

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031022\
 Data File : VW022283.D
 Acq On : 10 Mar 2022 19:09
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 11 03:12:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 03:07:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	110189	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	104491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38245	26.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.440%	
7) Chloroethane-d5	2.879	69	31119	27.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.080%	
11) 1,1-Dichloroethene-d2	4.019	63	51795	23.534	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 94.120%	
21) 2-Butanone-d5	7.073	46	19203	79.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 158.940%#	
24) Chloroform-d	7.646	84	67810	27.582	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.320%	
26) 1,2-Dichloroethane-d4	8.305	65	35515	27.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.160%	
32) Benzene-d6	8.274	84	124283	25.557	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.240%	
36) 1,2-Dichloropropane-d6	9.274	67	36254	26.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 107.360%	
41) Toluene-d8	10.323	98	122823	25.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.600%	
43) trans-1,3-Dichloroprop...	10.579	79	16051	26.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.240%	
47) 2-Hexanone-d5	10.920	63	16202	72.942	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 145.880%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40592	34.248	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 137.000%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	51163	25.864	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	9757	31.684	ug/L	95
3) Chloromethane	2.215	50	24966	23.659	ug/L	96
5) Vinyl chloride	2.361	62	39527	24.930	ug/L	99
6) Bromomethane	2.775	94	25548	23.071	ug/L	81
8) Chloroethane	2.916	64	23975	26.917	ug/L	98
9) Trichlorofluoromethane	3.251	101	25594	23.776	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33514	25.518	ug/L	97
12) 1,1-Dichloroethene	4.037	96	27688	24.325	ug/L	96
13) Acetone	4.123	43	12774	64.723	ug/L	97
14) Carbon disulfide	4.379	76	51032	17.293	ug/L	100
15) Methyl Acetate	4.671	43	14379	32.362	ug/L	98
16) Methylene chloride	4.915	84	31538	23.318	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	29169	23.331	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	50126	29.470	ug/L #	88
19) 1,1-Dichloroethane	6.220	63	52268	25.824	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	34362	25.372	ug/L	94
22) 2-Butanone	7.171	43	20416	72.011	ug/L	95
23) Bromochloromethane	7.512	128	17882	27.029	ug/L	92
25) Chloroform	7.677	83	63791	27.012	ug/L	99

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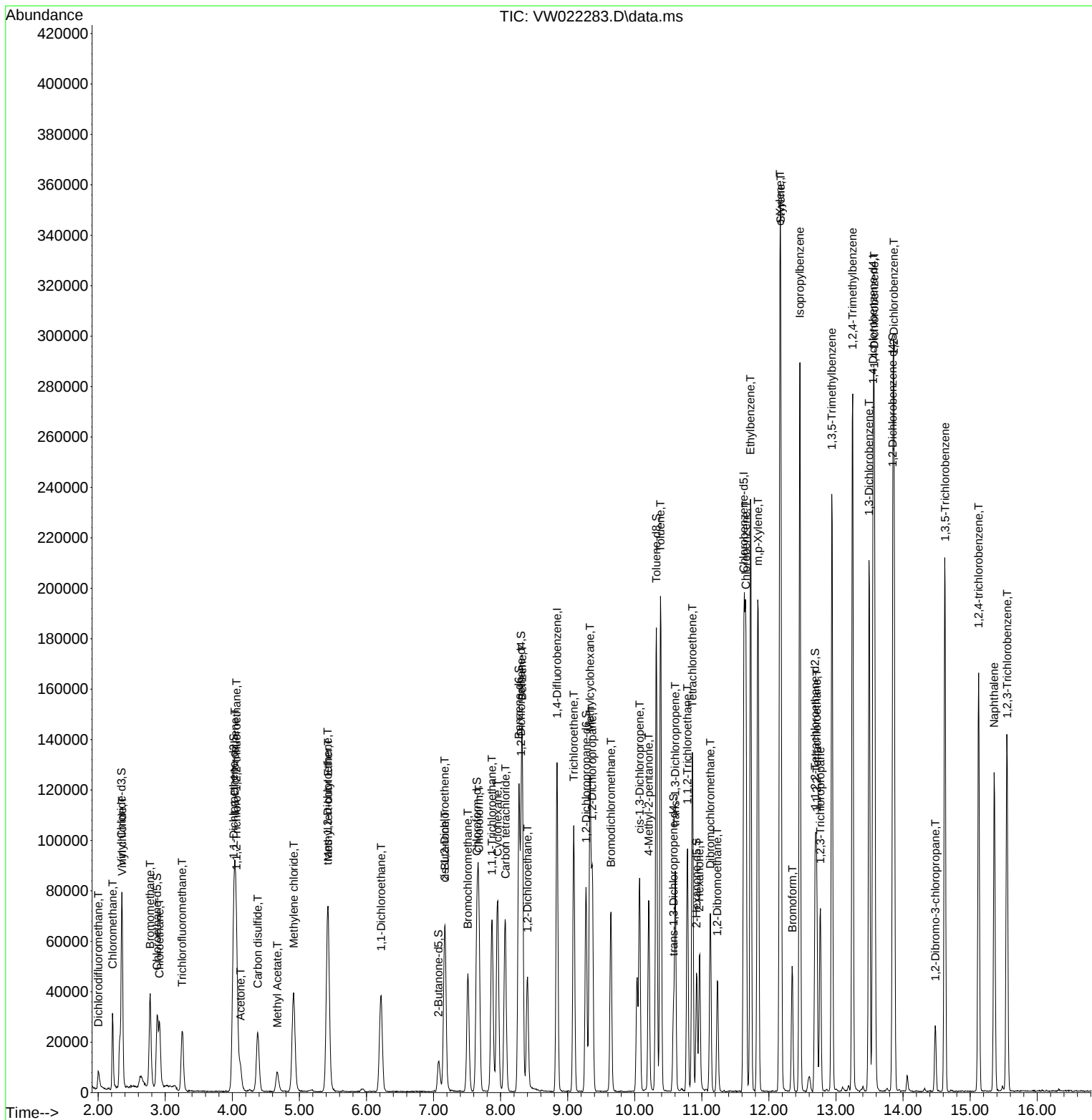
Instrument :
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 ClientSampleId :

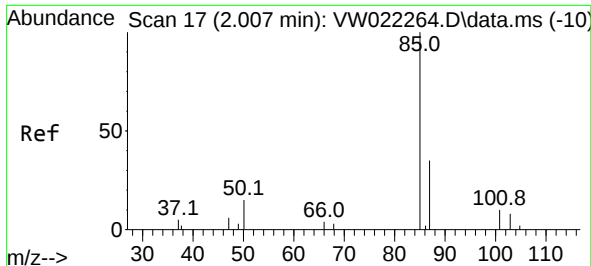
Quant Time: Mar 11 03:12:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 03:07:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	40012	27.507	ug/L	97
29) Cyclohexane	7.957	56	40607	23.352	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	55299	26.305	ug/L	99
31) Carbon tetrachloride	8.073	117	51673	25.863	ug/L	99
33) Benzene	8.323	78	127071	25.153	ug/L	100
34) Trichloroethene	9.091	95	35173	24.316	ug/L	97
35) Methylcyclohexane	9.335	83	52047	23.263	ug/L	99
37) 1,2-Dichloropropane	9.366	63	30869	26.192	ug/L	99
38) Bromodichloromethane	9.646	83	46028	27.233	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	48623	27.141	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	45317	71.201	ug/L	99
42) Toluene	10.384	91	145528	25.452	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	44885	27.881	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	29436	28.166	ug/L	90
46) Tetrachloroethene	10.859	164	31129	24.567	ug/L	95
48) 2-Hexanone	10.963	43	31714	71.793	ug/L	97
49) Dibromochloromethane	11.128	129	36550	28.792	ug/L	98
50) 1,2-Dibromoethane	11.231	107	28601	28.373	ug/L	93
51) Chlorobenzene	11.658	112	102203	25.684	ug/L	98
52) Ethylbenzene	11.725	91	164881	26.056	ug/L	99
53) m,p-Xylene	11.841	106	67142	25.786	ug/L	98
54) o-Xylene	12.164	106	65661	26.800	ug/L	97
55) Styrene	12.176	104	113603	27.659	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	39066	32.217	ug/L	98
59) Bromoform	12.353	173	21253	26.095	ug/L #	94
60) Isopropylbenzene	12.463	105	186791	25.265	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29181	30.020	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	126027	25.635	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	153678	25.578	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	90946	24.797	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	90866	24.723	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	84193	25.820	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6408	31.183	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	64817	24.623	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	51689	25.951	ug/L	97
71) Naphthalene	15.358	128	109089	31.025	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	47513	27.579	ug/L	98

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

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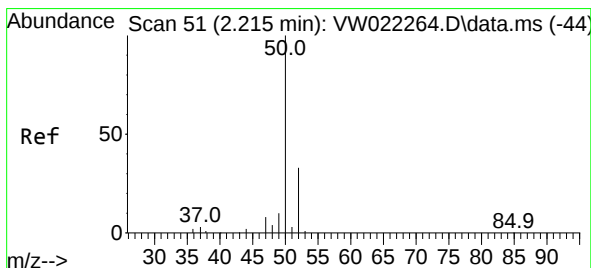
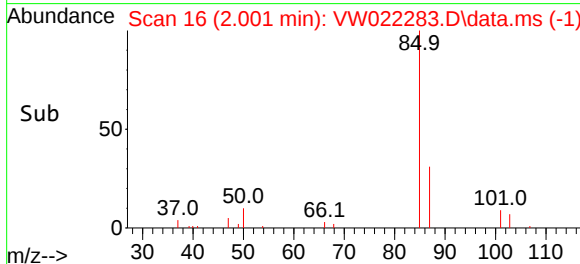
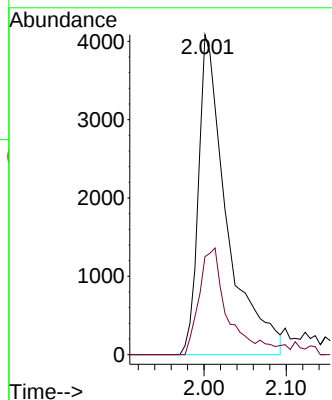
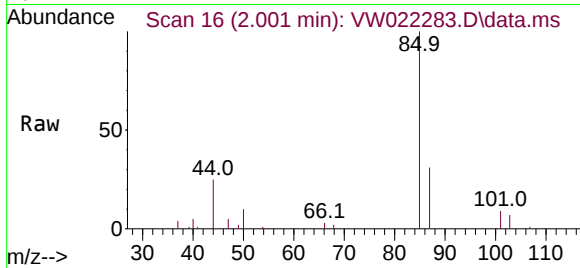




#2
 Dichlorodifluoromethane
 Concen: 31.684 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

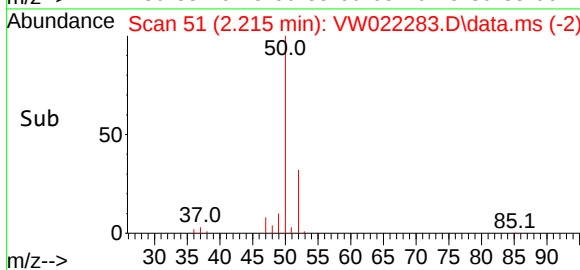
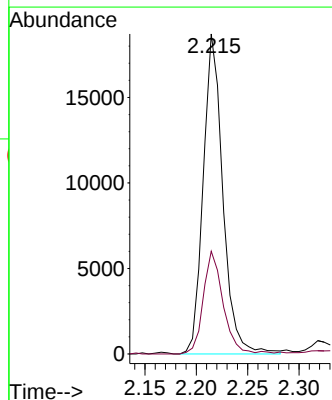
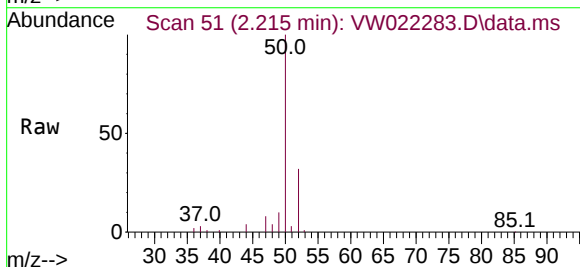
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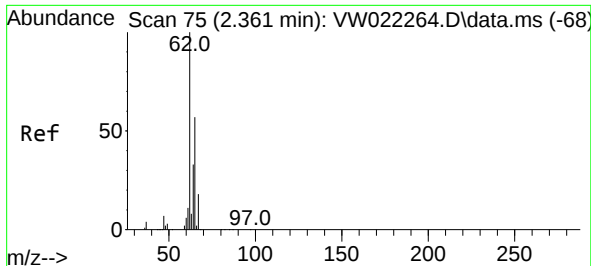
Tgt Ion: 85 Resp: 9757
 Ion Ratio Lower Upper
 85 100
 87 31.5 27.6 41.4



#3
 Chloromethane
 Concen: 23.659 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

Tgt Ion: 50 Resp: 24966
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.9 44.5

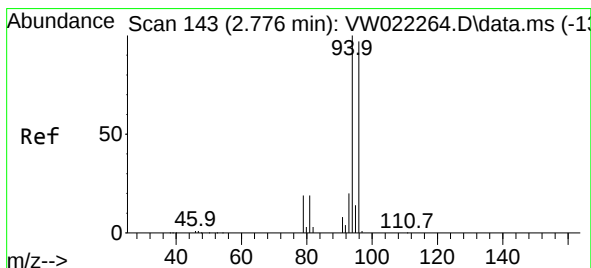
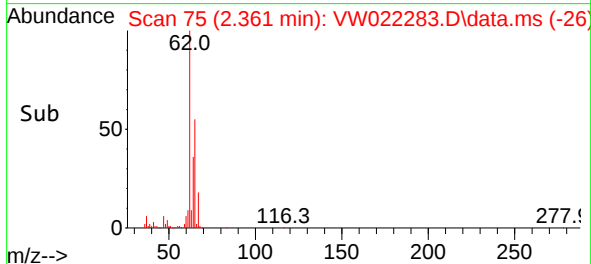
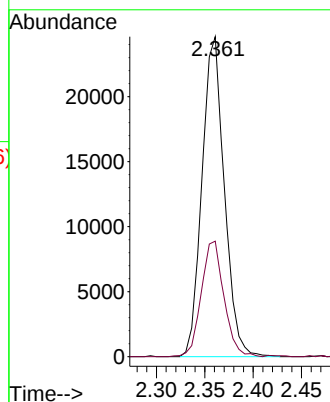
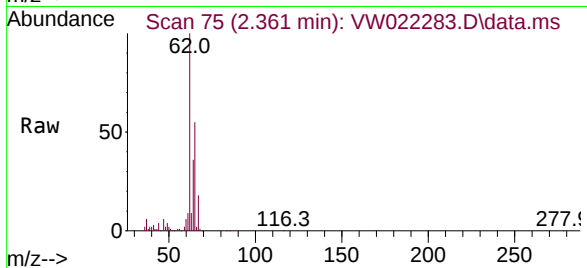




#5
 Vinyl chloride
 Concen: 24.930 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

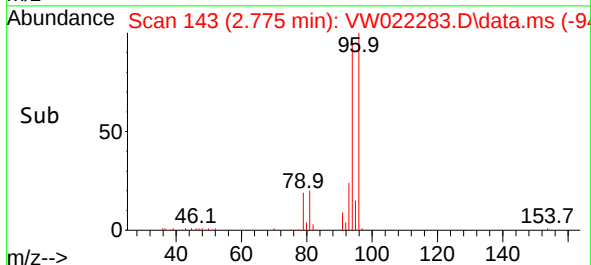
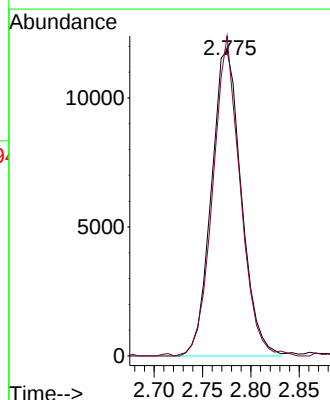
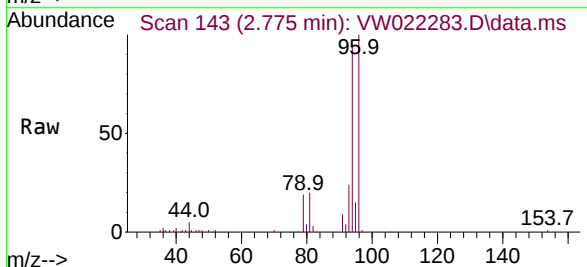
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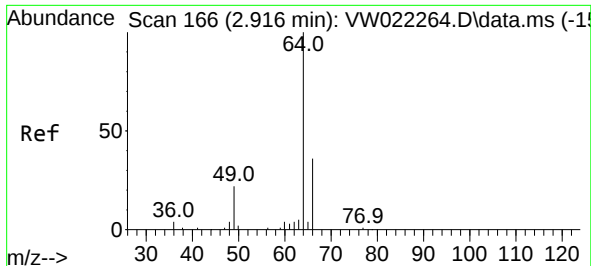
Tgt Ion: 62 Resp: 39527
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.7 45.9



