

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022734.D
 Acq On : 02 May 2022 12:22
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 01:36:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	344376	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	331776	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	189546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	171177	24.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
7) Chloroethane-d5	2.885	69	118384	25.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	4.019	63	210772	23.088	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.360%
21) 2-Butanone-d5	7.080	46	64964	48.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.720%
24) Chloroform-d	7.653	84	258591	25.630	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.520%
26) 1,2-Dichloroethane-d4	8.305	65	139659	25.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.960%
32) Benzene-d6	8.275	84	503820	26.346	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	9.274	67	142670	26.559	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.240%
41) Toluene-d8	10.323	98	492050	26.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.560%
43) trans-1,3-Dichloroprop...	10.579	79	64232	25.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.880%
47) 2-Hexanone-d5	10.920	63	54343	52.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	132682	26.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	174705	26.367	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	43875	23.371	ug/L	94
3) Chloromethane	2.215	50	82495	22.740	ug/L	97
5) Vinyl chloride	2.361	62	155729	21.390	ug/L	96
6) Bromomethane	2.776	94	97959	20.956	ug/L	98
8) Chloroethane	2.922	64	75827	21.594	ug/L	98
9) Trichlorofluoromethane	3.257	101	66723	20.052	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	105197	21.143	ug/L	99
12) 1,1-Dichloroethene	4.044	96	93322	21.158	ug/L	93
13) Acetone	4.123	43	34796	34.597	ug/L	99
14) Carbon disulfide	4.385	76	246598	20.393	ug/L	100
15) Methyl Acetate	4.678	43	43961	21.757	ug/L #	75
16) Methylene chloride	4.915	84	102720	20.385	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	102489	20.648	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	169952	22.430	ug/L	99
19) 1,1-Dichloroethane	6.220	63	181659	21.594	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	117184	21.980	ug/L #	97
22) 2-Butanone	7.171	43	55750	39.636	ug/L	100
23) Bromochloromethane	7.512	128	53432	21.401	ug/L	99
25) Chloroform	7.677	83	203237	21.849	ug/L	99

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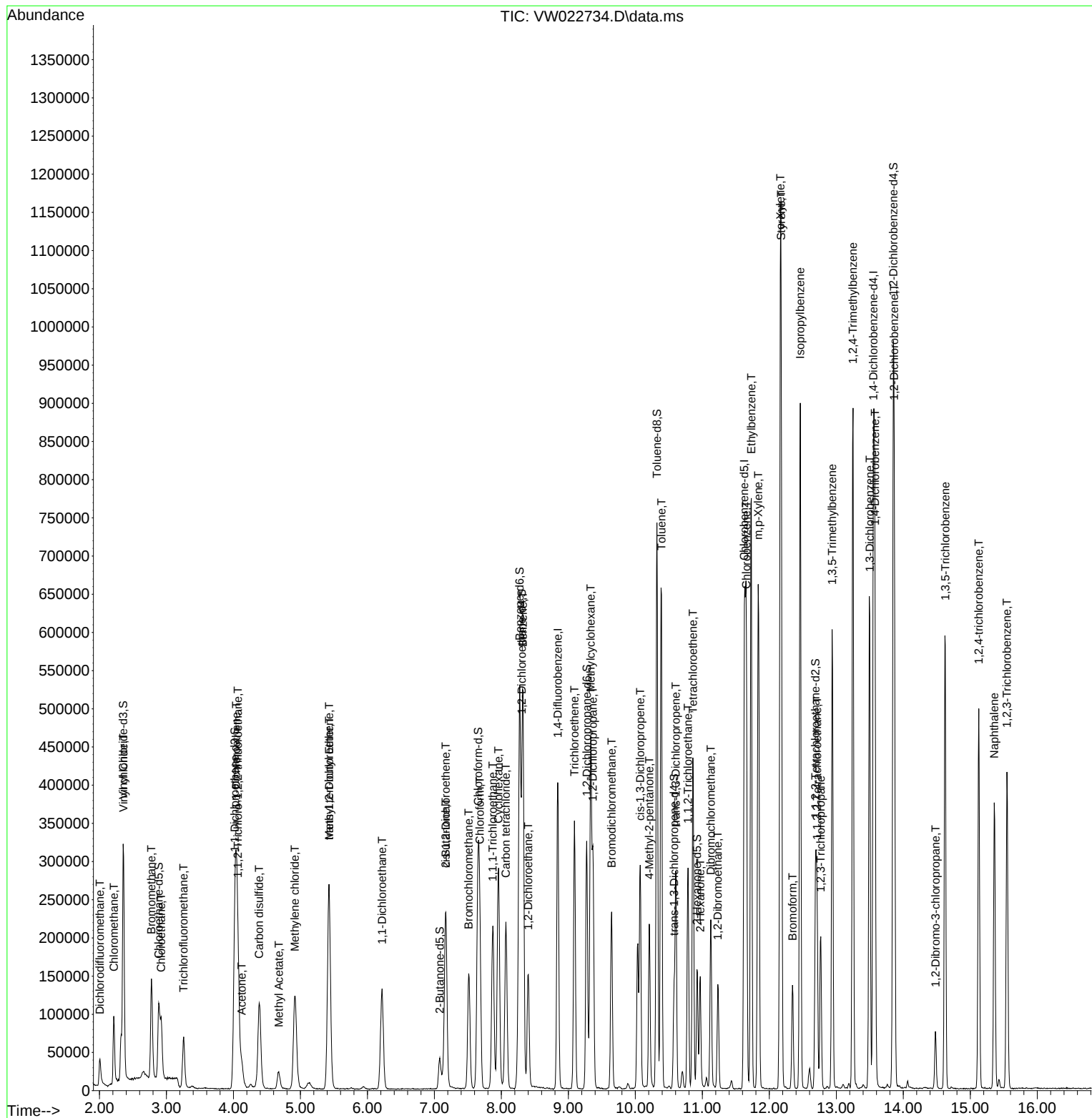
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135200	21.804	ug/L	98
29) Cyclohexane	7.958	56	157610	21.966	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	172917	22.054	ug/L	99
31) Carbon tetrachloride	8.067	117	159432	21.738	ug/L	99
33) Benzene	8.323	78	433371	22.173	ug/L	100
34) Trichloroethene	9.091	95	116045	21.589	ug/L	98
35) Methylcyclohexane	9.335	83	190275	21.548	ug/L	97
37) 1,2-Dichloropropane	9.366	63	104284	22.048	ug/L	99
38) Bromodichloromethane	9.646	83	148683	22.132	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	168151	22.928	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	131319	44.049	ug/L	99
42) Toluene	10.390	91	488054	22.281	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	147906	22.595	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	87486	22.126	ug/L	99
46) Tetrachloroethene	10.859	164	85814	21.244	ug/L	91
48) 2-Hexanone	10.969	43	89493	44.928	ug/L	97
49) Dibromochloromethane	11.128	129	108589	22.818	ug/L	97
50) 1,2-Dibromoethane	11.231	107	87452	22.027	ug/L	97
51) Chlorobenzene	11.658	112	326291	22.596	ug/L	98
52) Ethylbenzene	11.731	91	553361	22.708	ug/L	99
53) m,p-Xylene	11.835	106	218233	22.728	ug/L	99
54) o-Xylene	12.164	106	208529	22.632	ug/L	95
55) Styrene	12.176	104	357796	22.852	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	107729	21.814	ug/L	100
59) Bromoform	12.347	173	58746	21.870	ug/L	98
60) Isopropylbenzene	12.463	105	565952	21.795	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	79972	21.116	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	313991	21.735	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	482507	22.244	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	256062	22.087	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	255080	21.301	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	228432	21.532	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17557	21.211	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	173177	22.503	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	144989	23.421	ug/L	99
71) Naphthalene	15.359	128	314340	23.363	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	125040	22.790	ug/L	94

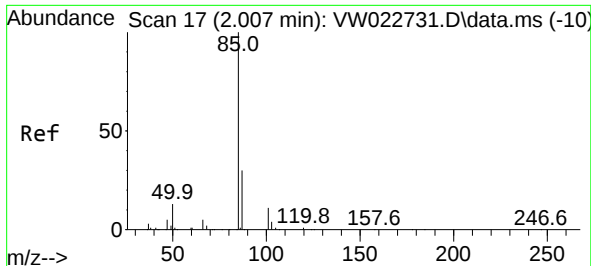
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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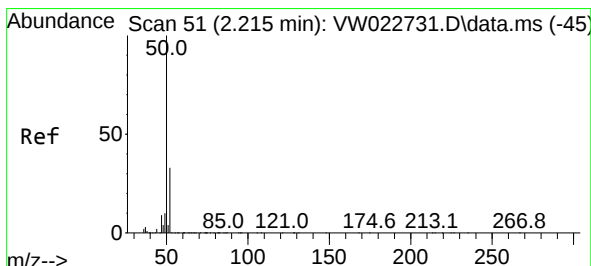
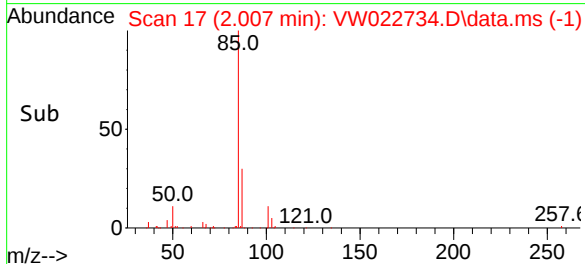
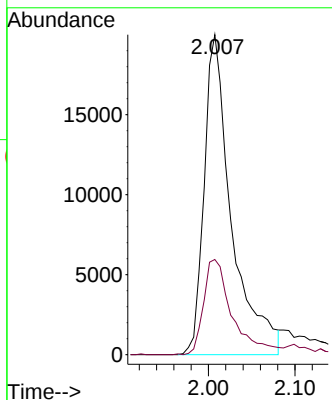
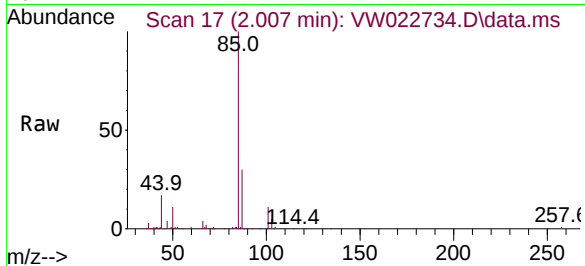




#2
 Dichlorodifluoromethane
 Concen: 23.371 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022734.D
 Acq: 02 May 2022 12:22

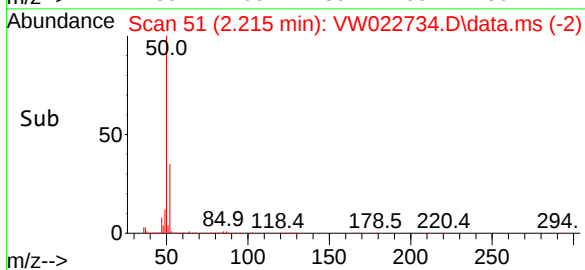
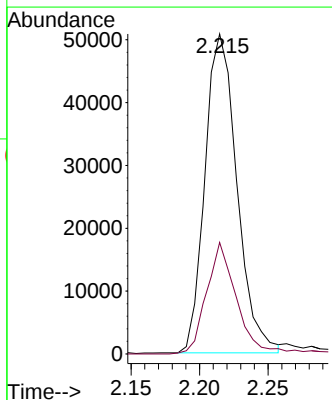
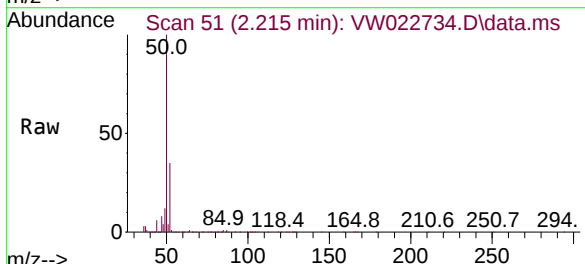
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 ClientSampleId :

