

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW020996.D
 Acq On : 01 Dec 2021 08:37
 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: Dec 02 01:50:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 01 00:01:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	113394	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	102208	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	55517	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	23295	17.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.840%
7) Chloroethane-d5	2.891	69	18322	21.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	4.025	63	55757	21.909	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.640%
21) 2-Butanone-d5	7.080	46	11758	35.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.620%
24) Chloroform-d	7.653	84	60938	21.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	8.305	65	29445	20.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	8.275	84	112988	20.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.880%
36) 1,2-Dichloropropane-d6	9.274	67	31567	20.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.320%
41) Toluene-d8	10.323	98	115154	21.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	10.579	79	13630	18.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.200%
47) 2-Hexanone-d5	10.920	63	9062	35.620	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.240%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	23772	20.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	41508	20.977	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	10001	30.475	ug/L	96
3) Chloromethane	2.215	50	20943	20.990	ug/L	98
5) Vinyl chloride	2.367	62	42588	24.678	ug/L	98
6) Bromomethane	2.782	94	25926	27.093	ug/L	97
8) Chloroethane	2.928	64	19502	26.880	ug/L	95
9) Trichlorofluoromethane	3.263	101	32988	32.816	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40324	26.387	ug/L	91
12) 1,1-Dichloroethene	4.044	96	36033	25.362	ug/L	70
13) Acetone	4.129	43	11421	38.964	ug/L	80
14) Carbon disulfide	4.385	76	84814	22.073	ug/L	99
15) Methyl Acetate	4.672	43	10700	20.355	ug/L	# 88
16) Methylene chloride	4.915	84	34814	22.013	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	36954	24.133	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	51839	22.553	ug/L	92
19) 1,1-Dichloroethane	6.220	63	62796	24.750	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	40275	24.404	ug/L	75
22) 2-Butanone	7.171	43	15508	38.941	ug/L	86
23) Bromochloromethane	7.512	128	18437	24.437	ug/L	# 68
25) Chloroform	7.677	83	68935	24.858	ug/L	99

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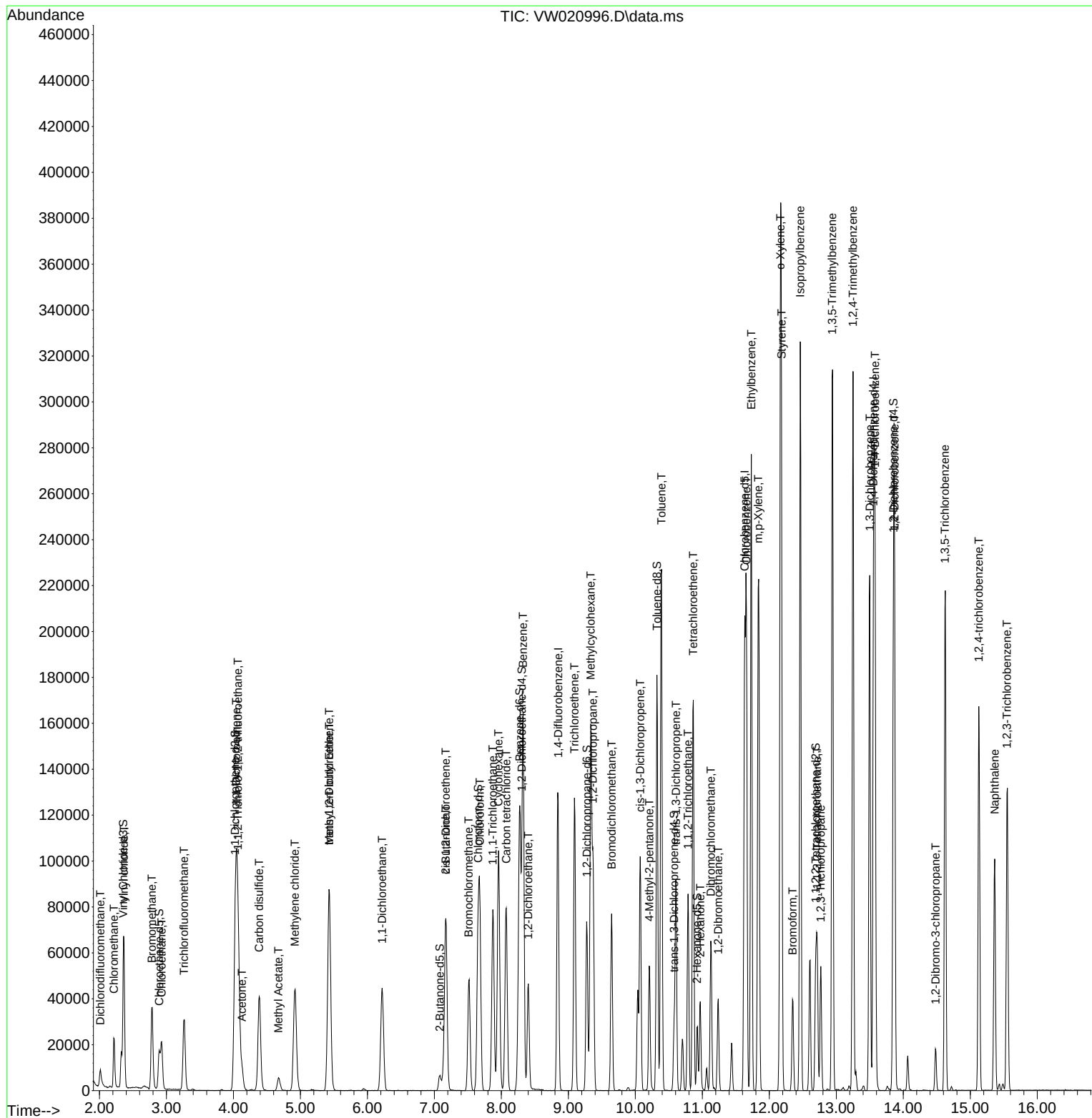
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	40430	24.077	ug/L #	94
29) Cyclohexane	7.958	56	53961	23.681	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	63486	25.830	ug/L	94
31) Carbon tetrachloride	8.073	117	60702	26.094	ug/L	99
33) Benzene	8.323	78	144766	25.016	ug/L	100
34) Trichloroethene	9.091	95	41756	25.797	ug/L	89
35) Methylcyclohexane	9.335	83	66076	24.759	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	33436	24.826	ug/L #	97
38) Bromodichloromethane	9.646	83	48805	25.251	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	54688	24.593	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	34312	42.803	ug/L #	93
42) Toluene	10.390	91	169200	25.994	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	46987	24.043	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	25887	24.714	ug/L	97
46) Tetrachloroethene	10.866	164	37966	25.546	ug/L	94
48) 2-Hexanone	10.969	43	24213	43.606	ug/L #	94
49) Dibromochloromethane	11.128	129	33462	23.172	ug/L	93
50) 1,2-Dibromoethane	11.237	107	25130	23.929	ug/L #	94
51) Chlorobenzene	11.658	112	110017	25.412	ug/L	93
52) Ethylbenzene	11.731	91	187117	25.942	ug/L	98
53) m,p-Xylene	11.835	106	76015	25.813	ug/L	83
54) o-Xylene	12.164	106	71761	25.373	ug/L	91
55) Styrene	12.182	104	120075	25.569	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	27466	23.658	ug/L #	96
59) Bromoform	12.347	173	18495	22.343	ug/L	99
60) Isopropylbenzene	12.463	105	201250	26.615	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20167	24.765	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	170542	26.736	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	165550	26.305	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	92421	26.070	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	91094	25.473	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	79586	25.476	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4153	21.332	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.621	180	66507	23.686	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	52924	23.039	ug/L	99
71) Naphthalene	15.365	128	87488	23.374	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	47482	24.495	ug/L	96

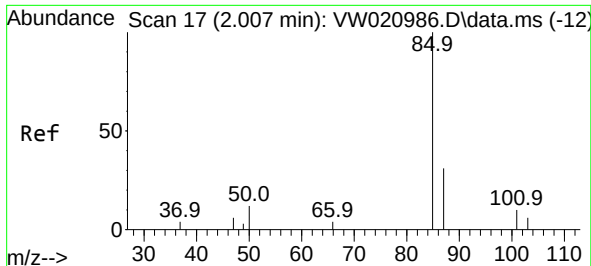
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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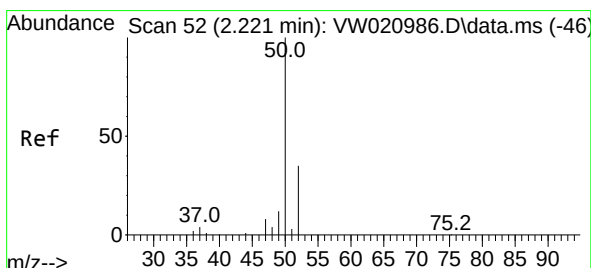
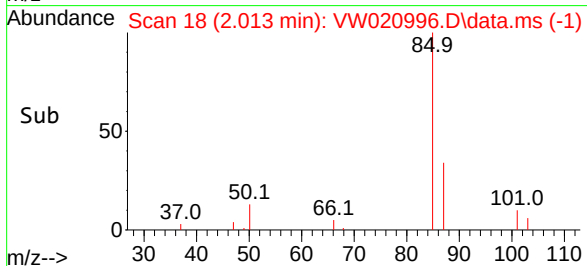
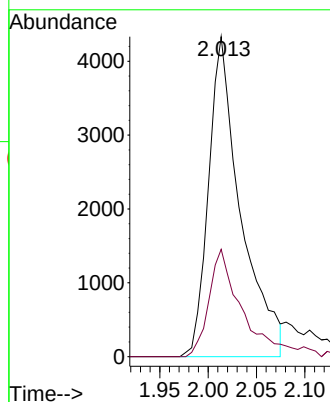
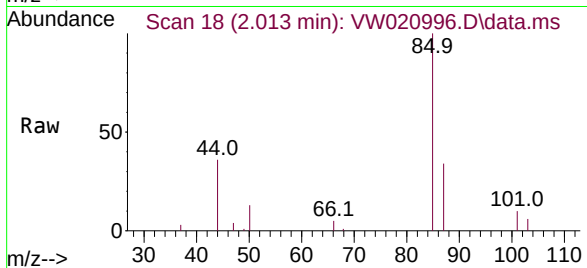




#2
 Dichlorodifluoromethane
 Concen: 30.475 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

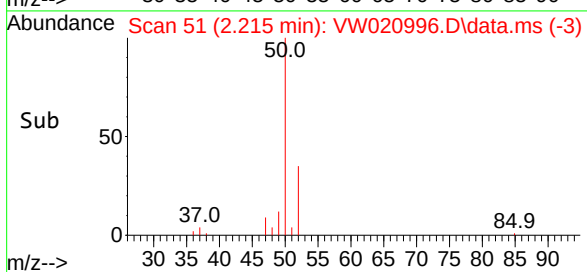
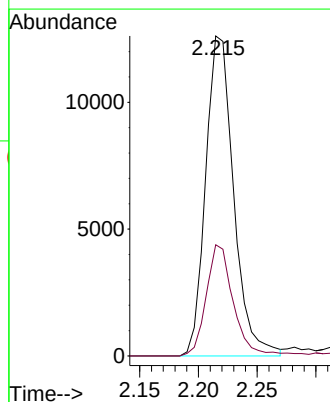
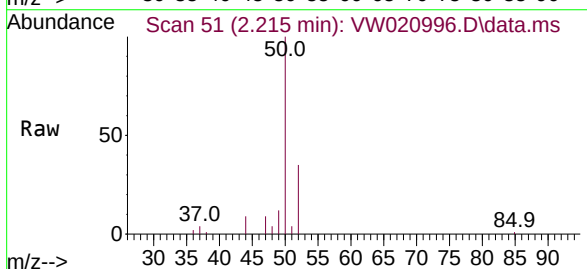
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 ClientSampleId :

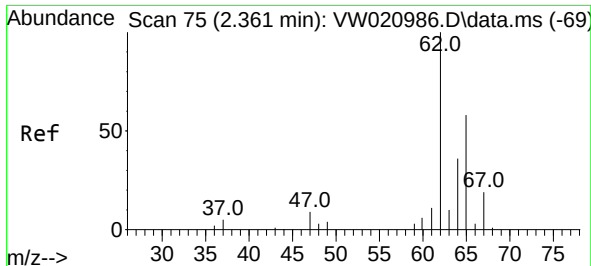
Tgt Ion: 85 Resp: 10001
 Ion Ratio Lower Upper
 85 100
 87 34.2 25.8 38.6



#3
 Chloromethane
 Concen: 20.990 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

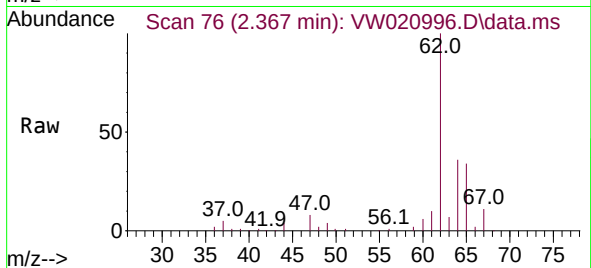
Tgt Ion: 50 Resp: 20943
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.4 43.6



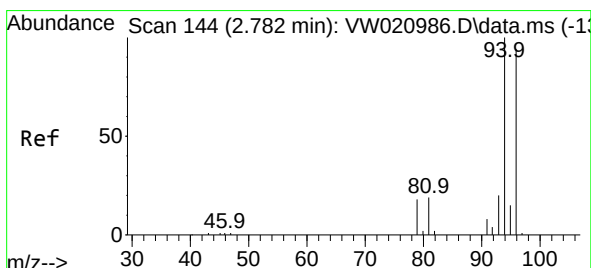
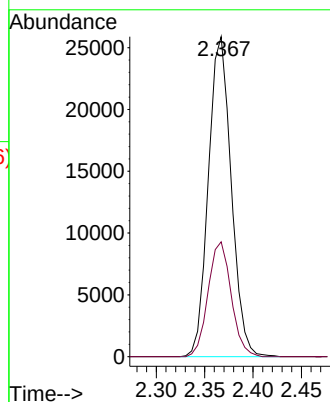
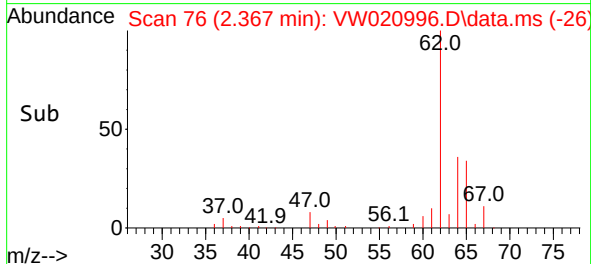


#5
 Vinyl chloride
 Concen: 24.678 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

Instrument :
 MSVOA_W
 ClientSampleId :

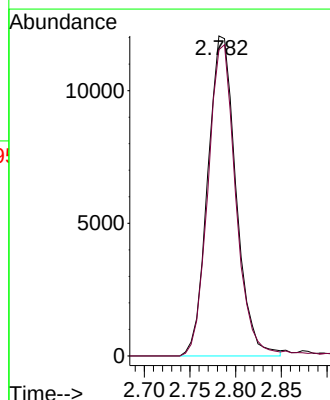
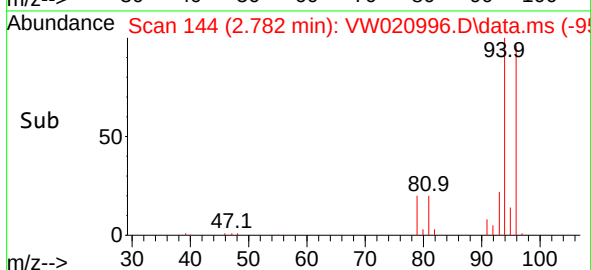
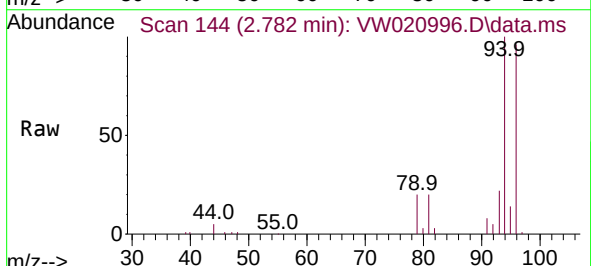


