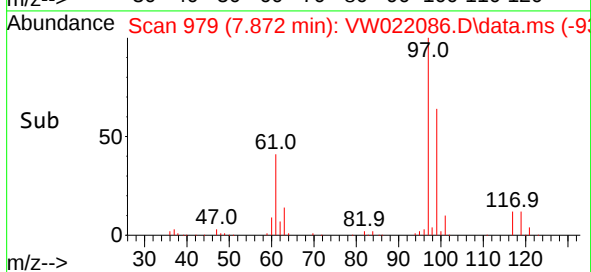
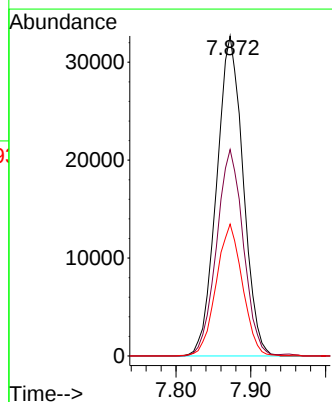
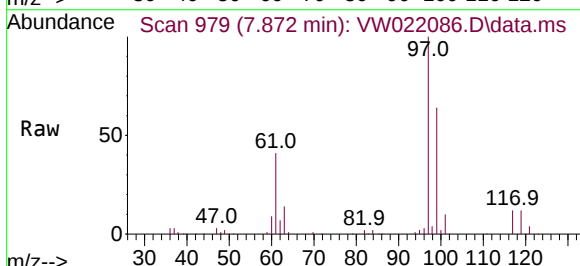
Tgt Ion: 97 Resp: 80563

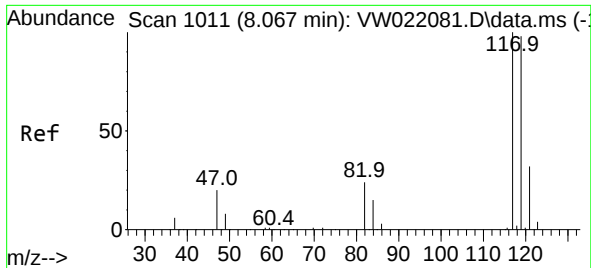
Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

61 40.9 32.3 48.5

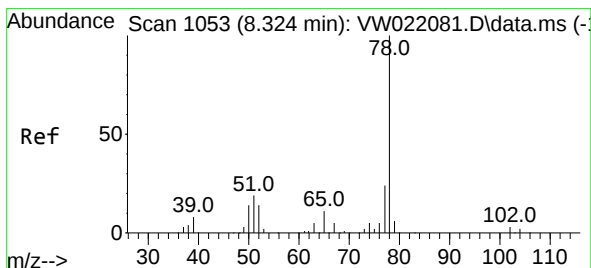
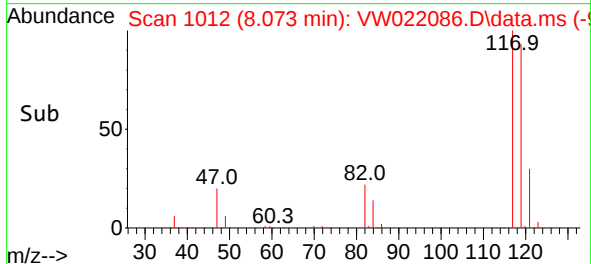
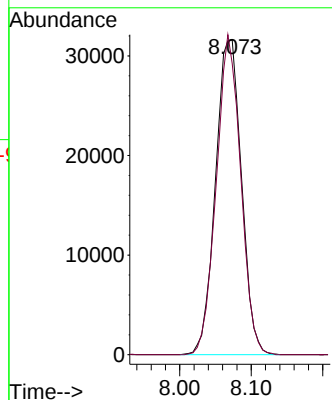
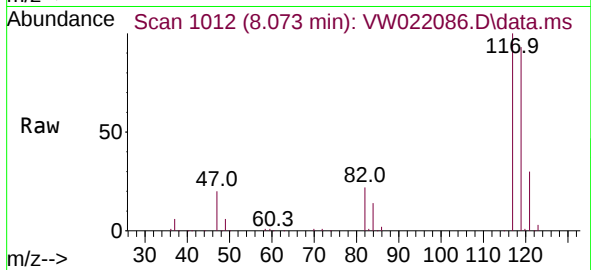




#31
Carbon tetrachloride
Concen: 21.472 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

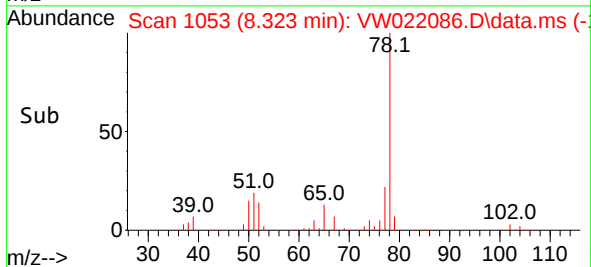
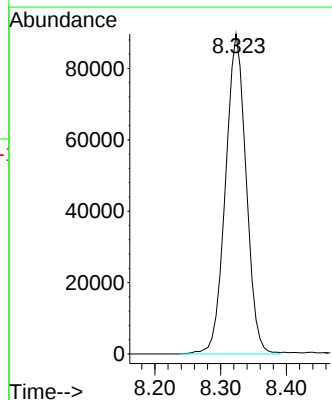
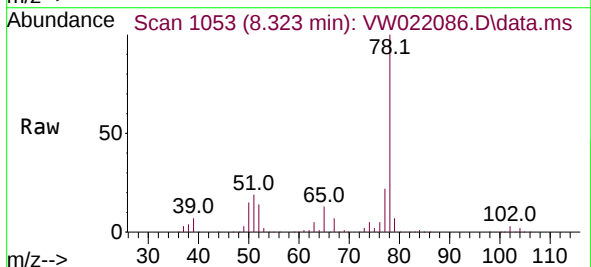
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

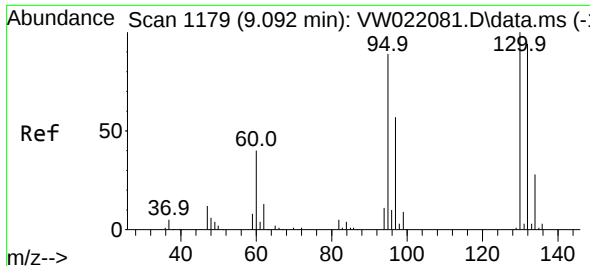
Tgt Ion:117 Resp: 79731
Ion Ratio Lower Upper
117 100
119 95.2 74.7 112.1



#33
Benzene
Concen: 21.768 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 78 Resp: 195655

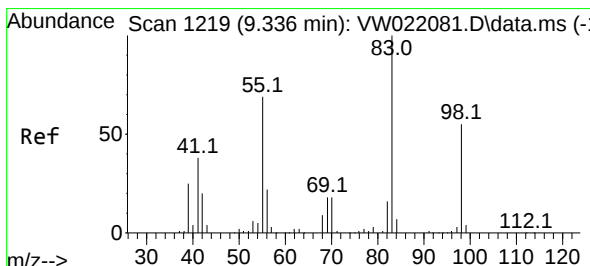
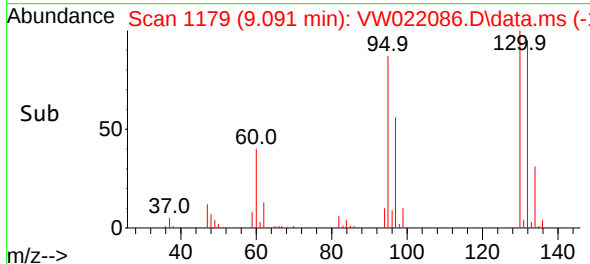
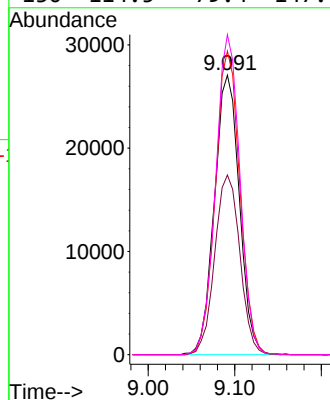
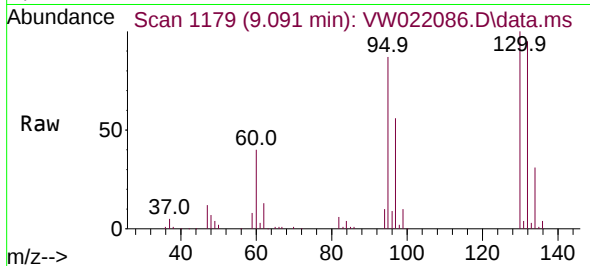




#34
Trichloroethene
Concen: 21.217 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

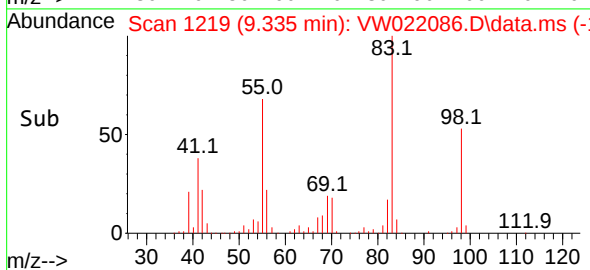
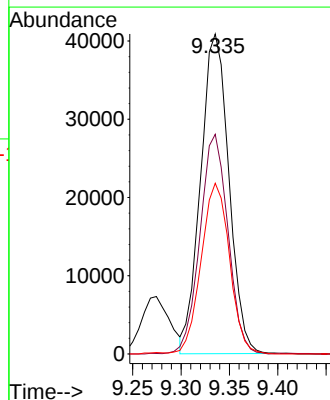
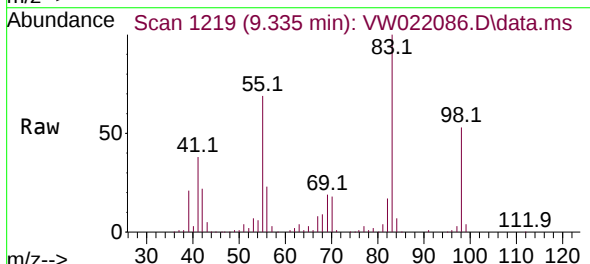
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