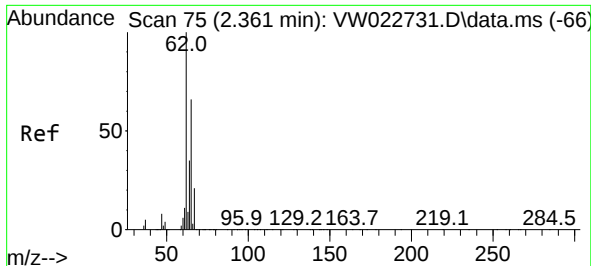
Tgt Ion: 85 Resp: 43875
 Ion Ratio Lower Upper
 85 100
 87 31.6 27.8 41.8



#3
 Chloromethane
 Concen: 22.740 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022734.D
 Acq: 02 May 2022 12:22

Tgt Ion: 50 Resp: 82495
 Ion Ratio Lower Upper
 50 100
 52 34.9 23.1 42.9

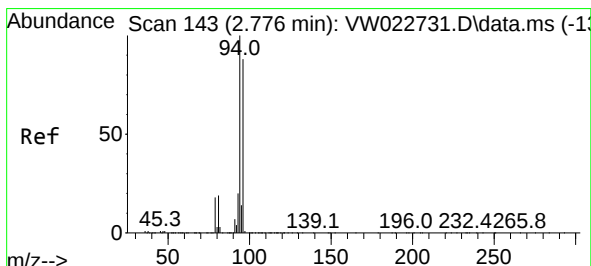
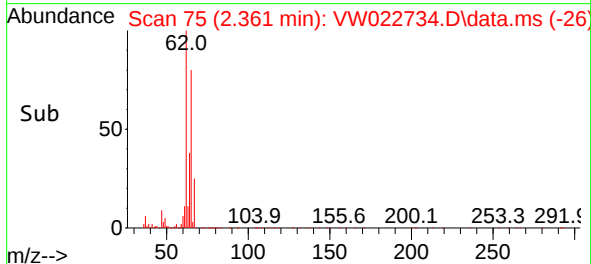
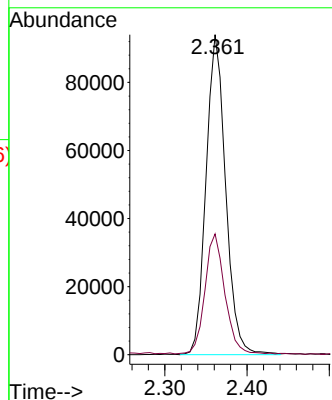
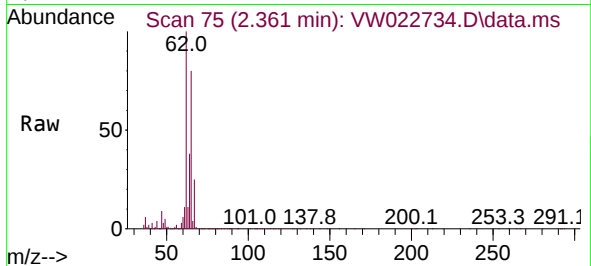




#5
 Vinyl chloride
 Concen: 21.390 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022734.D
 Acq: 02 May 2022 12:22

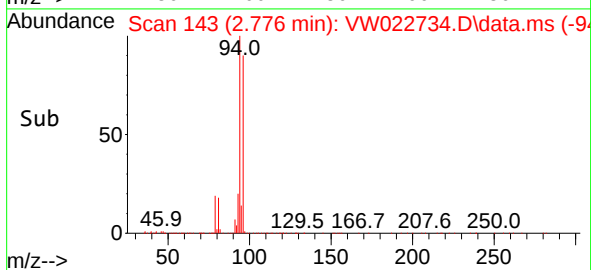
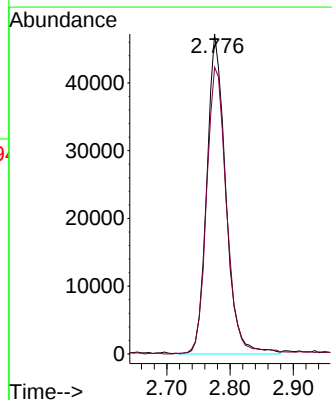
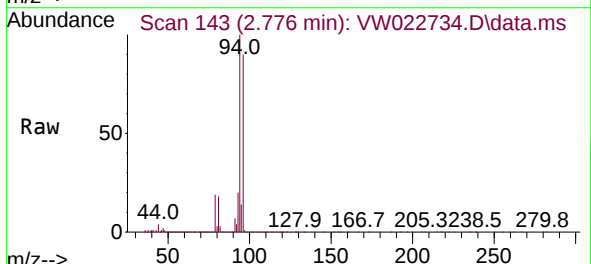
Instrument :
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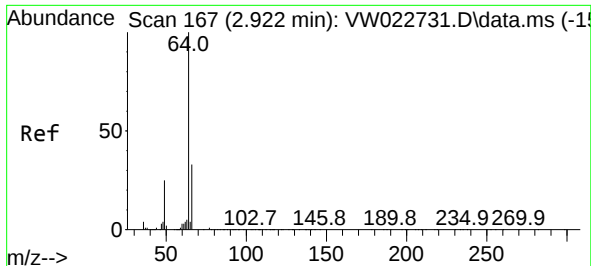
Tgt Ion: 62 Resp: 155729
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.9 46.3



#6
 Bromomethane
 Concen: 20.956 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022734.D
 Acq: 02 May 2022 12:22

Tgt Ion: 94 Resp: 97959
 Ion Ratio Lower Upper
 94 100
 96 89.6 61.7 114.5

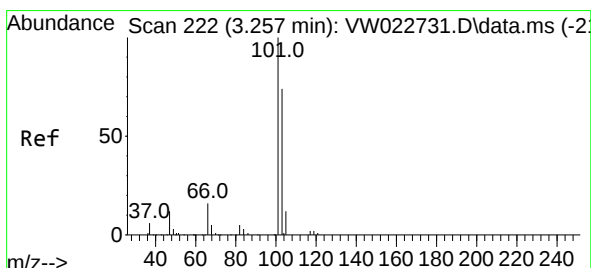
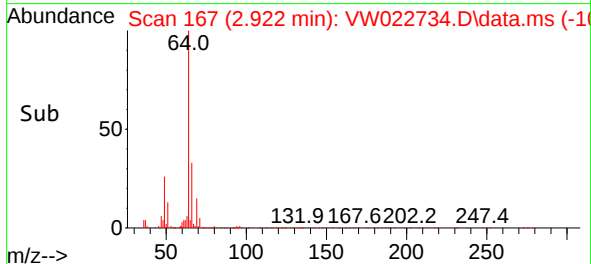
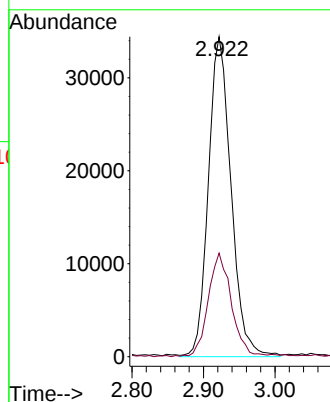
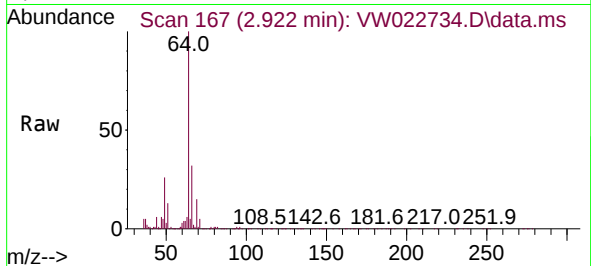




#8
Chloroethane
Concen: 21.594 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

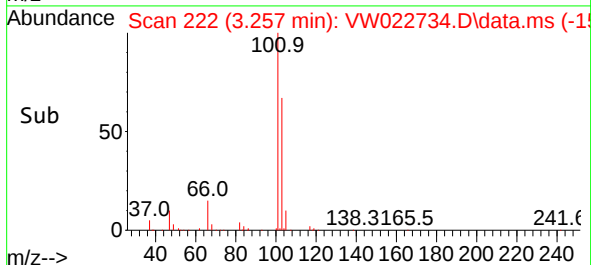
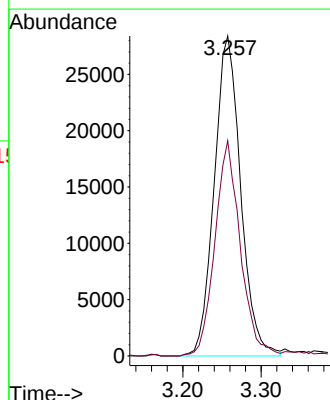
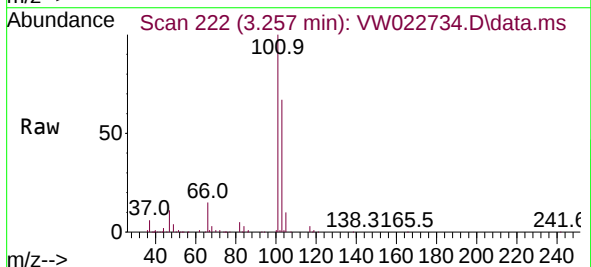
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MSVOA_W
ClientSampleId :

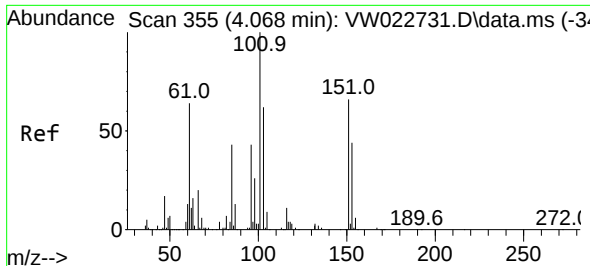
Tgt Ion: 64 Resp: 75827
Ion Ratio Lower Upper
64 100
66 32.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 20.052 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion: 101 Resp: 66723
Ion Ratio Lower Upper
101 100
103 64.4 53.9 80.9

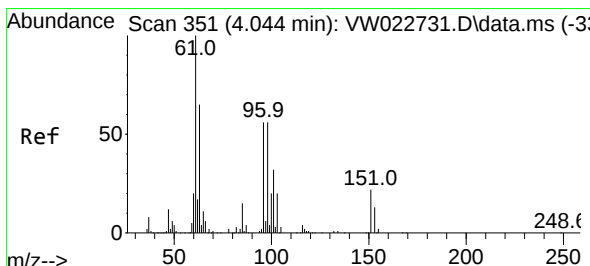
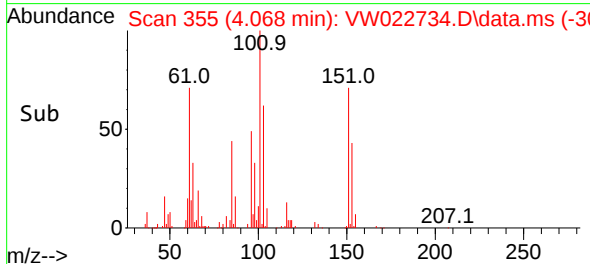
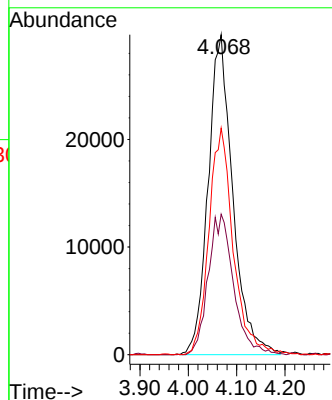
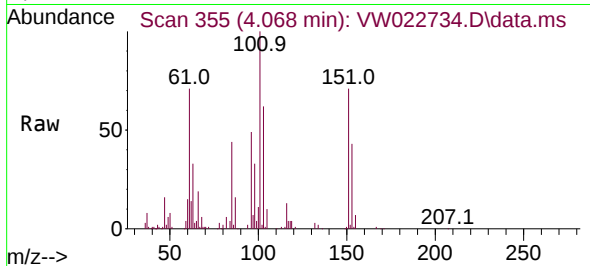