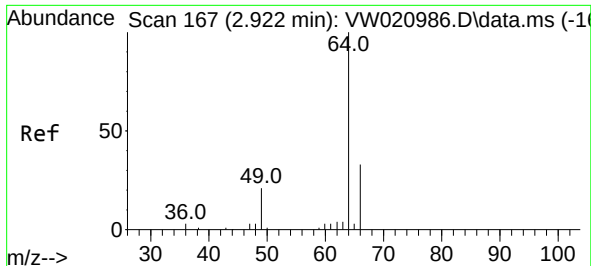
Tgt Ion: 62 Resp: 42588
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.4 45.2



#6
 Bromomethane
 Concen: 27.093 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

Tgt Ion: 94 Resp: 25926
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.8 120.4

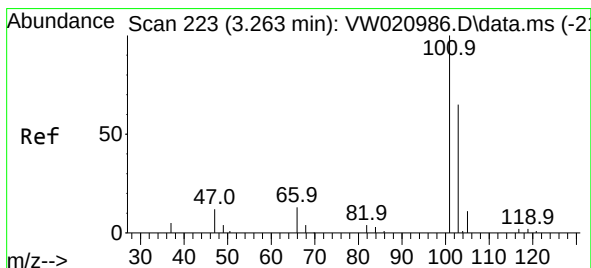
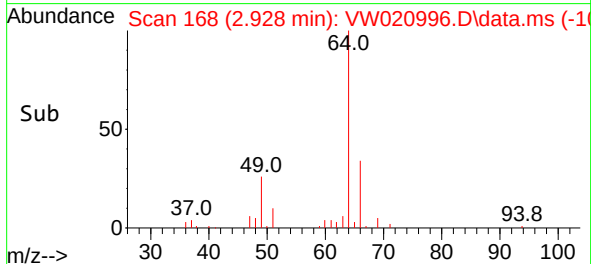
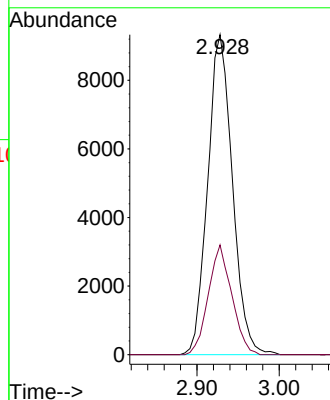
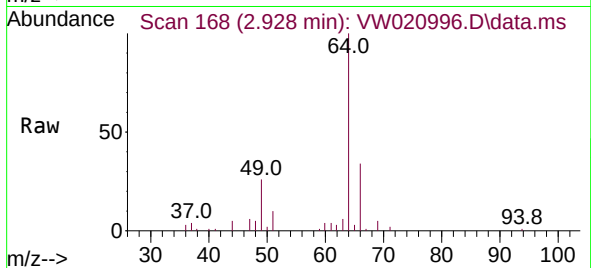




#8
Chloroethane
Concen: 26.880 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

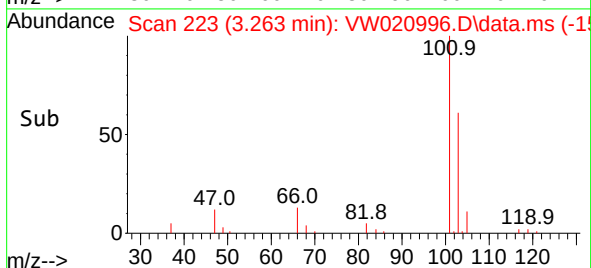
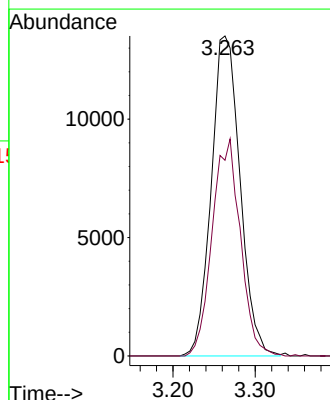
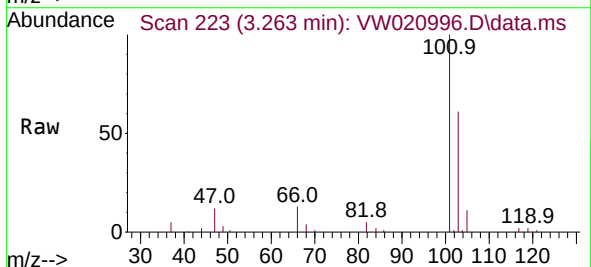
Instrument :
MSVOA_W
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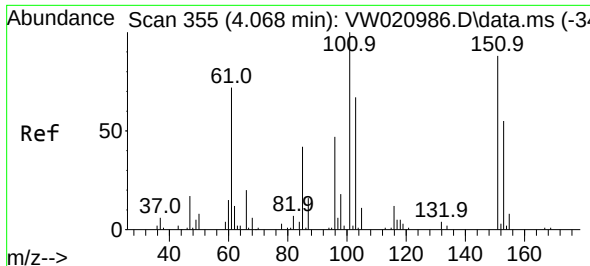
Tgt Ion: 64 Resp: 19502
Ion Ratio Lower Upper
64 100
66 34.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 32.816 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion: 101 Resp: 32988
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2

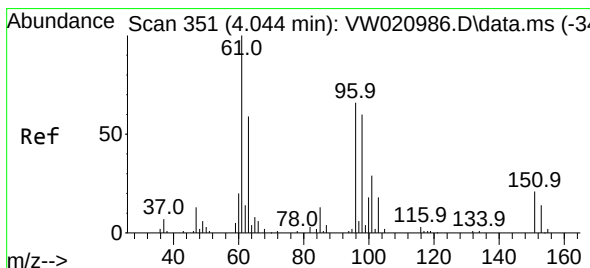
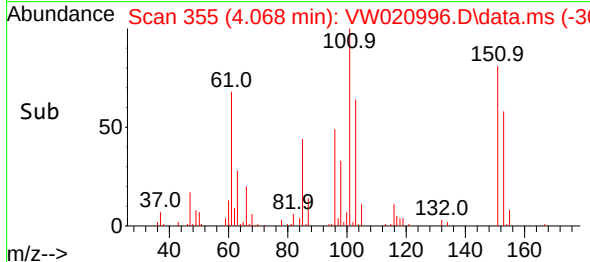
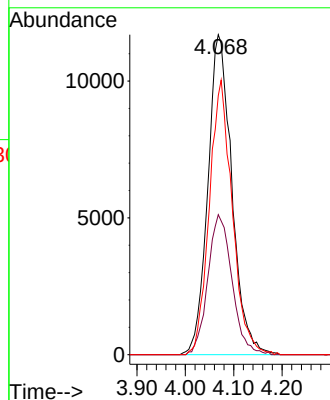
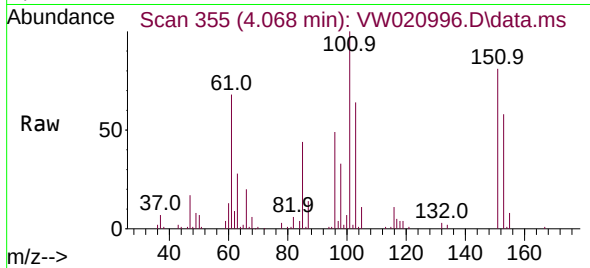




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.387 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

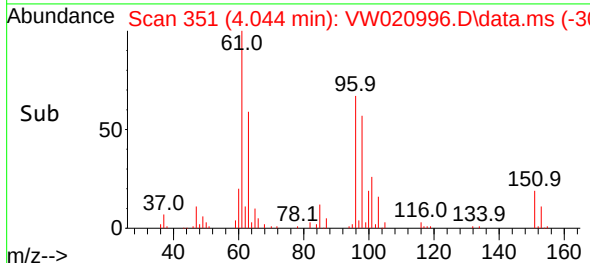
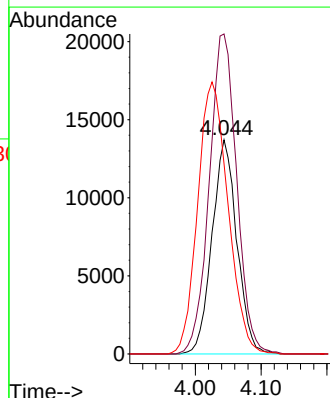
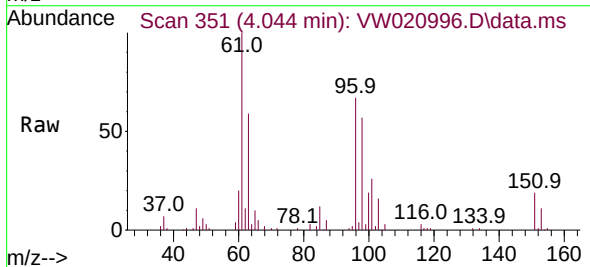
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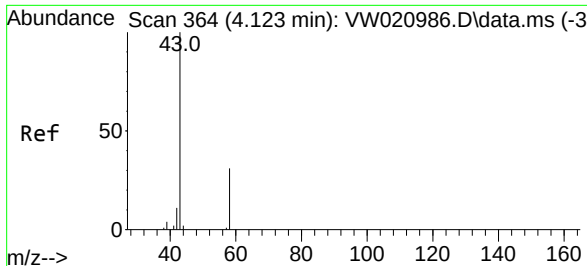
Tgt Ion:101 Resp: 40324
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.6 54.8
 151 82.1 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 25.362 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

Tgt Ion: 96 Resp: 36033
 Ion Ratio Lower Upper
 96 100
 61 149.5 138.3 256.9
 63 88.8 82.6 153.4

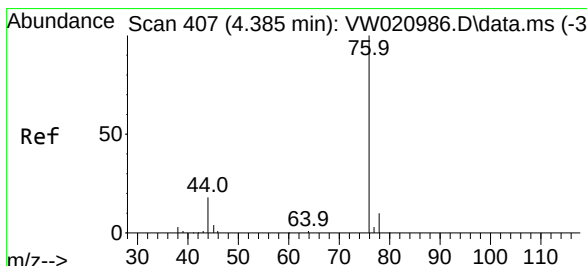
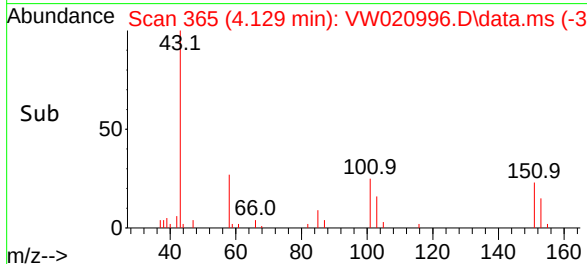
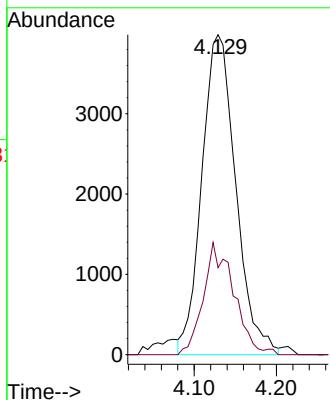
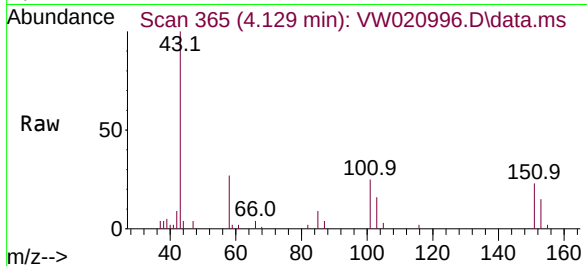




#13
Acetone
Concen: 38.964 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

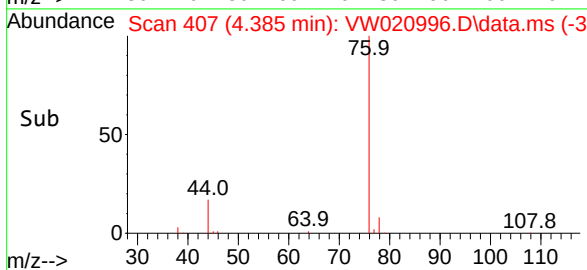
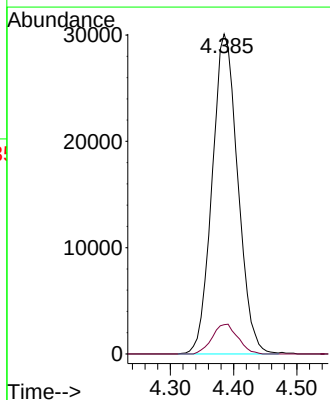
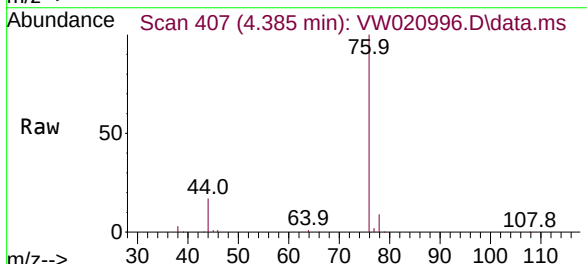
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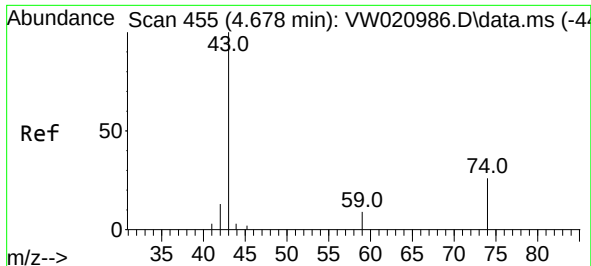
Tgt Ion: 43 Resp: 11421
Ion Ratio Lower Upper
43 100
58 16.2 0.0 52.8



#14
Carbon disulfide
Concen: 22.073 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 84814
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

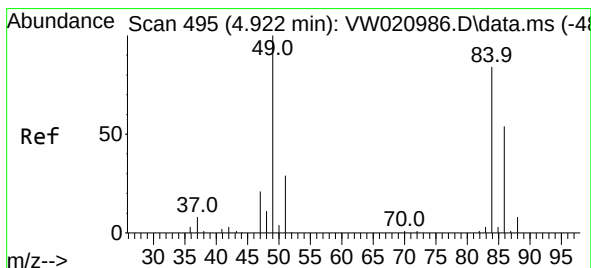
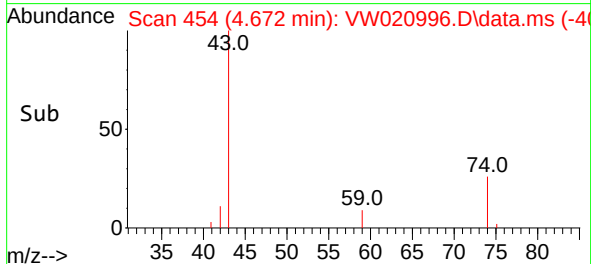
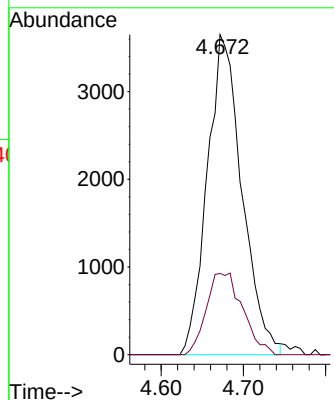
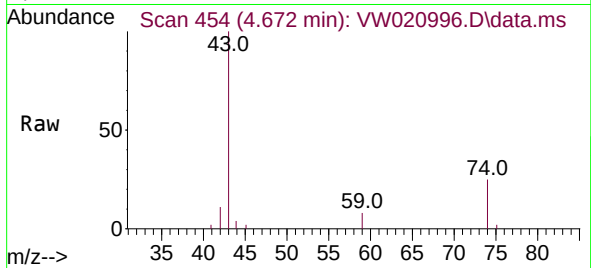




#15
Methyl Acetate
Concen: 20.355 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

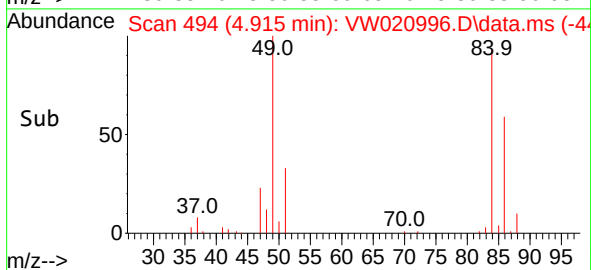
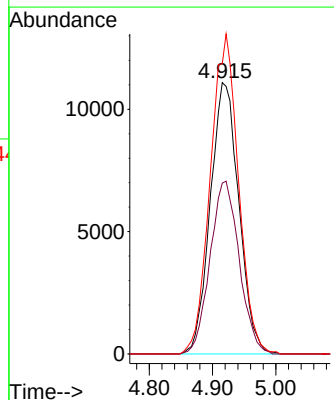
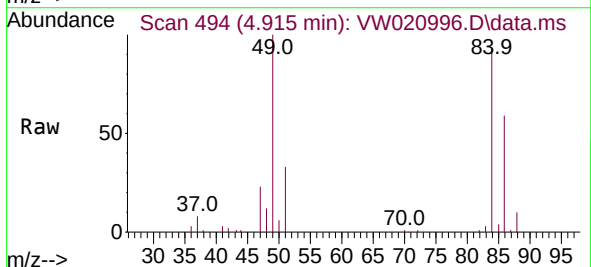
Instrument :
MSVOA_W
ClientSampleId :