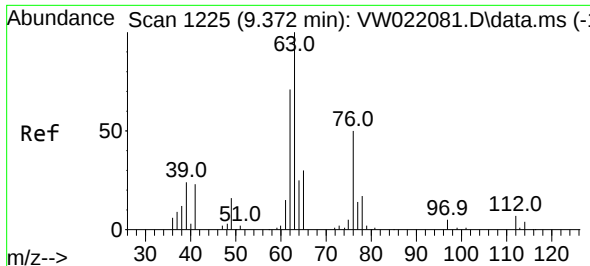
Tgt Ion: 95 Resp: 54220
Ion Ratio Lower Upper
95 100
97 64.3 45.1 83.7
132 108.6 76.1 141.3
130 114.5 79.4 147.4



#35
Methylcyclohexane
Concen: 19.289 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 83 Resp: 83158
Ion Ratio Lower Upper
83 100
55 68.1 53.4 80.2
98 53.6 42.6 63.8





#37

1,2-Dichloropropane

Concen: 24.288 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

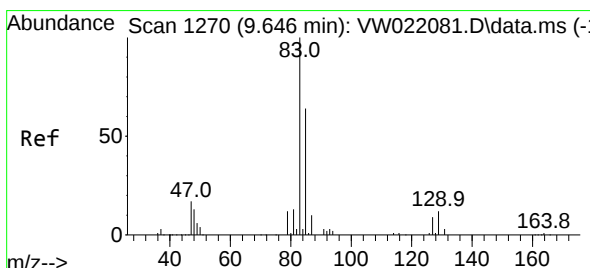
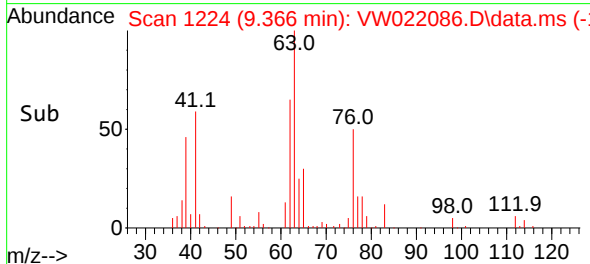
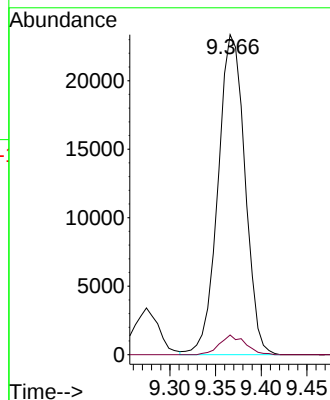
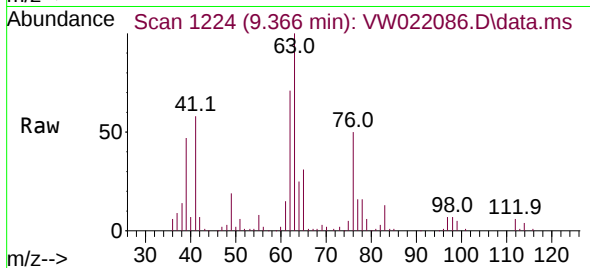
GBD34MSD

Tgt Ion: 63 Resp: 47946

Ion Ratio Lower Upper

63 100

112 5.8 4.7 7.1



#38

Bromodichloromethane

Concen: 25.021 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

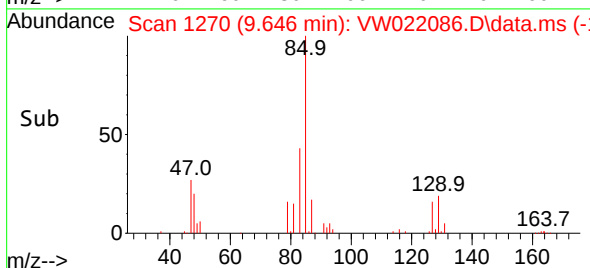
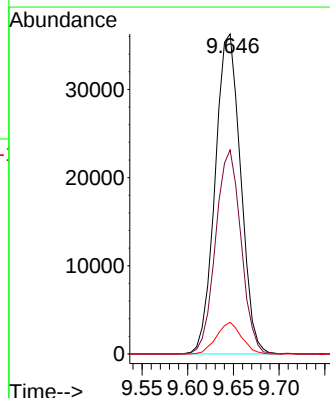
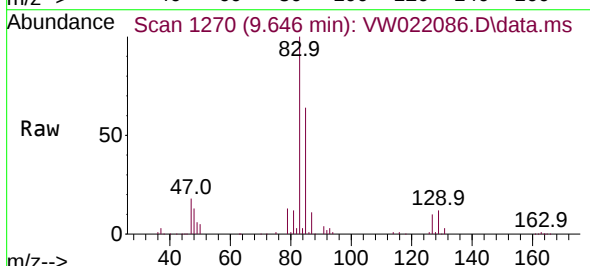
Tgt Ion: 83 Resp: 70537

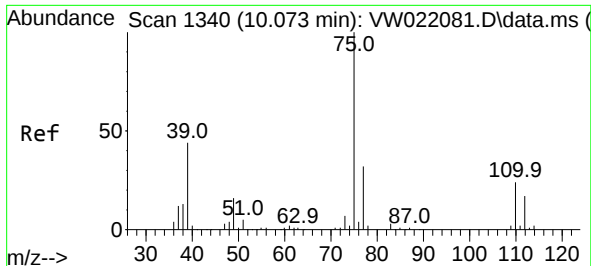
Ion Ratio Lower Upper

83 100

85 63.8 44.7 83.1

127 9.9 7.8 11.6

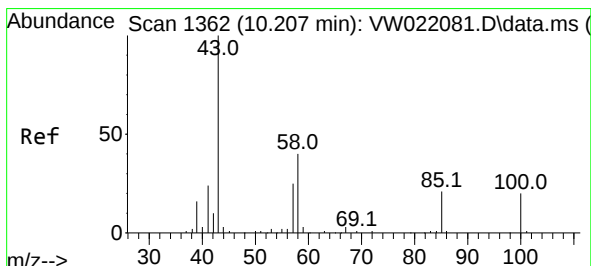
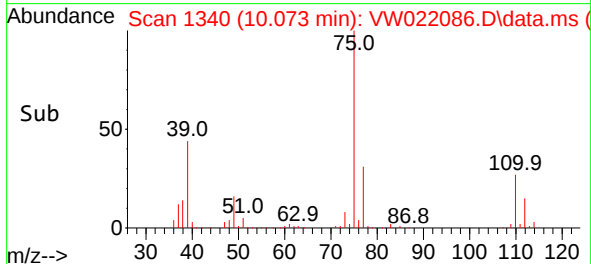
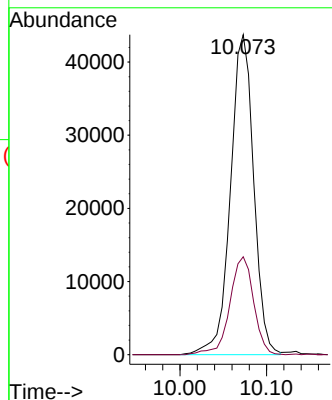
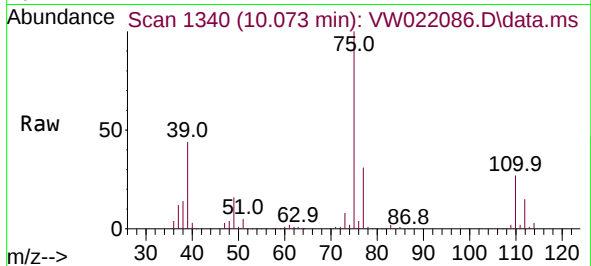




#39
 cis-1,3-Dichloropropene
 Concen: 25.749 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW022086.D
 Acq: 21 Feb 2022 14:26

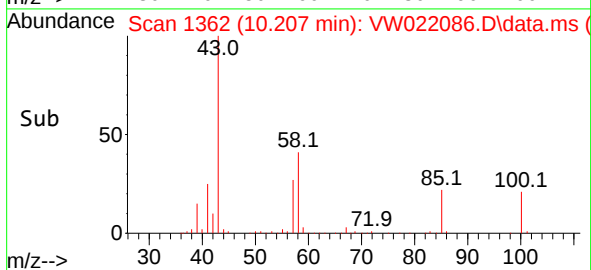
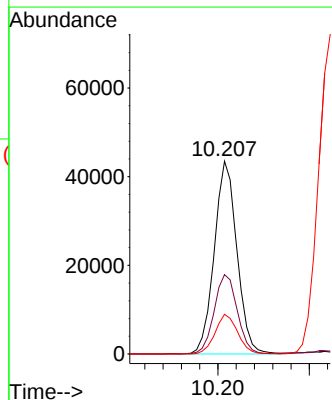
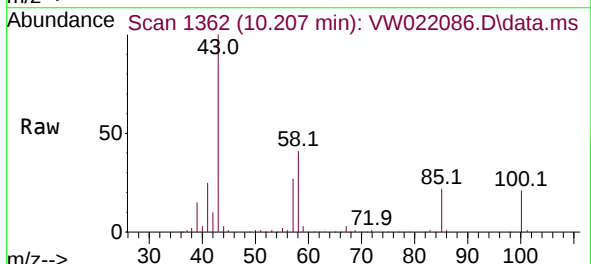
Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MSD