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.143 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW022734.D
 Acq: 02 May 2022 12:22

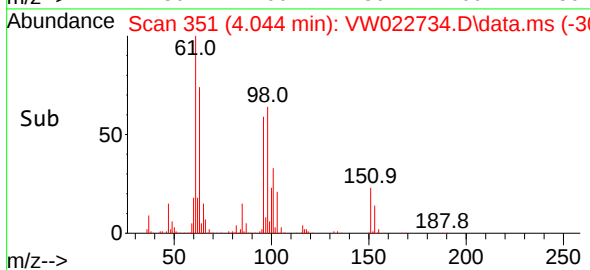
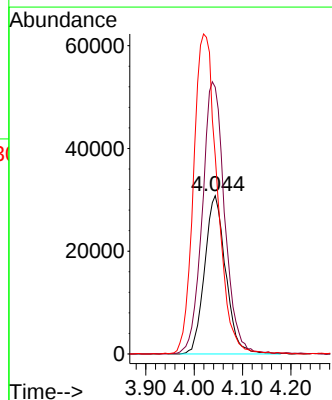
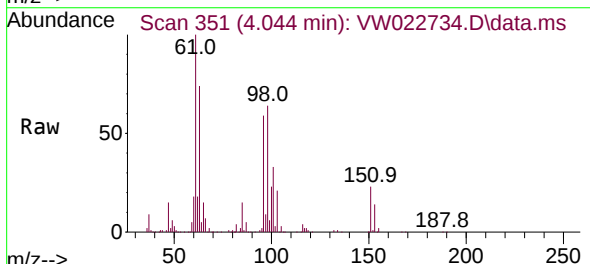
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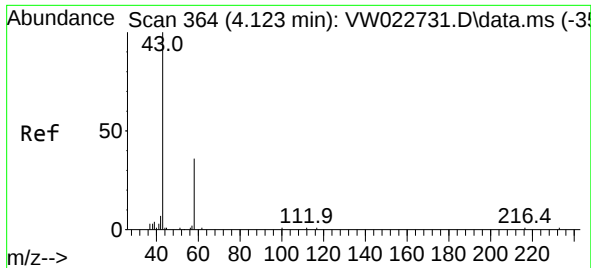
Tgt Ion:101 Resp: 105197
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.3 51.5
 151 68.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.158 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022734.D
 Acq: 02 May 2022 12:22

Tgt Ion: 96 Resp: 93322
 Ion Ratio Lower Upper
 96 100
 61 168.6 125.7 233.5
 63 125.2 83.4 155.0

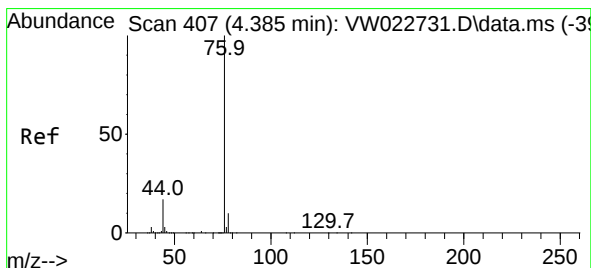
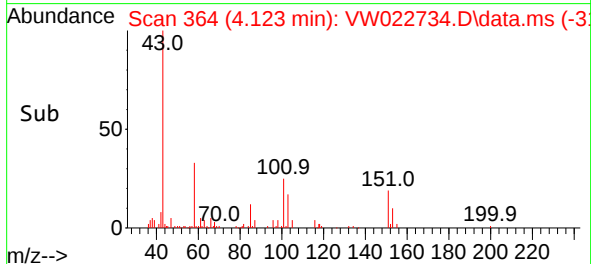
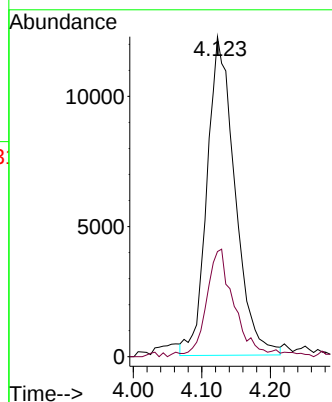
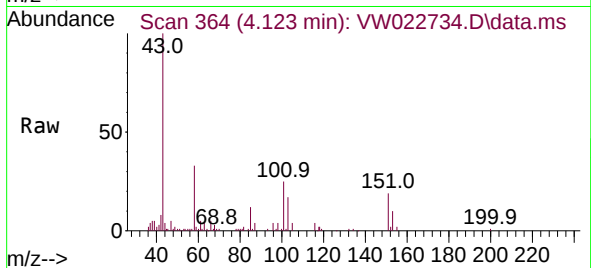




#13
Acetone
Concen: 34.597 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

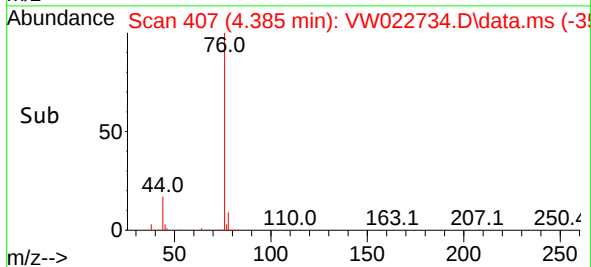
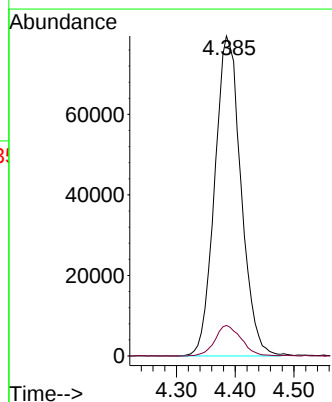
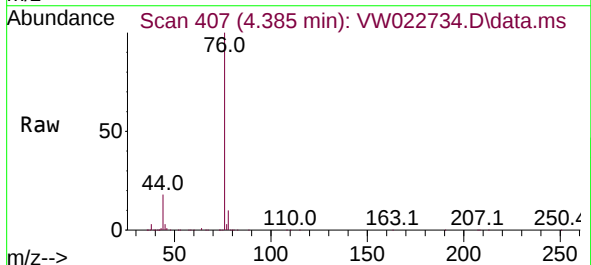
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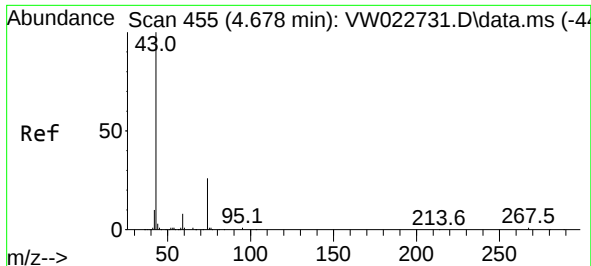
Tgt Ion: 43 Resp: 34796
Ion Ratio Lower Upper
43 100
58 32.5 0.0 64.0



#14
Carbon disulfide
Concen: 20.393 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 246598
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5

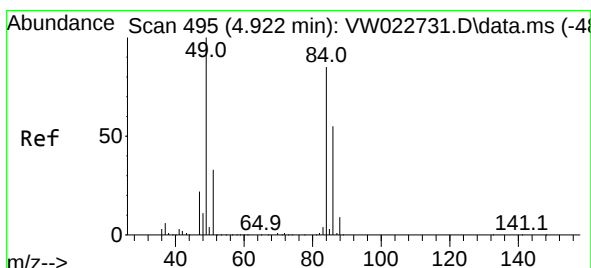
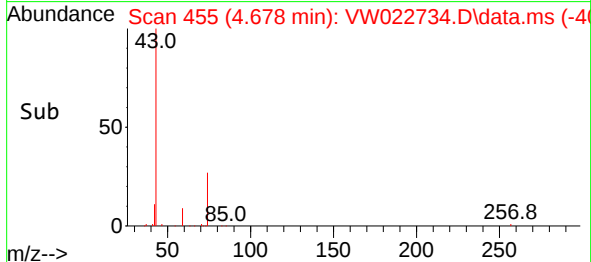
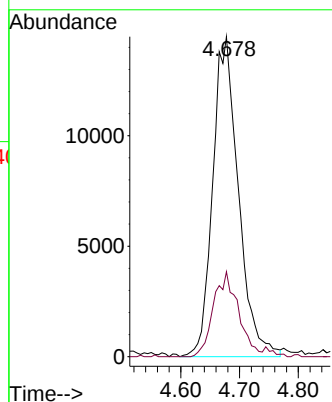
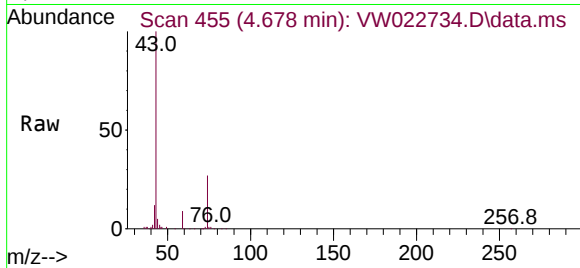




#15
Methyl Acetate
Concen: 21.757 ug/L
RT: 4.678 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

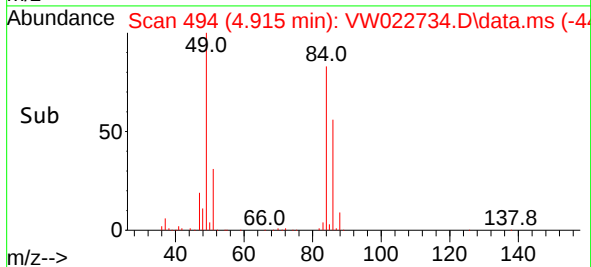
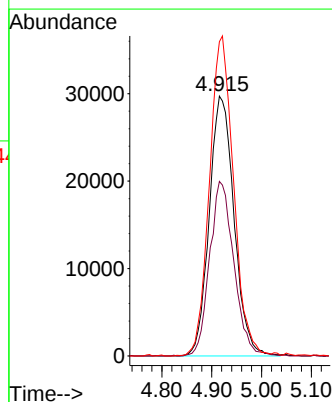
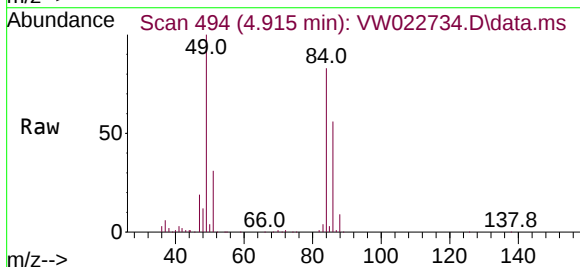
Instrument :
MSVOA_W
ClientSampleId :

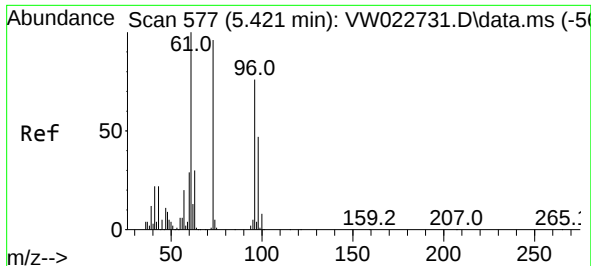
Tgt Ion: 43 Resp: 43961
Ion Ratio Lower Upper
43 100
74 14.3 21.9 32.9#



#16
Methylene chloride
Concen: 20.385 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

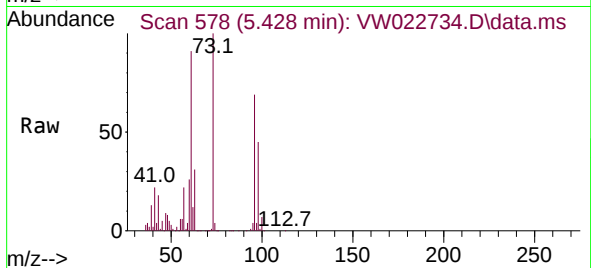
Tgt Ion: 84 Resp: 102720
Ion Ratio Lower Upper
84 100
86 67.2 45.4 84.4
49 120.9 82.5 153.1