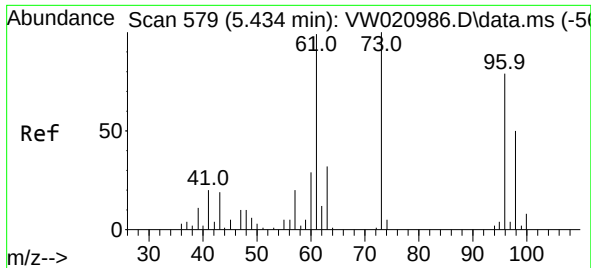
Tgt Ion: 43 Resp: 10700
Ion Ratio Lower Upper
43 100
74 14.9 16.4 24.6#



#16
Methylene chloride
Concen: 22.013 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion: 84 Resp: 34814
Ion Ratio Lower Upper
84 100
86 63.0 45.5 84.5
49 107.0 100.5 186.7



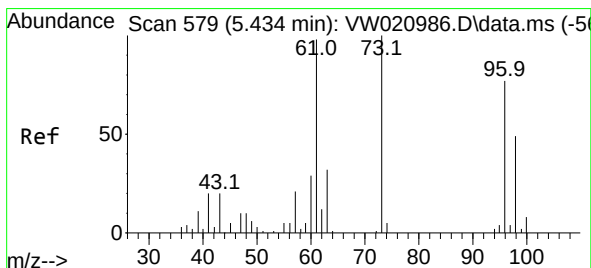
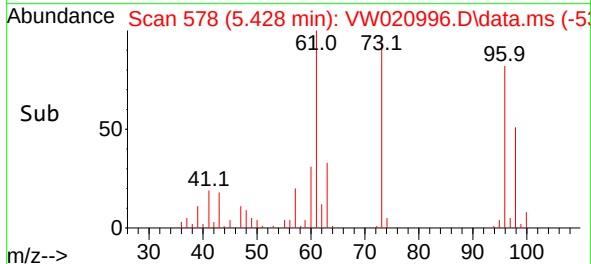
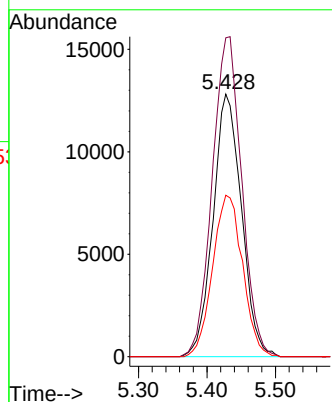
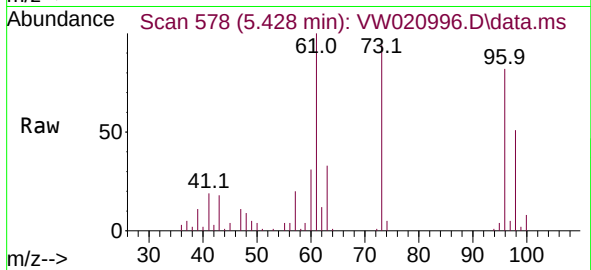


#17
 trans-1,2-Dichloroethene
 Concen: 24.133 ug/L
 RT: 5.428 min Scan# 578
 Delta R.T. -0.006 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 36954

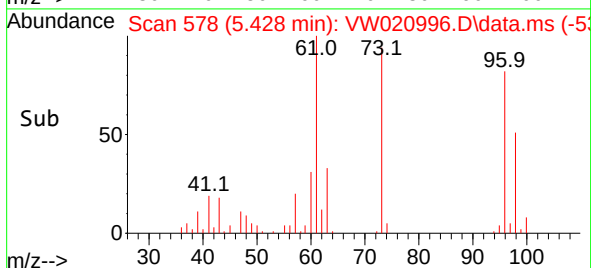
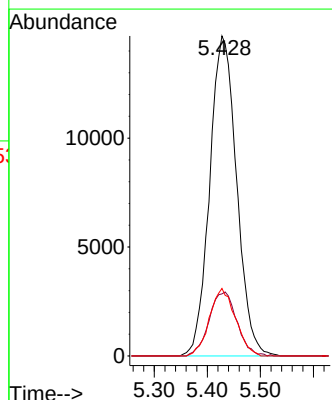
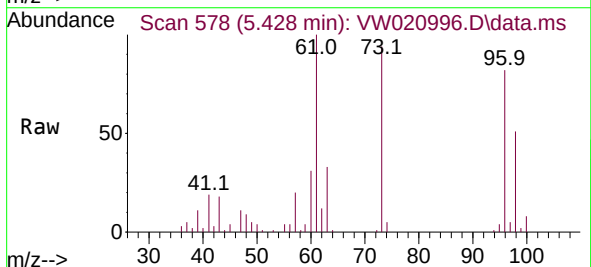
Ion	Ratio	Lower	Upper
96	100		
61	121.4	107.4	199.4
98	61.5	41.2	76.6

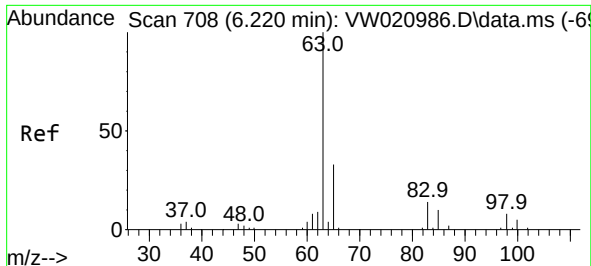


#18
 Methyl tert-butyl Ether
 Concen: 22.553 ug/L
 RT: 5.428 min Scan# 578
 Delta R.T. -0.006 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

Tgt Ion: 73 Resp: 51839

Ion	Ratio	Lower	Upper
73	100		
43	20.5	19.5	29.3
57	20.4	19.3	28.9





#19

1,1-Dichloroethane

Concen: 24.750 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW020996.D

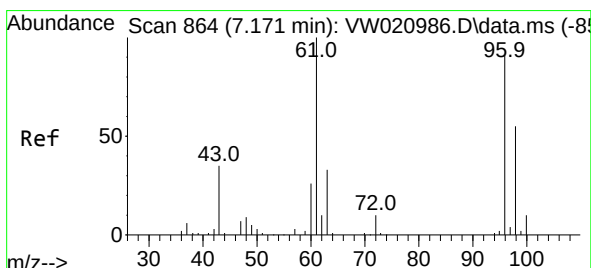
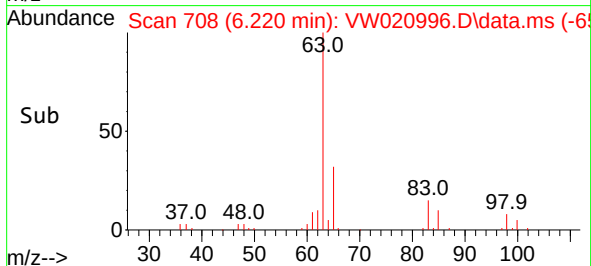
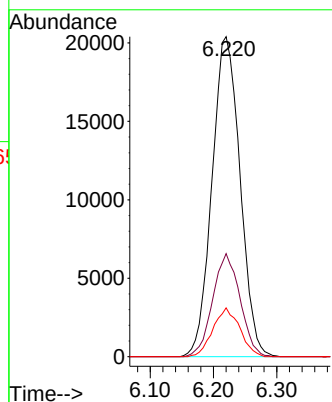
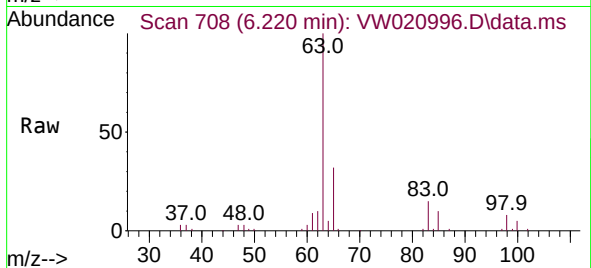
Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	62796
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.1	41.1
83	15.2	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.404 ug/L

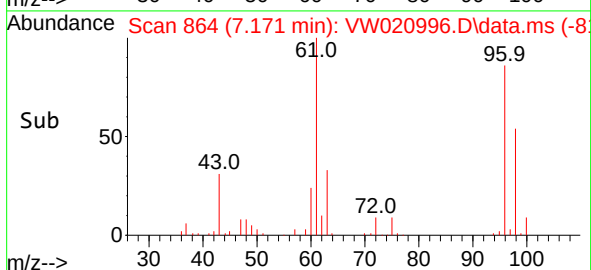
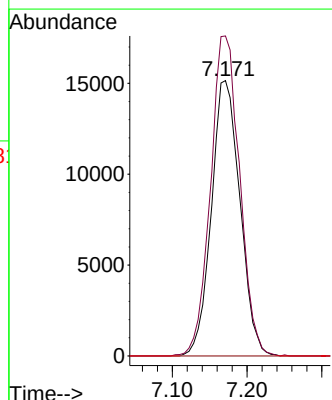
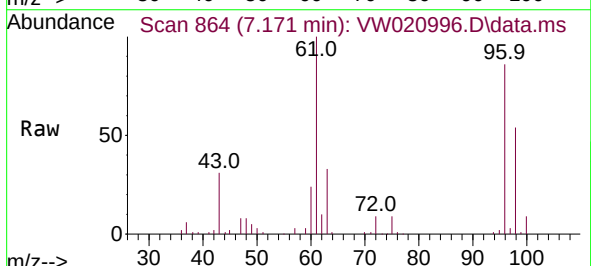
RT: 7.171 min Scan# 864

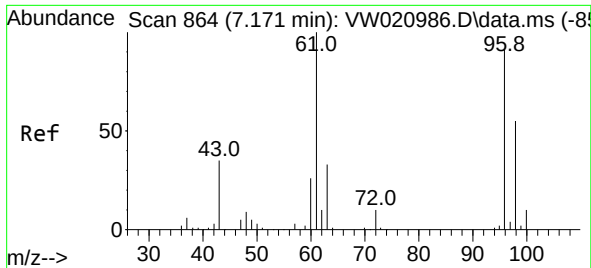
Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Tgt Ion:	96	Resp:	40275
Ion	Ratio	Lower	Upper
96	100		
61	116.2	103.7	192.7
68	0.0	0.0	0.0

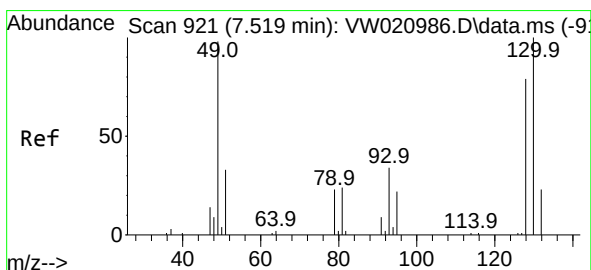
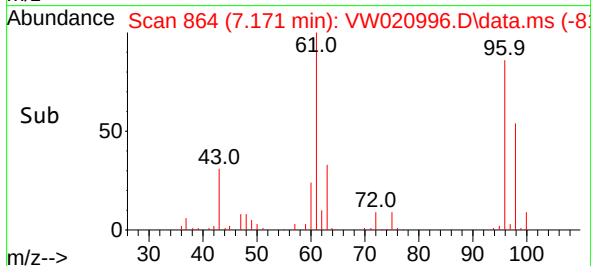
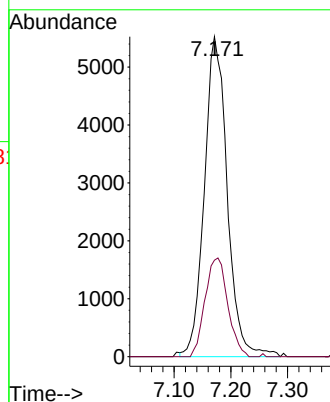
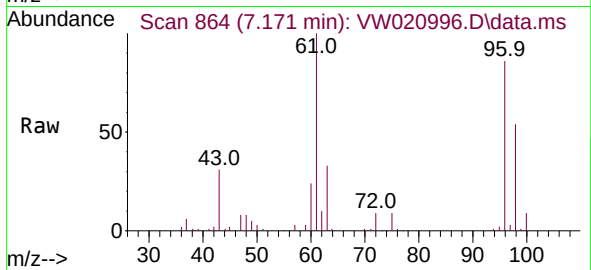




#22
2-Butanone
Concen: 38.941 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

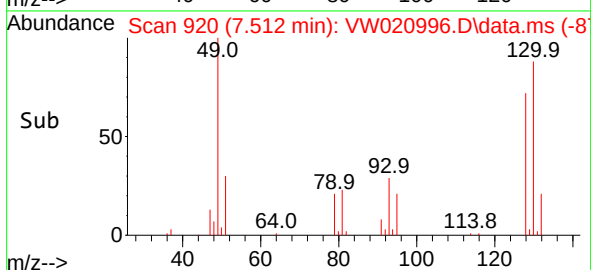
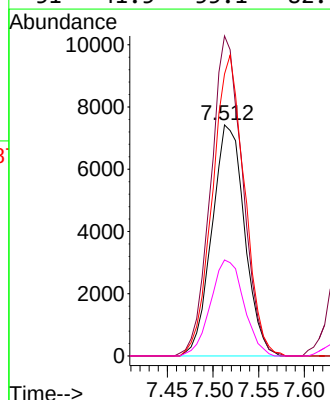
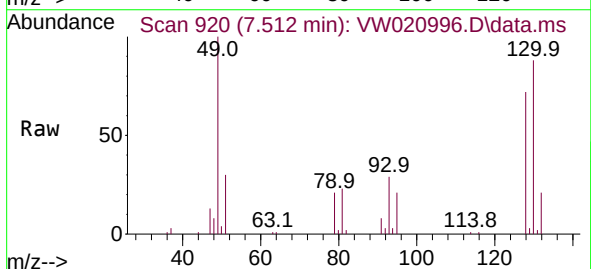
Instrument :
MSVOA_W
ClientSampleId :

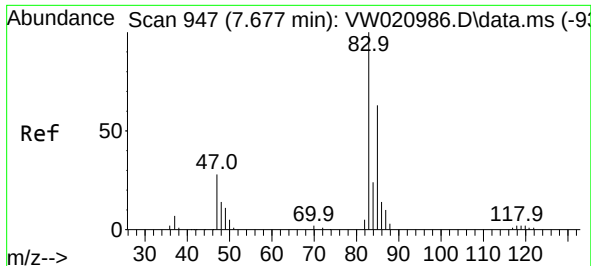
Tgt Ion: 43 Resp: 15508
Ion Ratio Lower Upper
43 100
72 30.5 11.8 35.4



#23
Bromochloromethane
Concen: 24.437 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion: 128 Resp: 18437
Ion Ratio Lower Upper
128 100
49 138.5 150.3 279.1#
130 122.1 88.3 163.9
51 41.5 55.1 82.7#

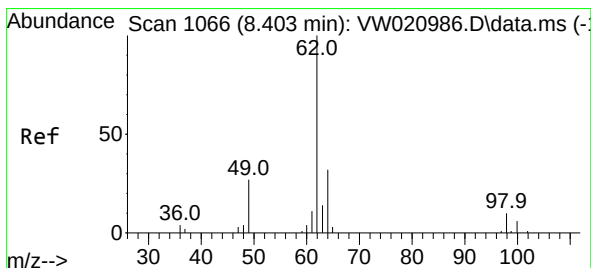
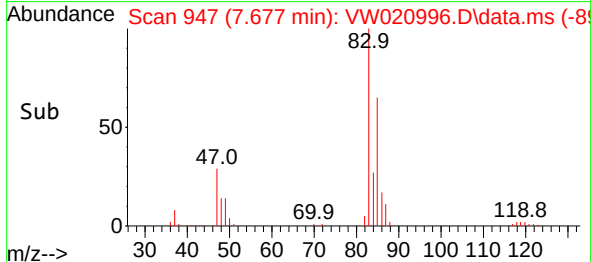
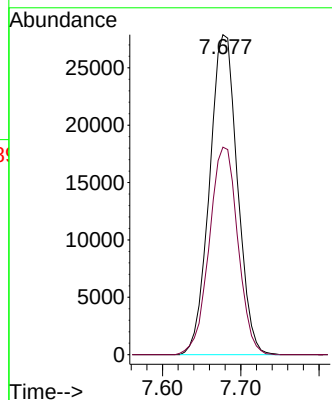
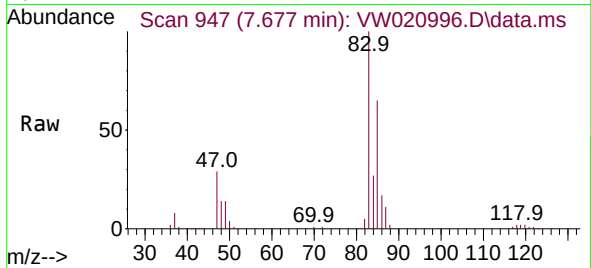