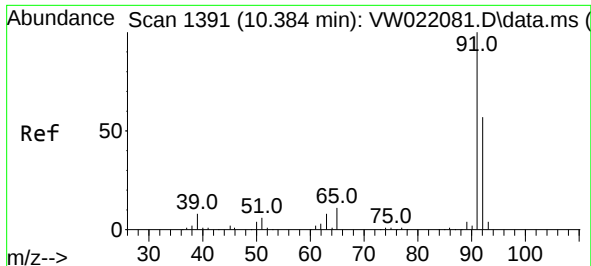
Tgt Ion: 75 Resp: 81527
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 77.351 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW022086.D
 Acq: 21 Feb 2022 14:26

Tgt Ion: 43 Resp: 74918
 Ion Ratio Lower Upper
 43 100
 58 41.9 34.4 51.6
 100 20.4 17.0 25.4

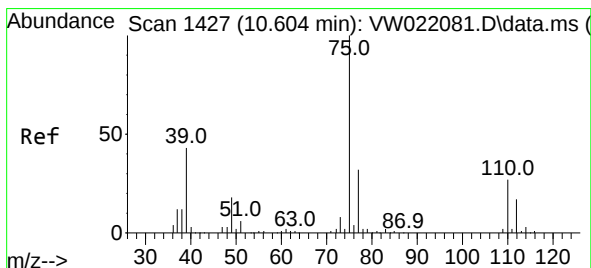
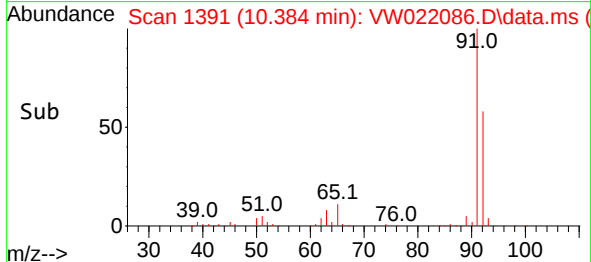
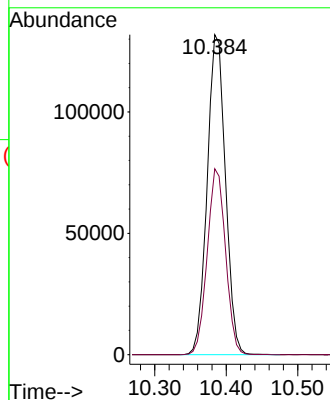
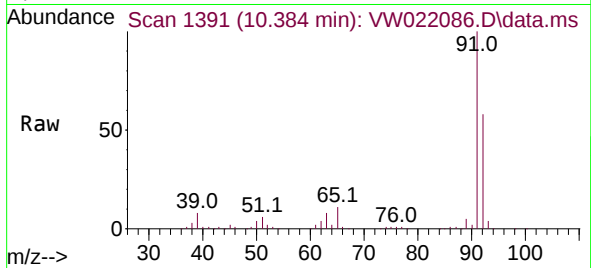




#42
Toluene
Concen: 22.943 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

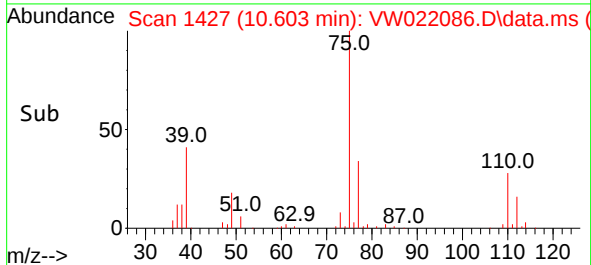
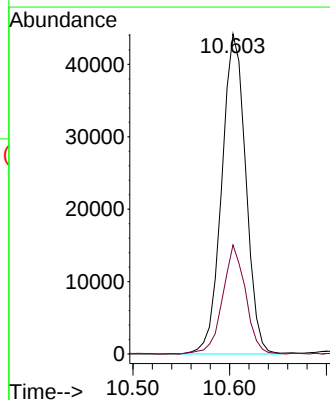
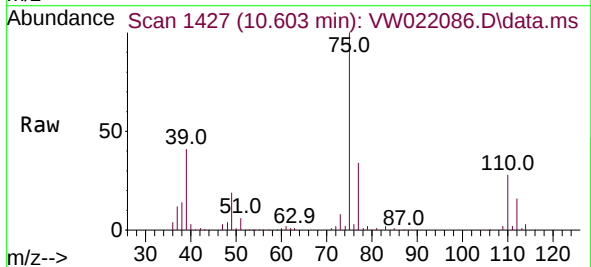
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

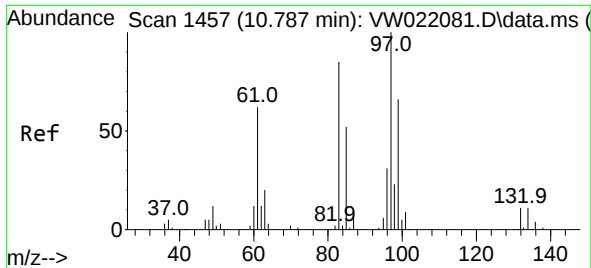
Tgt Ion: 91 Resp: 233749
Ion Ratio Lower Upper
91 100
92 58.1 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 27.945 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 75 Resp: 76274
Ion Ratio Lower Upper
75 100
77 34.1 22.1 41.1

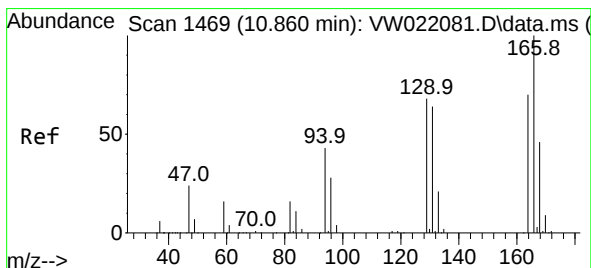
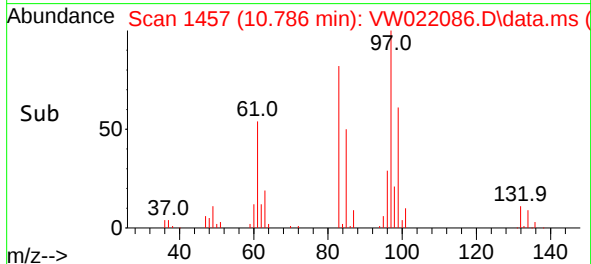
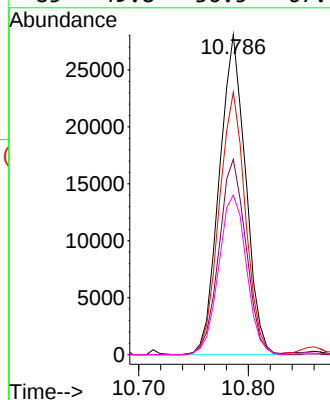
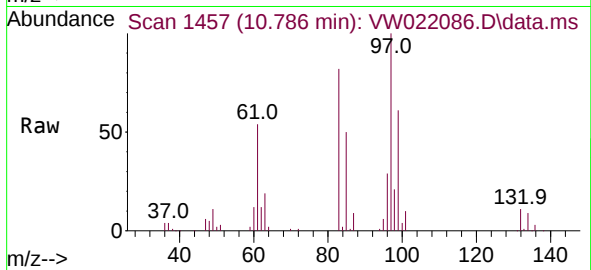




#45
1,1,2-Trichloroethane
Concen: 27.881 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

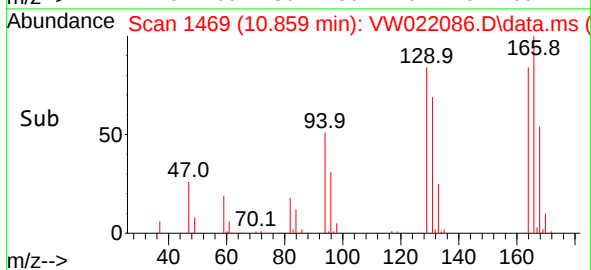
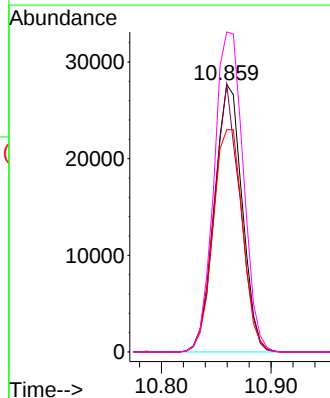
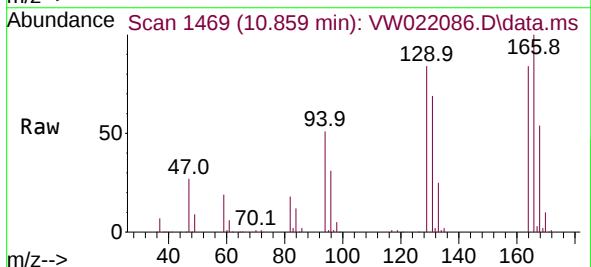
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

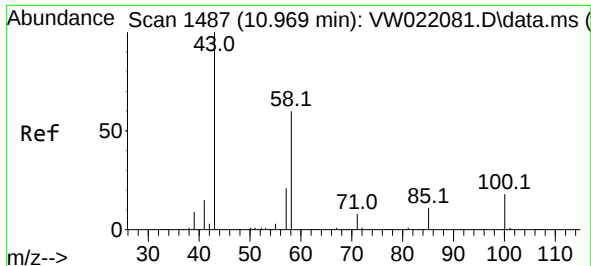
Tgt Ion:	97	Resp:	46780
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.8	81.4
83	82.1	56.1	104.3
85	49.8	36.5	67.7