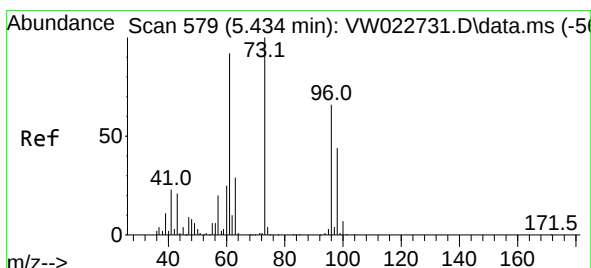
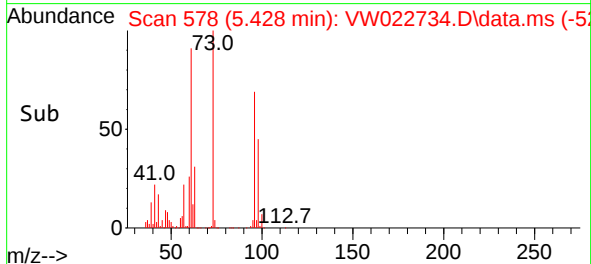
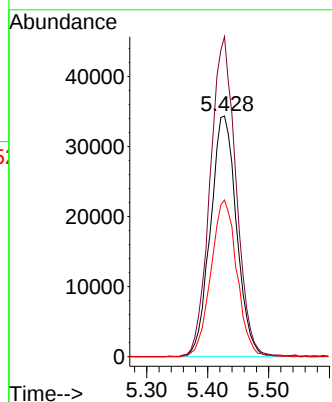


#17
trans-1,2-Dichloroethene
Concen: 20.648 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Instrument :
MSVOA_W
ClientSampleId :

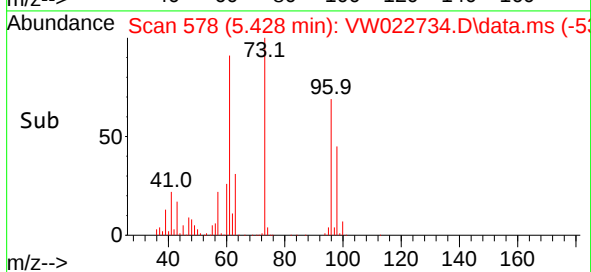
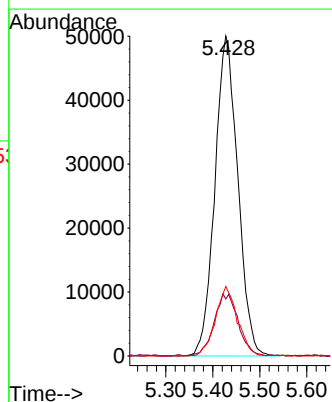
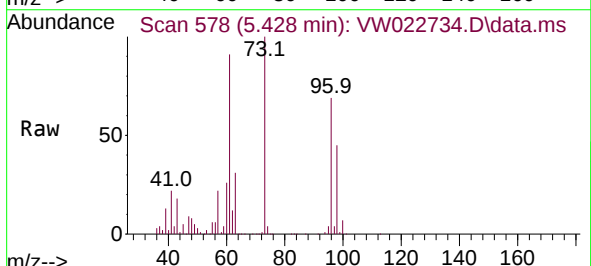


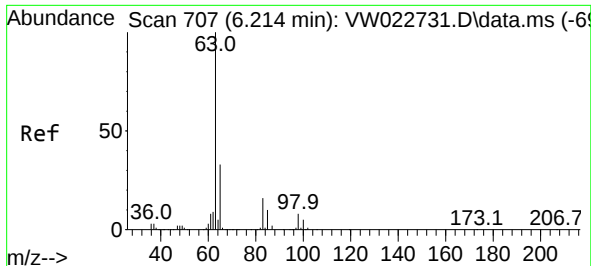
Tgt Ion: 96 Resp: 102489
Ion Ratio Lower Upper
96 100
61 132.9 92.2 171.2
98 65.1 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 22.430 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion: 73 Resp: 169952
Ion Ratio Lower Upper
73 100
43 20.3 15.9 23.9
57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 21.594 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

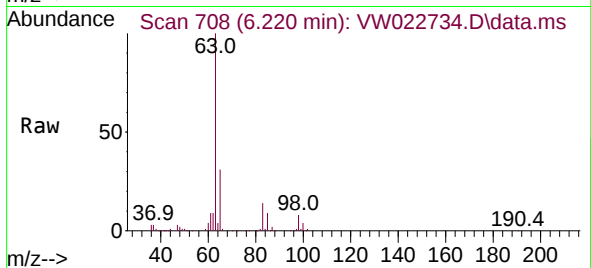
Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :



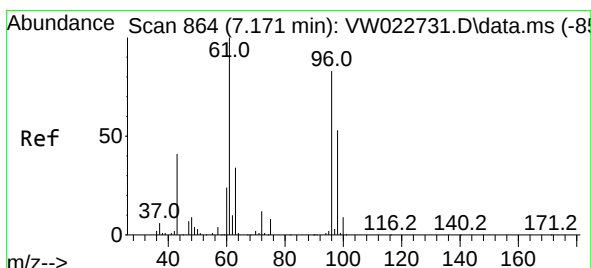
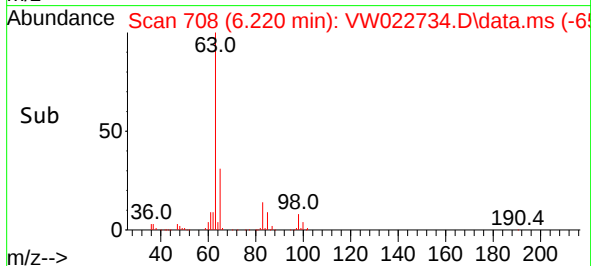
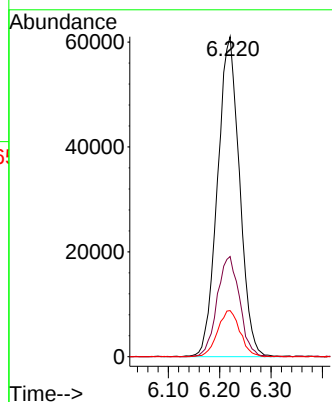
Tgt Ion: 63 Resp: 181659

Ion Ratio Lower Upper

63 100

65 31.3 23.3 43.3

83 14.4 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 21.980 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

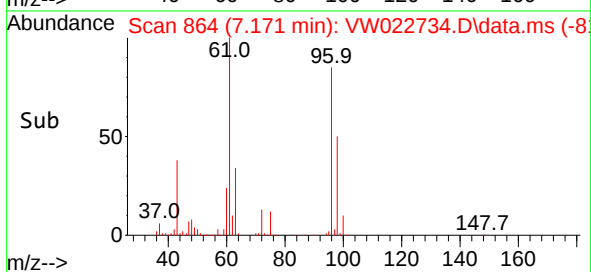
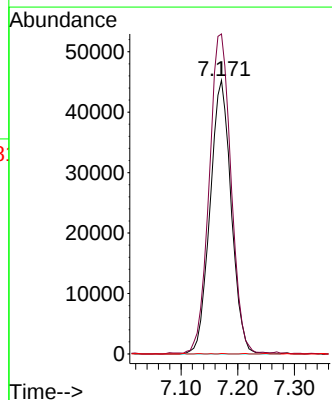
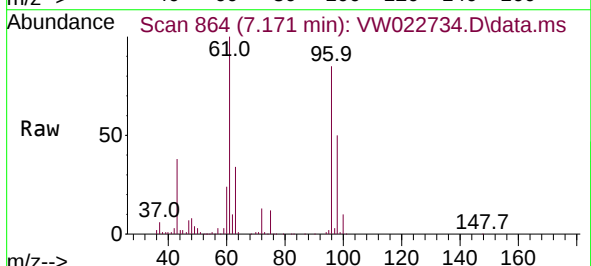
Tgt Ion: 96 Resp: 117184

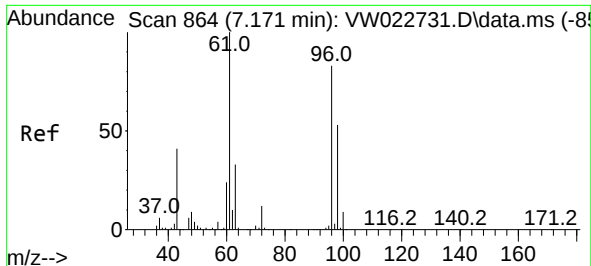
Ion Ratio Lower Upper

96 100

61 117.0 84.2 156.4

68 0.2 0.1 0.1#

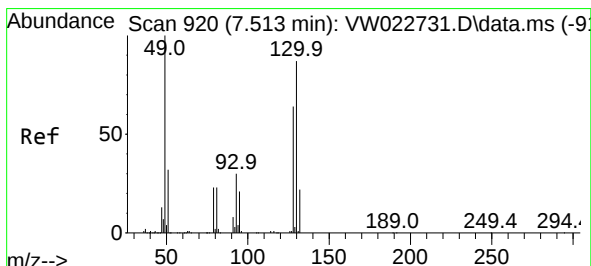
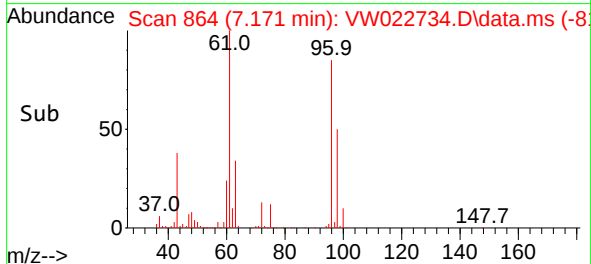
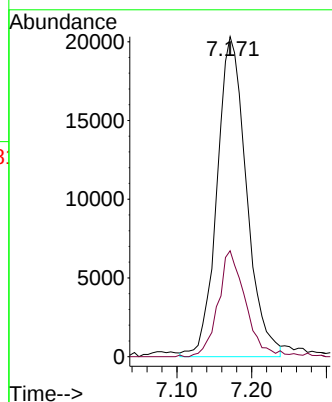
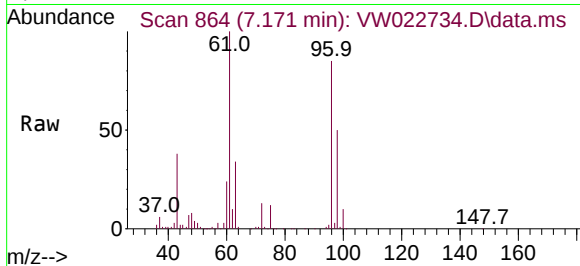




#22
2-Butanone
Concen: 39.636 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

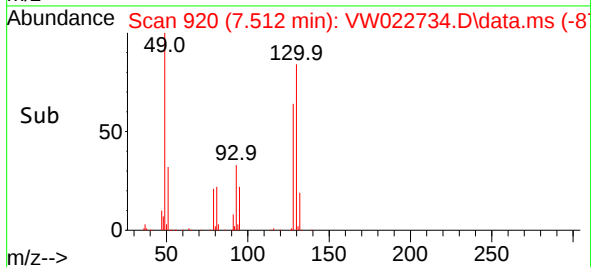
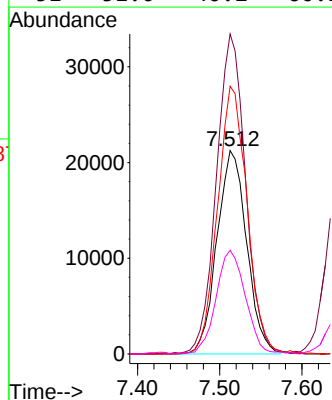
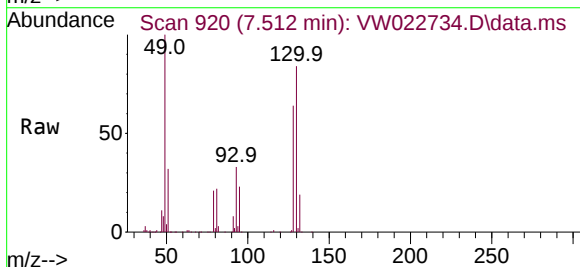
Instrument :
MSVOA_W
ClientSampleId :