#25
Chloroform
Concen: 24.858 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

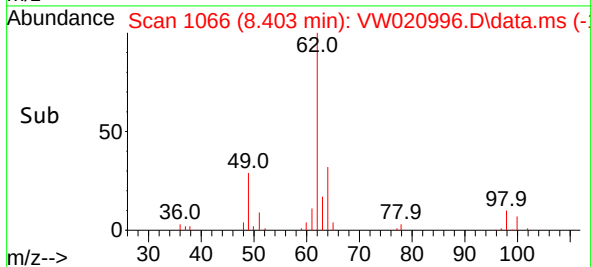
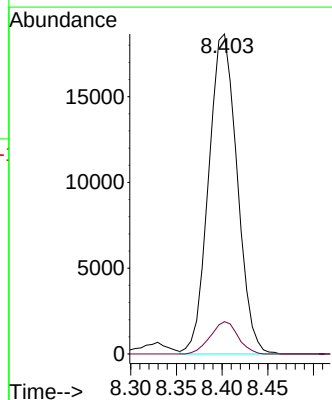
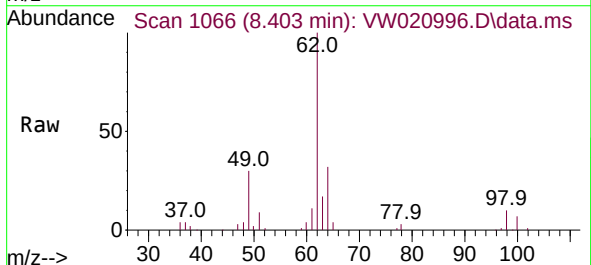
Instrument :
MSVOA_W
ClientSampleId :

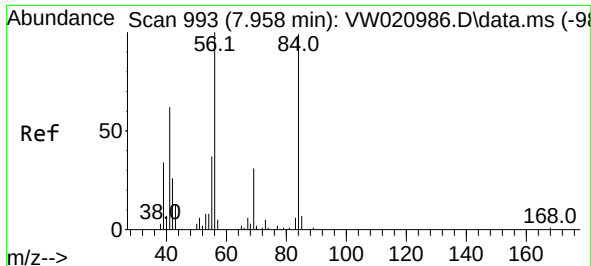
Tgt Ion: 83 Resp: 68935
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.077 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion: 62 Resp: 40430
Ion Ratio Lower Upper
62 100
98 10.1 6.5 9.7#





#29

Cyclohexane

Concen: 23.681 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

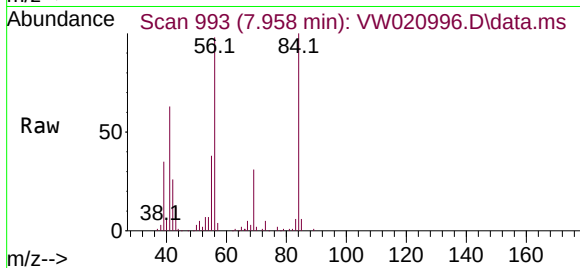
Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

ClientSampleId :



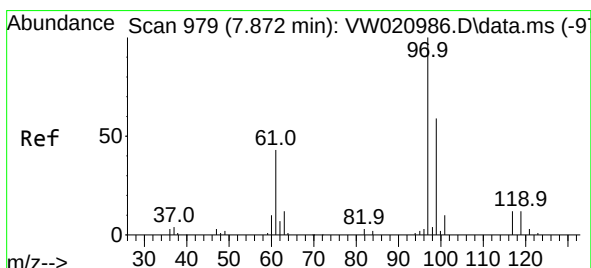
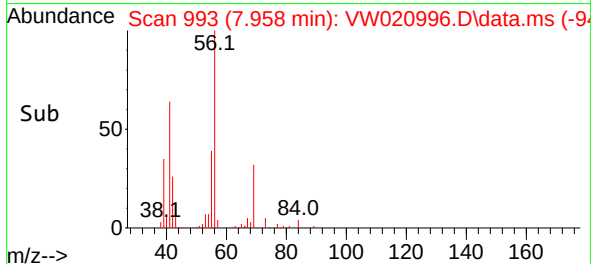
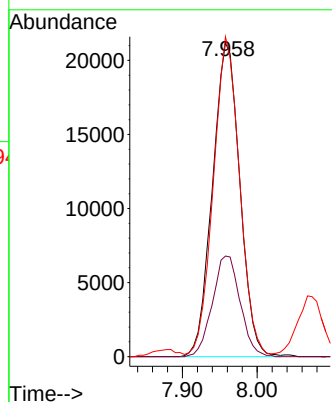
Tgt Ion: 56 Resp: 53961

Ion Ratio Lower Upper

56 100

69 32.4 23.5 35.3

84 98.1 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 25.830 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

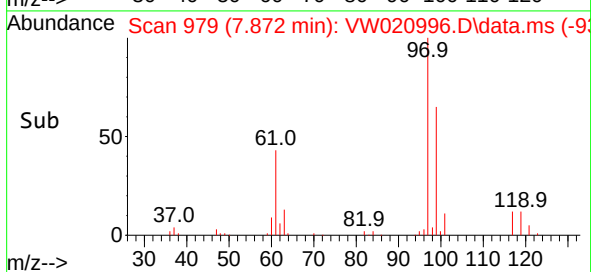
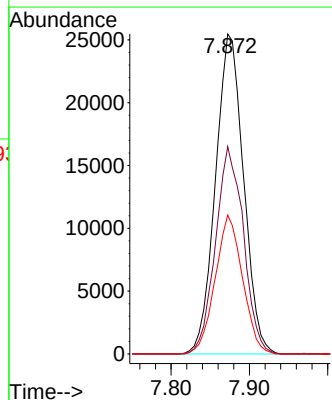
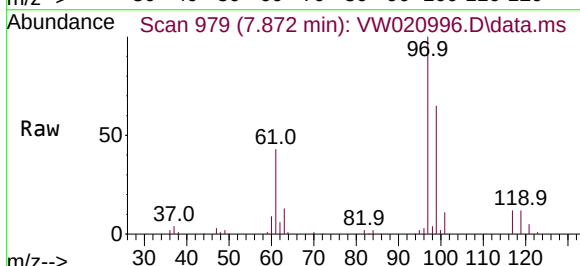
Tgt Ion: 97 Resp: 63486

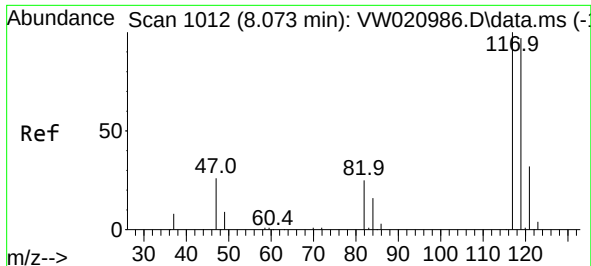
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

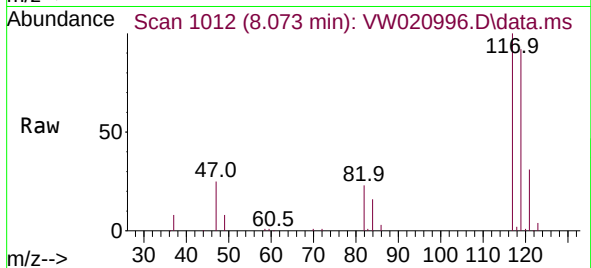
61 42.3 40.9 61.3



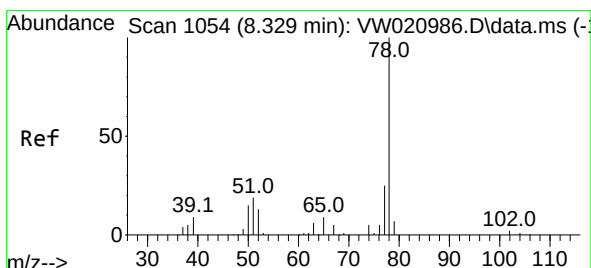
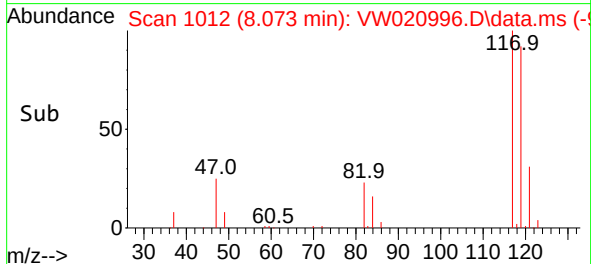
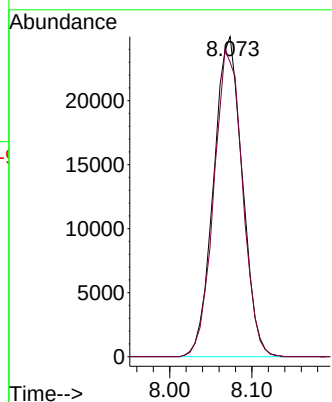


#31
Carbon tetrachloride
Concen: 26.094 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Instrument :
MSVOA_W
ClientSampleId :

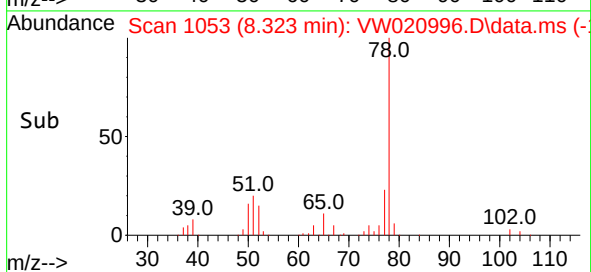
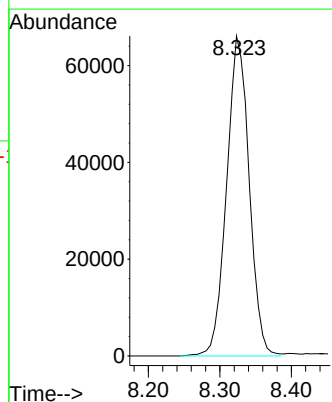
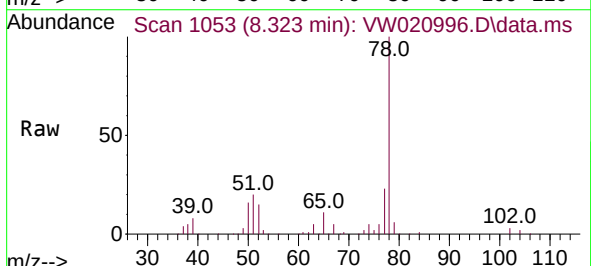


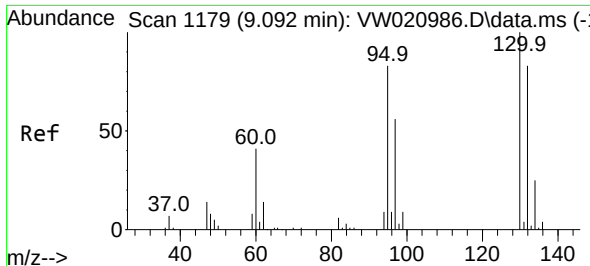
Tgt Ion:117 Resp: 60702
Ion Ratio Lower Upper
117 100
119 95.8 75.7 113.5



#33
Benzene
Concen: 25.016 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion: 78 Resp: 144766

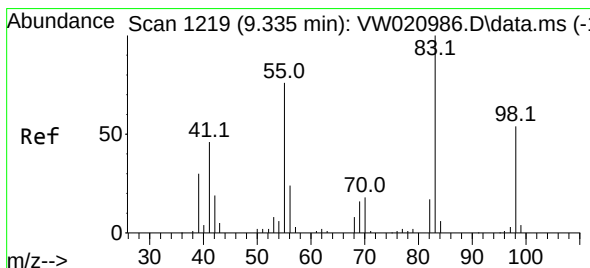
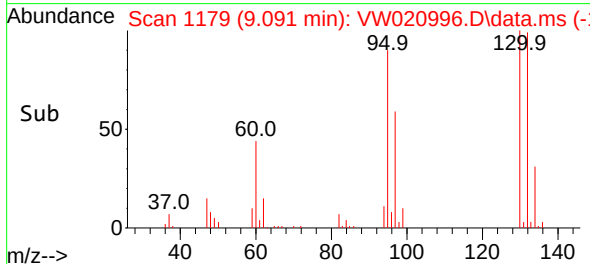
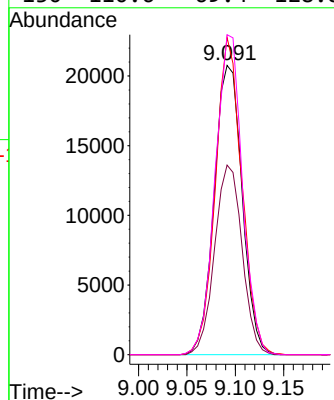
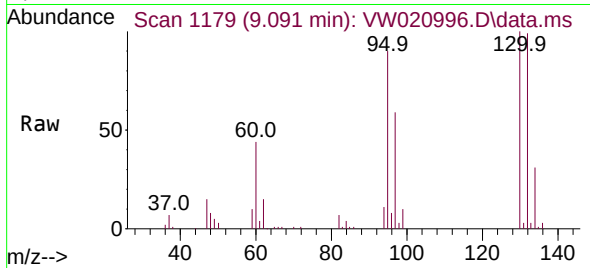




#34
Trichloroethene
Concen: 25.797 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

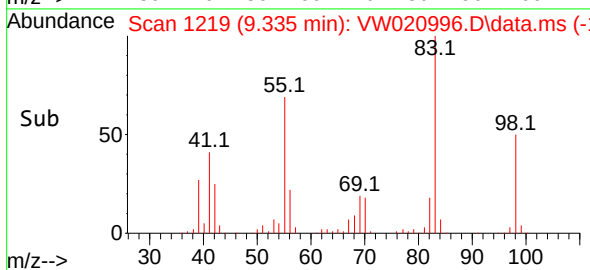
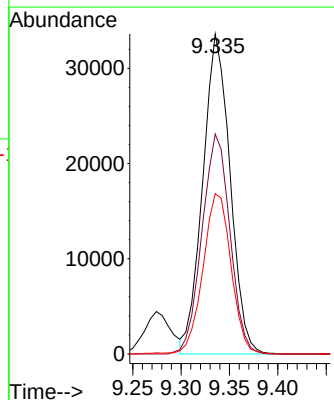
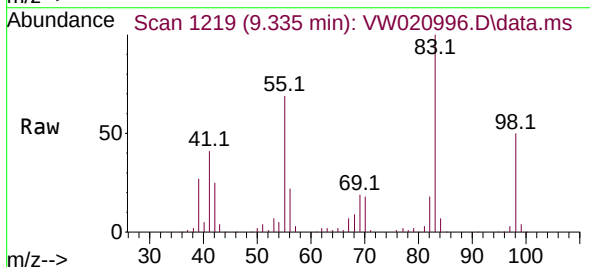
Instrument :
MSVOA_W
ClientSampleId :

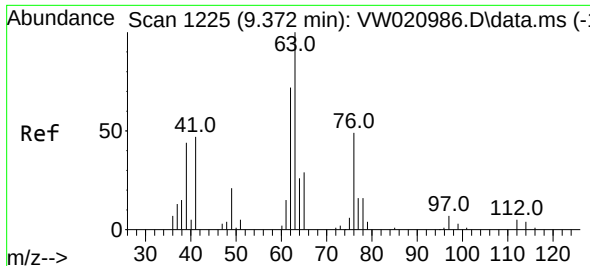
Tgt Ion: 95 Resp: 41756
Ion Ratio Lower Upper
95 100
97 65.5 47.0 87.2
132 109.6 65.5 121.6
130 110.6 69.4 128.8