#6
 Bromomethane
 Concen: 23.071 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

Tgt Ion: 94 Resp: 25548
 Ion Ratio Lower Upper
 94 100
 96 104.8 61.2 113.8

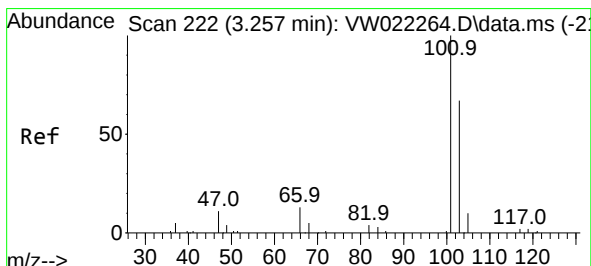
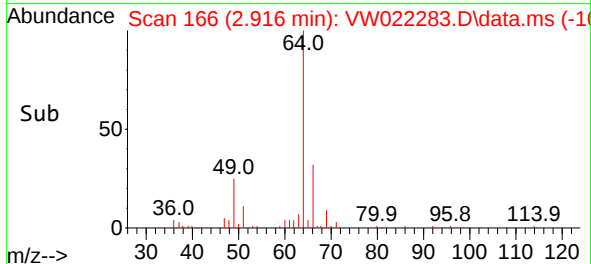
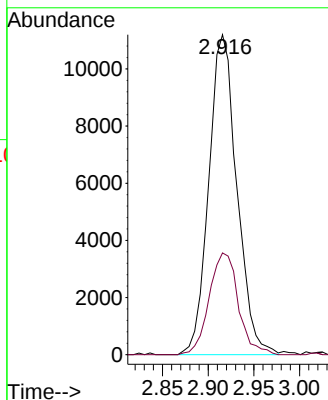
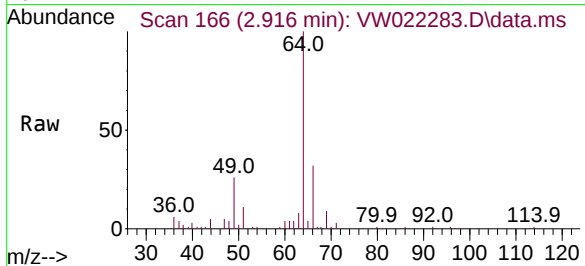




#8
Chloroethane
Concen: 26.917 ug/L
RT: 2.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

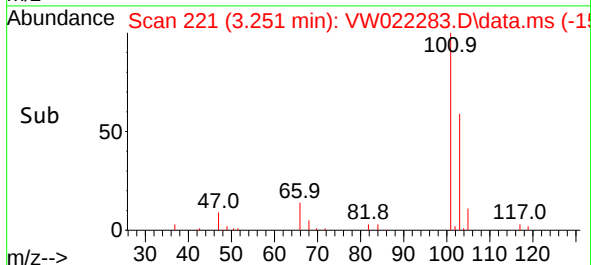
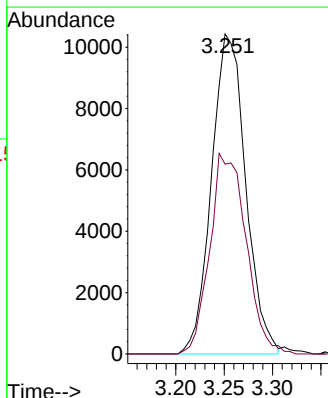
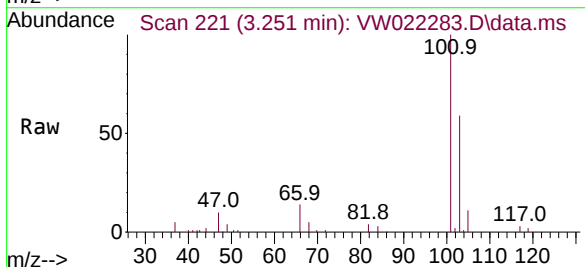
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ClientSampleId :

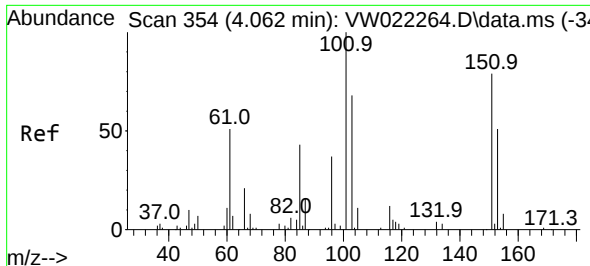
Tgt Ion: 64 Resp: 23975
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 23.776 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion:101 Resp: 25594
Ion Ratio Lower Upper
101 100
103 66.4 53.2 79.8

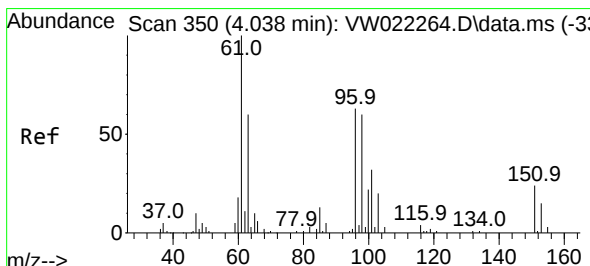
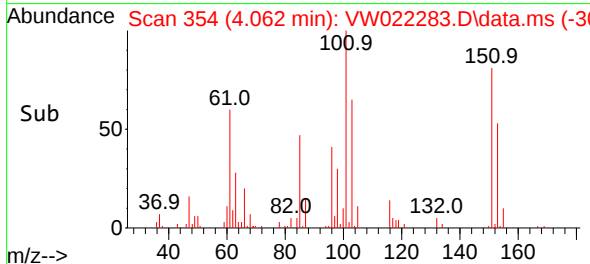
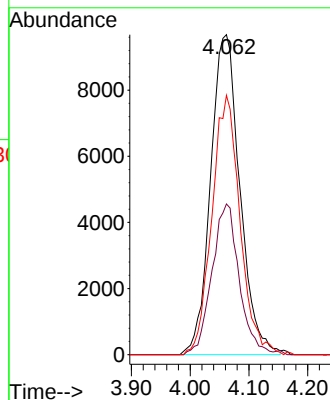
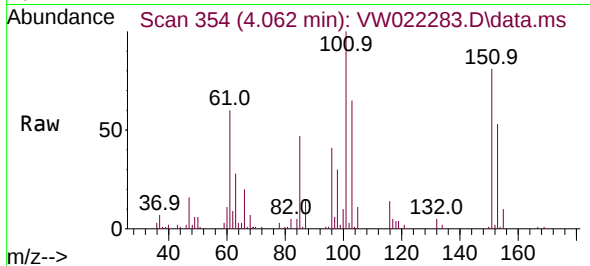




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.518 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

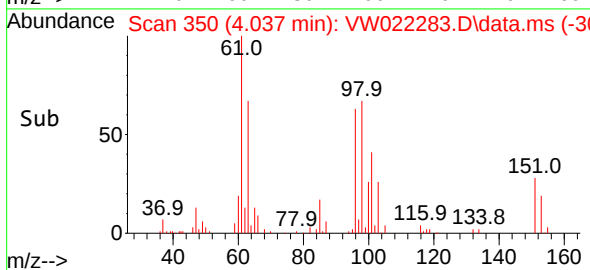
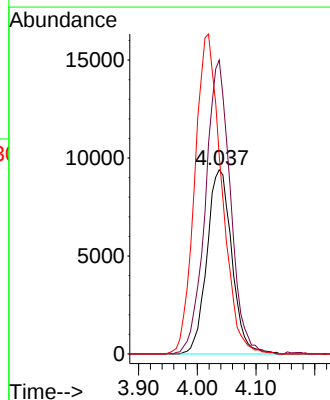
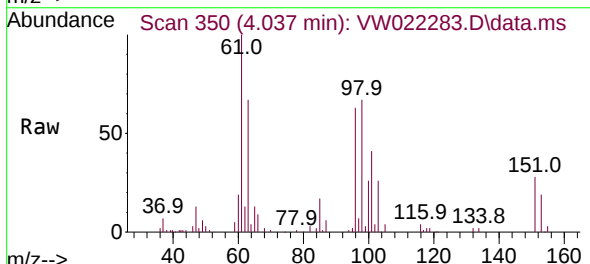
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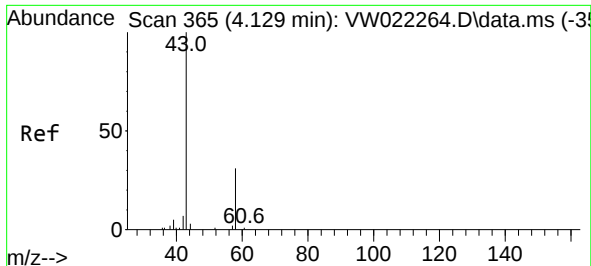
Tgt Ion:101 Resp: 33514
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.4 51.6
 151 76.5 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 24.325 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

Tgt Ion: 96 Resp: 27688
 Ion Ratio Lower Upper
 96 100
 61 159.6 108.4 201.2
 63 107.6 72.0 133.6





#13

Acetone

Concen: 64.723 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

Instrument :

MSVOA_W

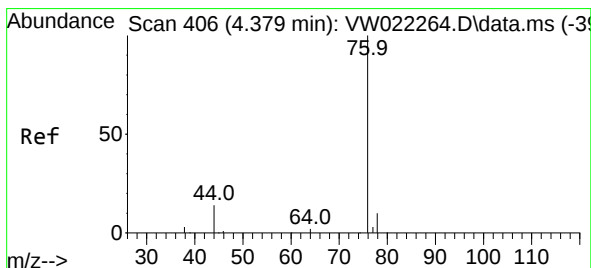
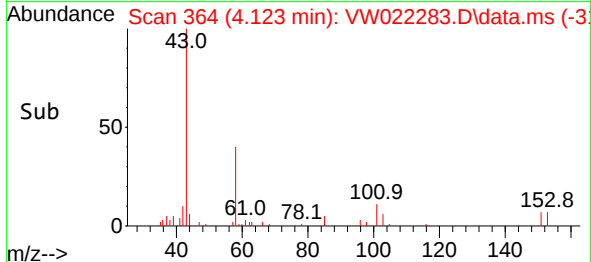
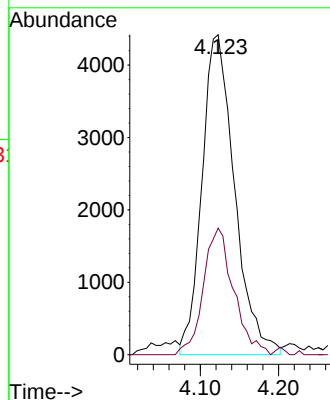
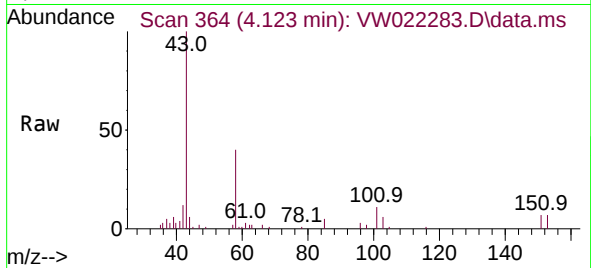
ClientSampleId :

Tgt Ion: 43 Resp: 12774

Ion Ratio Lower Upper

43 100

58 36.6 0.0 69.2



#14

Carbon disulfide

Concen: 17.293 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.000 min

Lab File: VW022283.D

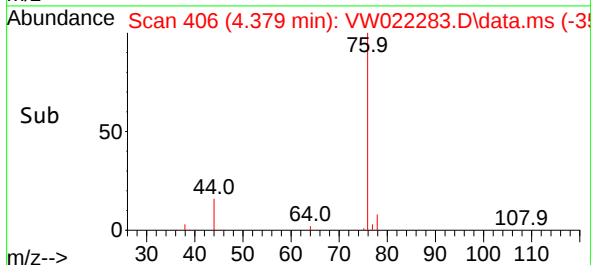
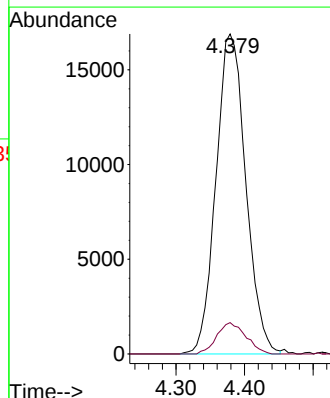
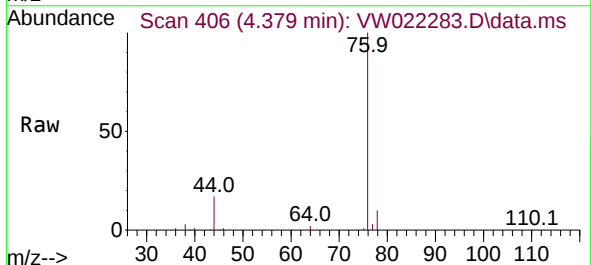
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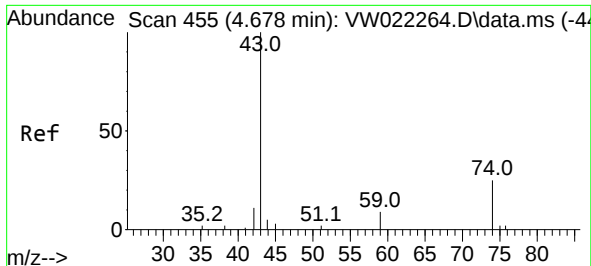
Tgt Ion: 76 Resp: 51032

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8

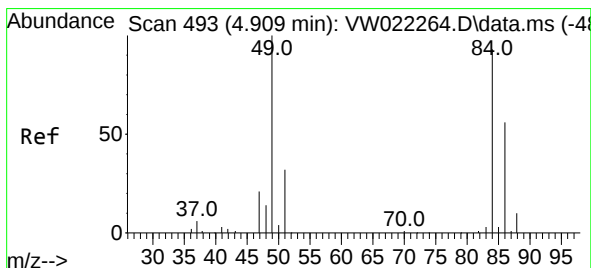
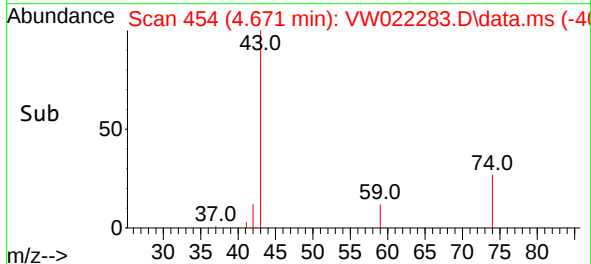
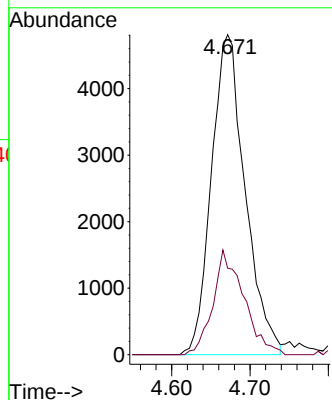
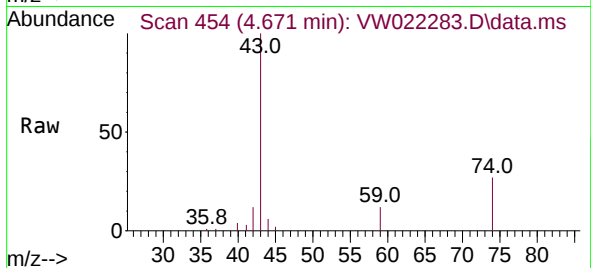




#15
Methyl Acetate
Concen: 32.362 ug/L
RT: 4.671 min Scan# 414
Delta R.T. -0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