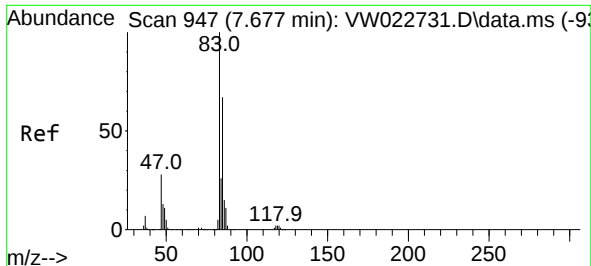
Tgt Ion: 43 Resp: 55750
Ion Ratio Lower Upper
43 100
72 30.1 15.1 45.3



#23
Bromochloromethane
Concen: 21.401 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion: 128 Resp: 53432
Ion Ratio Lower Upper
128 100
49 157.4 110.0 204.4
130 131.7 94.8 176.0
51 51.0 40.2 60.2

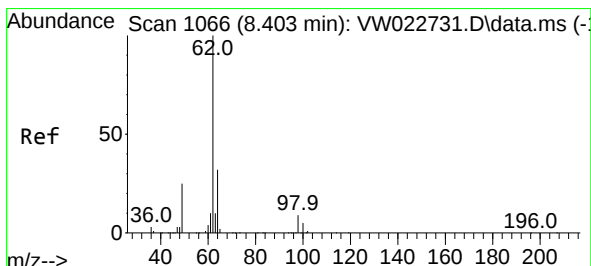
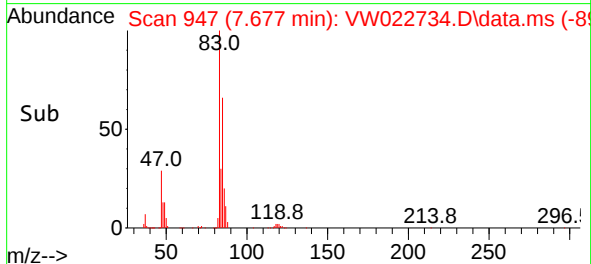
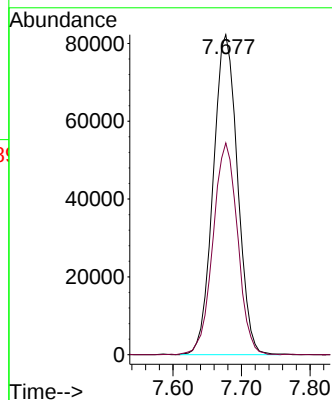
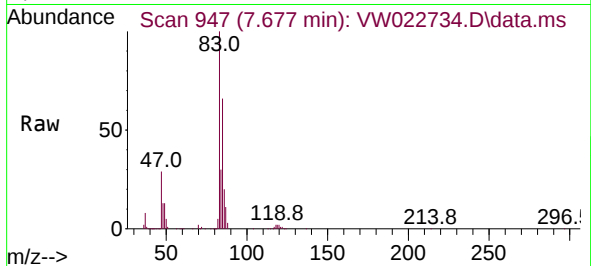




#25
Chloroform
Concen: 21.849 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

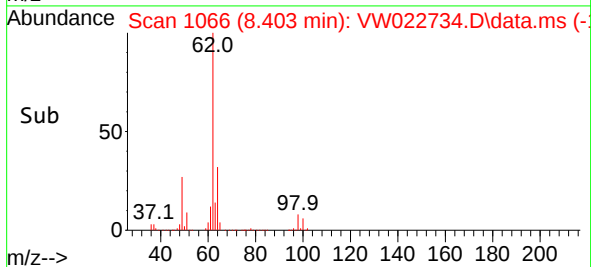
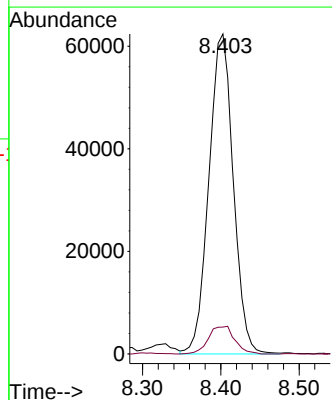
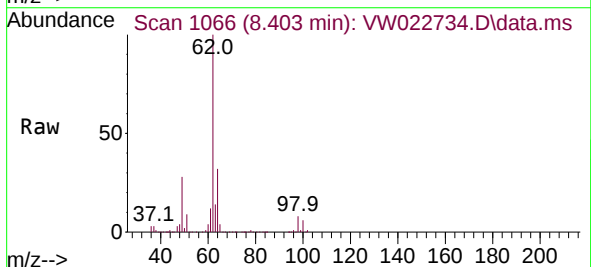
Instrument :
MSVOA_W
ClientSampleId :

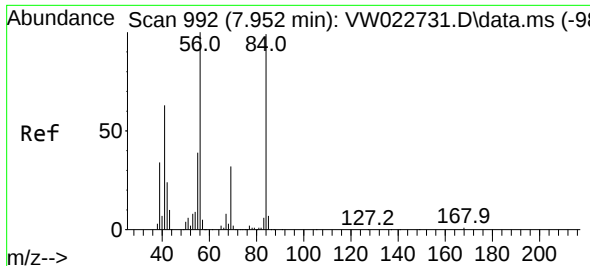
Tgt Ion: 83 Resp: 203237
Ion Ratio Lower Upper
83 100
85 66.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 21.804 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

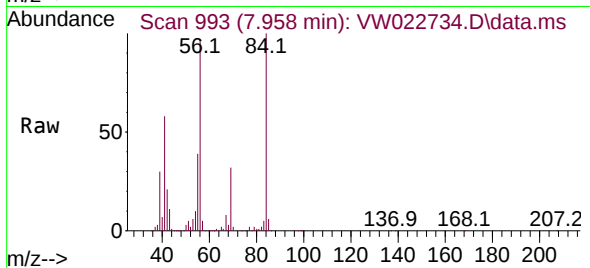
Tgt Ion: 62 Resp: 135200
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8



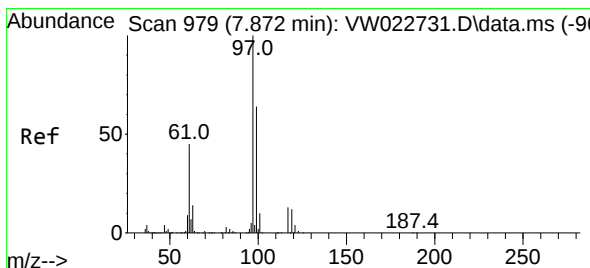
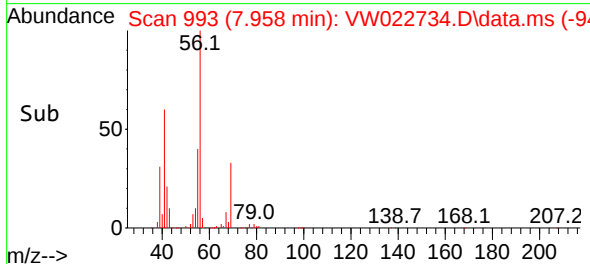
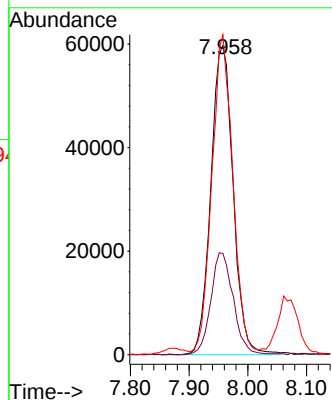


#29
Cyclohexane
Concen: 21.966 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Instrument :
MSVOA_W
ClientSampleId :

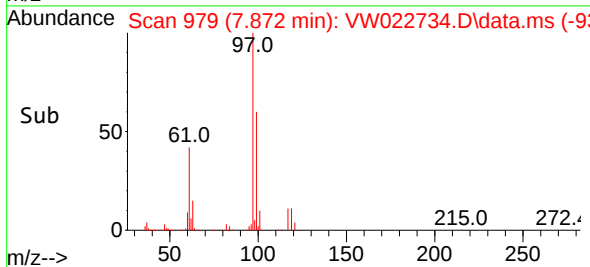
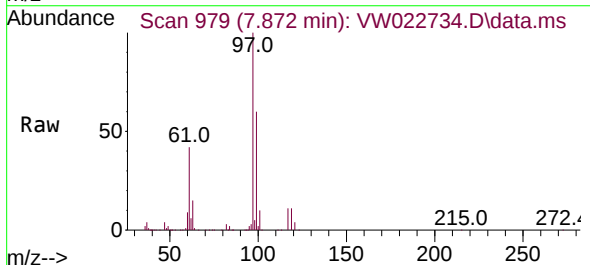
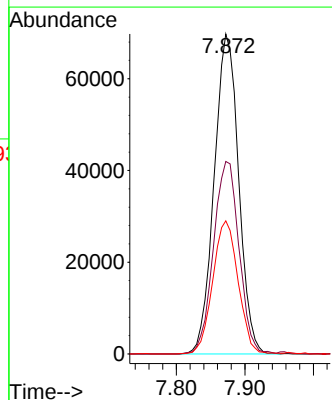


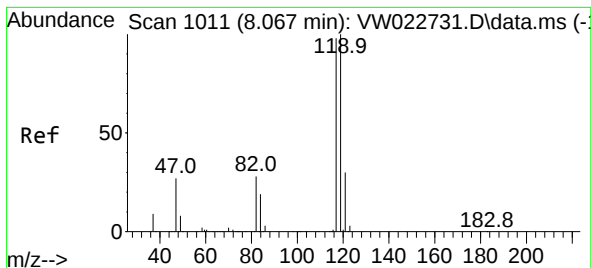
Tgt Ion: 56 Resp: 157610
Ion Ratio Lower Upper
56 100
69 33.1 25.6 38.4
84 97.5 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 22.054 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion: 97 Resp: 172917
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.4
61 43.1 34.8 52.2





#31

Carbon tetrachloride

Concen: 21.738 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

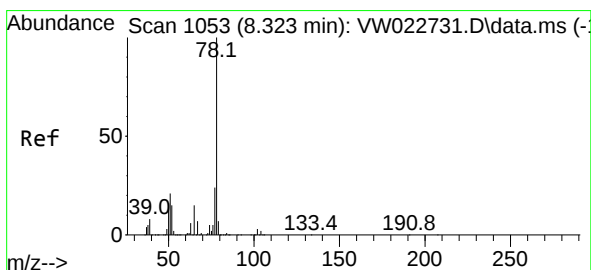
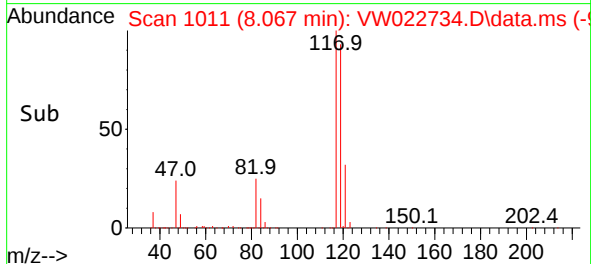
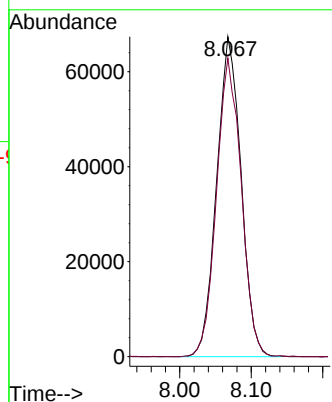
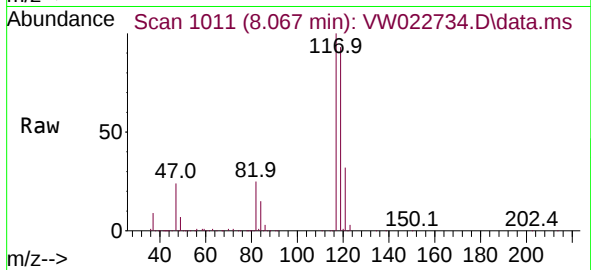
ClientSampleId :