#46
Tetrachloroethene
Concen: 20.345 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion:	164	Resp:	48462
Ion	Ratio	Lower	Upper
164	100		
129	100.2	62.6	116.2
131	83.1	67.1	124.7
166	119.6	91.1	169.1

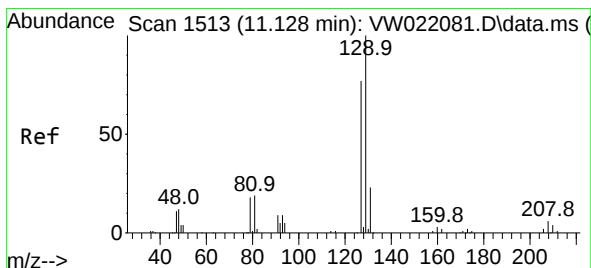
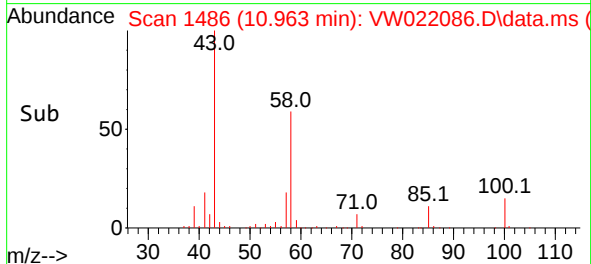
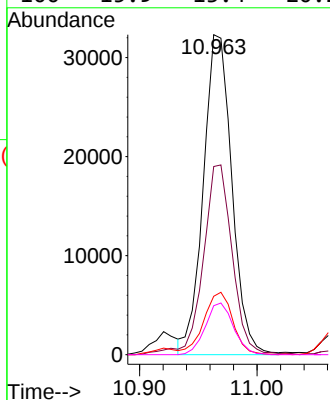
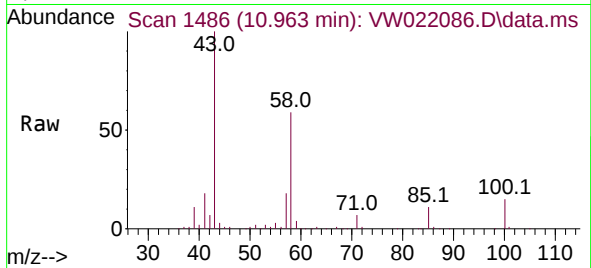




#48
2-Hexanone
Concen: 75.754 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

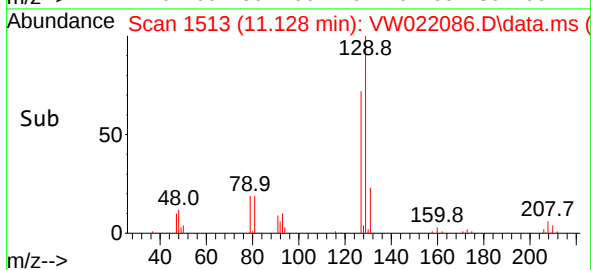
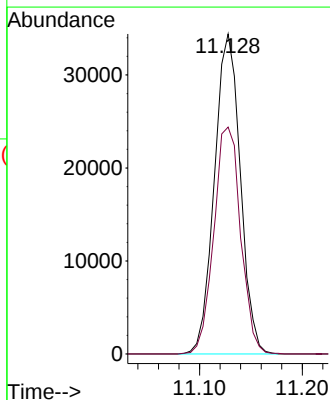
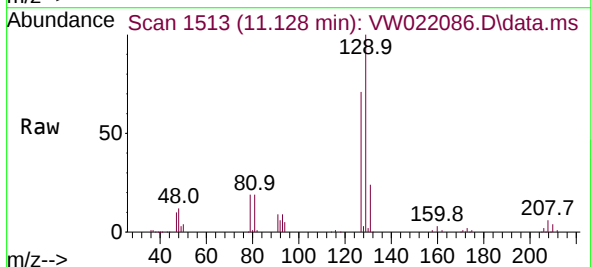
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

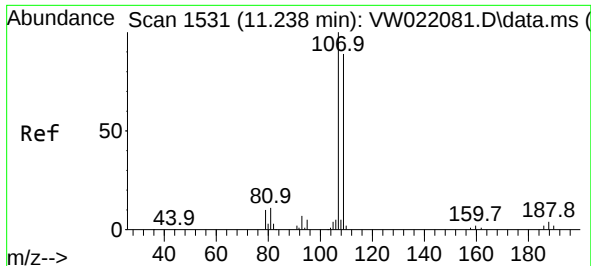
Tgt Ion: 43	Resp: 54611
Ion Ratio	Lower Upper
43 100	
58 58.7	49.2 73.8
57 19.9	16.6 24.8
100 15.9	13.4 20.2



#49
Dibromochloromethane
Concen: 28.500 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion:129	Resp: 60217		
Ion Ratio	Lower	Upper	
129 100			
127 70.9	52.6	97.6	





#50

1,2-Dibromoethane

Concen: 30.355 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

GBD34MSD

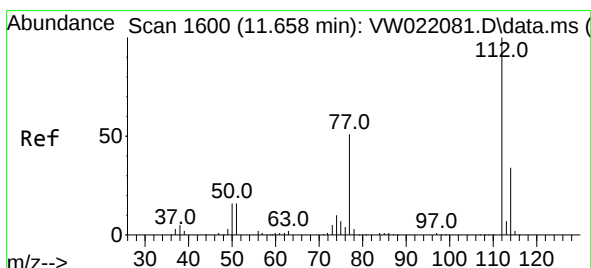
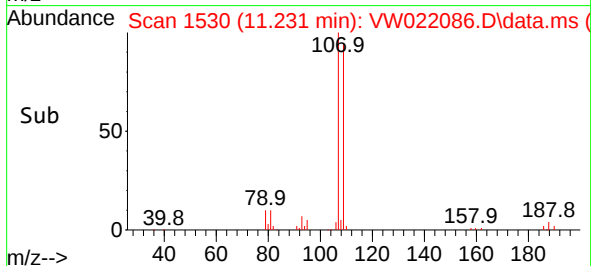
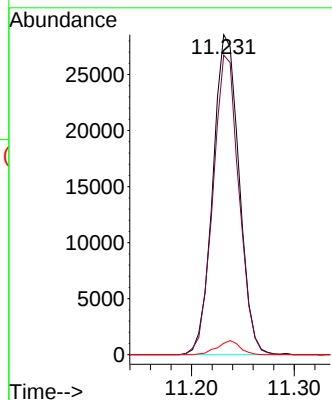
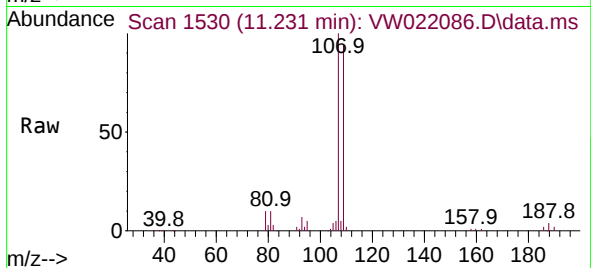
Tgt Ion:107 Resp: 50426

Ion Ratio Lower Upper

107 100

109 93.6 68.0 126.2

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 22.930 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

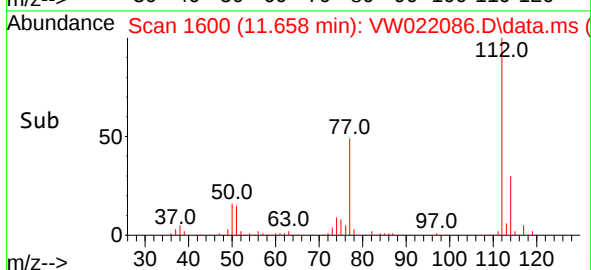
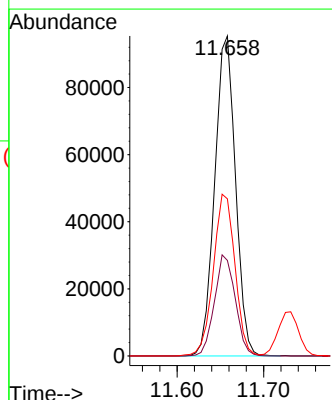
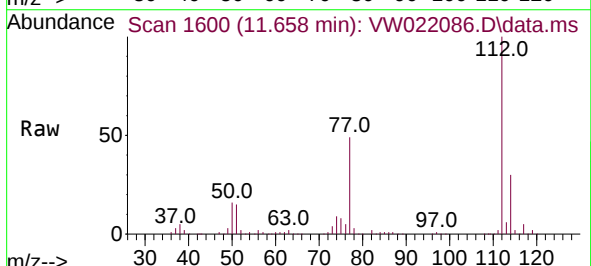
Tgt Ion:112 Resp: 158995