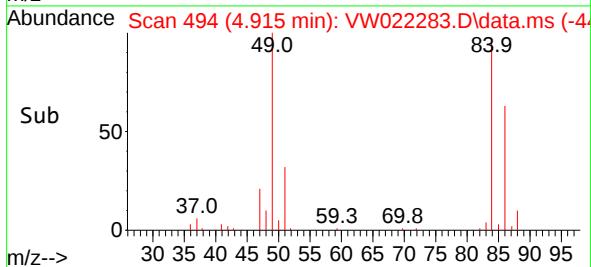
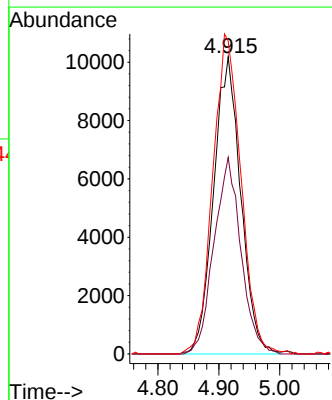
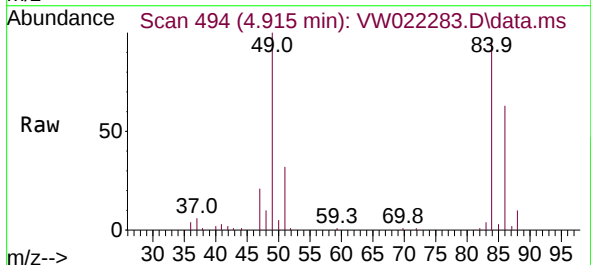
Instrument :
MSVOA_W
ClientSampleId :

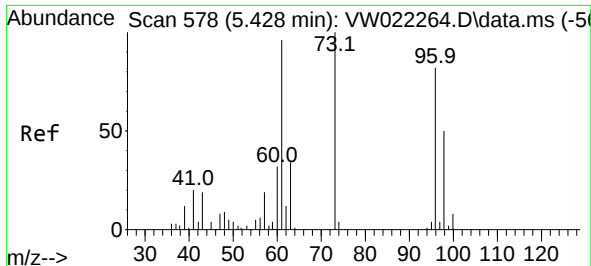
Tgt Ion: 43 Resp: 14379
Ion Ratio Lower Upper
43 100
74 29.8 23.0 34.6



#16
Methylene chloride
Concen: 23.318 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion: 84 Resp: 31538
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.0
49 105.3 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 23.331 ug/L

RT: 5.421 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

Instrument :

MSVOA_W

ClientSampleId :

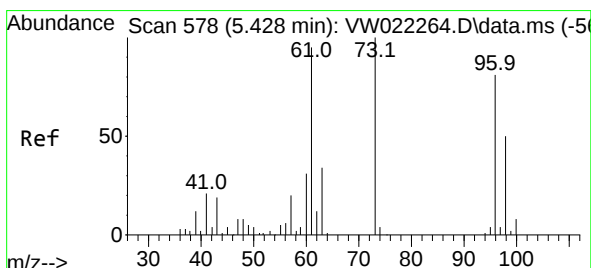
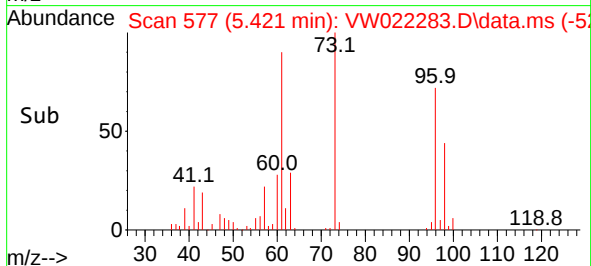
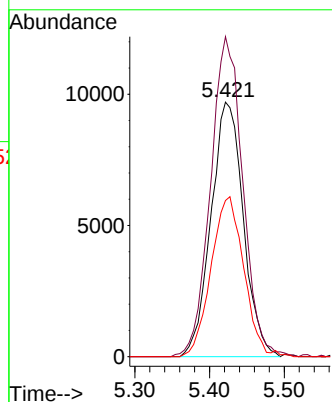
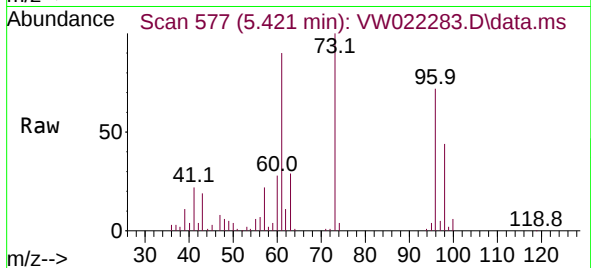
Tgt Ion: 96 Resp: 29169

Ion Ratio Lower Upper

96 100

61 125.7 87.3 162.1

98 61.4 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 29.470 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

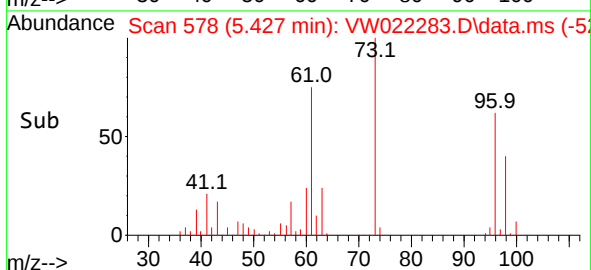
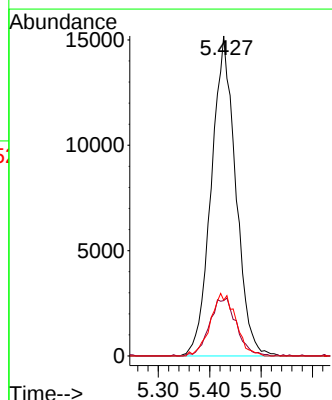
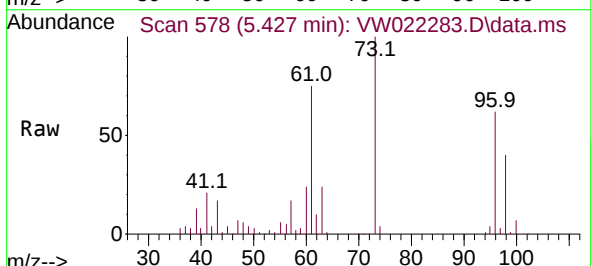
Tgt Ion: 73 Resp: 50126

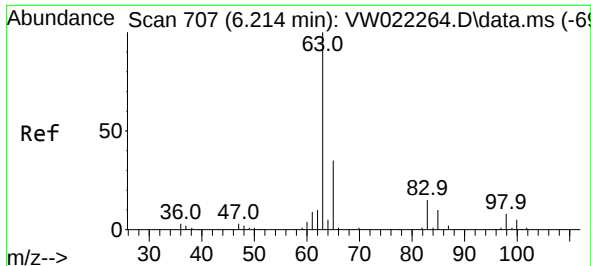
Ion Ratio Lower Upper

73 100

43 8.5 15.4 23.2#

57 20.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.824 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022283.D

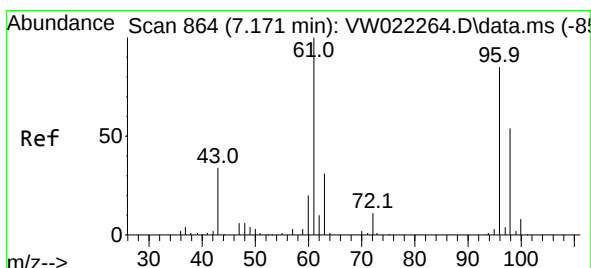
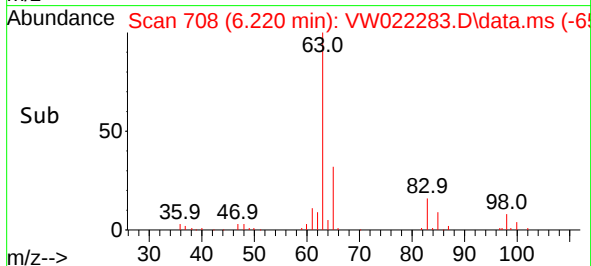
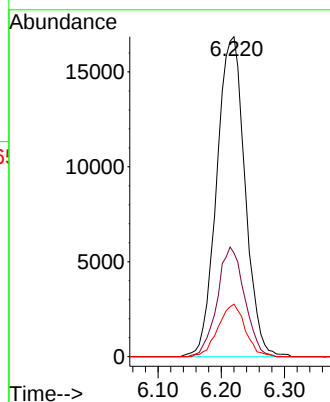
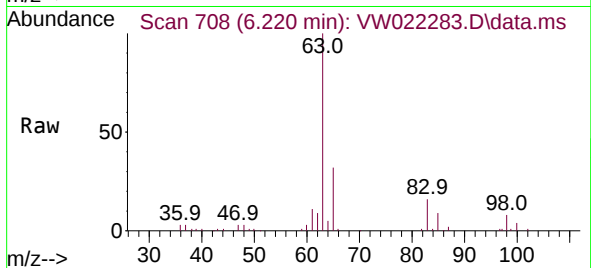
Acq: 10 Mar 2022 19:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	52268
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.5	41.9
83	16.4	11.5	21.5



#20

cis-1,2-Dichloroethene

Concen: 25.372 ug/L

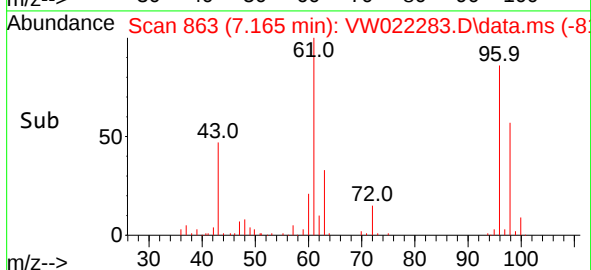
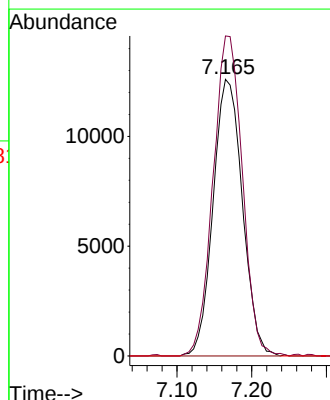
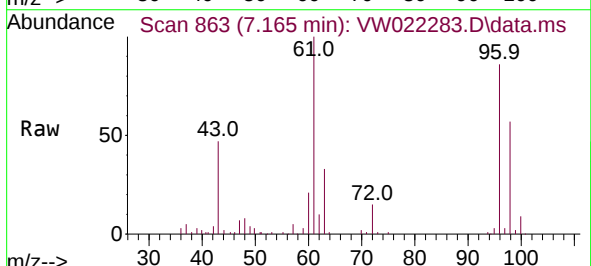
RT: 7.165 min Scan# 863

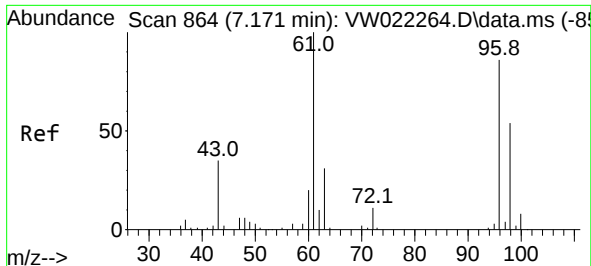
Delta R.T. -0.006 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

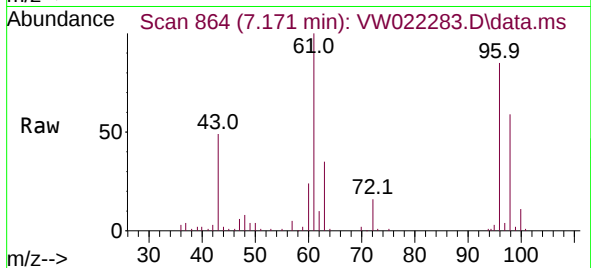
Tgt Ion:	96	Resp:	34362
Ion	Ratio	Lower	Upper
96	100		
61	115.7	76.8	142.6
68	0.0	0.0	0.0



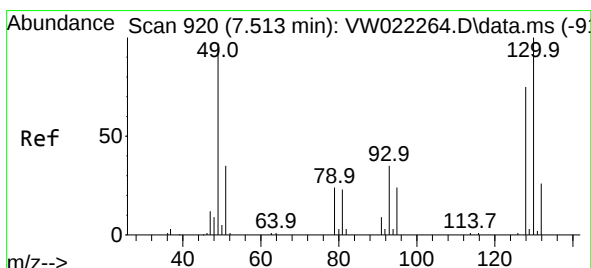
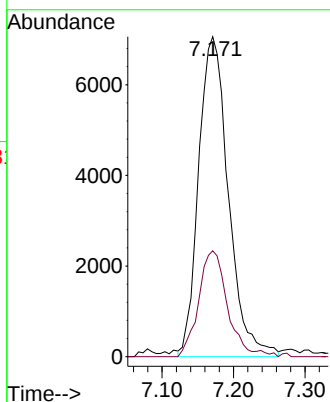
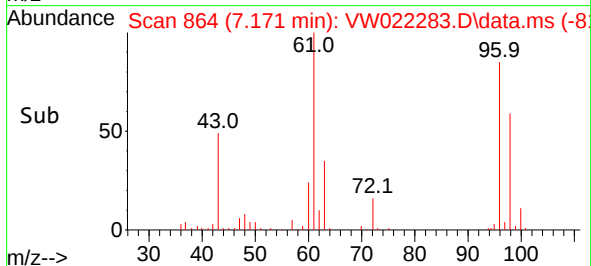


#22
2-Butanone
Concen: 72.011 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

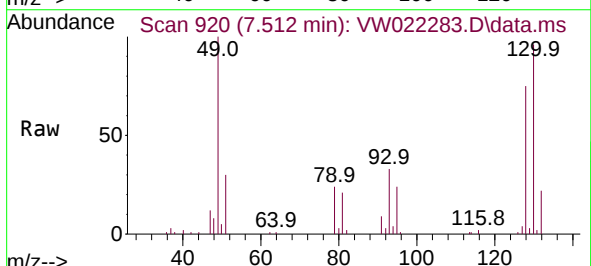
Instrument :
MSVOA_W
ClientSampleId :



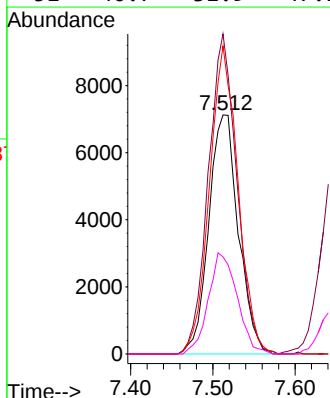
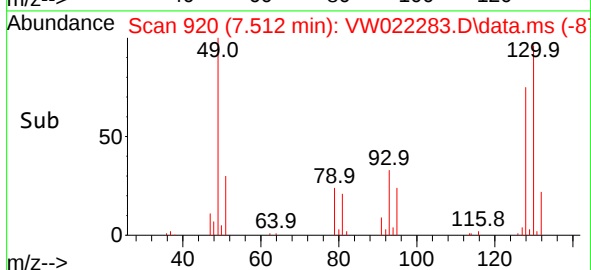
Tgt Ion: 43 Resp: 20416
Ion Ratio Lower Upper
43 100
72 31.3 17.0 51.0

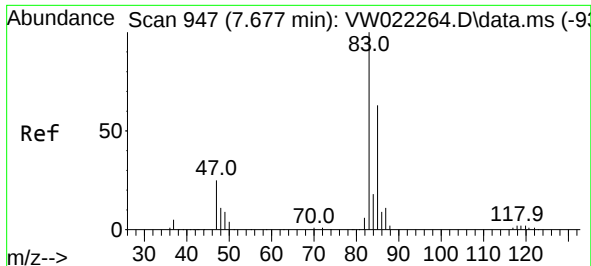


#23
Bromochloromethane
Concen: 27.029 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09



Tgt Ion: 128 Resp: 17882
Ion Ratio Lower Upper
128 100
49 133.8 84.2 156.4
130 128.8 84.8 157.4
51 40.7 31.9 47.9

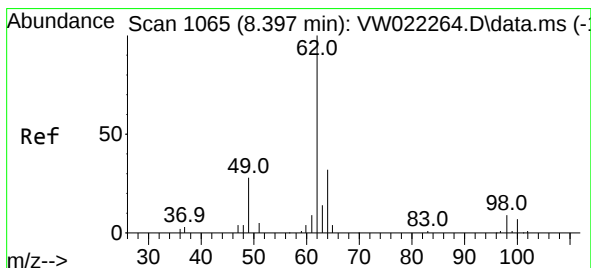
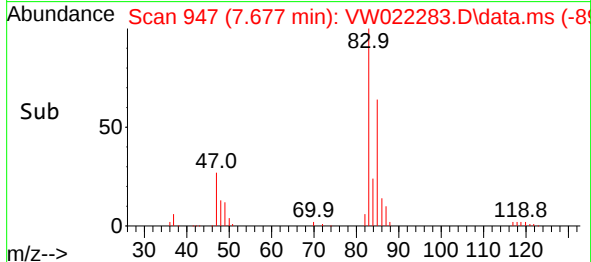
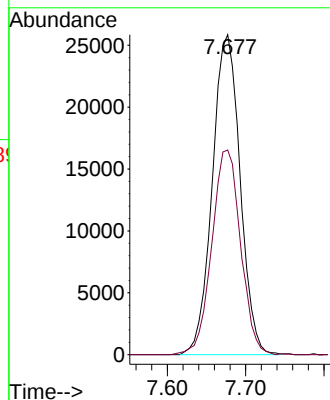
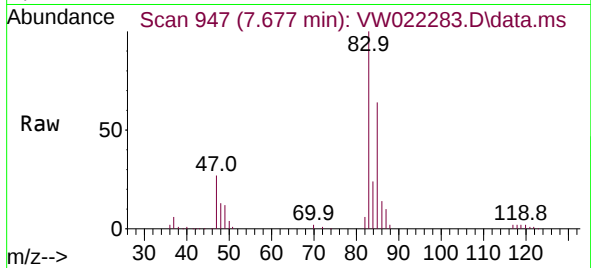