Tgt Ion:117 Resp: 159432

Ion Ratio Lower Upper

117 100

119 94.7 76.6 115.0



#33

Benzene

Concen: 22.173 ug/L

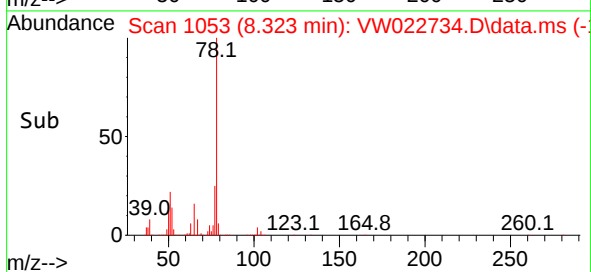
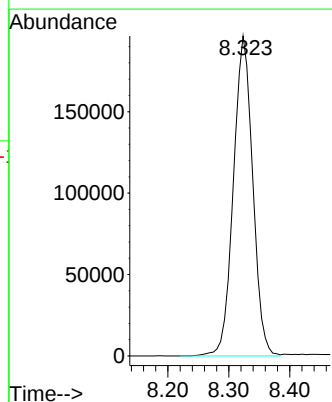
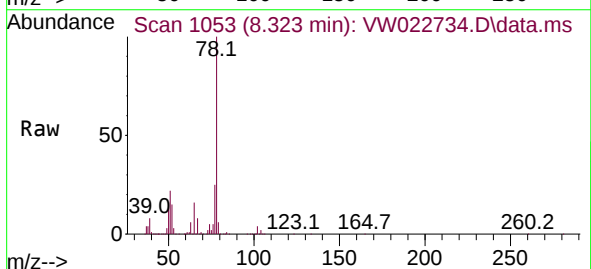
RT: 8.323 min Scan# 1053

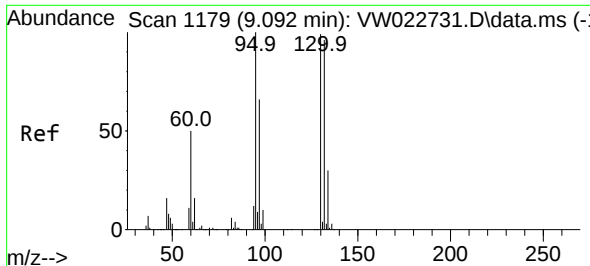
Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Tgt Ion: 78 Resp: 433371





#34

Trichloroethene

Concen: 21.589 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

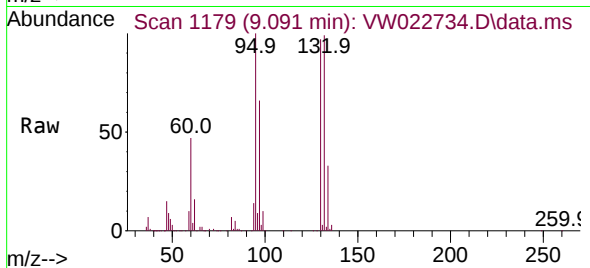
Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 116045

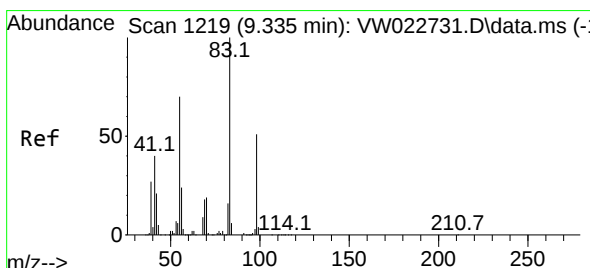
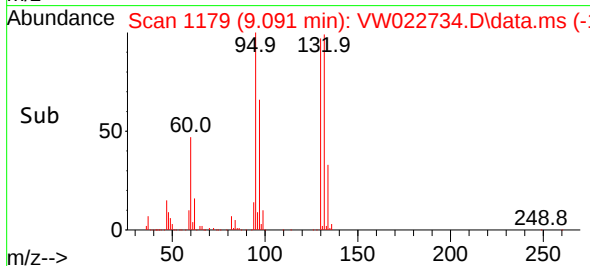
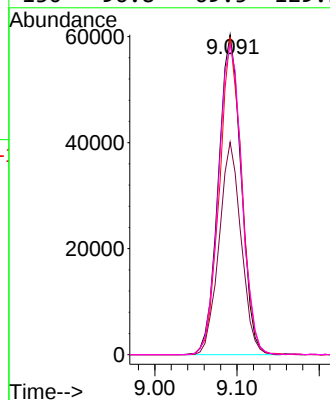
Ion Ratio Lower Upper

95 100

97 66.4 46.1 85.7

132 99.2 66.9 124.3

130 96.8 69.5 129.1



#35

Methylcyclohexane

Concen: 21.548 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

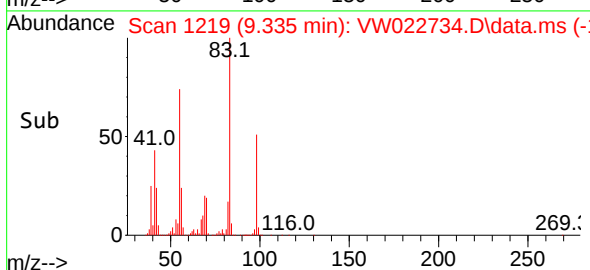
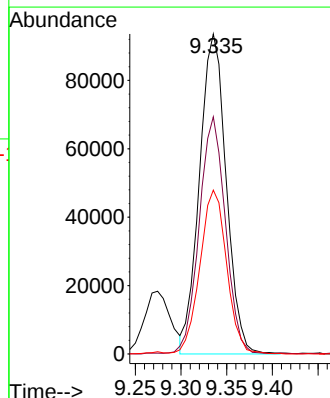
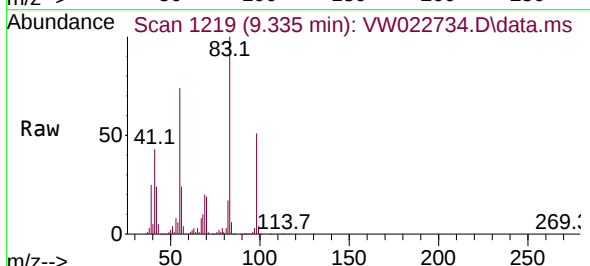
Tgt Ion: 83 Resp: 190275

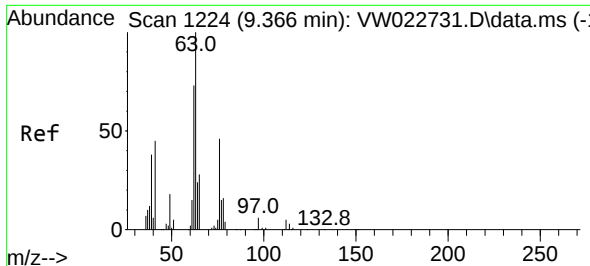
Ion Ratio Lower Upper

83 100

55 72.5 55.1 82.7

98 51.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.048 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

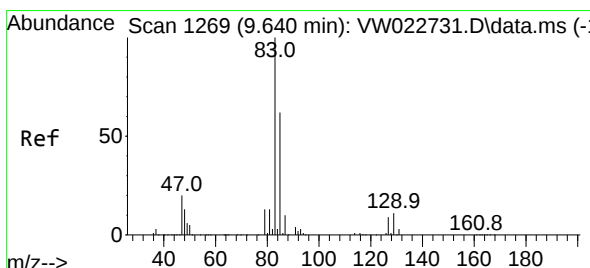
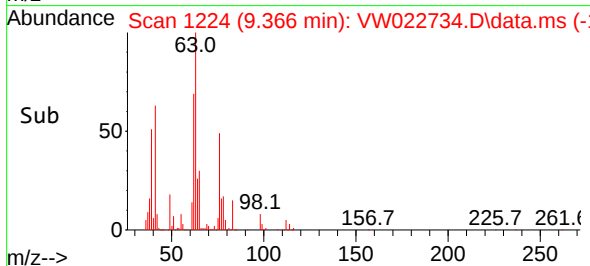
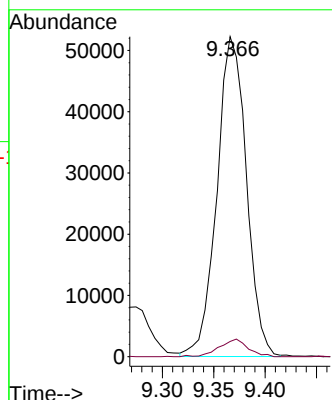
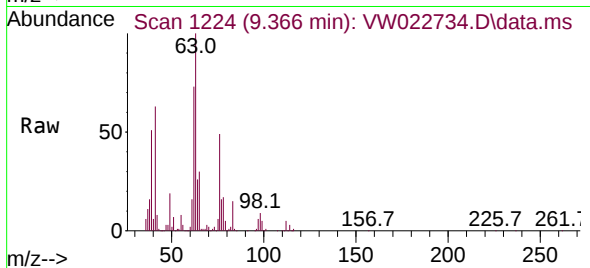
ClientSampleId :

Tgt Ion: 63 Resp: 104284

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 22.132 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

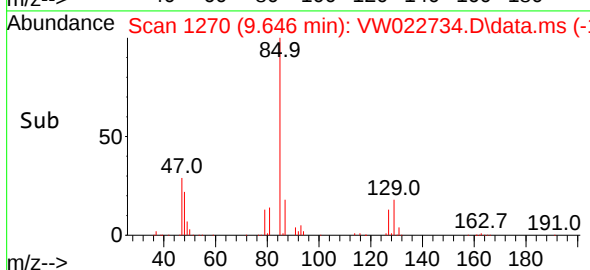
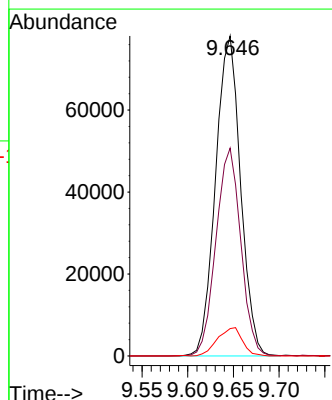
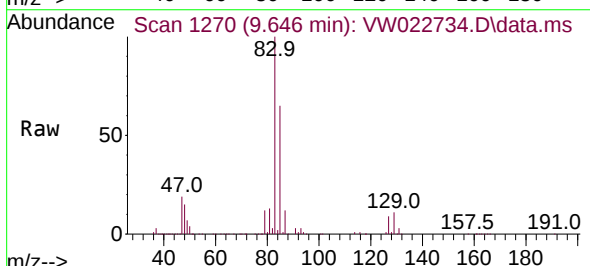
Tgt Ion: 83 Resp: 148683