#35
Methylcyclohexane
Concen: 24.759 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion: 83 Resp: 66076
Ion Ratio Lower Upper
83 100
55 70.2 70.8 106.2#
98 51.3 37.7 56.5

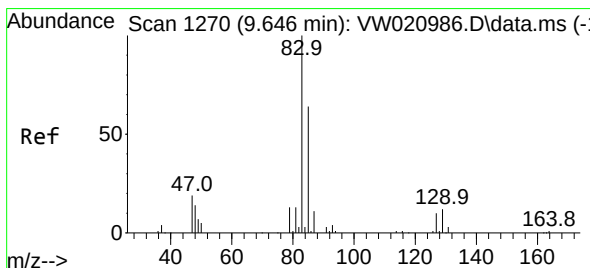
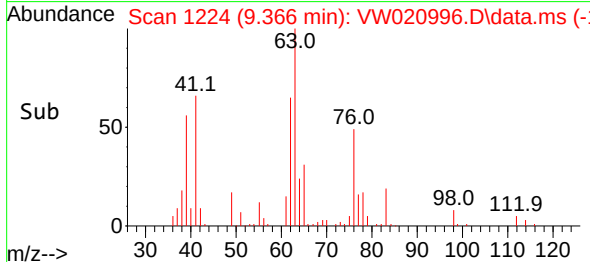
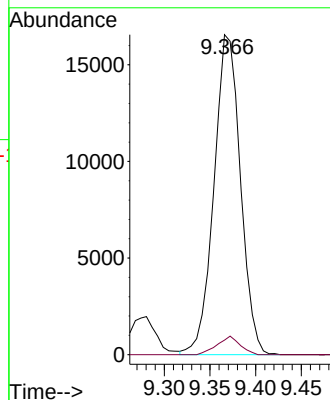
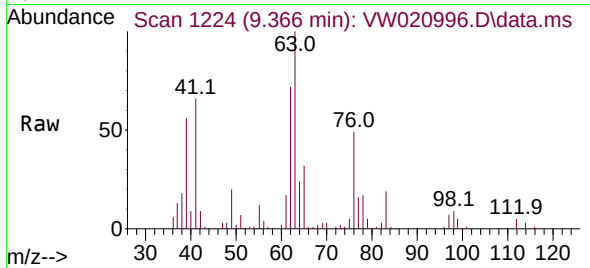




#37
1,2-Dichloropropane
Concen: 24.826 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

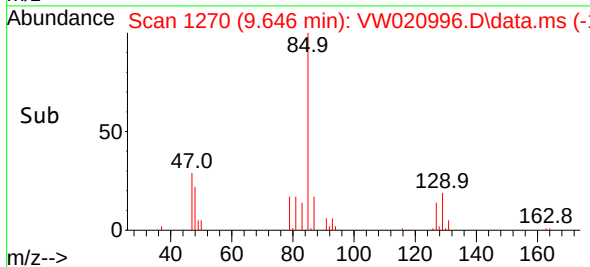
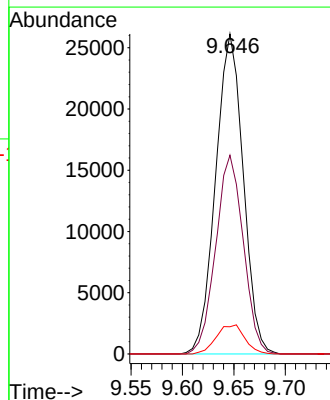
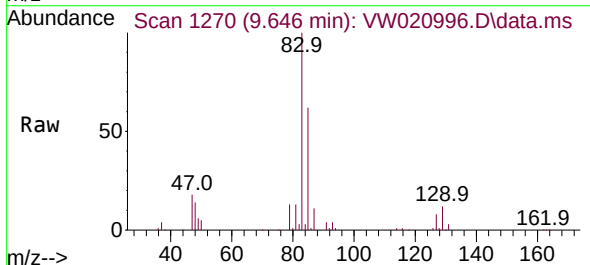
Instrument :
MSVOA_W
ClientSampleId :

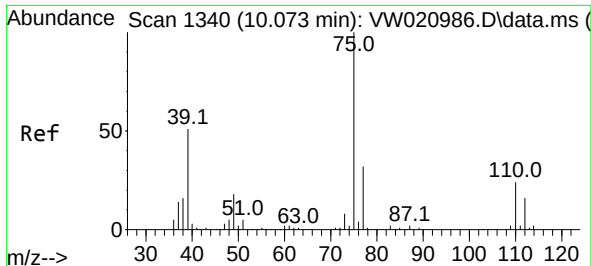
Tgt Ion: 63 Resp: 33436
Ion Ratio Lower Upper
63 100
112 5.0 3.2 4.8#



#38
Bromodichloromethane
Concen: 25.251 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion: 83 Resp: 48805
Ion Ratio Lower Upper
83 100
85 62.1 44.1 81.9
127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 24.593 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

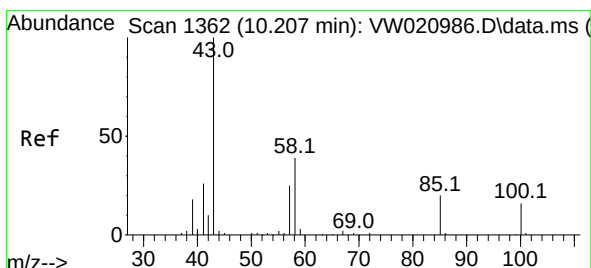
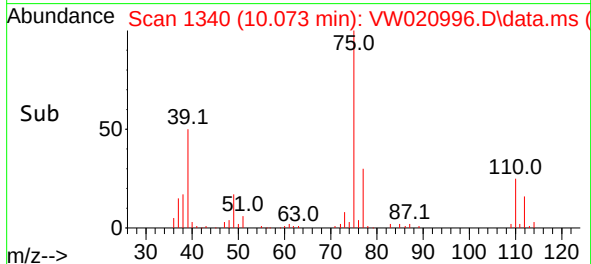
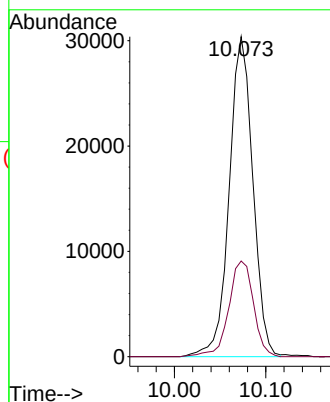
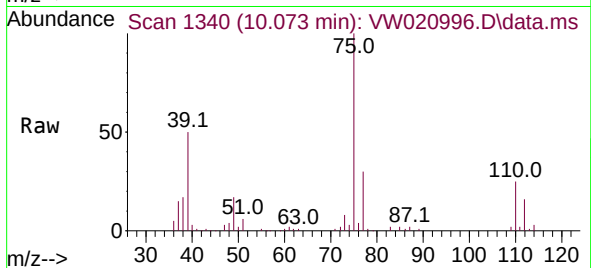
ClientSampleId :

Tgt Ion: 75 Resp: 54688

Ion Ratio Lower Upper

75 100

77 29.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.803 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

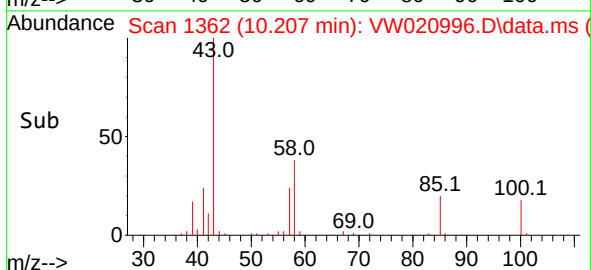
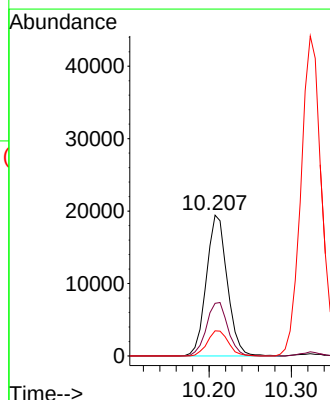
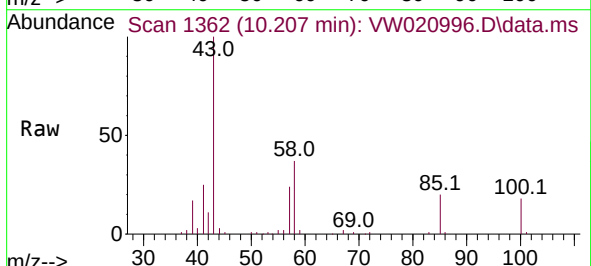
Tgt Ion: 43 Resp: 34312

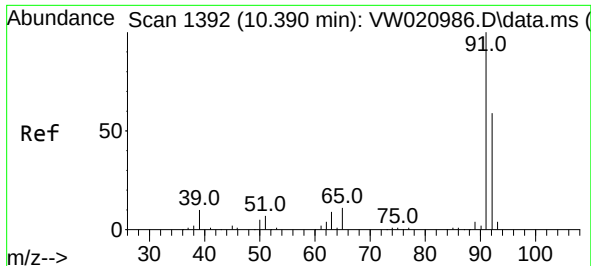
Ion Ratio Lower Upper

43 100

58 38.8 28.8 43.2

100 17.9 10.0 15.0#

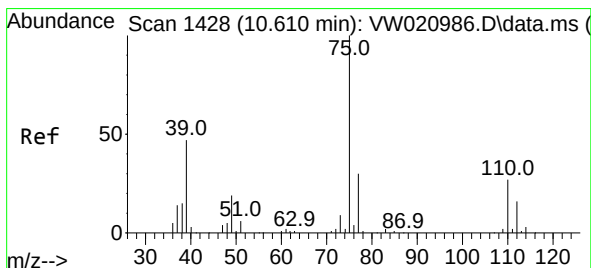
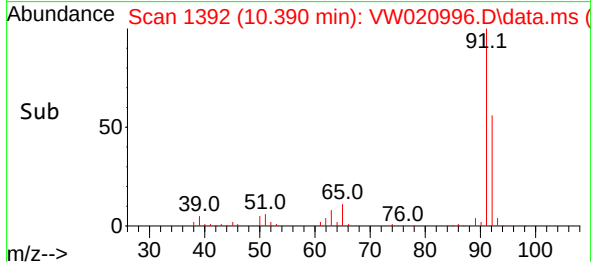
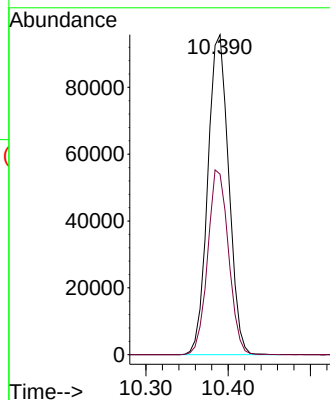
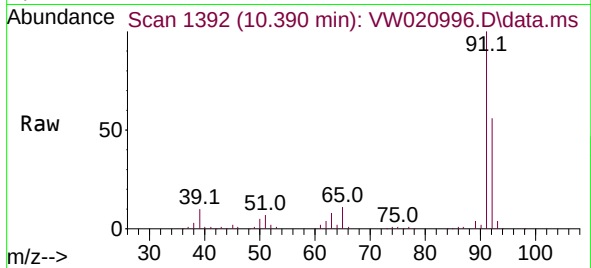




#42
Toluene
Concen: 25.994 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

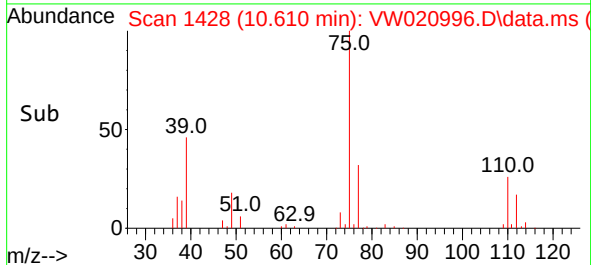
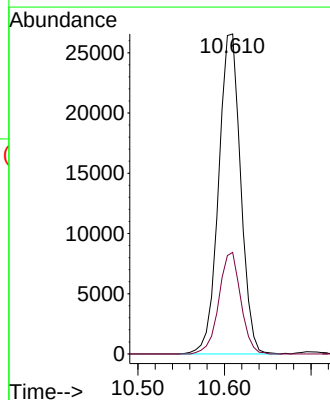
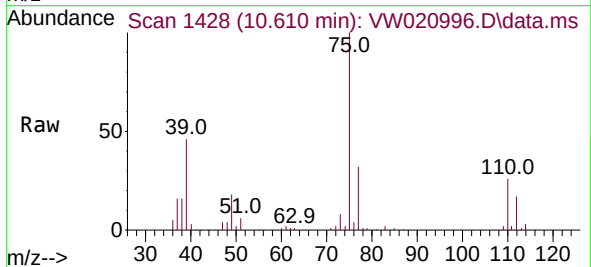
Instrument :
MSVOA_W
ClientSampleId :

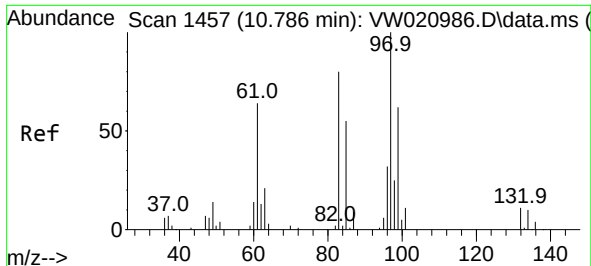
Tgt Ion: 91 Resp: 169200
Ion Ratio Lower Upper
91 100
92 56.4 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.043 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

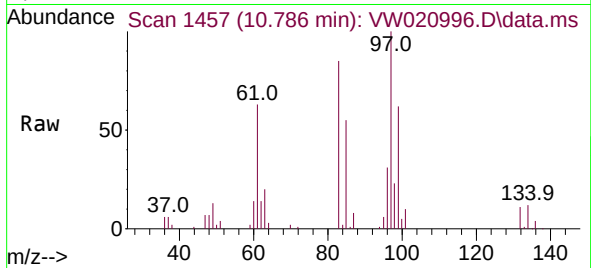
Tgt Ion: 75 Resp: 46987
Ion Ratio Lower Upper
75 100
77 31.8 22.2 41.2



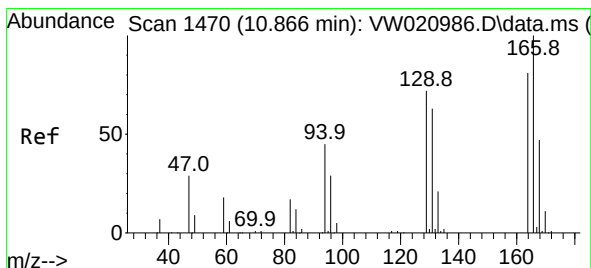
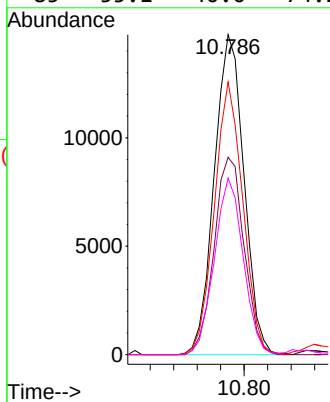
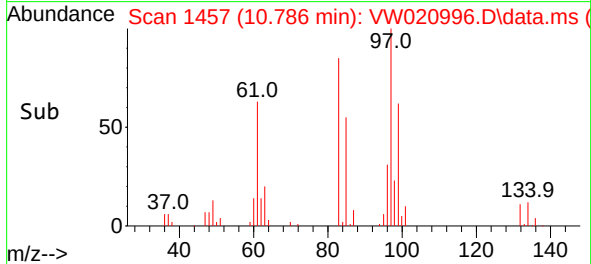


#45
1,1,2-Trichloroethane
Concen: 24.714 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

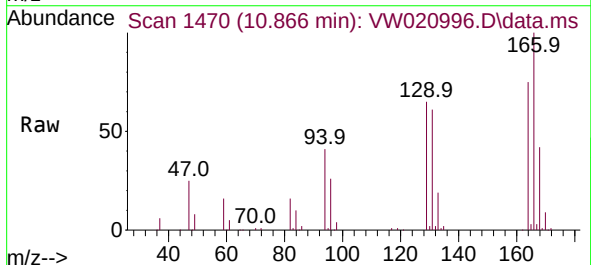
Instrument :
MSVOA_W
ClientSampleId :