#25
Chloroform
Concen: 27.012 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

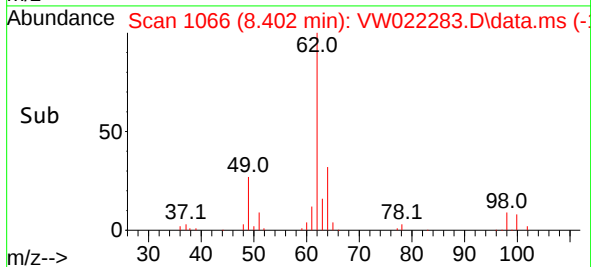
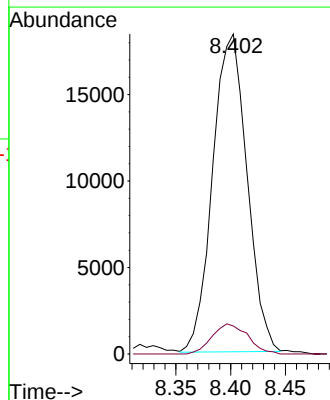
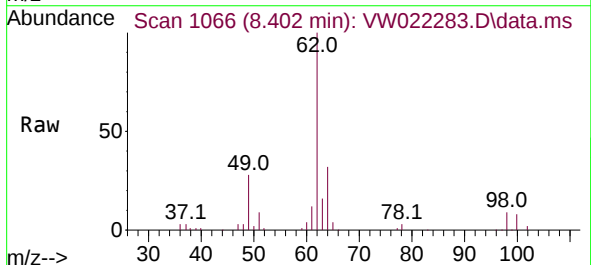
Instrument :
MSVOA_W
ClientSampleId :

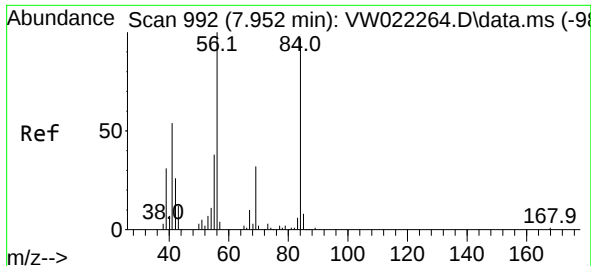
Tgt Ion: 83 Resp: 63791
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 27.507 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

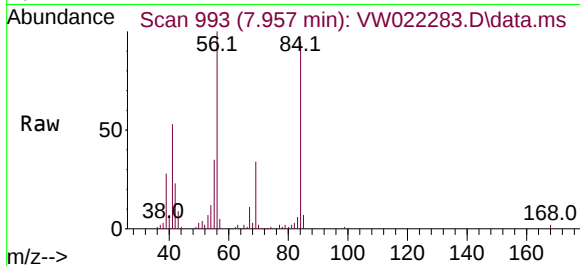
Tgt Ion: 62 Resp: 40012
Ion Ratio Lower Upper
62 100
98 8.7 7.9 11.9



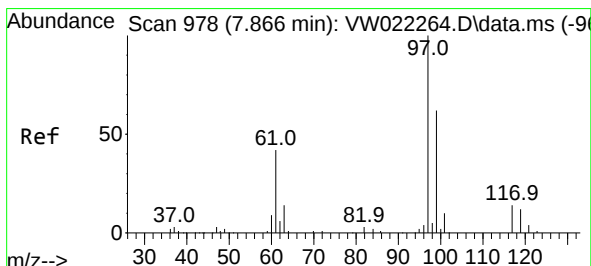
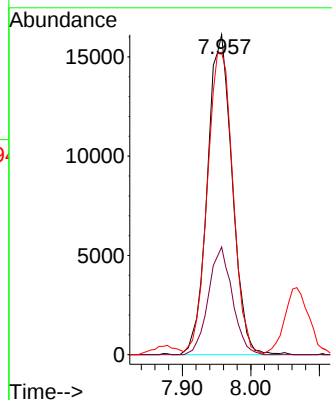
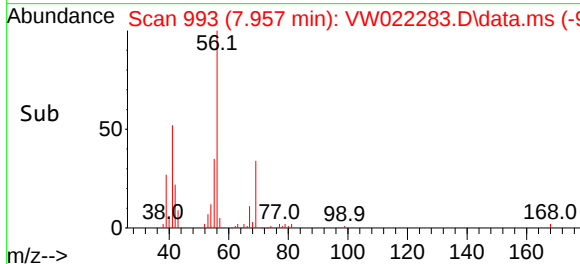


#29
Cyclohexane
Concen: 23.352 ug/L
RT: 7.957 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Instrument :
MSVOA_W
ClientSampleId :

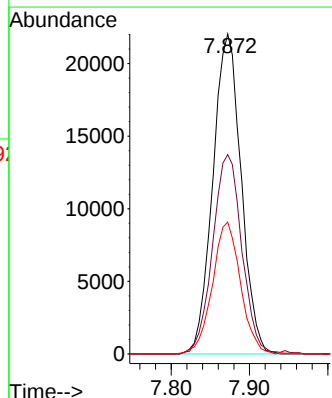
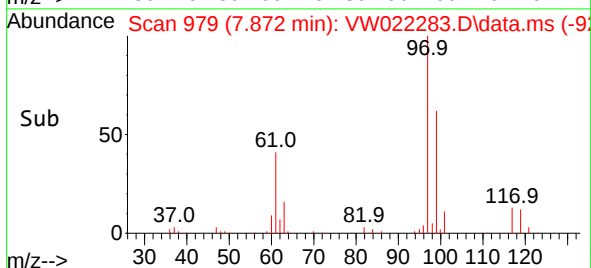
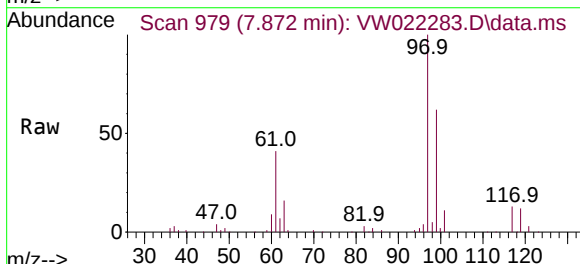


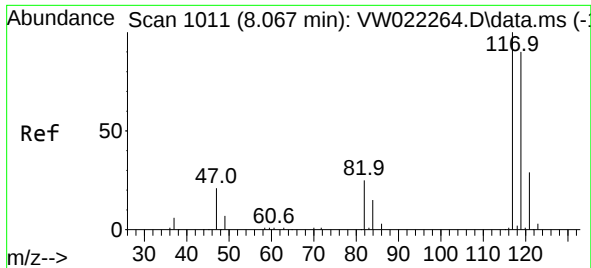
Tgt Ion: 56 Resp: 40607
Ion Ratio Lower Upper
56 100
69 32.3 26.3 39.5
84 97.3 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 26.305 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion: 97 Resp: 55299
Ion Ratio Lower Upper
97 100
99 64.1 52.6 78.8
61 41.0 33.0 49.6

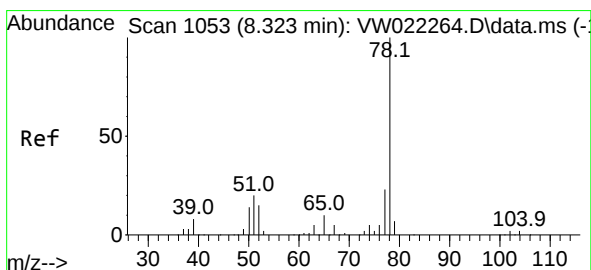
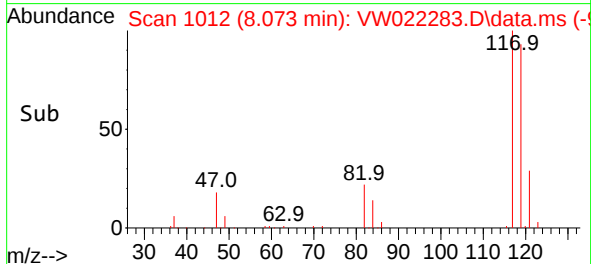
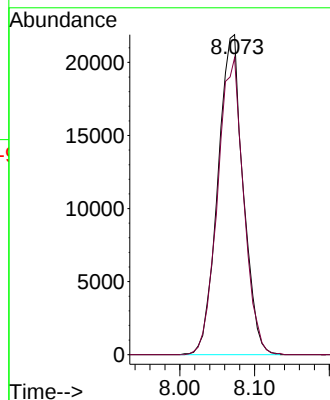
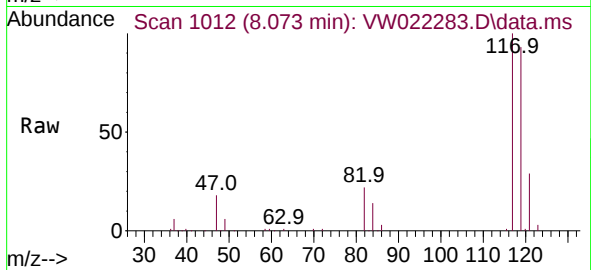




#31
Carbon tetrachloride
Concen: 25.863 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

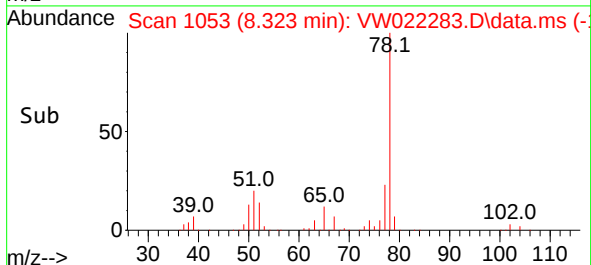
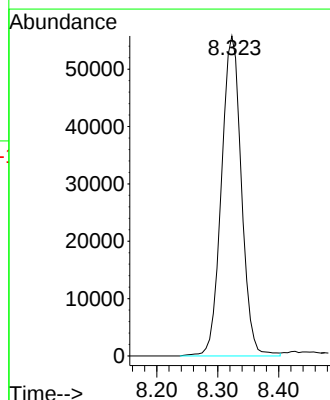
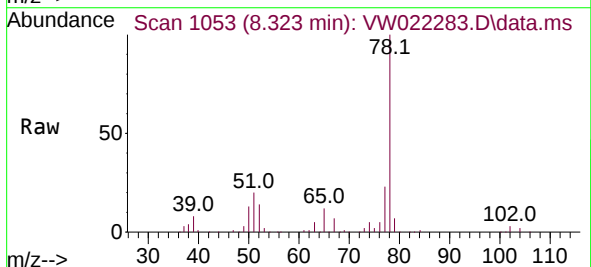
Instrument :
MSVOA_W
ClientSampleId :

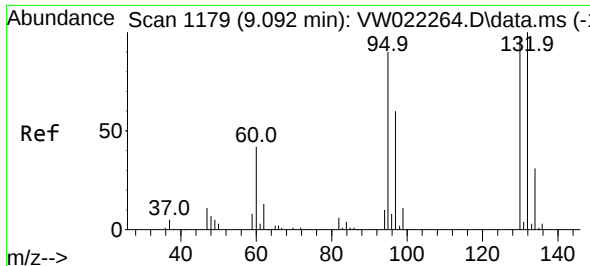
Tgt Ion:117 Resp: 51673
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1



#33
Benzene
Concen: 25.153 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion: 78 Resp: 127071

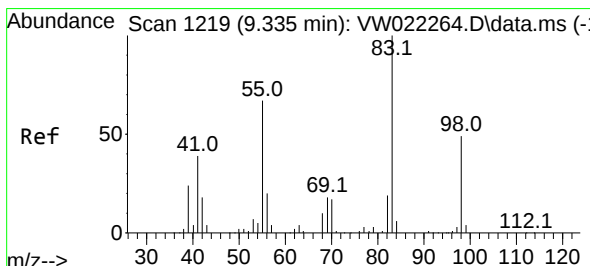
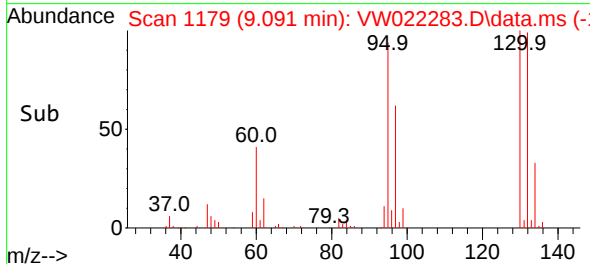
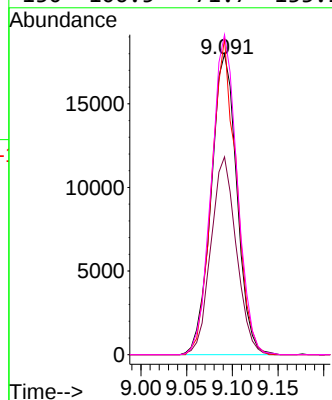
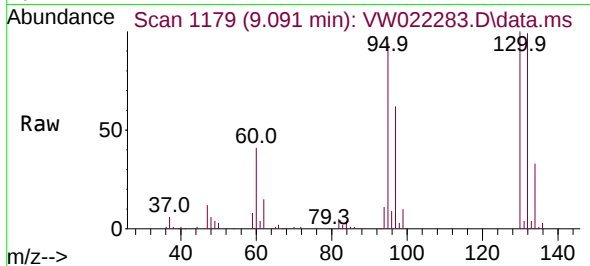




#34
Trichloroethene
Concen: 24.316 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

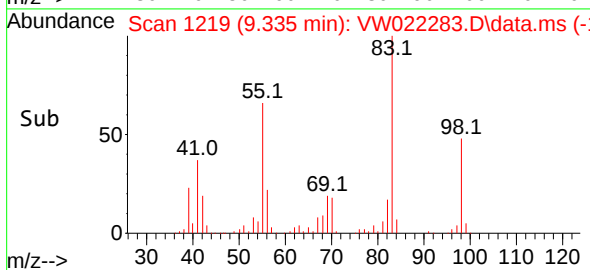
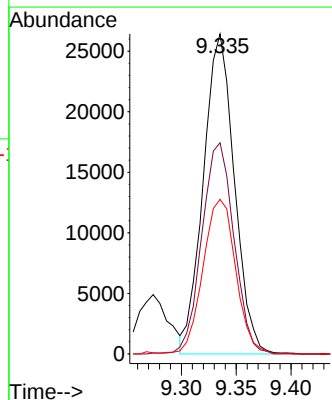
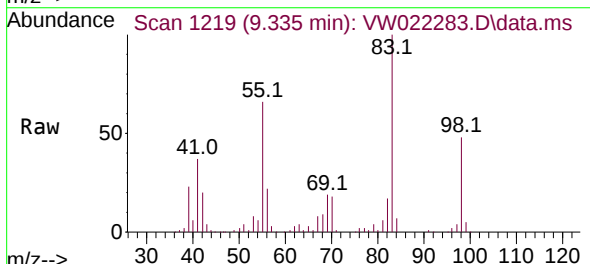
Instrument :
MSVOA_W
ClientSampleId :

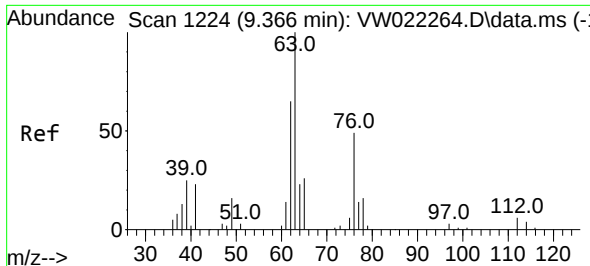
Tgt Ion: 95 Resp: 35173
Ion Ratio Lower Upper
95 100
97 65.8 44.4 82.4
132 105.3 71.7 133.1
130 106.5 71.7 133.1