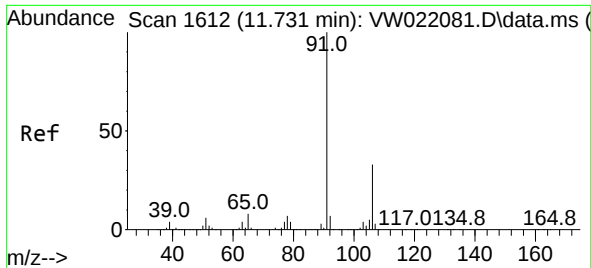
Ion Ratio Lower Upper

112 100

114 29.8 21.5 39.9

77 49.1 43.6 65.4

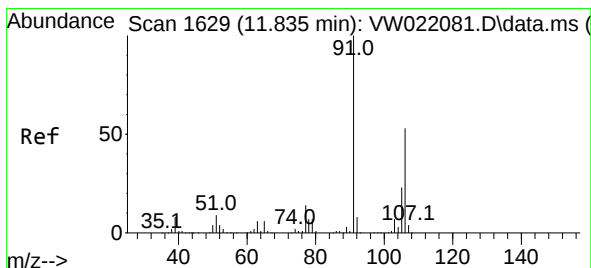
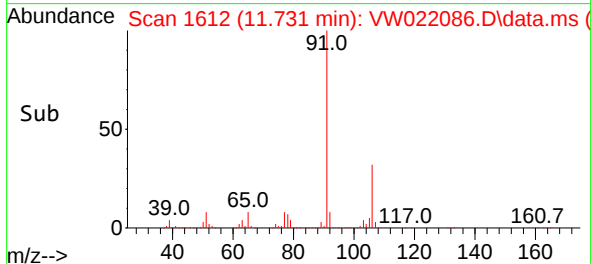
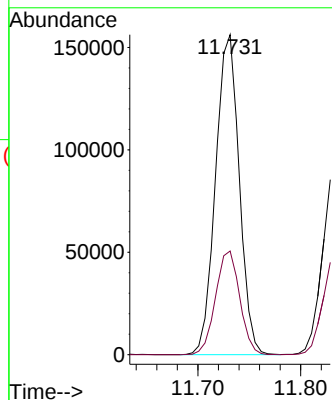
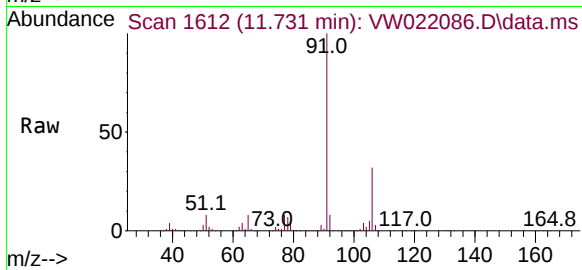




#52
Ethylbenzene
Concen: 22.208 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

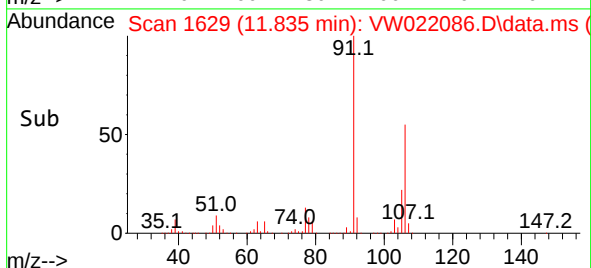
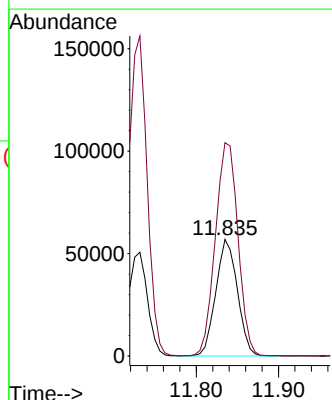
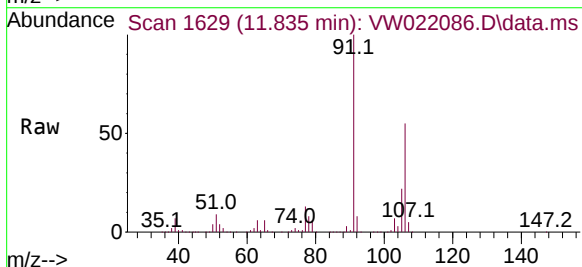
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

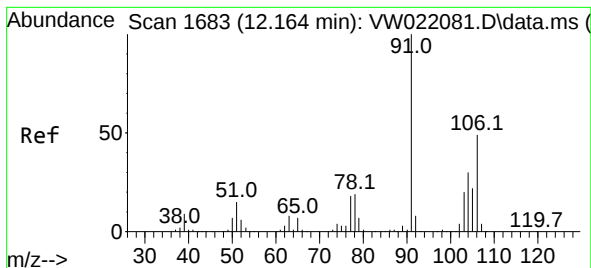
Tgt Ion: 91 Resp: 249644
Ion Ratio Lower Upper
91 100
106 32.4 22.8 42.4



#53
m,p-Xylene
Concen: 22.246 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 106 Resp: 103754
Ion Ratio Lower Upper
106 100
91 183.1 129.6 240.8





#54

o-Xylene

Concen: 23.027 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

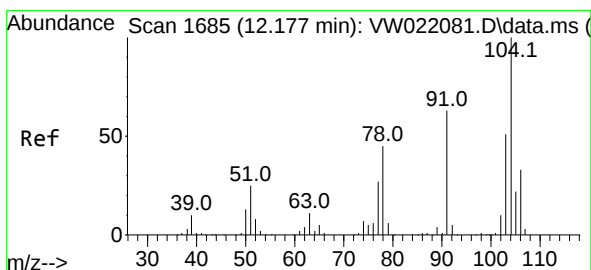
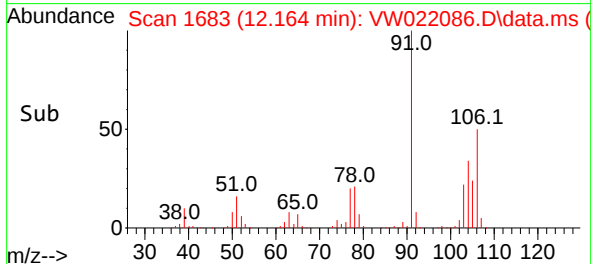
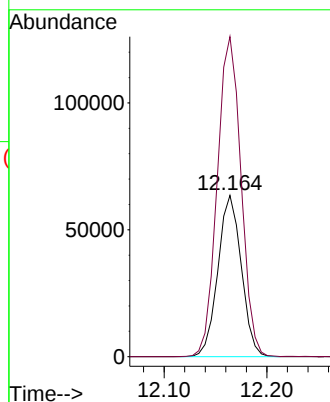
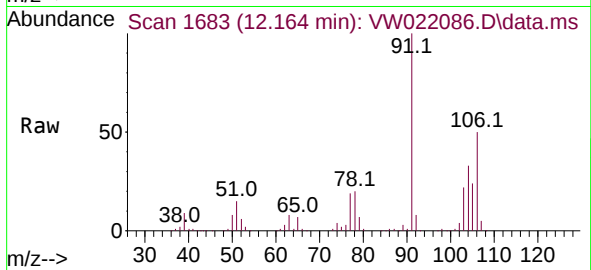
GBD34MSD

Tgt Ion:106 Resp: 100466

Ion Ratio Lower Upper

106 100

91 198.4 136.4 253.4



#55

Styrene

Concen: 24.021 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022086.D

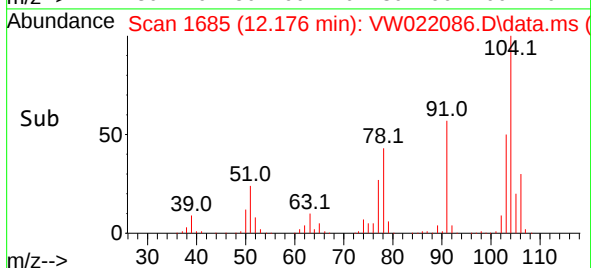
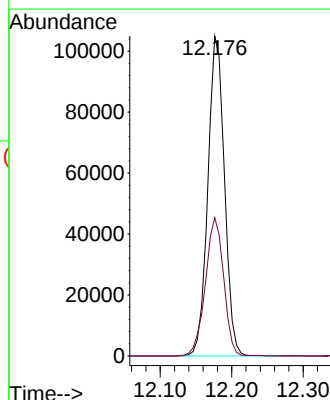
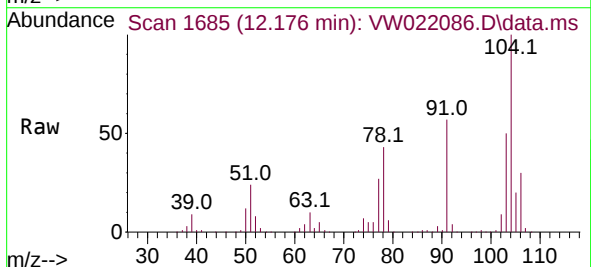
Acq: 21 Feb 2022 14:26

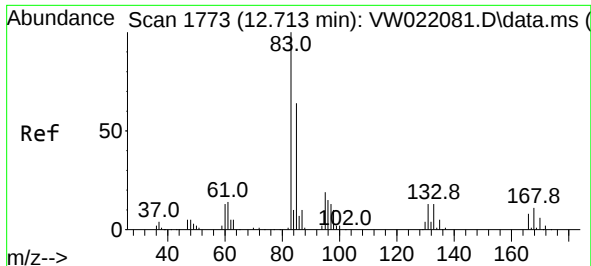
Tgt Ion:104 Resp: 169283

Ion Ratio Lower Upper

104 100

78 43.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 33.259 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