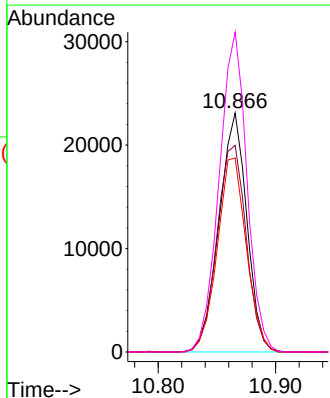
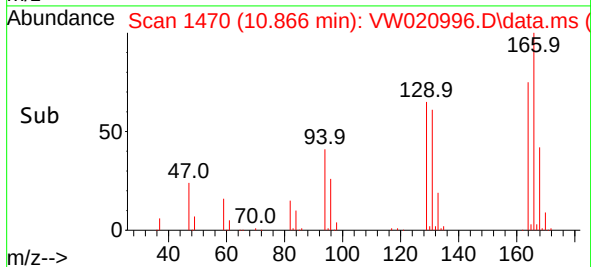
Tgt Ion: 97	Resp: 25887
Ion Ratio	Lower Upper
97 100	
99 61.7	43.0 79.8
83 85.3	62.6 116.3
85 55.1	40.0 74.2

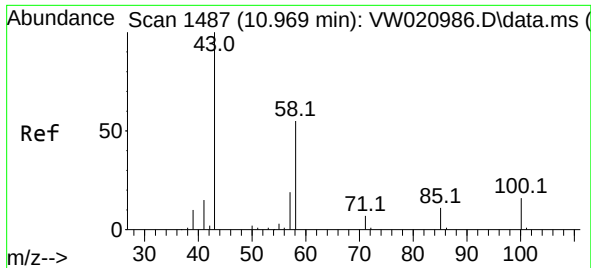


#46
Tetrachloroethene
Concen: 25.546 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37



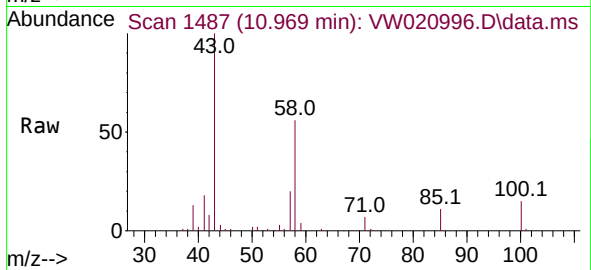
Tgt	Ion:164	Resp:	37966
Ion	Ratio	Lower	Upper
164	100		
129	86.5	65.5	121.7
131	81.2	59.7	110.9
166	133.9	88.7	164.7



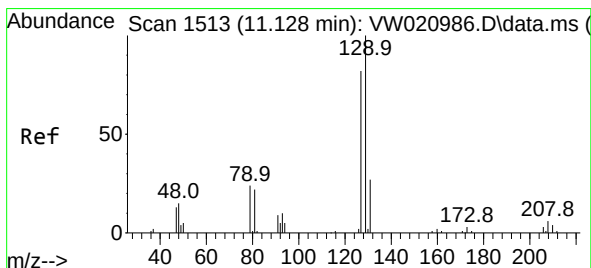
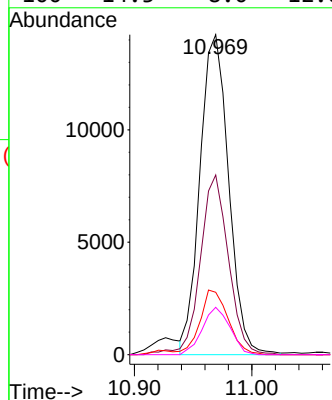
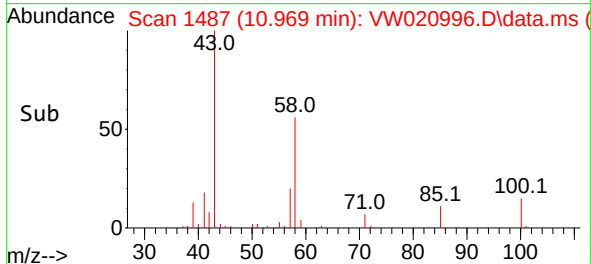


#48
2-Hexanone
Concen: 43.606 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Instrument :
MSVOA_W
ClientSampleId :

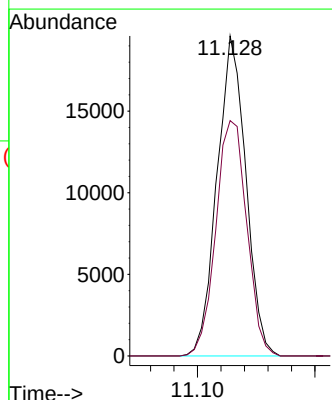
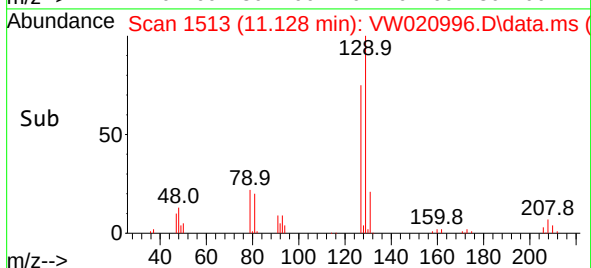
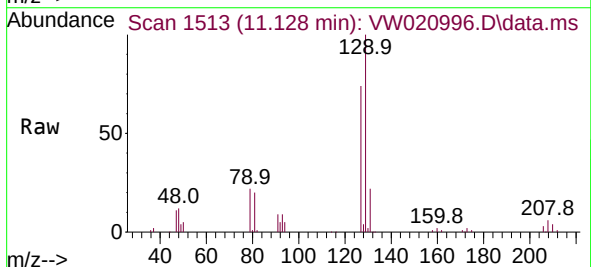


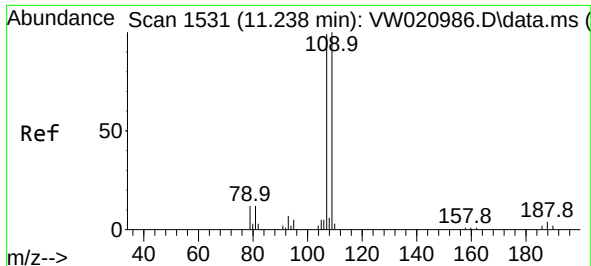
Tgt Ion: 43 Resp: 24213
Ion Ratio Lower Upper
43 100
58 54.2 40.2 60.2
57 19.9 14.3 21.5
100 14.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.172 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion: 129 Resp: 33462
Ion Ratio Lower Upper
129 100
127 73.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.929 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020996.D

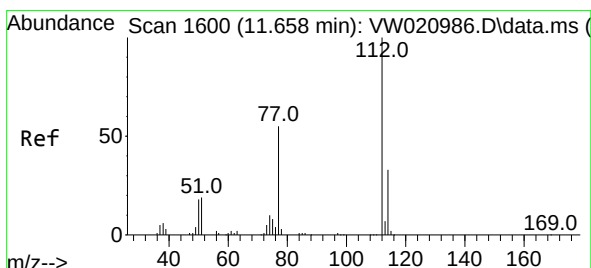
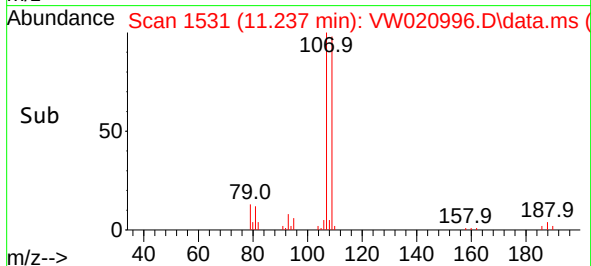
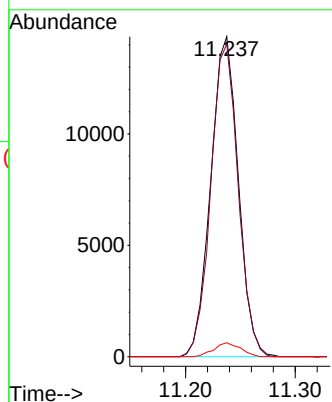
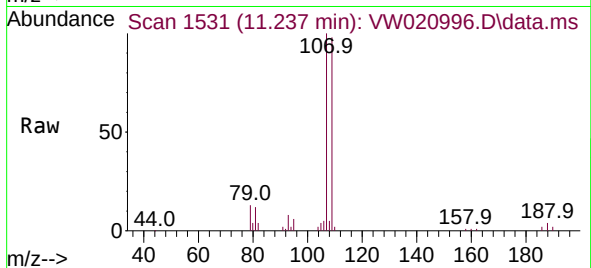
Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	25130
Ion Ratio	Lower	Upper
107	100	
109	97.7	64.1 119.1
188	4.4	2.6 3.8#



#51

Chlorobenzene

Concen: 25.412 ug/L

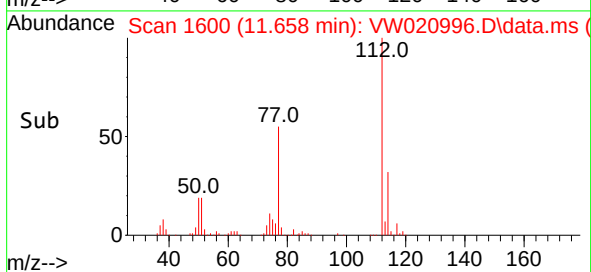
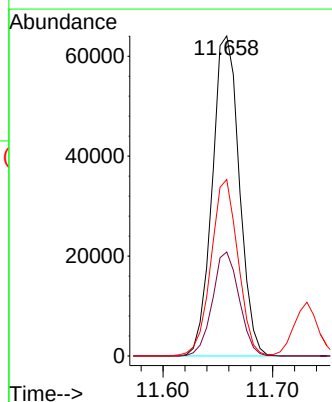
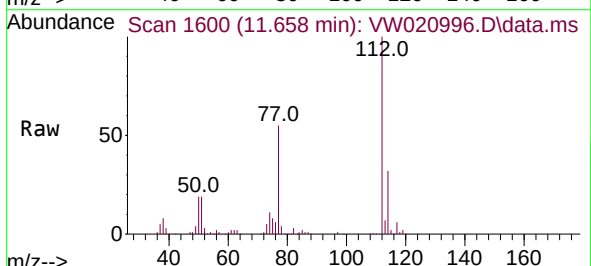
RT: 11.658 min Scan# 1600

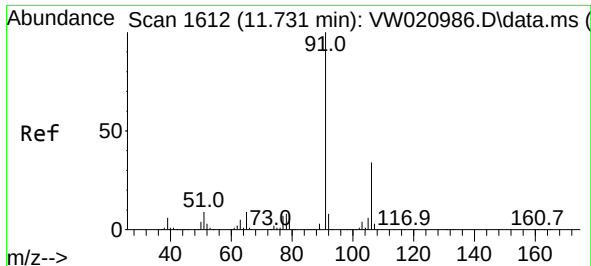
Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Tgt Ion:112	Resp:	110017
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.4 41.6
77	55.2	50.2 75.4

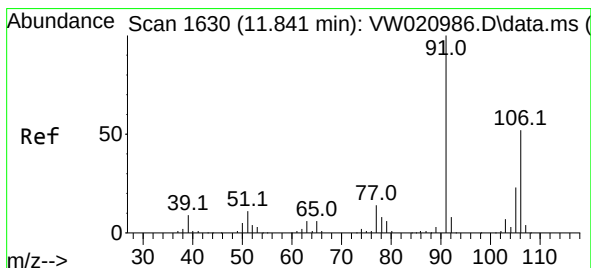
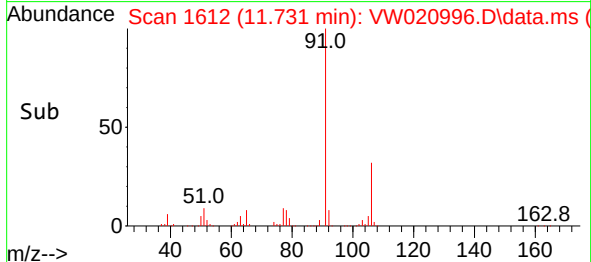
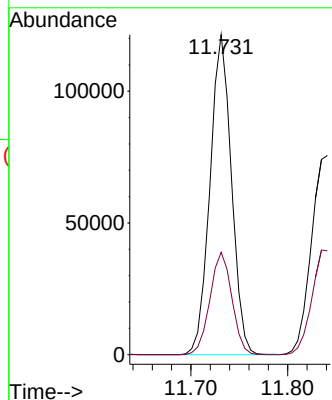
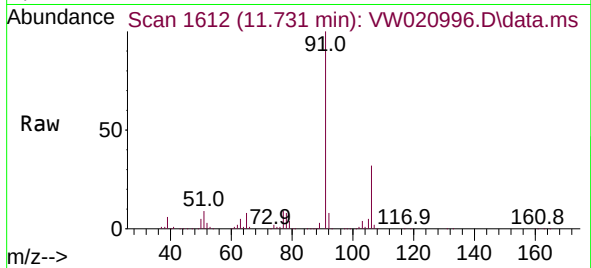




#52
Ethylbenzene
Concen: 25.942 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

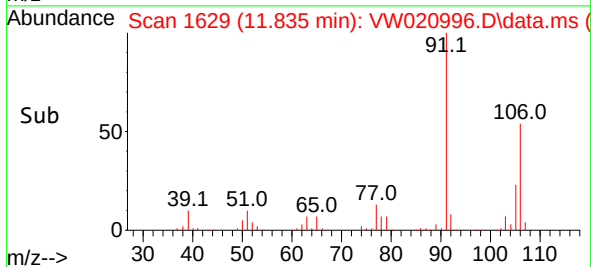
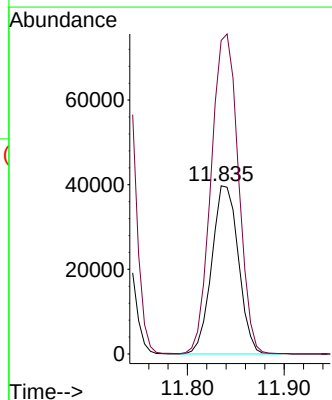
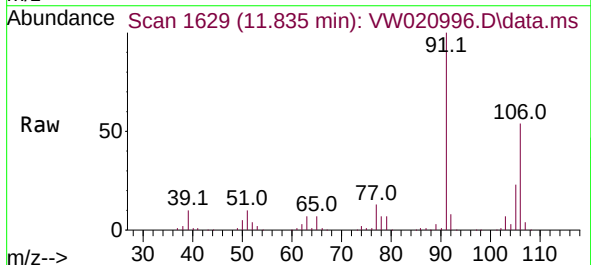
Instrument :
MSVOA_W
ClientSampleId :

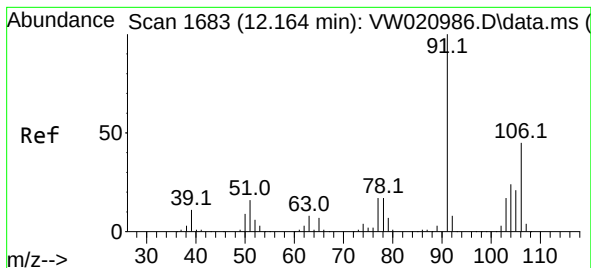
Tgt Ion: 91 Resp: 187117
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 25.813 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion:106 Resp: 76015
Ion Ratio Lower Upper
106 100
91 186.5 149.9 278.3





#54

o-Xylene

Concen: 25.373 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

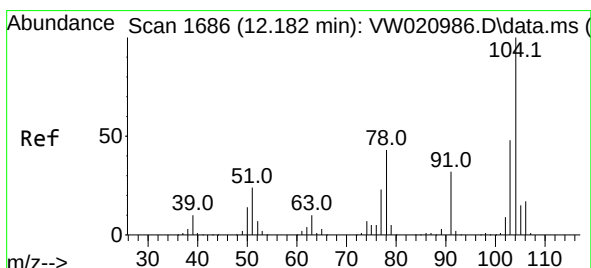
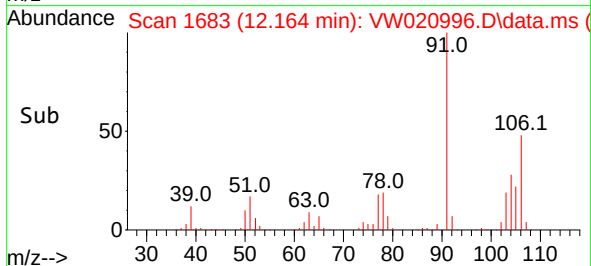
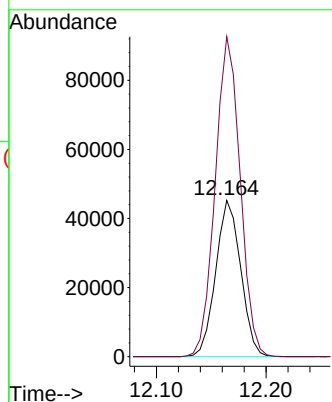
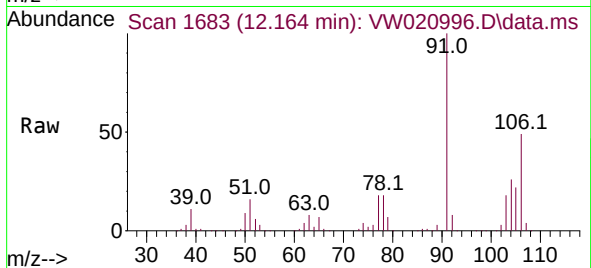
ClientSampleId :