#35
Methylcyclohexane
Concen: 23.263 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion: 83 Resp: 52047
Ion Ratio Lower Upper
83 100
55 67.7 53.8 80.8
98 51.0 42.1 63.1

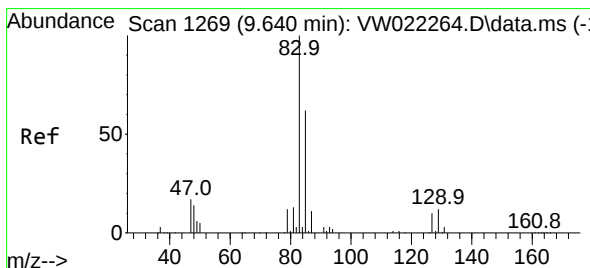
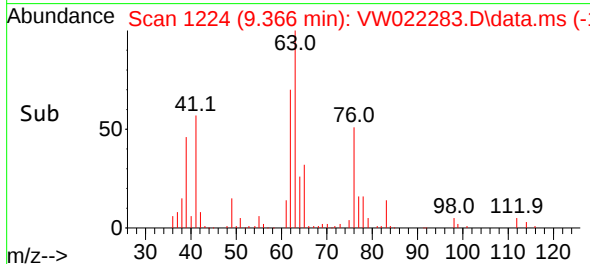
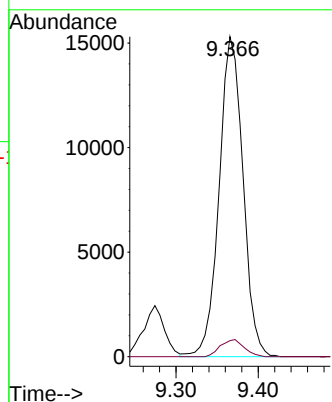
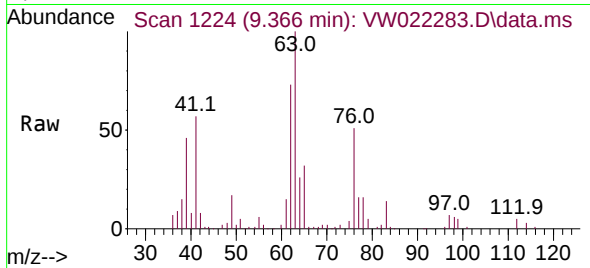




#37
1,2-Dichloropropane
Concen: 26.192 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

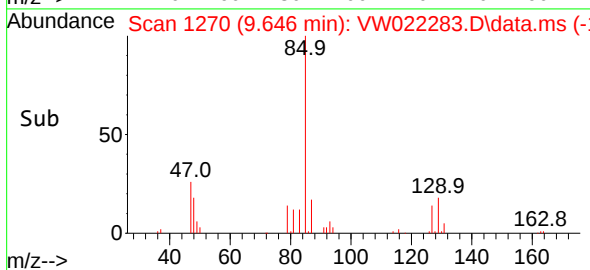
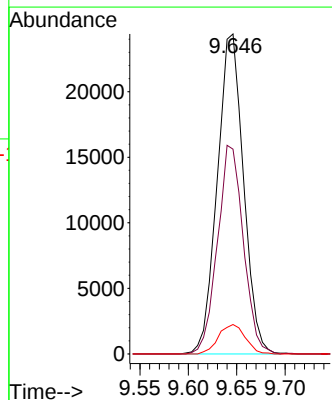
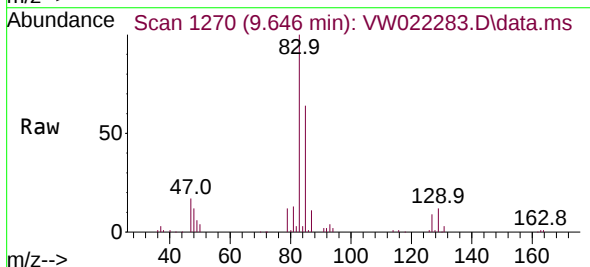
Instrument :
MSVOA_W
ClientSampleId :

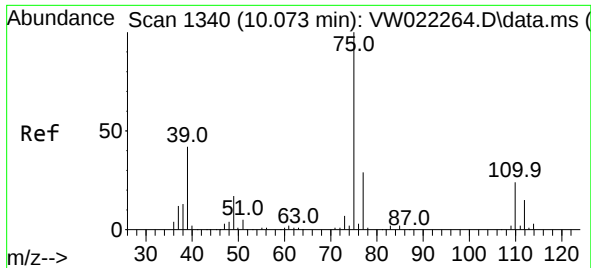
Tgt Ion: 63 Resp: 30869
Ion Ratio Lower Upper
63 100
112 5.3 4.1 6.1



#38
Bromodichloromethane
Concen: 27.233 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion: 83 Resp: 46028
Ion Ratio Lower Upper
83 100
85 64.0 47.9 89.1
127 9.2 7.5 11.3

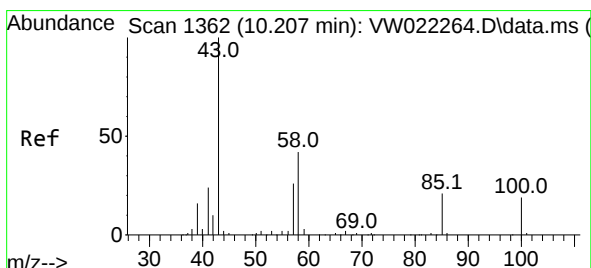
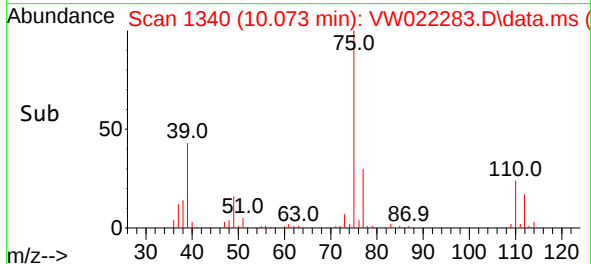
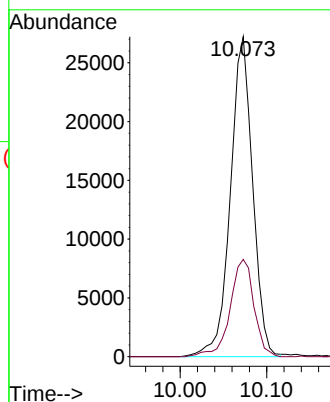
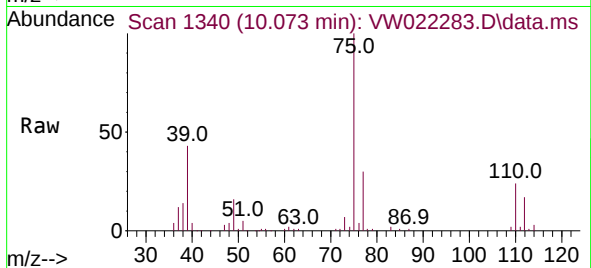




#39
 cis-1,3-Dichloropropene
 Concen: 27.141 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

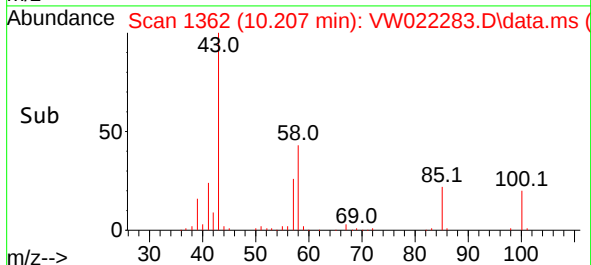
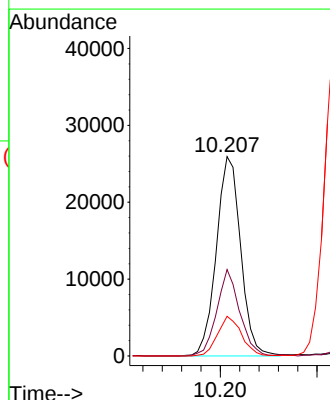
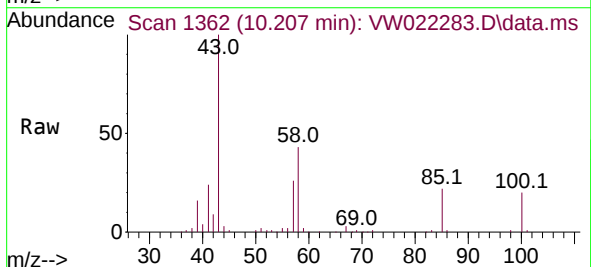
Instrument :
 MSVOA_W
 ClientSampleId :

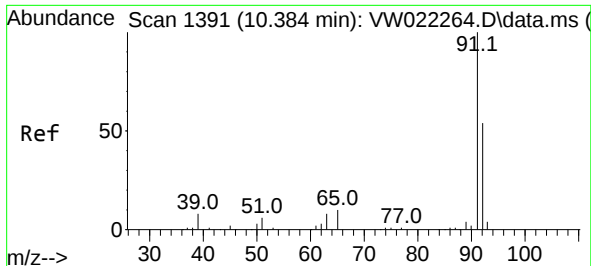
Tgt Ion: 75 Resp: 48623
 Ion Ratio Lower Upper
 75 100
 77 30.4 20.6 38.2



#40
 4-Methyl-2-pentanone
 Concen: 71.201 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

Tgt Ion: 43 Resp: 45317
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.2 49.8
 100 19.6 16.1 24.1





#42

Toluene

Concen: 25.452 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

Instrument :

MSVOA_W

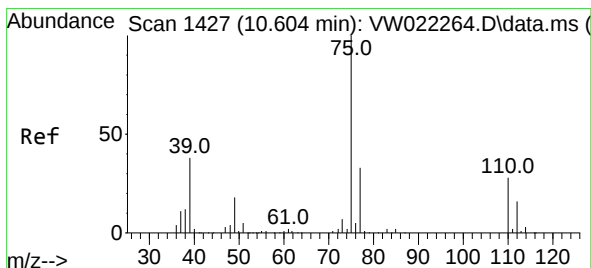
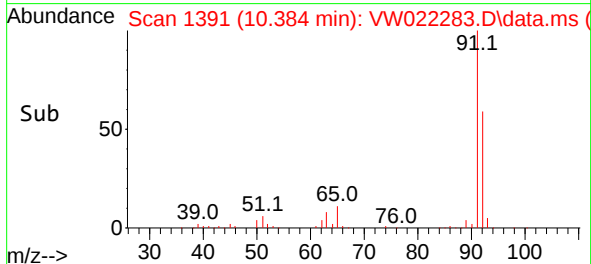
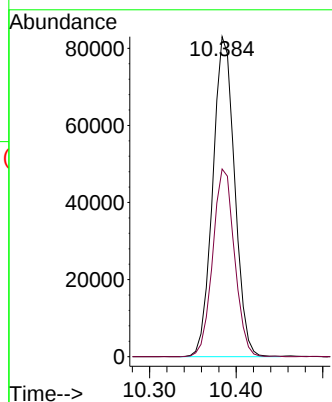
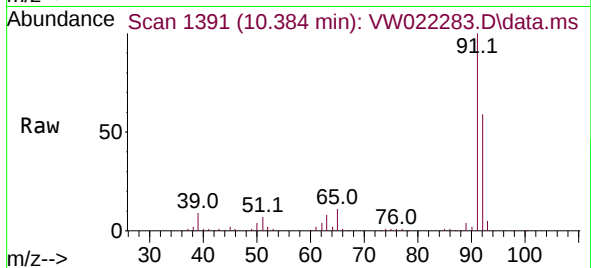
ClientSampleId :

Tgt Ion: 91 Resp: 145528

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 27.881 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022283.D

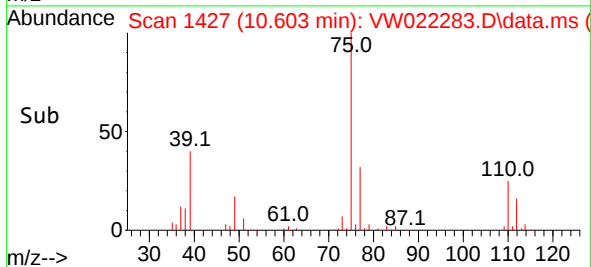
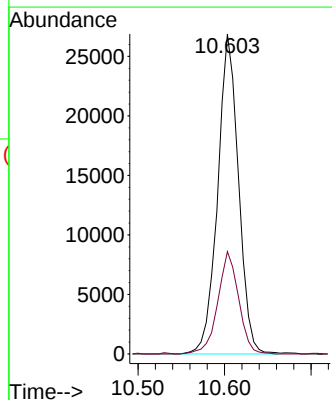
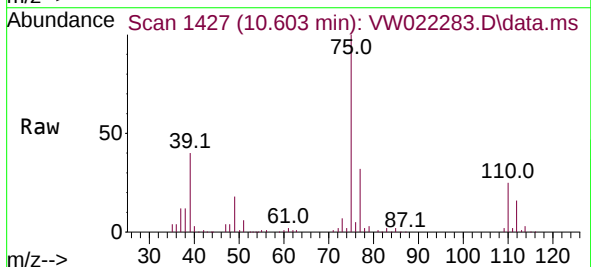
Acq: 10 Mar 2022 19:09

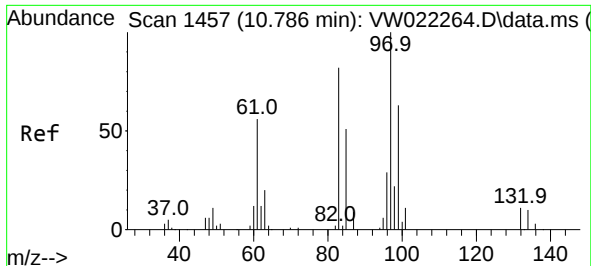
Tgt Ion: 75 Resp: 44885

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8

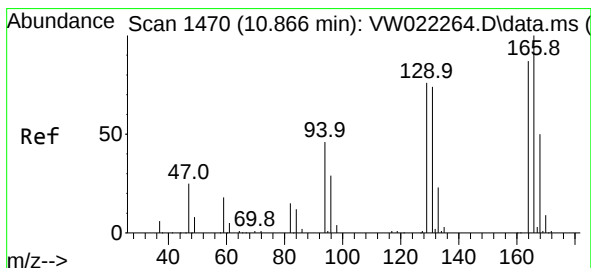
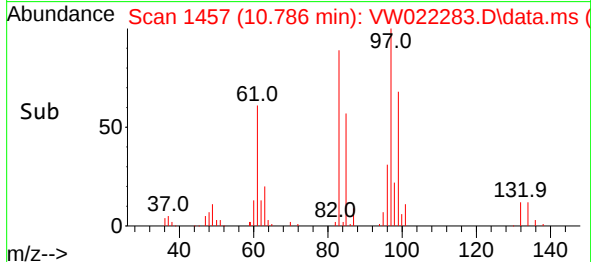
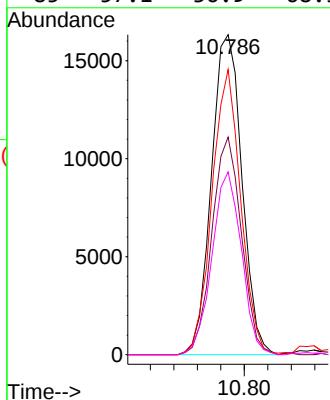
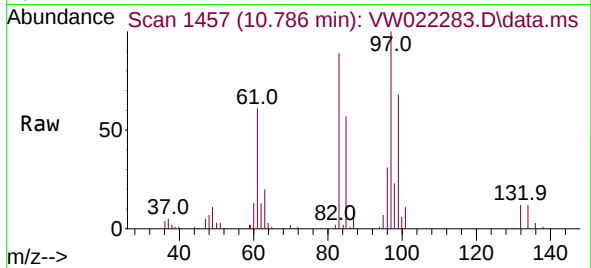




#45
1,1,2-Trichloroethane
Concen: 28.166 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