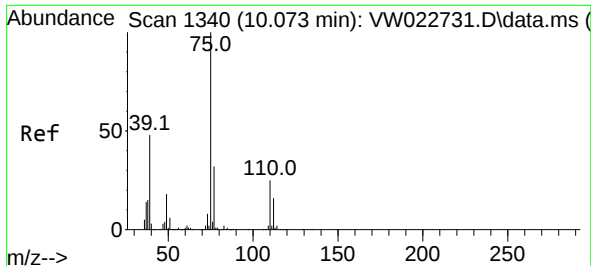
Ion Ratio Lower Upper

83 100

85 64.9 43.5 80.7

127 8.5 7.1 10.7

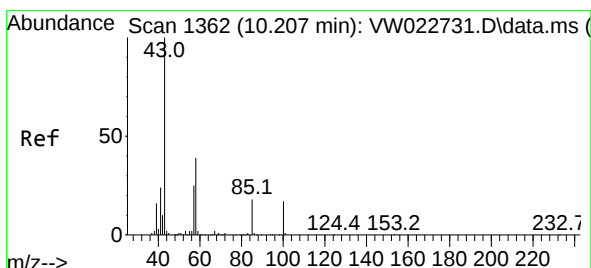
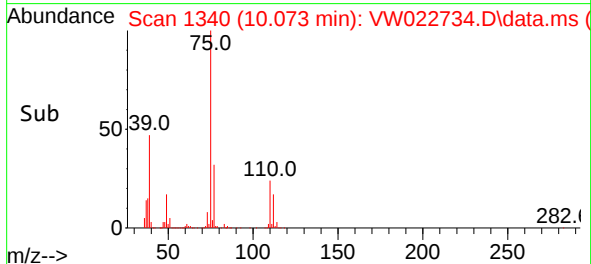
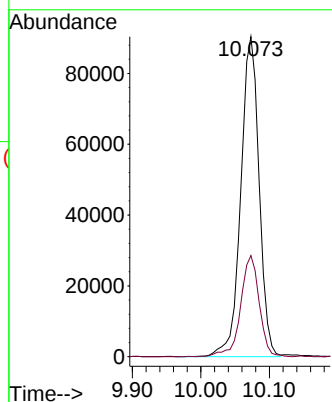
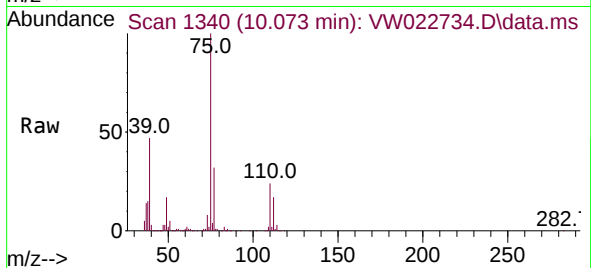




#39
 cis-1,3-Dichloropropene
 Concen: 22.928 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW022734.D
 Acq: 02 May 2022 12:22

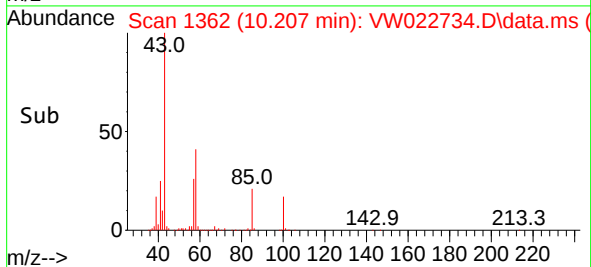
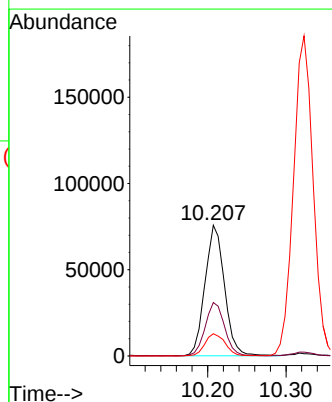
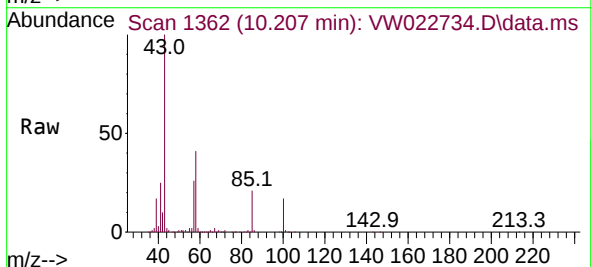
Instrument :
 MSVOA_W
 ClientSampleId :

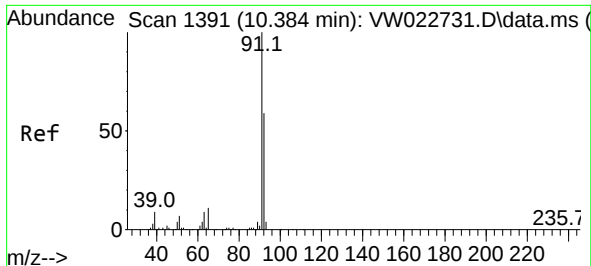
Tgt Ion: 75 Resp: 168151
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 44.049 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW022734.D
 Acq: 02 May 2022 12:22

Tgt Ion: 43 Resp: 131319
 Ion Ratio Lower Upper
 43 100
 58 40.6 31.4 47.2
 100 17.8 14.2 21.4

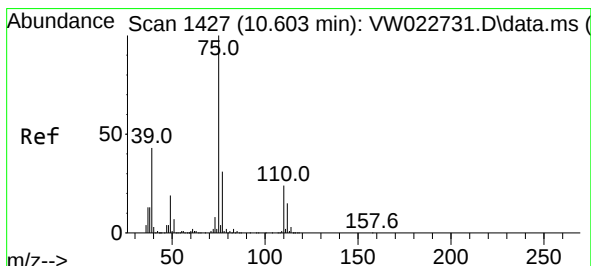
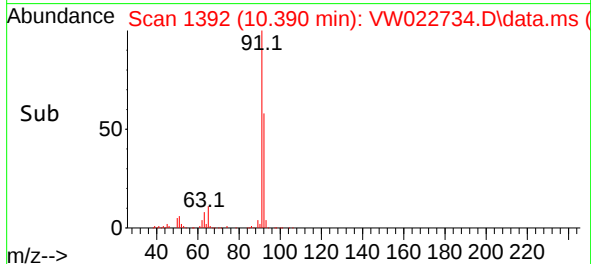
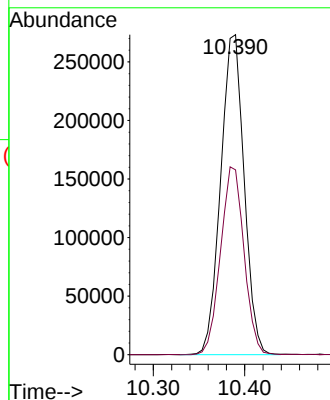
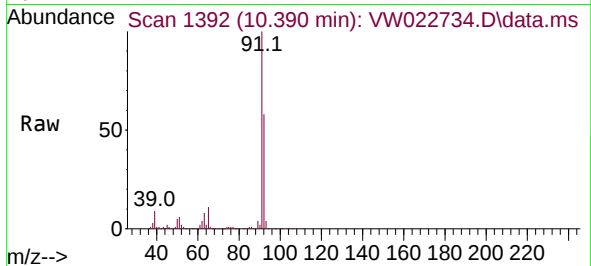




#42
Toluene
Concen: 22.281 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

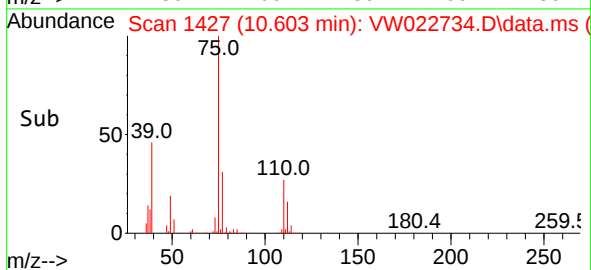
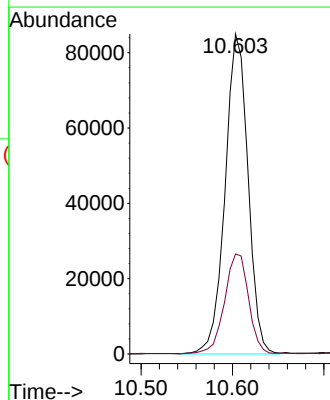
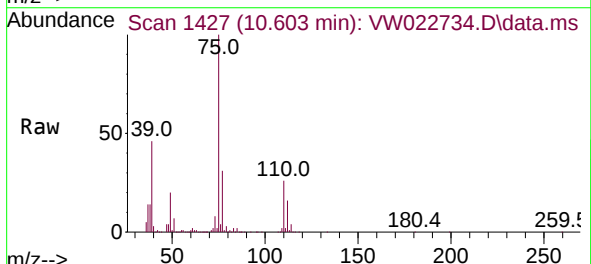
Instrument :
MSVOA_W
ClientSampleId :

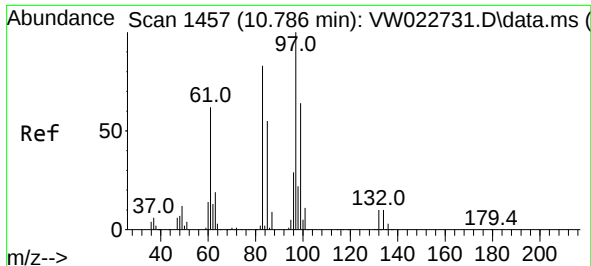
Tgt Ion: 91 Resp: 488054
Ion Ratio Lower Upper
91 100
92 57.8 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 22.595 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion: 75 Resp: 147906
Ion Ratio Lower Upper
75 100
77 31.2 22.0 40.8

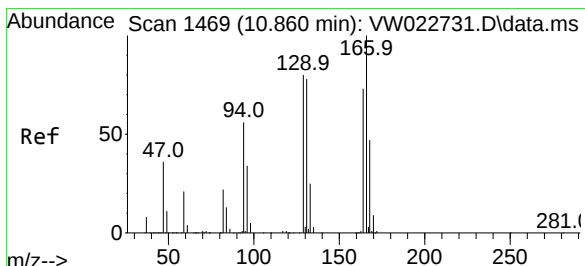
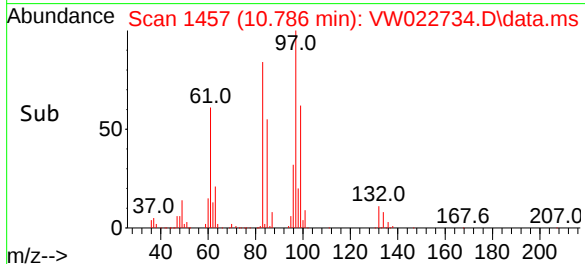
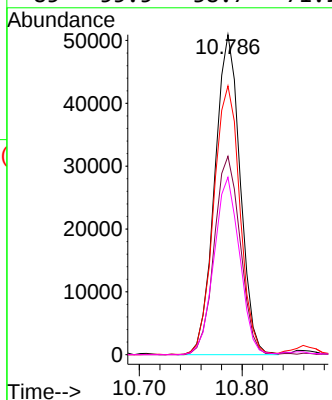
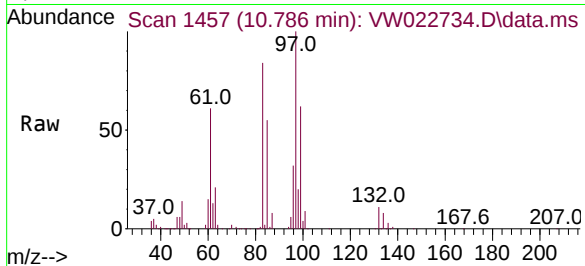




#45
1,1,2-Trichloroethane
Concen: 22.126 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

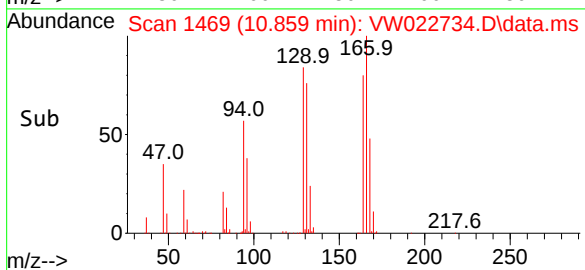
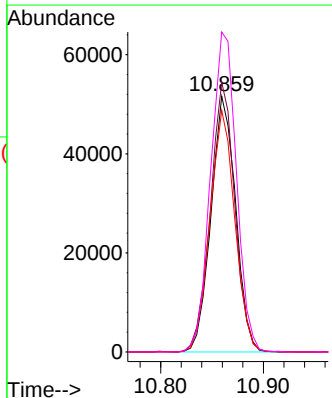
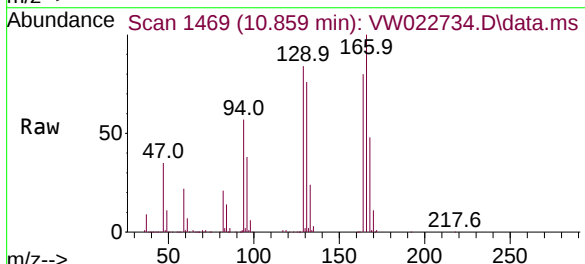
Instrument :
MSVOA_W
ClientSampleId :