GBD34MSD

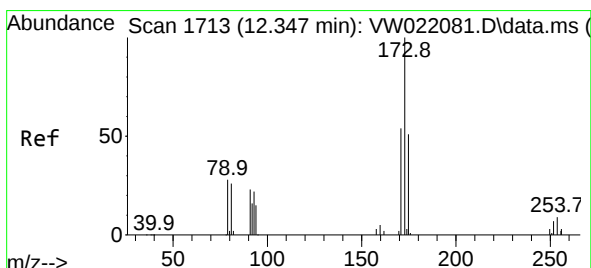
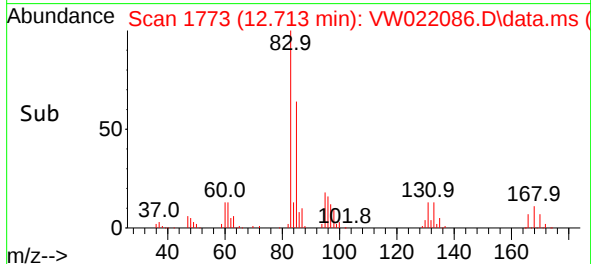
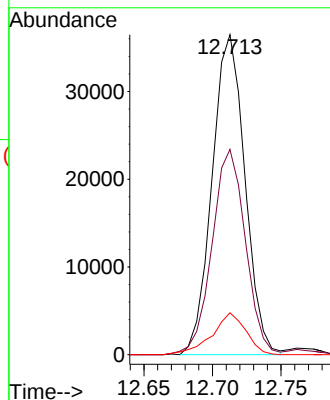
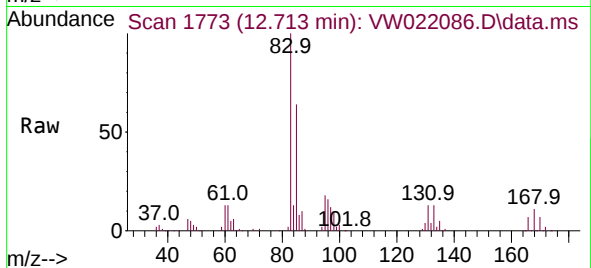
Tgt Ion: 83 Resp: 60742

Ion Ratio Lower Upper

83 100

85 64.1 43.8 81.3

131 13.1 9.8 14.8



#59

Bromoform

Concen: 29.783 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

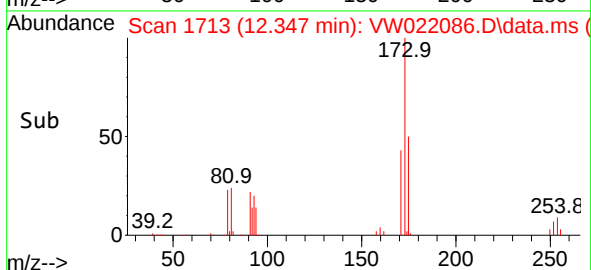
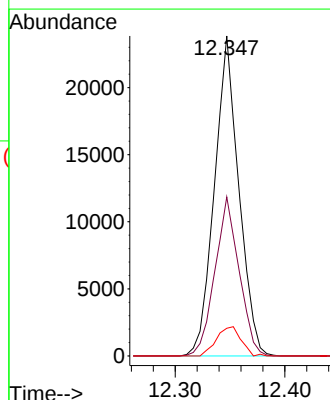
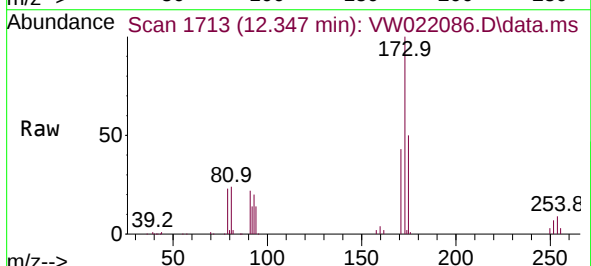
Tgt Ion:173 Resp: 36817

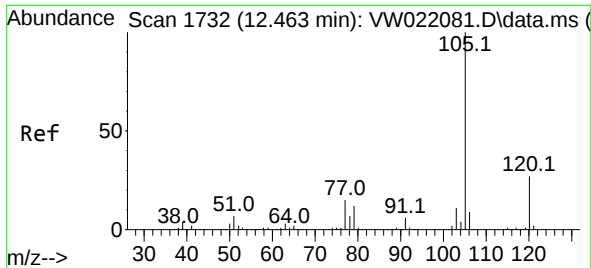
Ion Ratio Lower Upper

173 100

175 49.3 41.0 61.4

254 9.1 3.4 5.2#

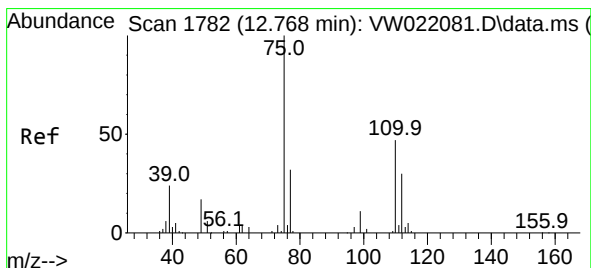
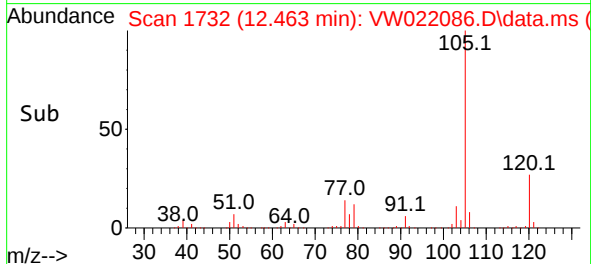
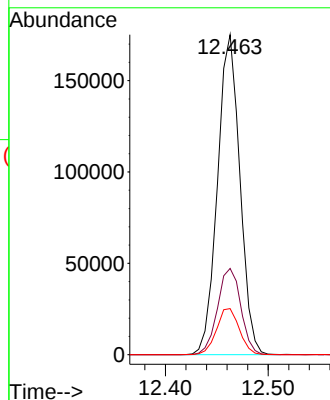
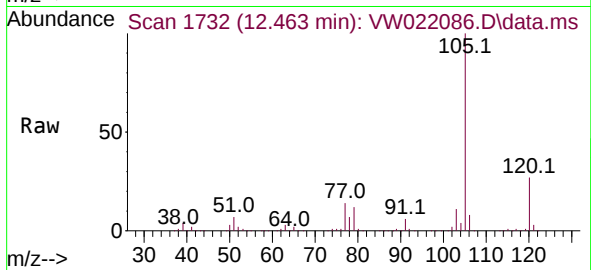




#60
Isopropylbenzene
Concen: 21.636 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

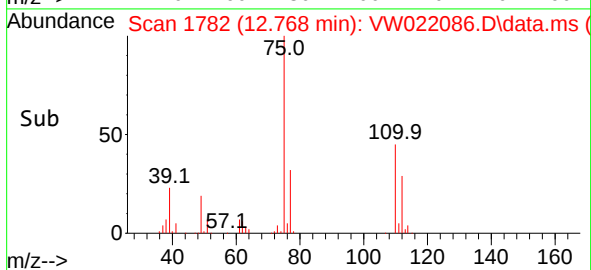
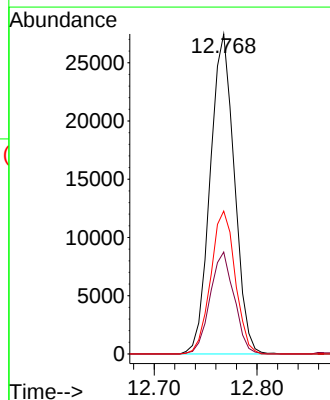
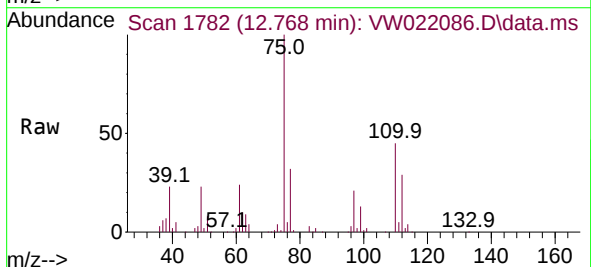
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

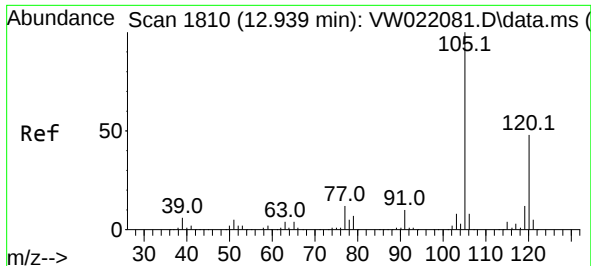
Tgt Ion:105 Resp: 264590
Ion Ratio Lower Upper
105 100
120 28.1 22.1 33.1
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 32.908 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion: 75 Resp: 44872
Ion Ratio Lower Upper
75 100
77 31.7 27.3 40.9
110 45.1 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 22.423 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

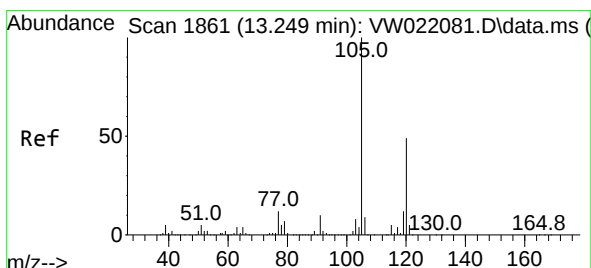
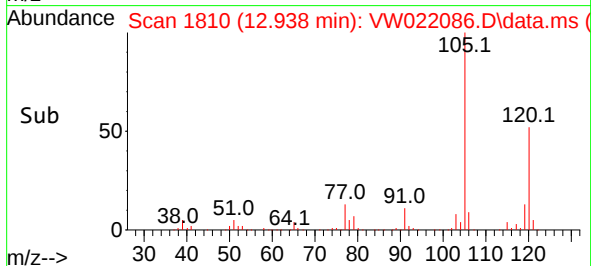
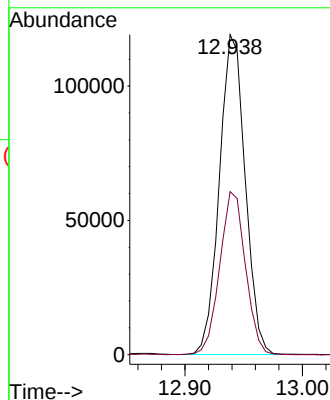
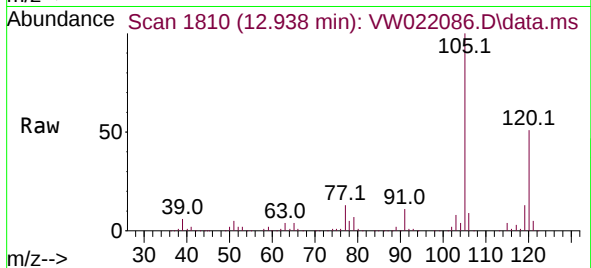
GBD34MSD