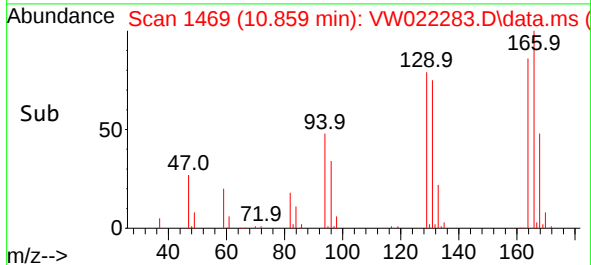
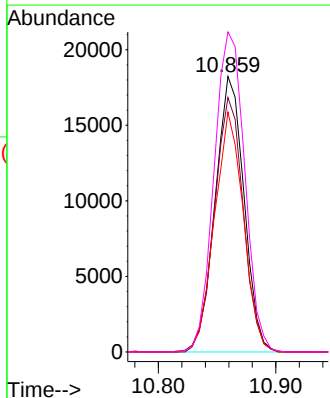
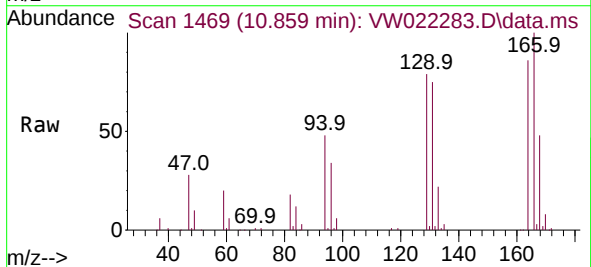
Instrument :
MSVOA_W
ClientSampleId :

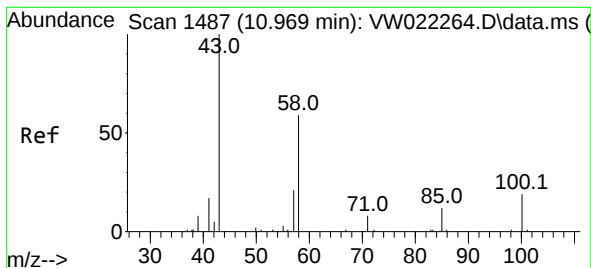
Tgt Ion:	97	Resp:	29436
Ion	Ratio	Lower	Upper
97	100		
99	68.0	43.5	80.7
83	89.1	53.5	99.3
85	57.1	36.9	68.5



#46
Tetrachloroethene
Concen: 24.567 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion:	164	Resp:	31129
Ion	Ratio	Lower	Upper
164	100		
129	92.3	60.3	111.9
131	87.1	59.9	111.3
166	116.1	77.0	143.0





#48

2-Hexanone

Concen: 71.793 ug/L

RT: 10.963 min Scan# 1487

Delta R.T. -0.006 min

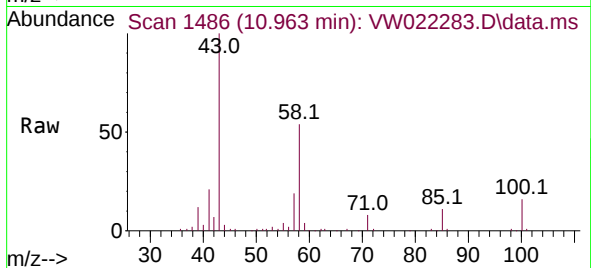
Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 31714

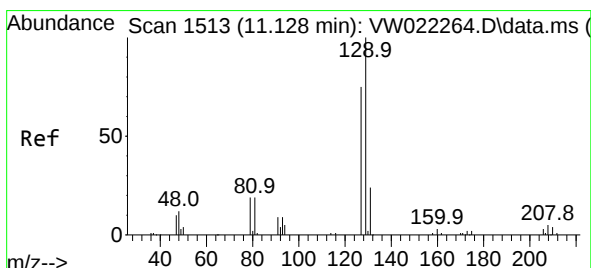
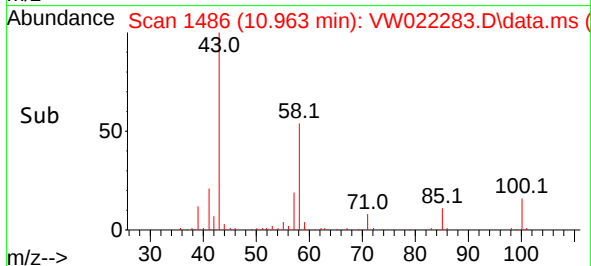
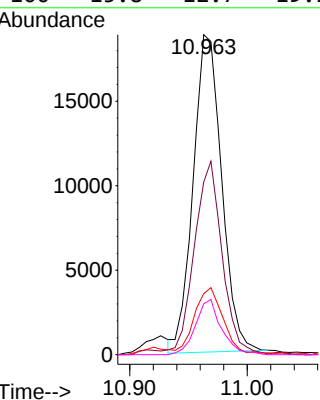
Ion Ratio Lower Upper

43 100

58 59.4 44.6 66.8

57 20.1 15.8 23.8

100 15.8 12.7 19.1



#49

Dibromochloromethane

Concen: 28.792 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022283.D

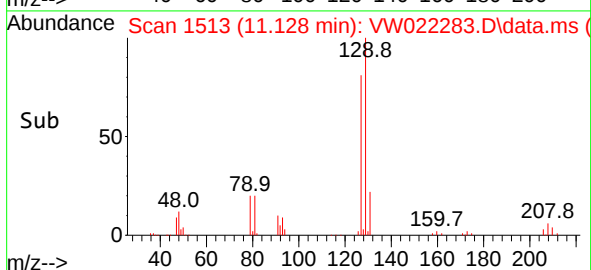
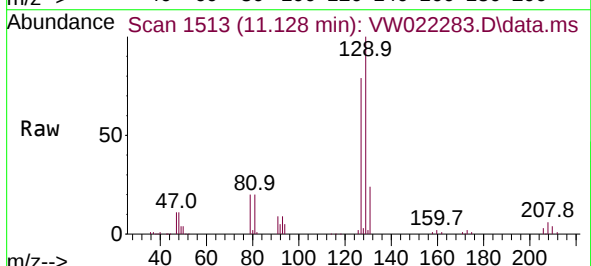
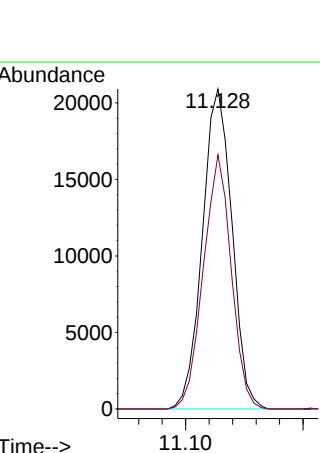
Acq: 10 Mar 2022 19:09

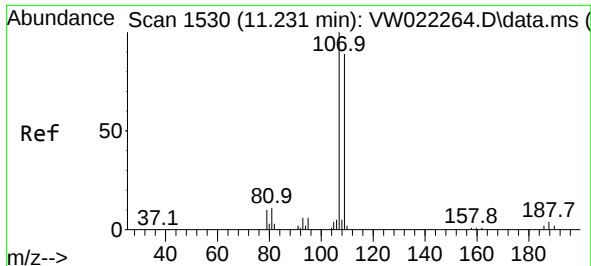
Tgt Ion:129 Resp: 36550

Ion Ratio Lower Upper

129 100

127 79.4 54.5 101.1

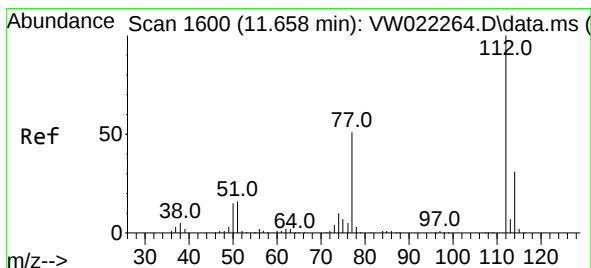
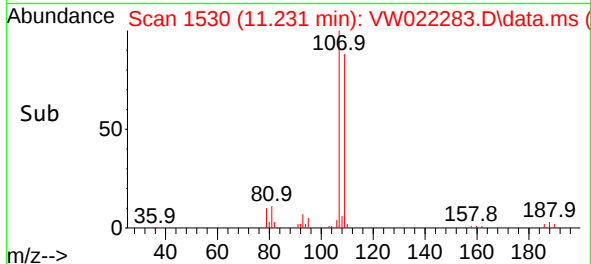
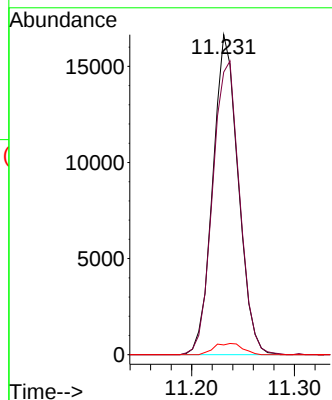
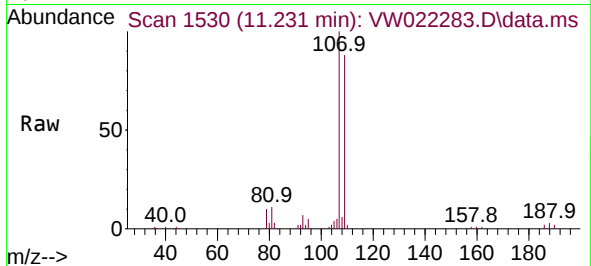




#50
1,2-Dibromoethane
Concen: 28.373 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

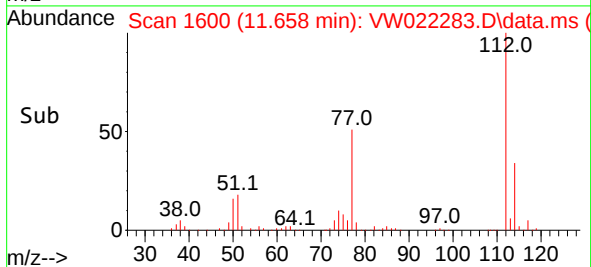
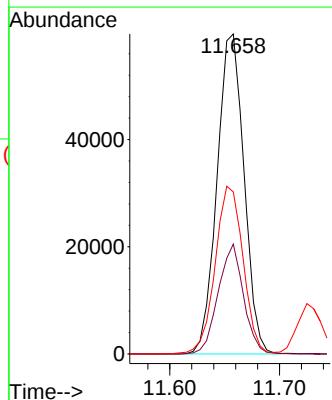
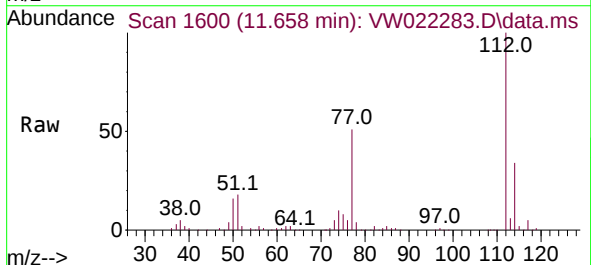
Instrument :
MSVOA_W
ClientSampleId :

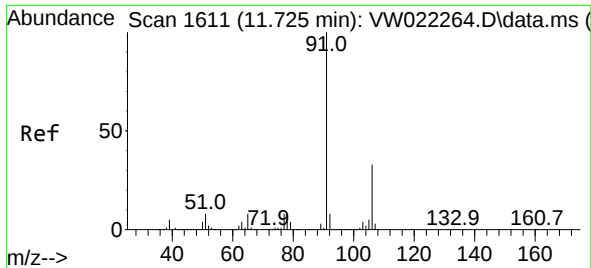
Tgt Ion	Ratio	Lower	Upper
107	100		
109	88.3	66.8	124.2
188	3.1	2.6	4.0



#51
Chlorobenzene
Concen: 25.684 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.3	23.0	42.8
77	50.7	41.8	62.6

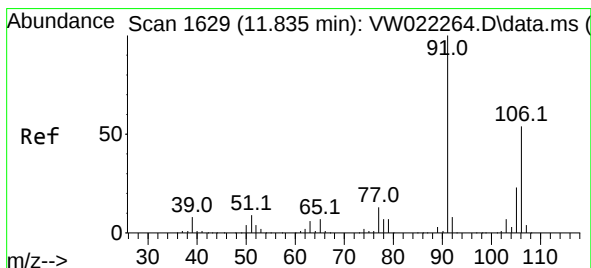
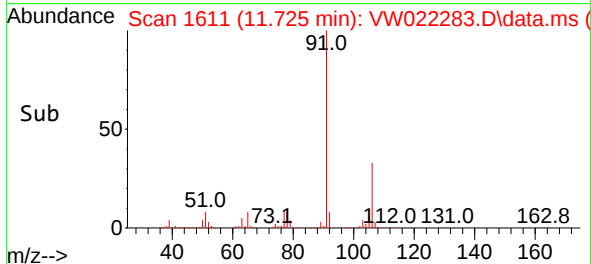
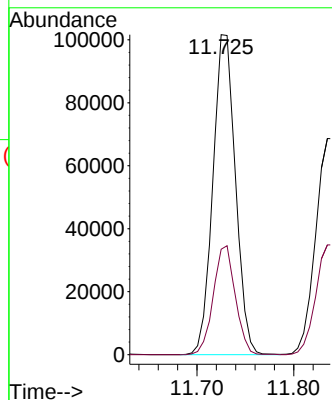
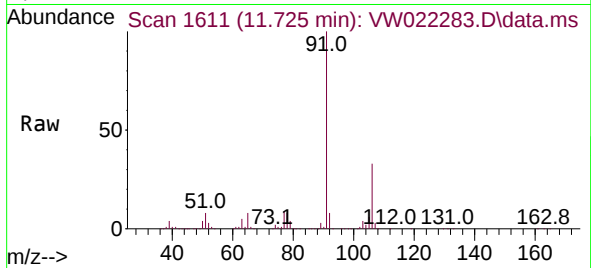




#52
Ethylbenzene
Concen: 26.056 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

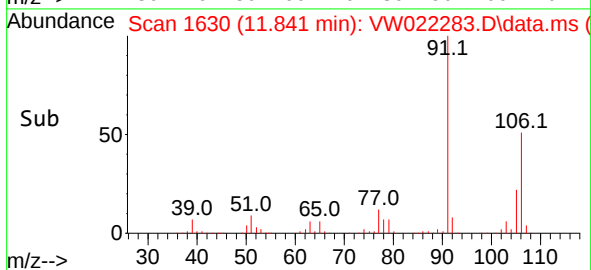
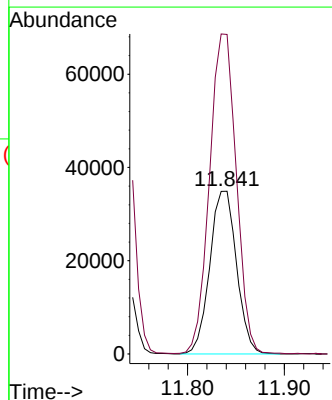
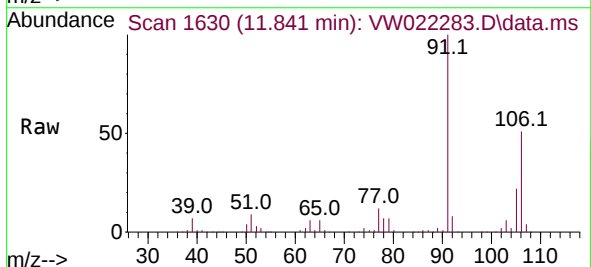
Instrument :
MSVOA_W
ClientSampleId :

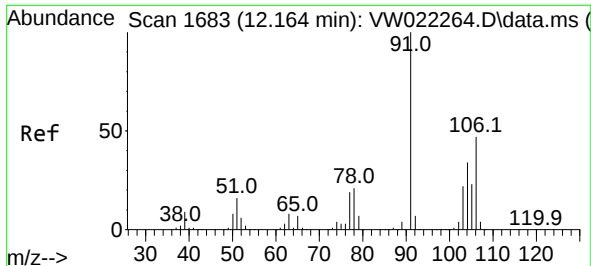
Tgt Ion: 91 Resp: 164881
Ion Ratio Lower Upper
91 100
106 32.9 22.8 42.4



#53
m,p-Xylene
Concen: 25.786 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion:106 Resp: 67142
Ion Ratio Lower Upper
106 100
91 196.3 135.0 250.8

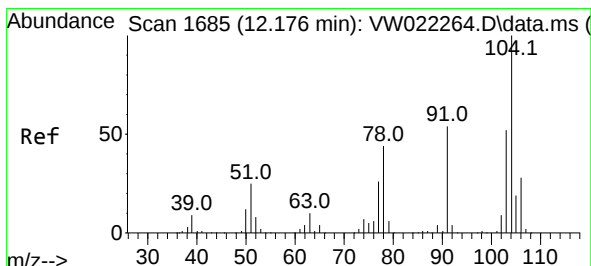
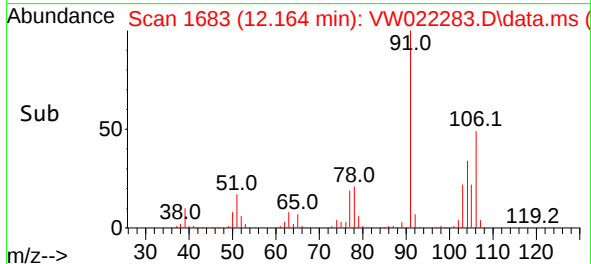
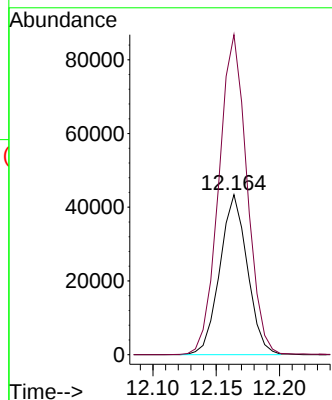
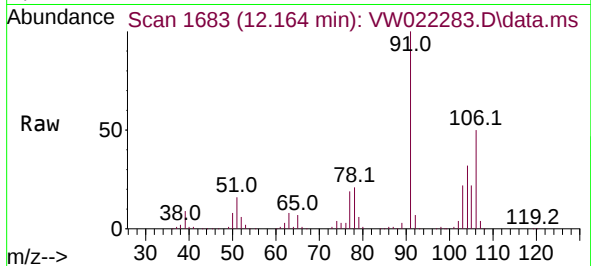