Tgt Ion:106 Resp: 71761

Ion Ratio Lower Upper

106 100

91 204.6 153.6 285.3



#55

Styrene

Concen: 25.569 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW020996.D

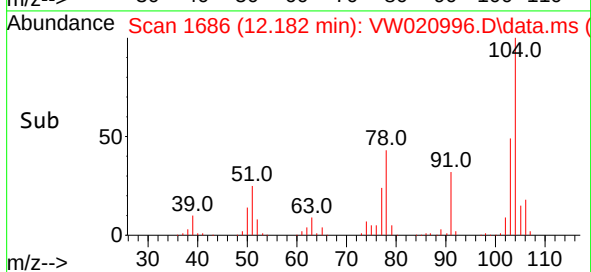
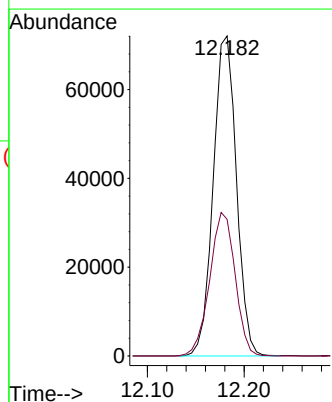
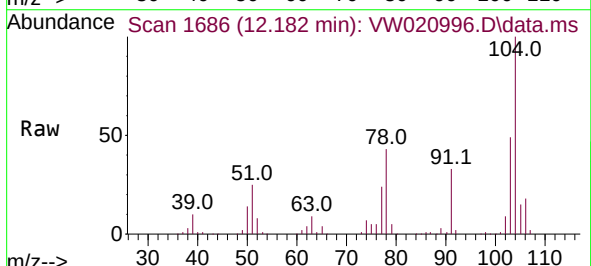
Acq: 01 Dec 2021 08:37

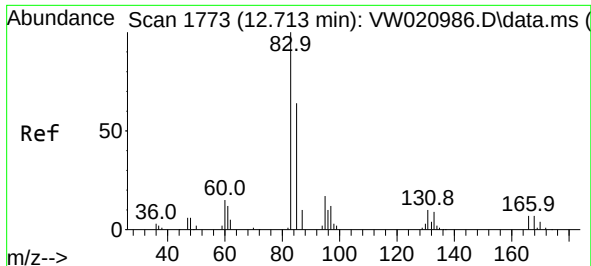
Tgt Ion:104 Resp: 120075

Ion Ratio Lower Upper

104 100

78 42.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.658 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020996.D

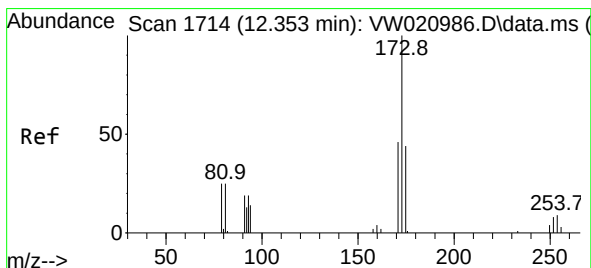
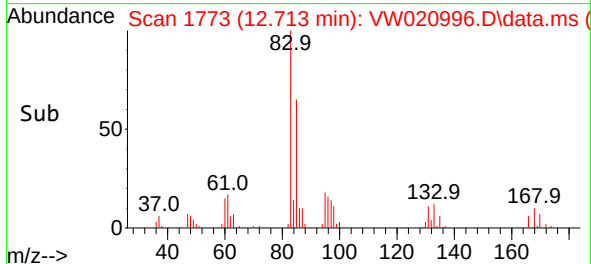
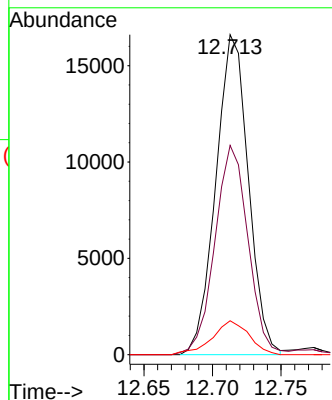
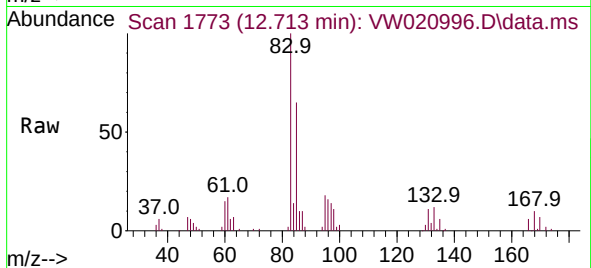
Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	27466
Ion	Ratio	Lower	Upper
83	100		
85	65.4	44.0	81.6
131	10.6	6.9	10.3#



#59

Bromoform

Concen: 22.343 ug/L

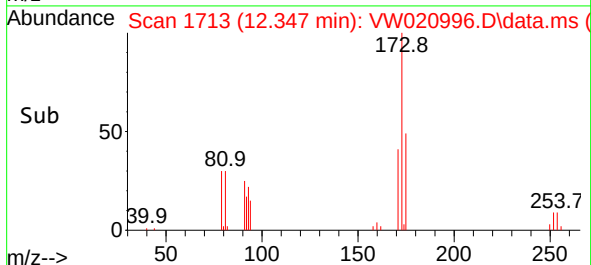
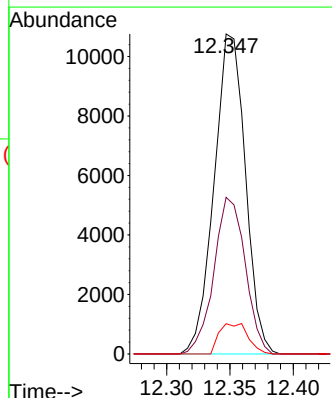
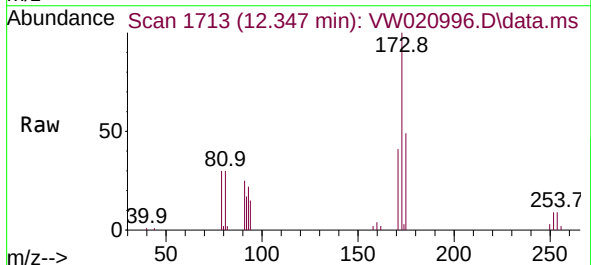
RT: 12.347 min Scan# 1713

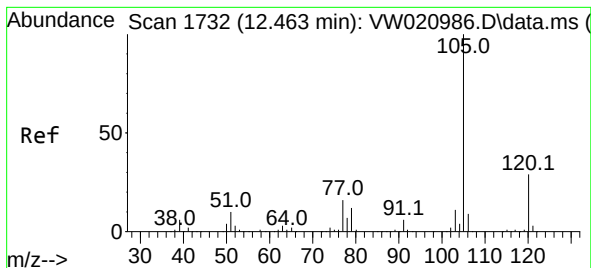
Delta R.T. -0.006 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Tgt Ion:	173	Resp:	18495
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.6	59.4
254	8.8	7.4	11.0





#60

Isopropylbenzene

Concen: 26.615 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

ClientSampleId :

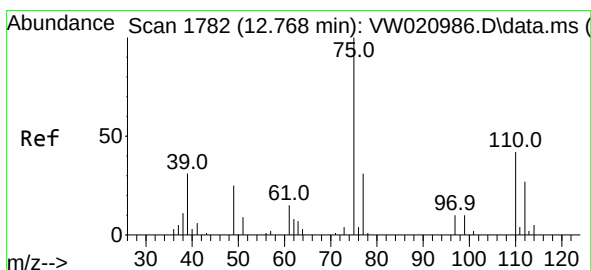
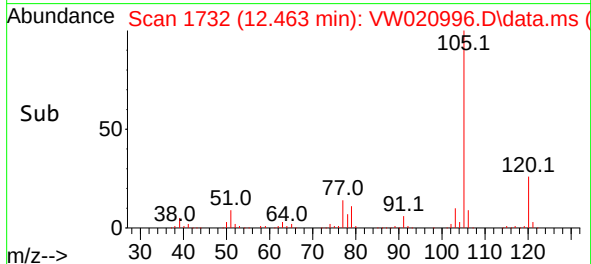
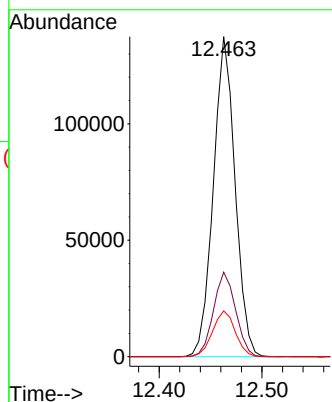
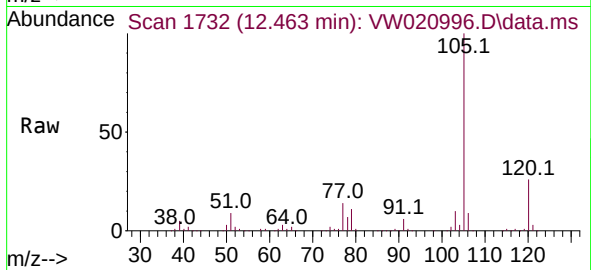
Tgt Ion:105 Resp: 201250

Ion Ratio Lower Upper

105 100

120 26.9 20.1 30.1

77 15.0 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 24.765 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

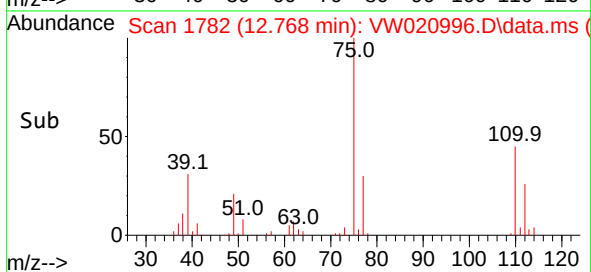
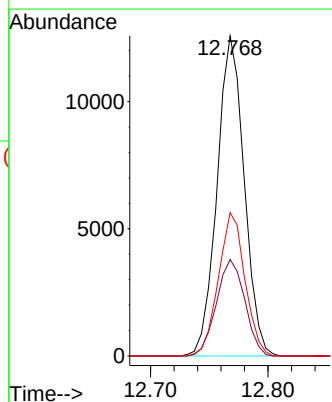
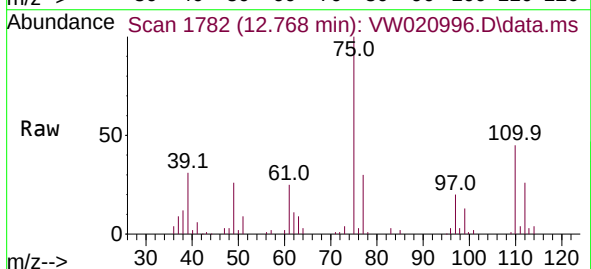
Tgt Ion: 75 Resp: 20167

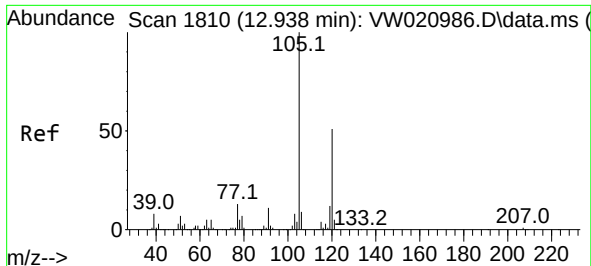
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8

110 43.9 29.0 43.4#

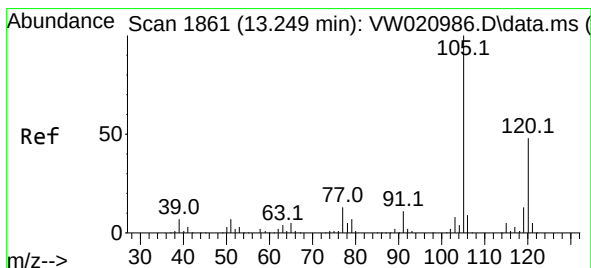
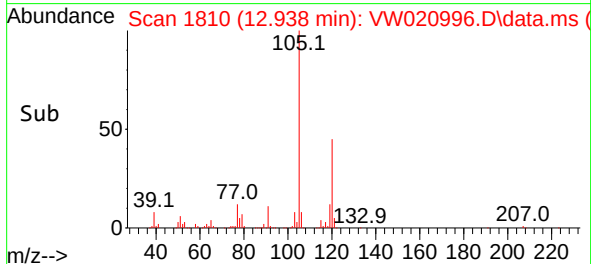
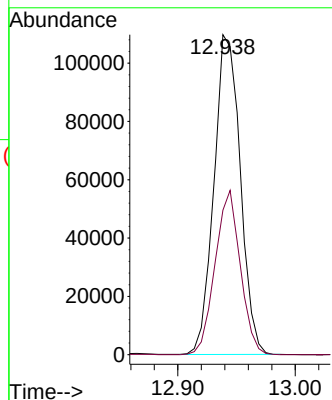
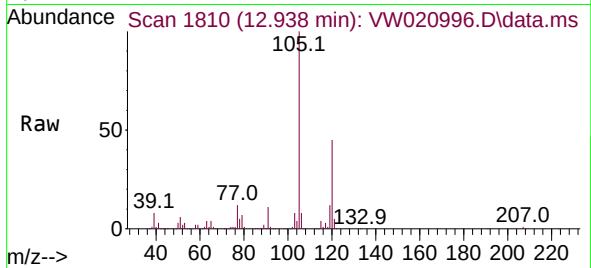




#62
1,3,5-Trimethylbenzene
Concen: 26.736 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

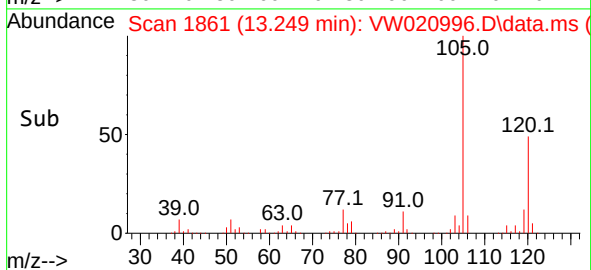
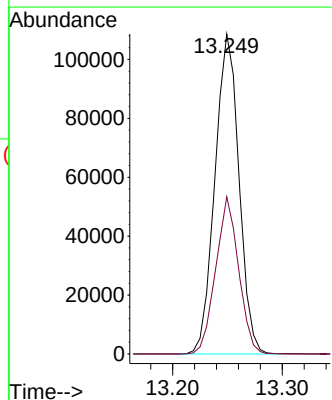
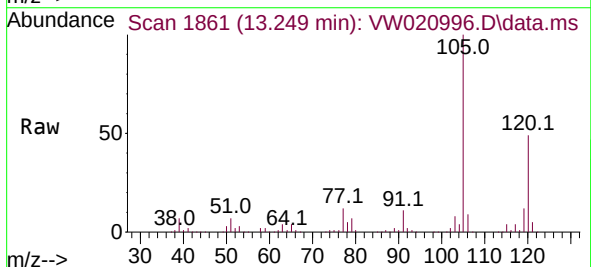
Instrument :
MSVOA_W
ClientSampleId :