Tgt Ion:105 Resp: 181859

Ion Ratio Lower Upper

105 100

120 50.8 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 22.586 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022086.D

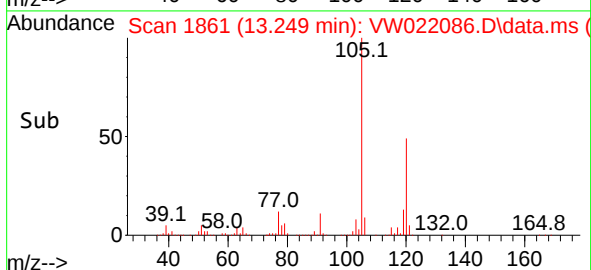
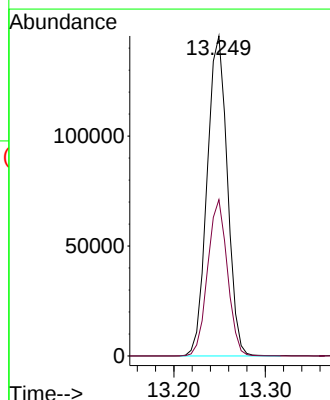
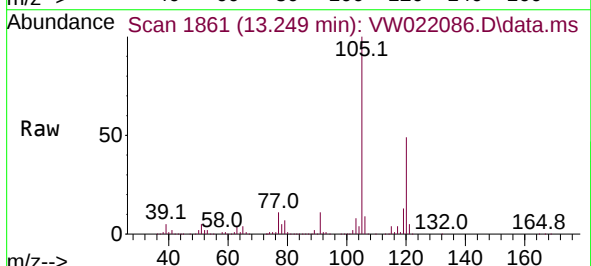
Acq: 21 Feb 2022 14:26

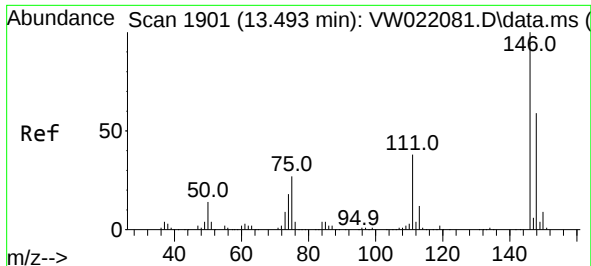
Tgt Ion:105 Resp: 223180

Ion Ratio Lower Upper

105 100

120 47.7 37.8 56.8

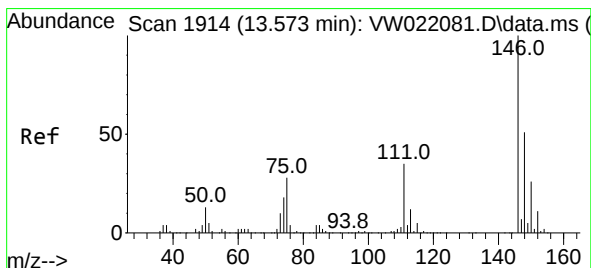
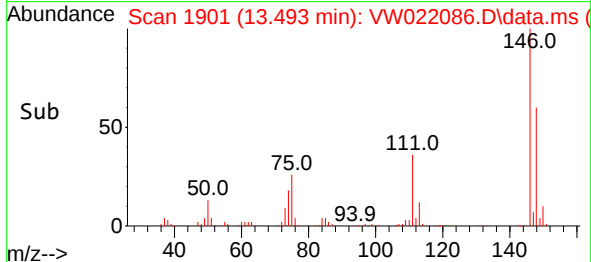
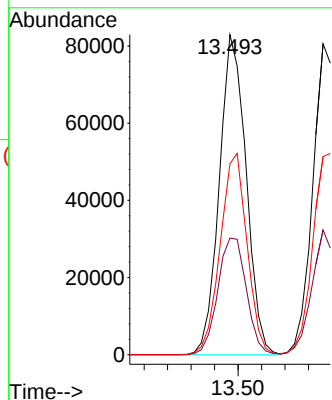
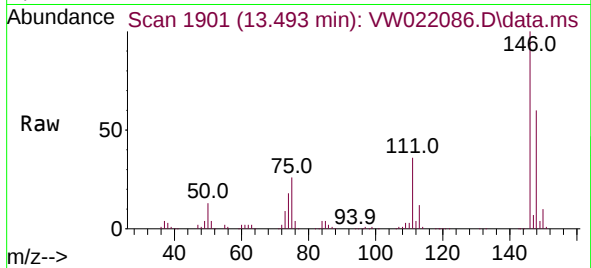




#64
1,3-Dichlorobenzene
Concen: 22.409 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

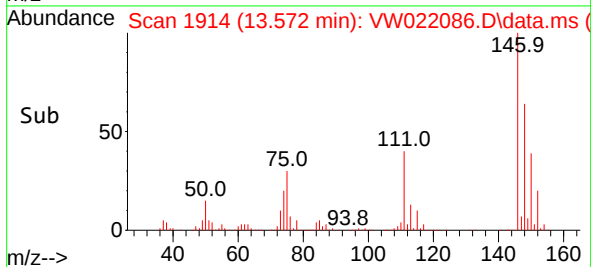
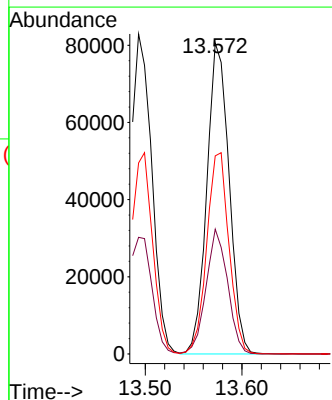
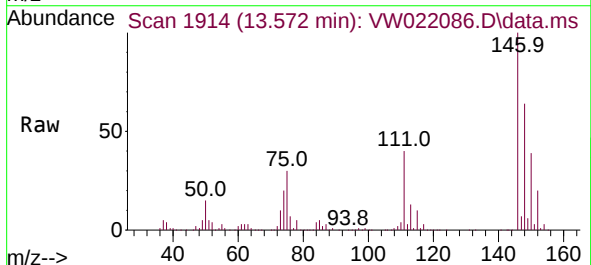
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

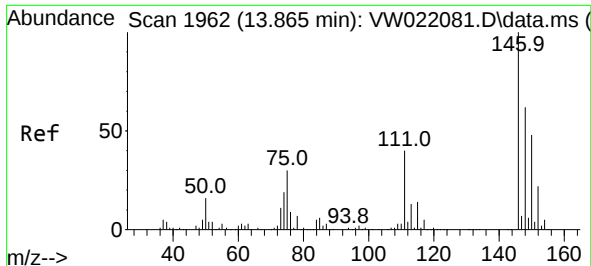
Tgt Ion:146 Resp: 131294
Ion Ratio Lower Upper
146 100
111 36.5 27.3 50.7
148 59.7 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 22.020 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion:146 Resp: 129144
Ion Ratio Lower Upper
146 100
111 40.1 24.4 45.4
148 63.7 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 23.796 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

GBD34MSD

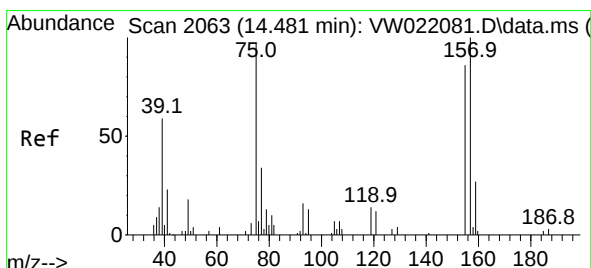
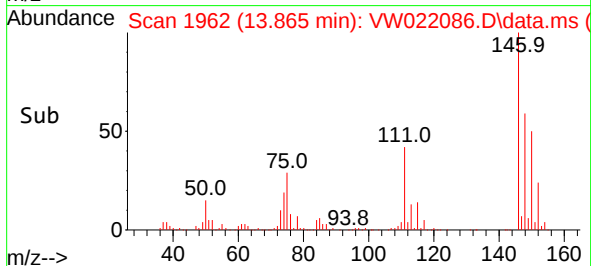
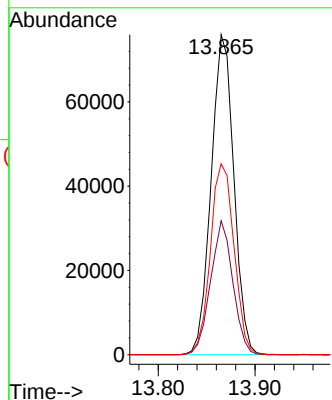
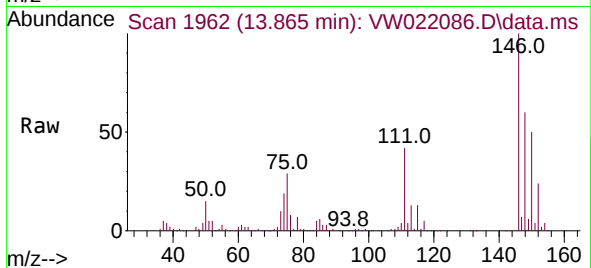
Tgt Ion:146 Resp: 123916