#54
o-Xylene
Concen: 26.800 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

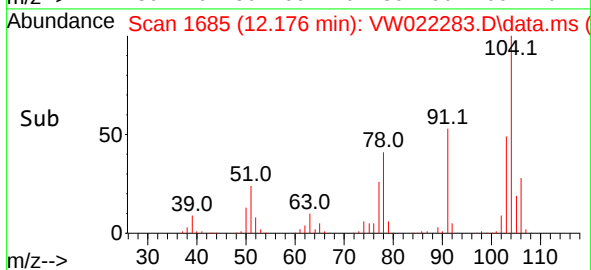
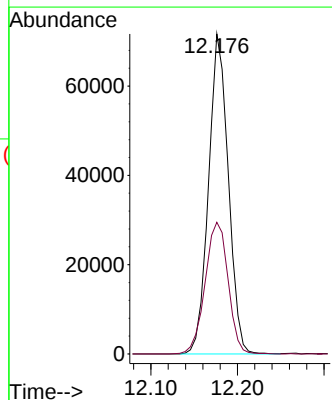
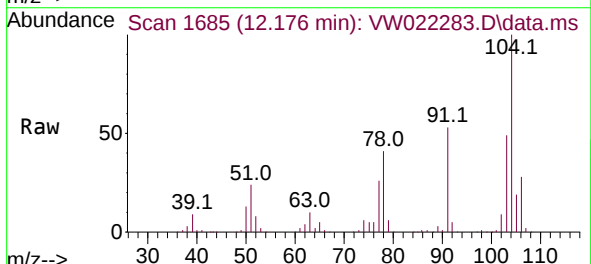
Instrument :
MSVOA_W
ClientSampleId :

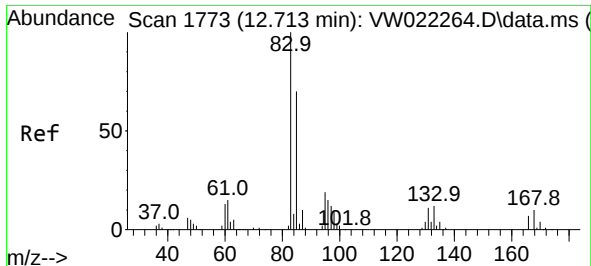
Tgt Ion:106 Resp: 65661
Ion Ratio Lower Upper
106 100
91 200.1 136.9 254.3



#55
Styrene
Concen: 27.659 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion:104 Resp: 113603
Ion Ratio Lower Upper
104 100
78 41.2 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 32.217 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022283.D

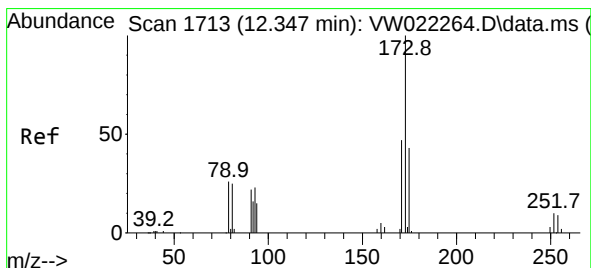
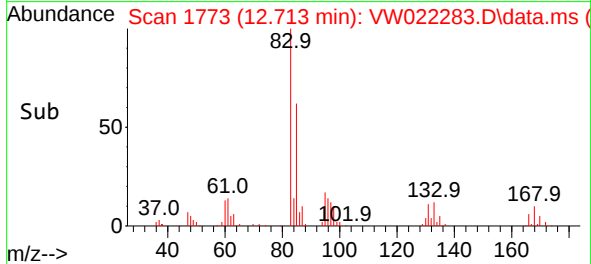
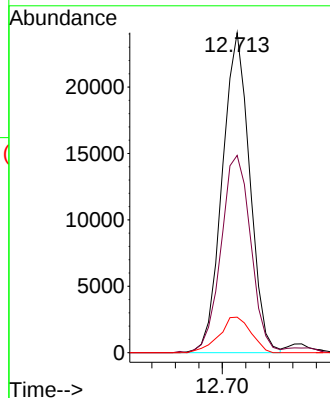
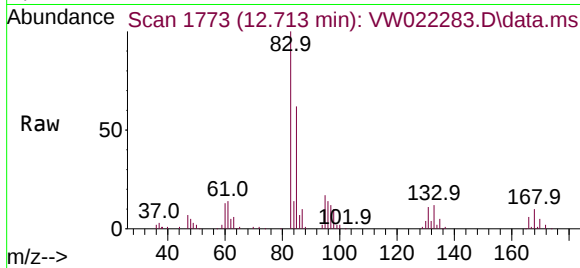
Acq: 10 Mar 2022 19:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	39066
Ion Ratio	Lower	Upper	
83	100		
85	61.6	44.2	82.0
131	11.1	9.4	14.0



#59

Bromoform

Concen: 26.095 ug/L

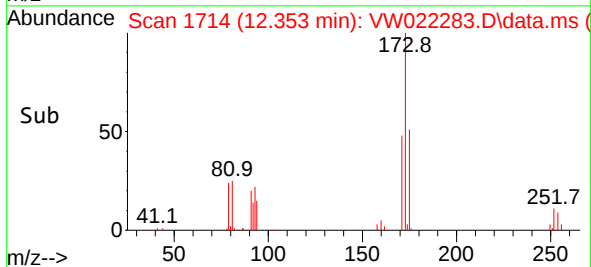
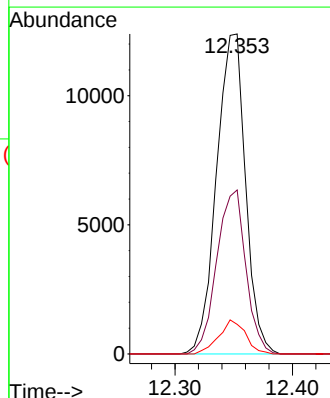
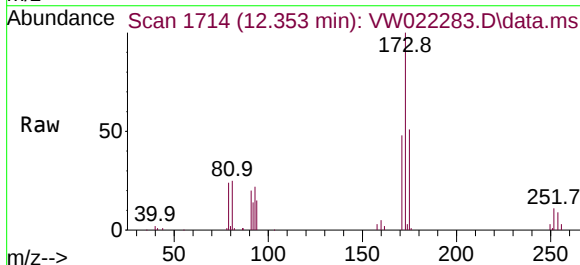
RT: 12.353 min Scan# 1714

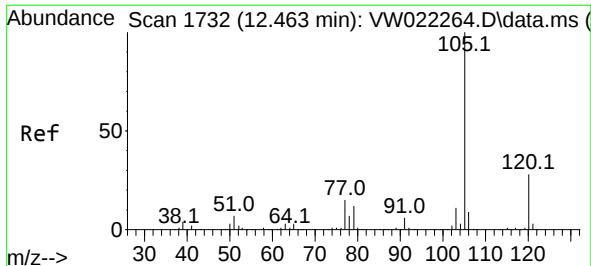
Delta R.T. 0.006 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

Tgt Ion:	173	Resp:	21253
Ion Ratio	Lower	Upper	
173	100		
175	51.3	38.2	57.4
254	9.8	5.0	7.6#

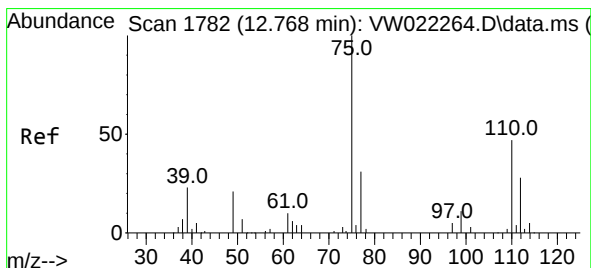
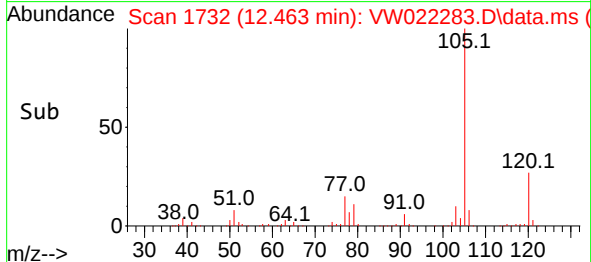
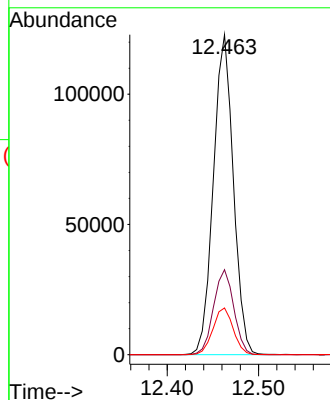
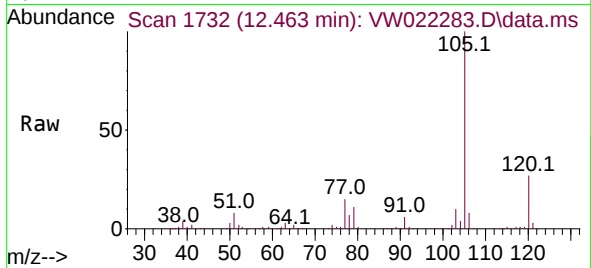




#60
Isopropylbenzene
Concen: 25.265 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

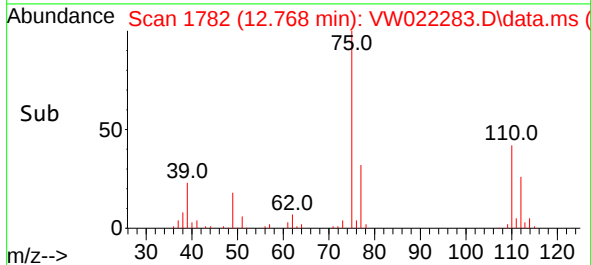
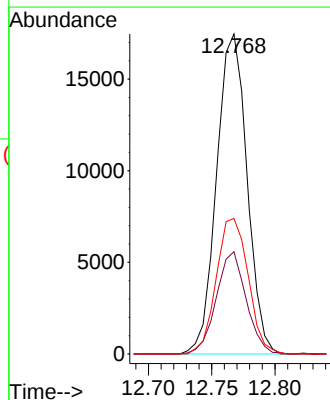
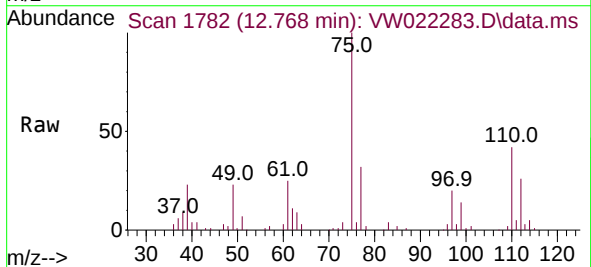
Instrument :
MSVOA_W
ClientSampleId :

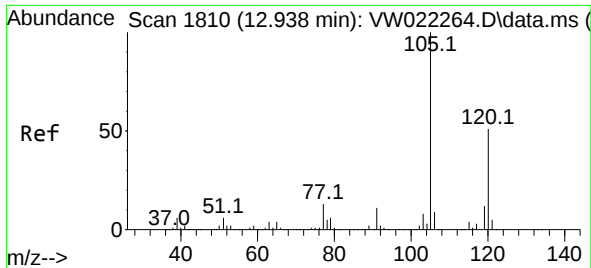
Tgt Ion:105 Resp: 186791
Ion Ratio Lower Upper
105 100
120 26.9 22.1 33.1
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 30.020 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion: 75 Resp: 29181
Ion Ratio Lower Upper
75 100
77 31.5 27.1 40.7
110 44.4 36.7 55.1

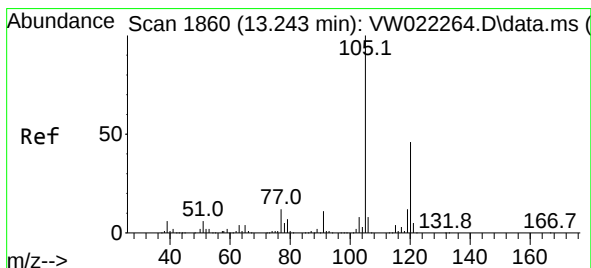
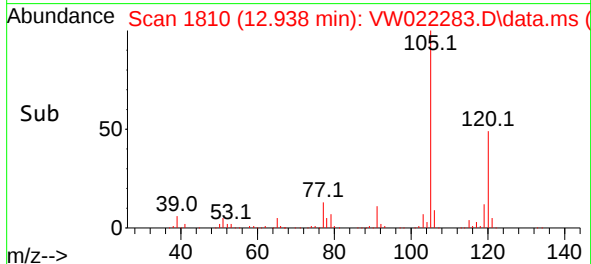
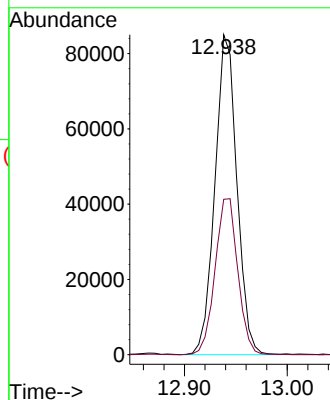
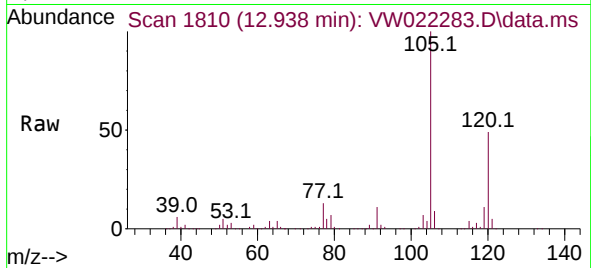




#62
1,3,5-Trimethylbenzene
Concen: 25.635 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

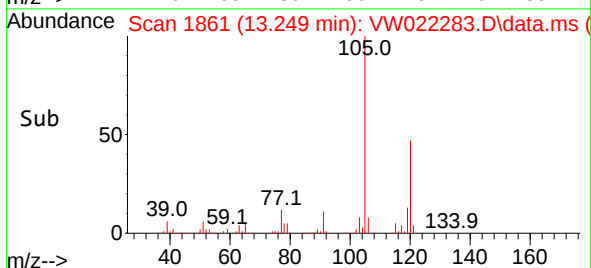
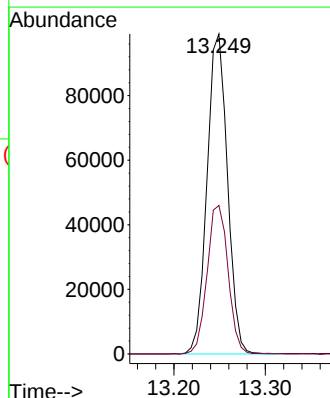
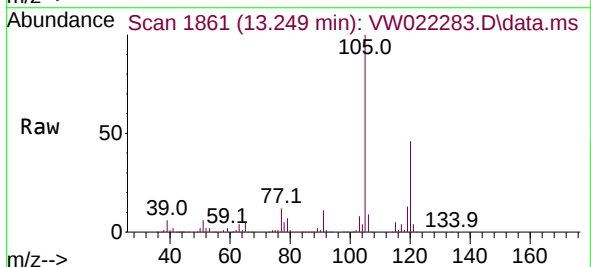
Instrument :
MSVOA_W
ClientSampleId :

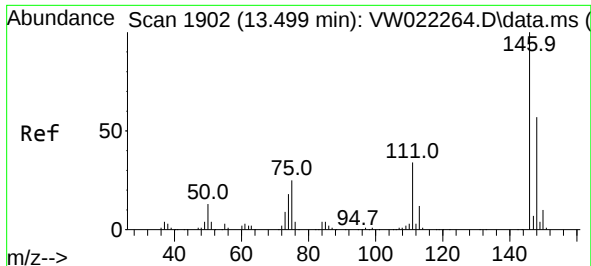
Tgt Ion:105 Resp: 126027
Ion Ratio Lower Upper
105 100
120 50.6 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 25.578 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW022283.D
Acq: 10 Mar 2022 19:09