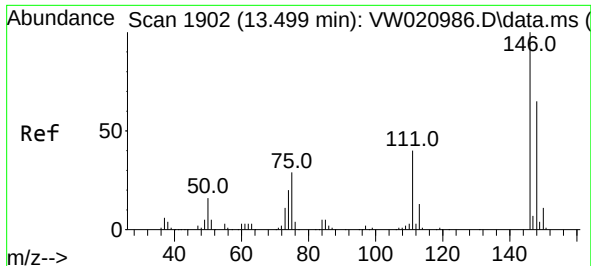
Tgt Ion:105 Resp: 170542
Ion Ratio Lower Upper
105 100
120 49.2 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.305 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020996.D
Acq: 01 Dec 2021 08:37

Tgt Ion:105 Resp: 165550
Ion Ratio Lower Upper
105 100
120 46.8 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 26.070 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

ClientSampleId :

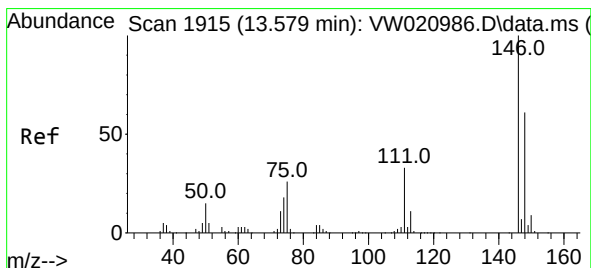
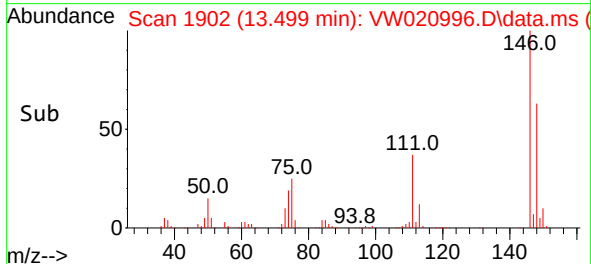
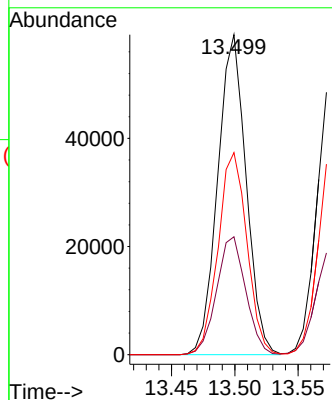
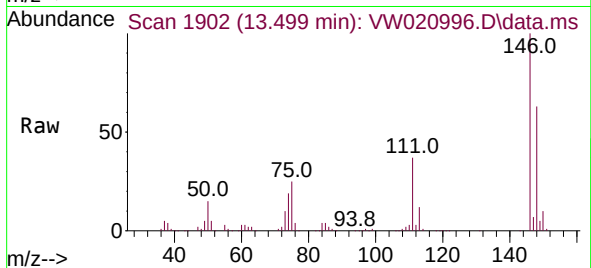
Tgt Ion:146 Resp: 92421

Ion Ratio Lower Upper

146 100

111 36.8 29.8 55.3

148 63.2 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 25.473 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

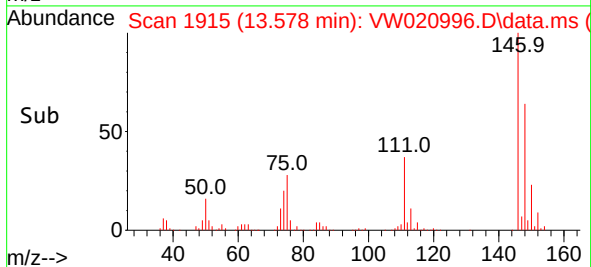
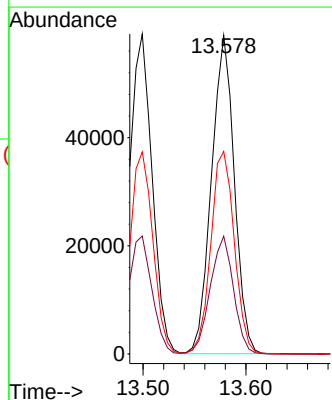
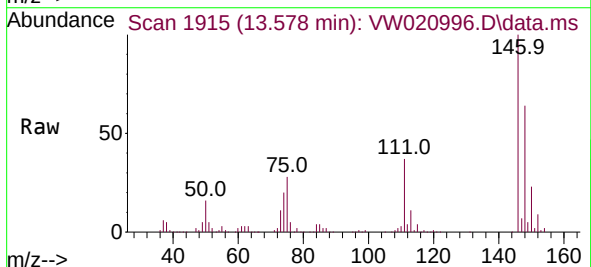
Tgt Ion:146 Resp: 91094

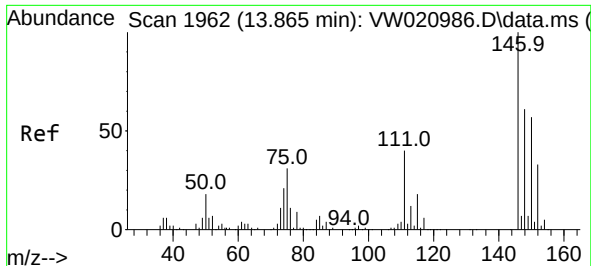
Ion Ratio Lower Upper

146 100

111 36.9 29.0 53.9

148 63.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.476 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

ClientSampleId :

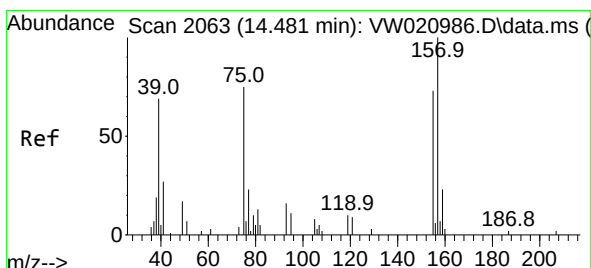
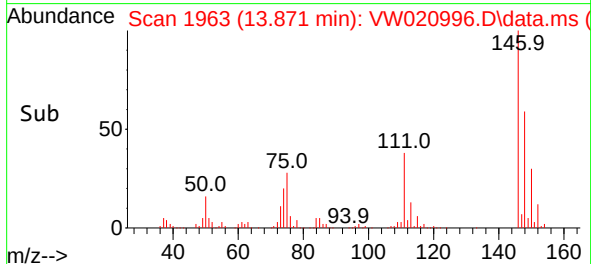
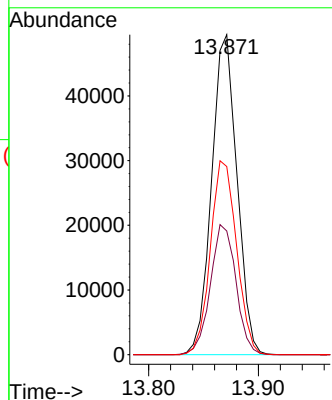
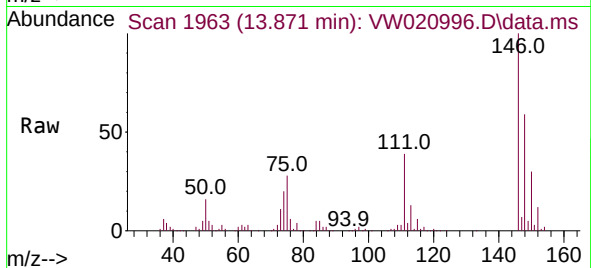
Tgt Ion:146 Resp: 79586

Ion Ratio Lower Upper

146 100

111 38.6 33.1 49.7

148 58.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.332 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

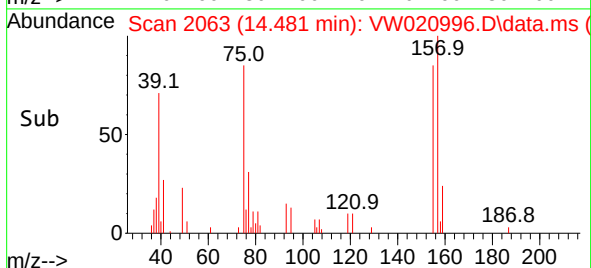
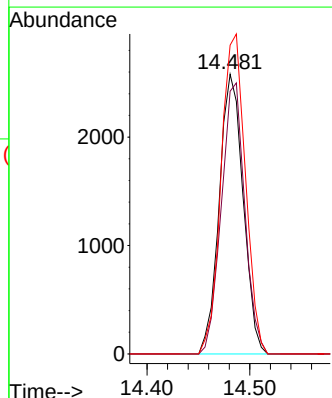
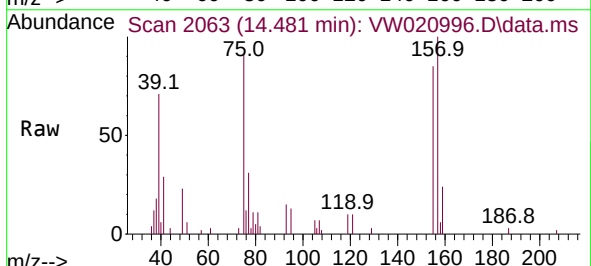
Tgt Ion: 75 Resp: 4153

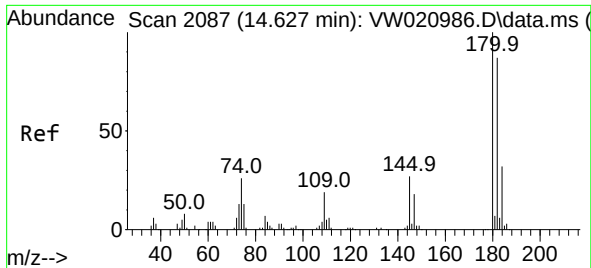
Ion Ratio Lower Upper

75 100

155 94.0 54.2 81.2#

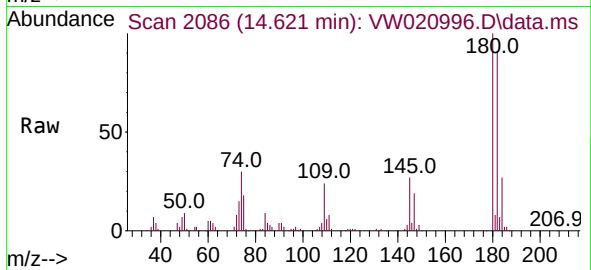
157 110.4 69.4 104.2#



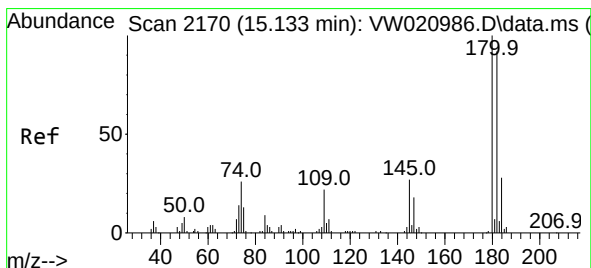
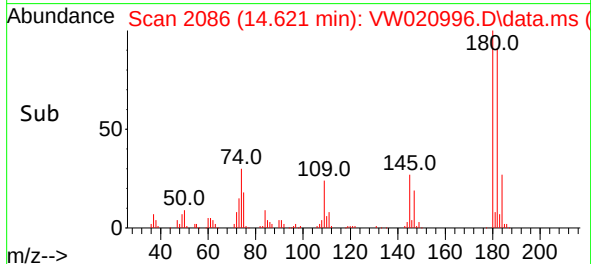
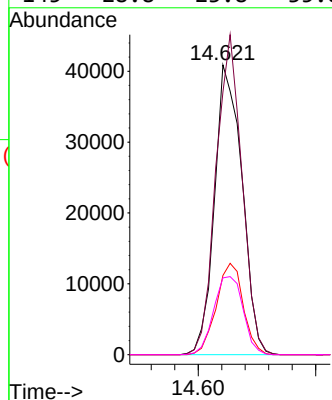


#69
 1,3,5-Trichlorobenzene
 Concen: 23.686 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

Instrument :
 MSVOA_W
 ClientSampleId :

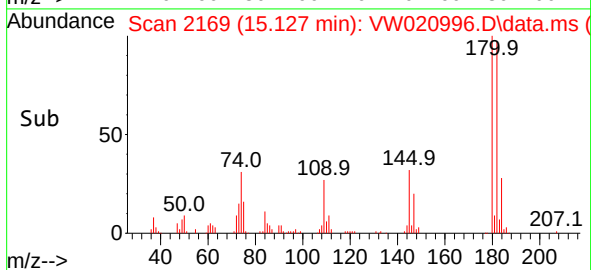
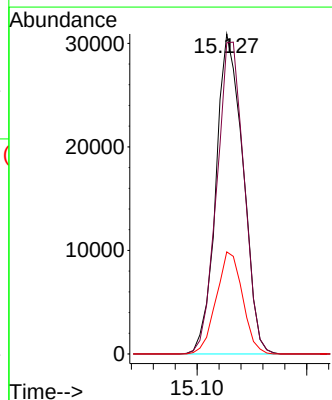
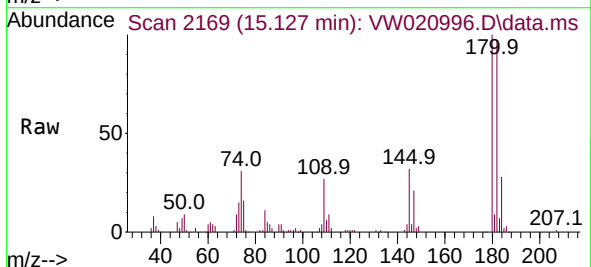


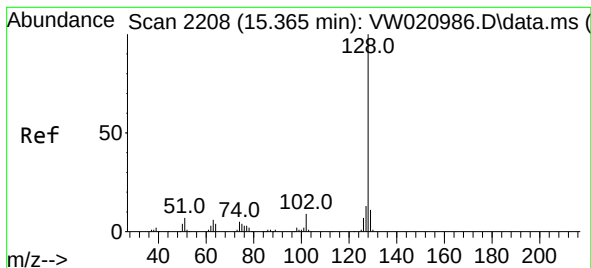
Tgt Ion:180 Resp: 66507
 Ion Ratio Lower Upper
 180 100
 182 104.4 75.4 113.0
 184 30.9 23.8 35.8
 145 28.8 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 23.039 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW020996.D
 Acq: 01 Dec 2021 08:37

Tgt Ion:180 Resp: 52924
 Ion Ratio Lower Upper
 180 100
 182 98.3 79.0 118.6
 145 31.0 26.0 39.0





#71

Naphthalene

Concen: 23.374 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW020996.D

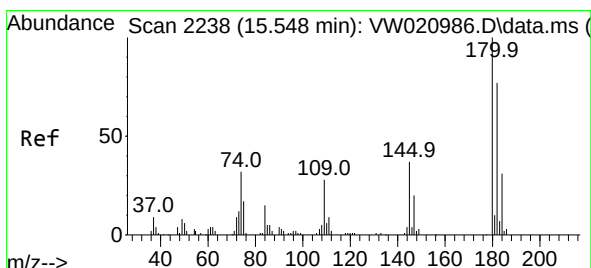
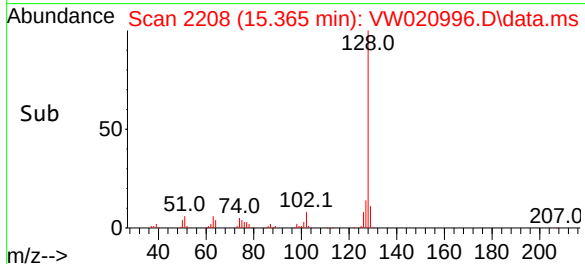
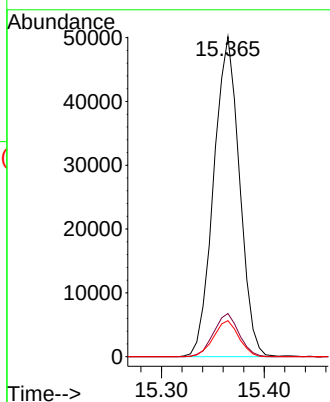
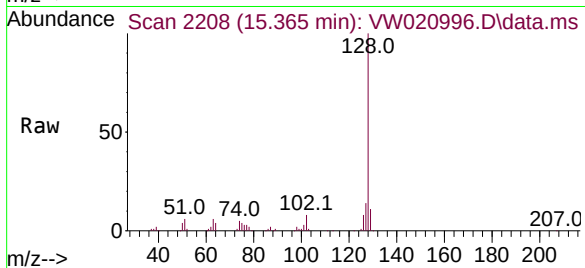
Acq: 01 Dec 2021 08:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	87488
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.7 16.1
129	11.0	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.495 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW020996.D

Acq: 01 Dec 2021 08:37

Tgt Ion:180	Resp:	47482
Ion Ratio	Lower	Upper
180	100	
182	93.2	76.6 114.8
145	29.4	27.4 41.0