Ion Ratio Lower Upper

146 100

111 41.9 32.2 48.4

148 59.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 36.858 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022086.D

Acq: 21 Feb 2022 14:26

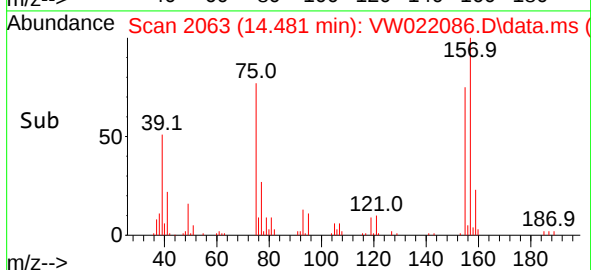
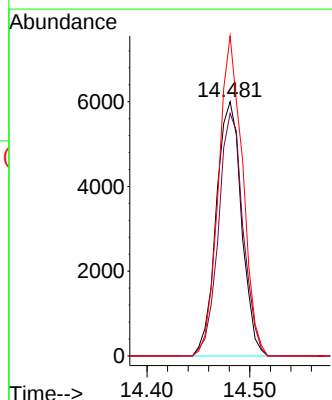
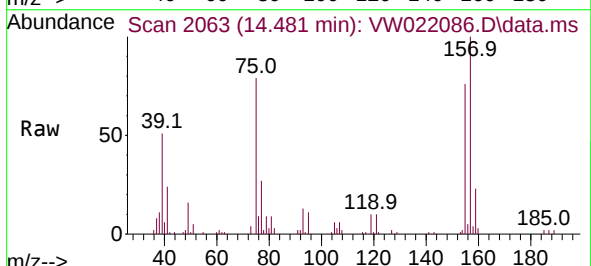
Tgt Ion: 75 Resp: 10225

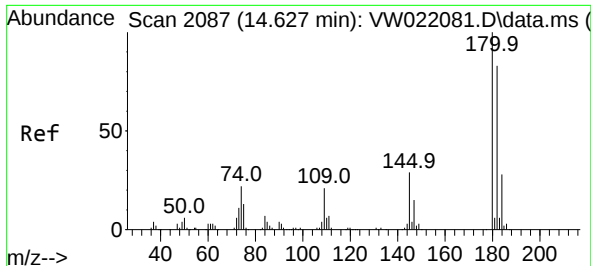
Ion Ratio Lower Upper

75 100

155 95.4 80.9 121.3

157 125.8 100.3 150.5

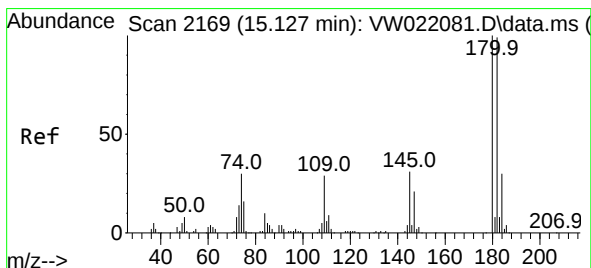
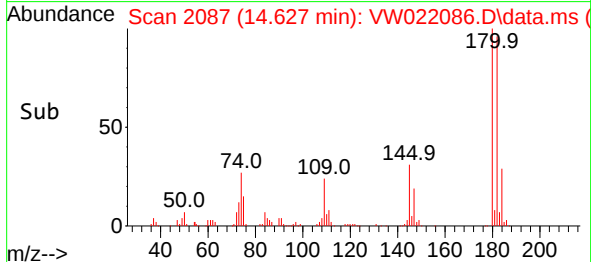
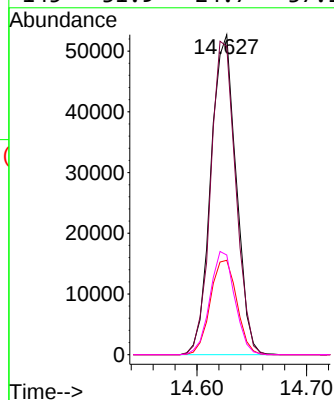
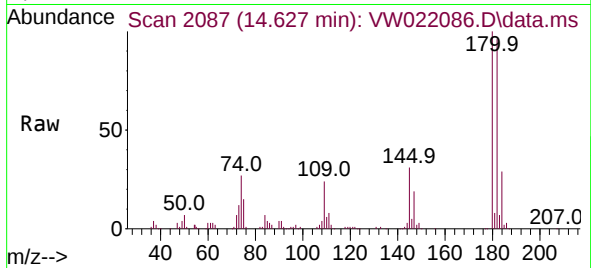




#69
1,3,5-Trichlorobenzene
Concen: 20.012 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

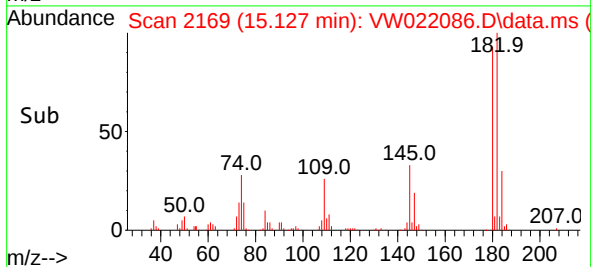
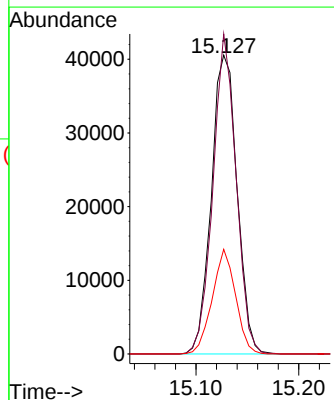
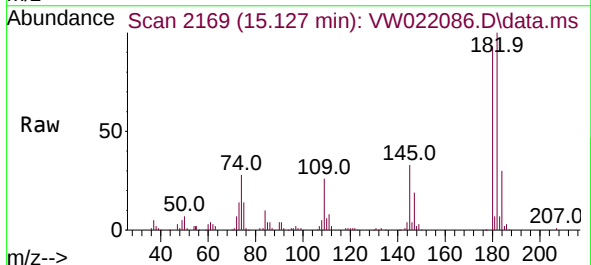
Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

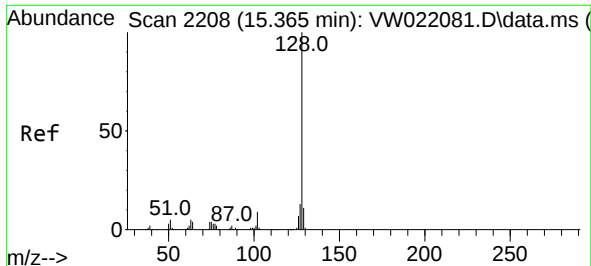
Tgt Ion:	180	Resp:	84298
Ion Ratio	Lower	Upper	
180	100		
182	97.4	77.4	116.2
184	31.0	25.2	37.8
145	31.9	24.7	37.1



#70
1,2,4-trichlorobenzene
Concen: 21.128 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion:	180	Resp:	70695
Ion Ratio	Lower	Upper	
180	100		
182	96.3	74.6	111.8
145	31.7	25.0	37.6

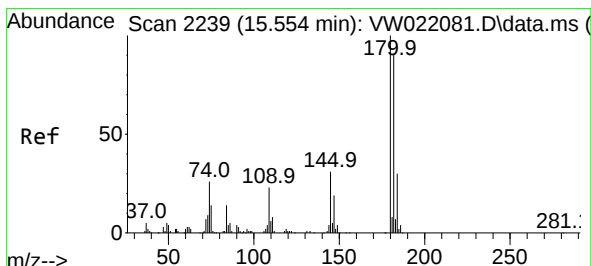
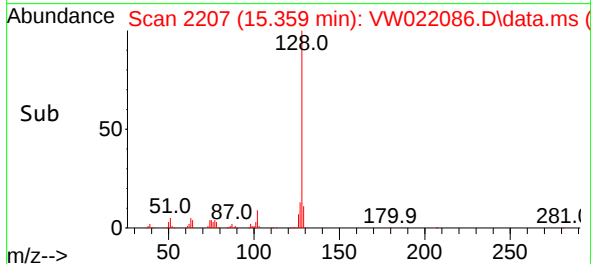
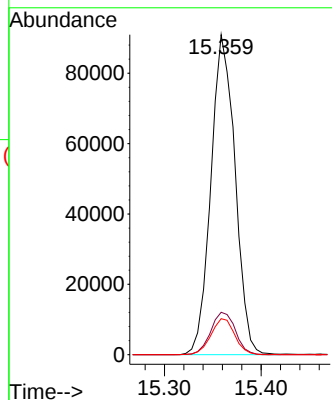
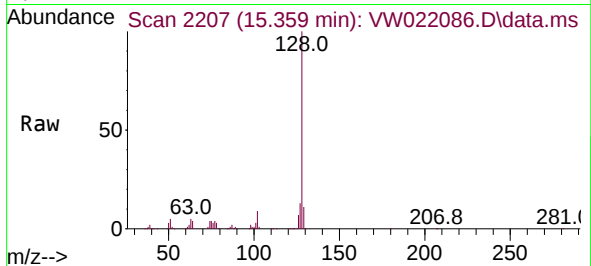




#71
Naphthalene
Concen: 28.951 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Instrument :
MSVOA_W
ClientSampleId :
GBD34MSD

Tgt Ion:128 Resp: 158046
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.447 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022086.D
Acq: 21 Feb 2022 14:26

Tgt Ion:180 Resp: 64195
Ion Ratio Lower Upper
180 100
182 93.0 78.6 118.0
145 33.2 27.3 40.9