Tgt Ion:105 Resp: 153678
Ion Ratio Lower Upper
105 100
120 47.6 39.2 58.8

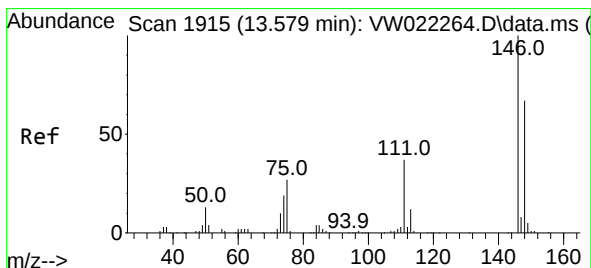
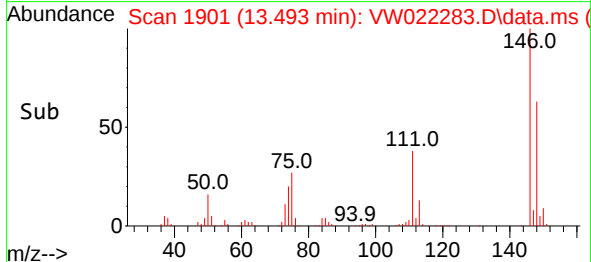
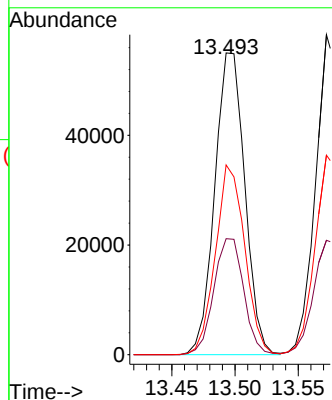
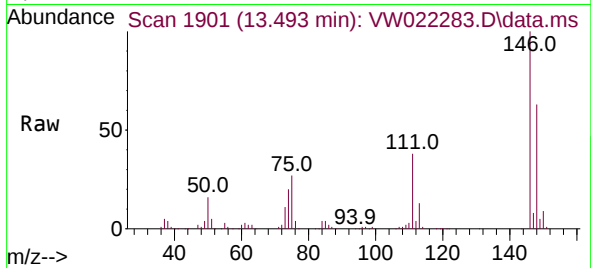




#64
 1,3-Dichlorobenzene
 Concen: 24.797 ug/L
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

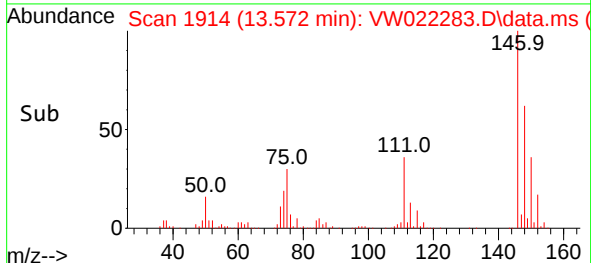
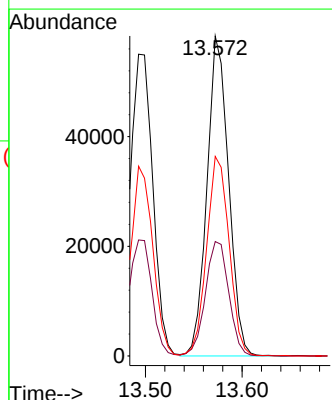
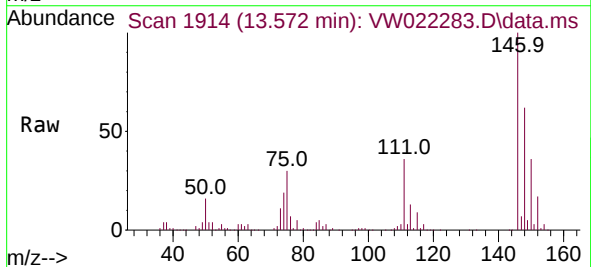
Instrument :
 MSVOA_W
 ClientSampleId :

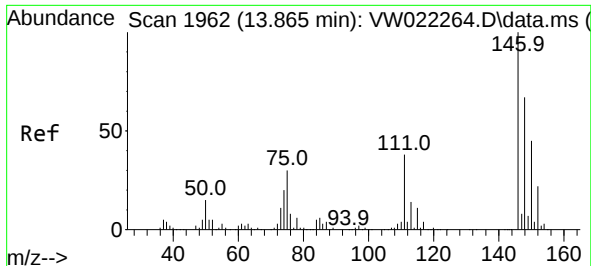
Tgt Ion:146 Resp: 90946
 Ion Ratio Lower Upper
 146 100
 111 38.5 26.9 49.9
 148 62.9 41.6 77.2



#65
 1,4-Dichlorobenzene
 Concen: 24.723 ug/L
 RT: 13.572 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

Tgt Ion:146 Resp: 90866
 Ion Ratio Lower Upper
 146 100
 111 35.7 27.5 51.1
 148 62.4 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.820 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

Instrument :

MSVOA_W

ClientSampleId :

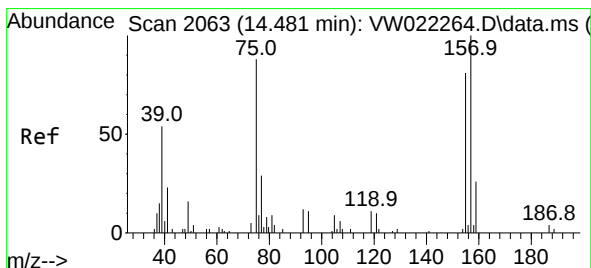
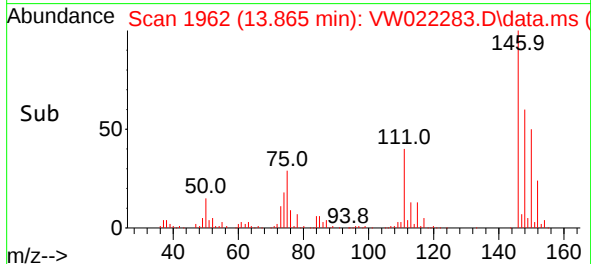
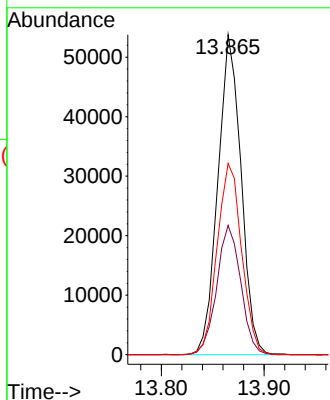
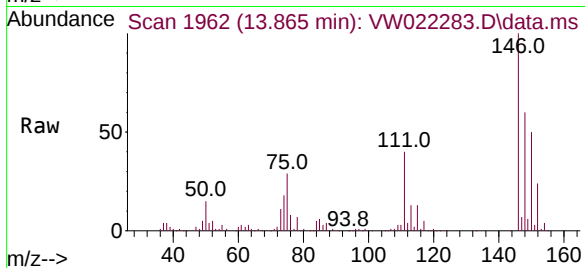
Tgt Ion:146 Resp: 84193

Ion Ratio Lower Upper

146 100

111 40.4 34.8 52.2

148 59.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 31.183 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

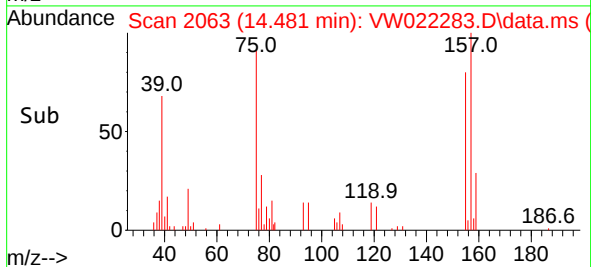
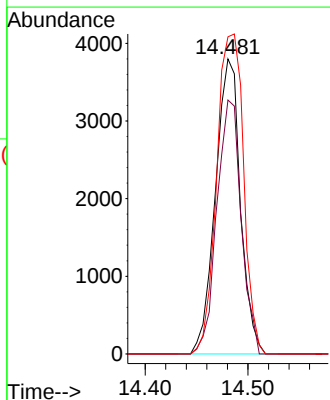
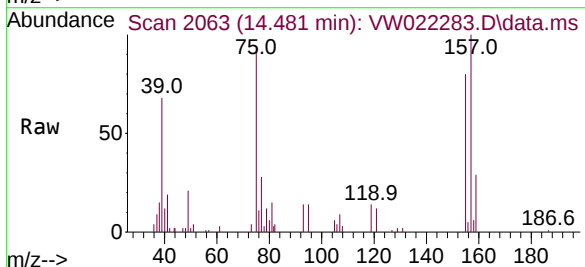
Tgt Ion: 75 Resp: 6408

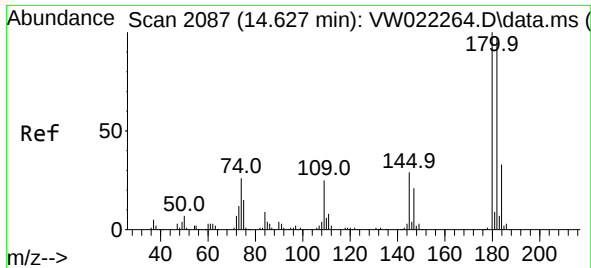
Ion Ratio Lower Upper

75 100

155 86.0 58.2 87.2

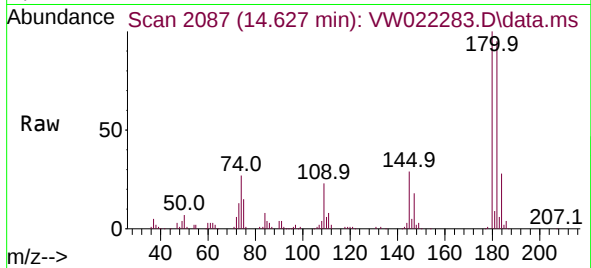
157 107.5 80.5 120.7



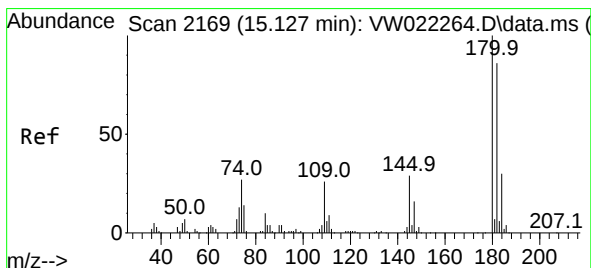
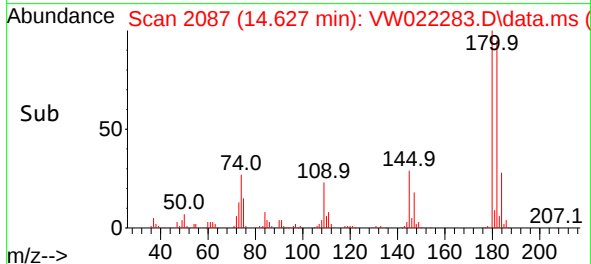
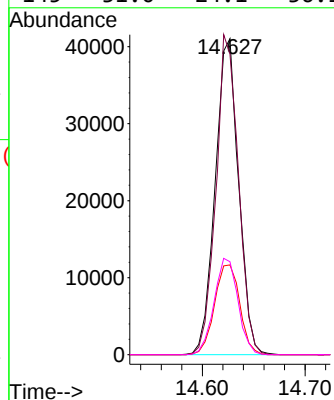


#69
 1,3,5-Trichlorobenzene
 Concen: 24.623 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

Instrument :
 MSVOA_W
 ClientSampleId :

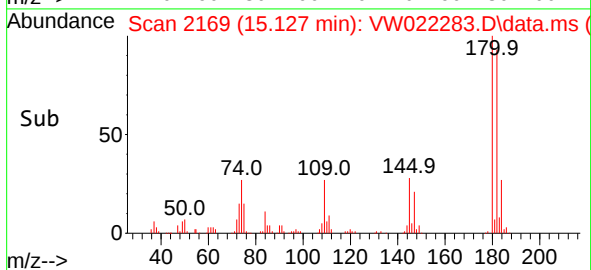
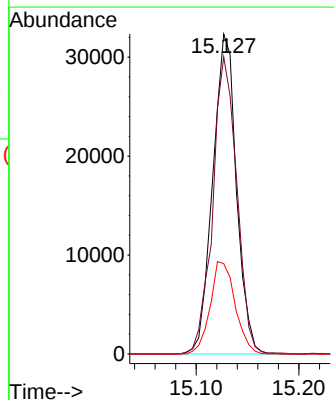
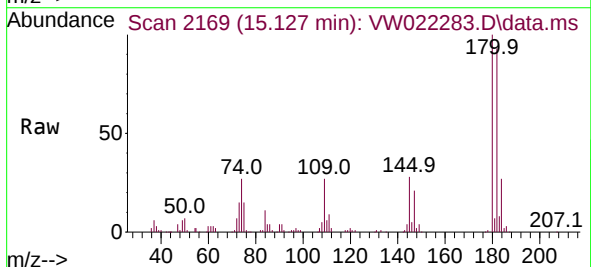


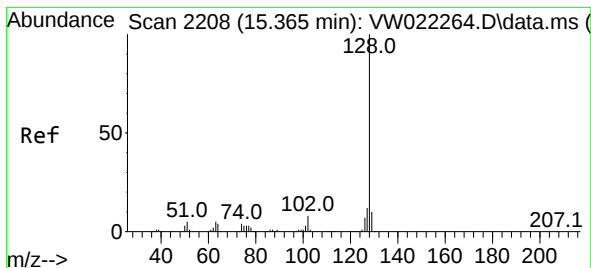
Tgt Ion:180 Resp: 64817
 Ion Ratio Lower Upper
 180 100
 182 97.0 69.4 104.0
 184 30.6 21.8 32.8
 145 31.0 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 25.951 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW022283.D
 Acq: 10 Mar 2022 19:09

Tgt Ion:180 Resp: 51689
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.8 116.6
 145 30.4 25.8 38.6





#71

Naphthalene

Concen: 31.025 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

Instrument :

MSVOA_W

ClientSampleId :

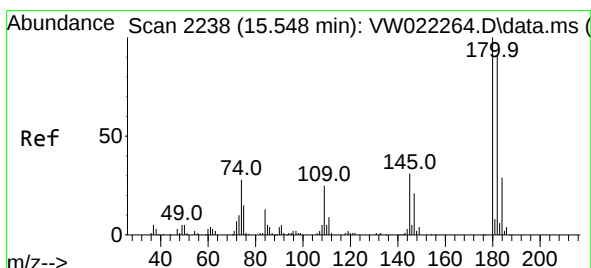
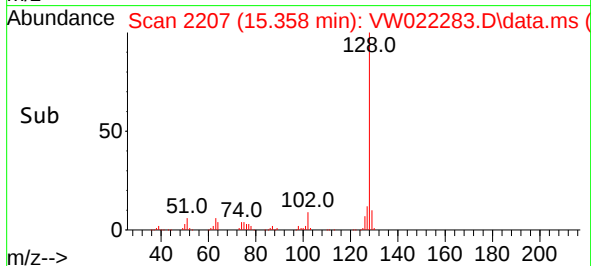
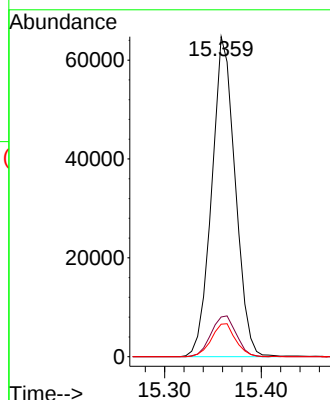
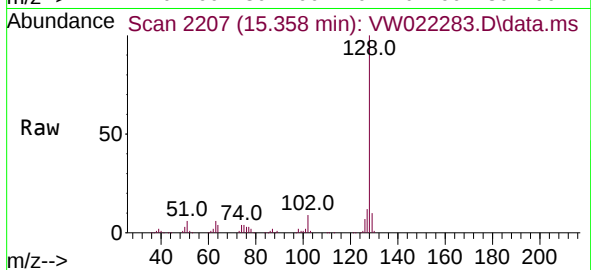
Tgt Ion:128 Resp: 109089

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.6

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 27.579 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022283.D

Acq: 10 Mar 2022 19:09

Tgt Ion:180 Resp: 47513

Ion Ratio Lower Upper

180 100

182 98.1 79.0 118.4

145 31.9 28.0 42.0