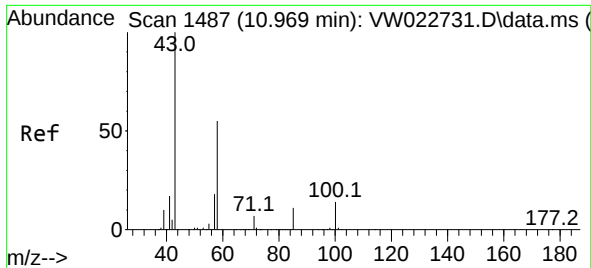
Tgt Ion:	97	Resp:	87486
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.7	82.9
83	84.0	58.4	108.4
85	55.5	38.7	71.9



#46
Tetrachloroethene
Concen: 21.244 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

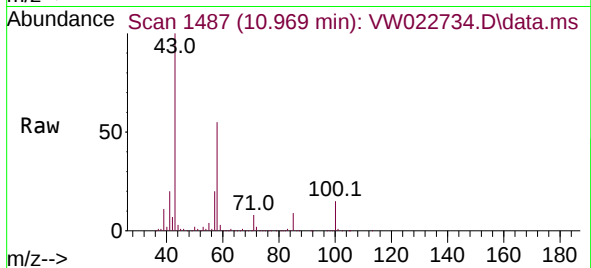
Tgt Ion:	164	Resp:	85814
Ion	Ratio	Lower	Upper
164	100		
129	105.5	76.9	142.7
131	94.5	75.1	139.5
166	125.1	96.0	178.2



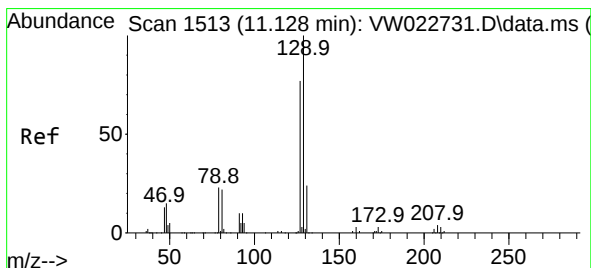
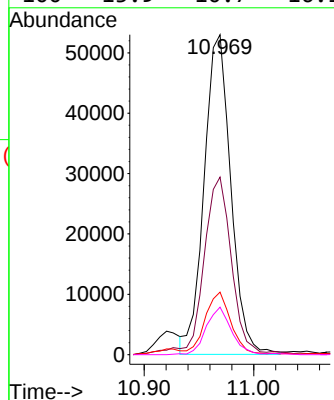
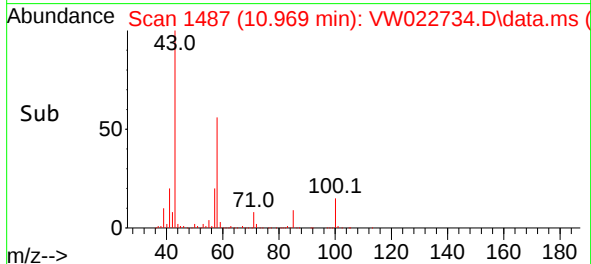


#48
2-Hexanone
Concen: 44.928 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

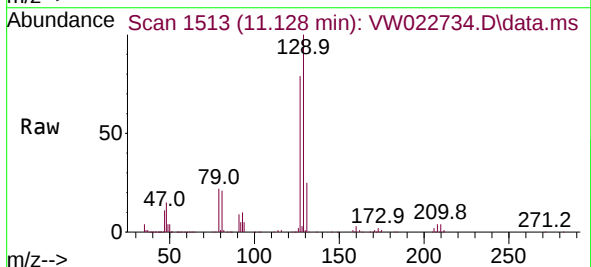
Instrument :
MSVOA_W
ClientSampleId :



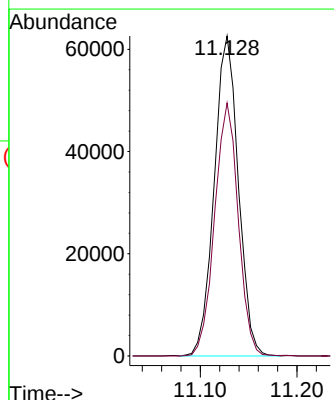
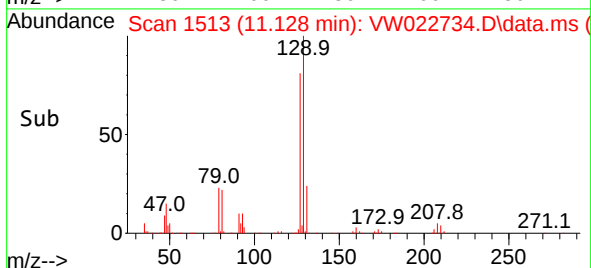
Tgt Ion: 43	Resp: 89493
Ion Ratio	Lower Upper
43 100	
58 55.3	45.9 68.9
57 18.9	16.2 24.2
100 13.9	10.7 16.1

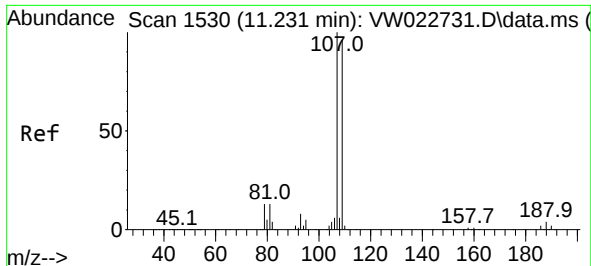


#49
Dibromochloromethane
Concen: 22.818 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22



Tgt Ion:129	Resp: 108589		
Ion Ratio	Lower	Upper	
129 100			
127 79.1	53.8	100.0	

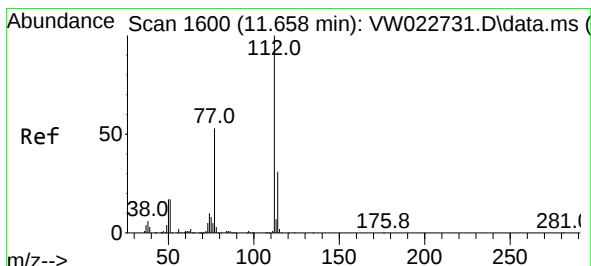
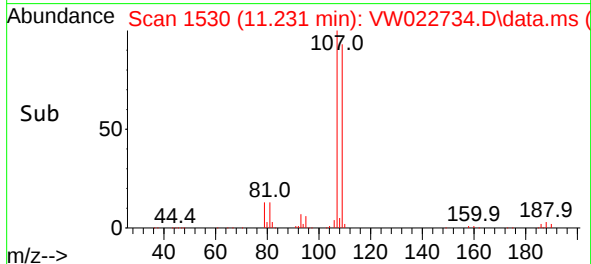
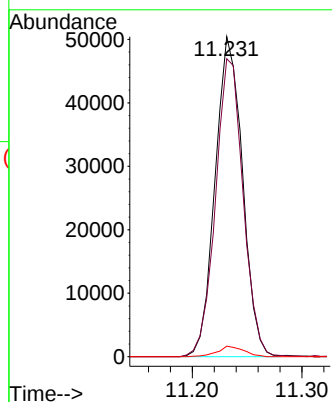
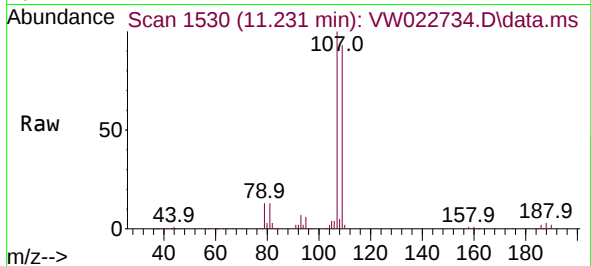




#50
1,2-Dibromoethane
Concen: 22.027 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

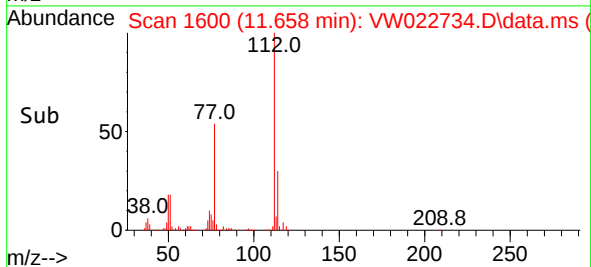
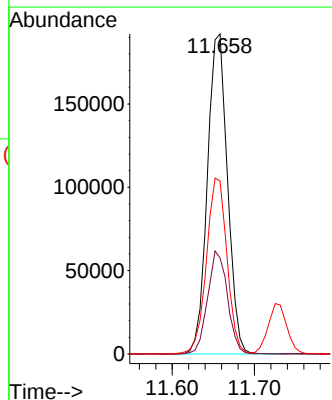
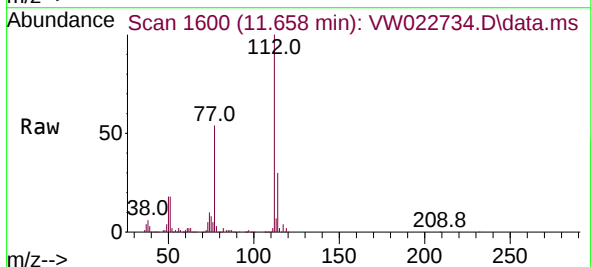
Instrument :
MSVOA_W
ClientSampleId :

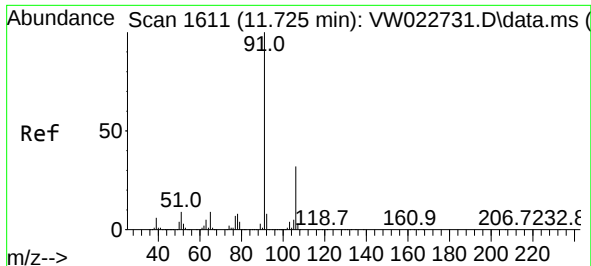
Tgt Ion:107 Resp: 87452
Ion Ratio Lower Upper
107 100
109 93.1 67.5 125.4
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 22.596 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion:112 Resp: 326291
Ion Ratio Lower Upper
112 100
114 30.0 22.0 41.0
77 54.1 42.6 63.8

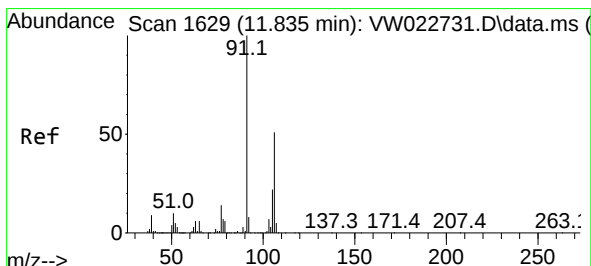
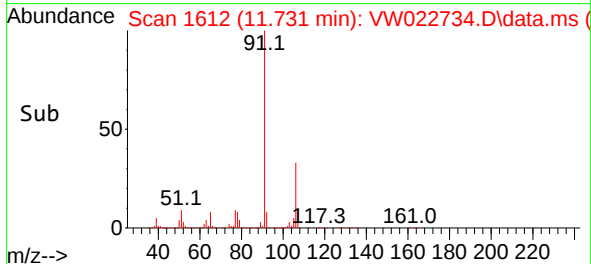
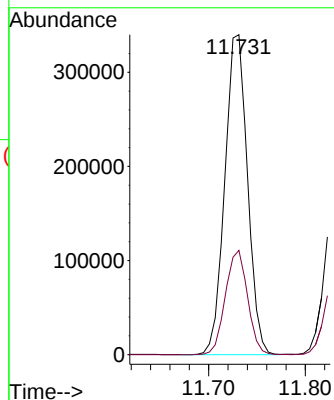
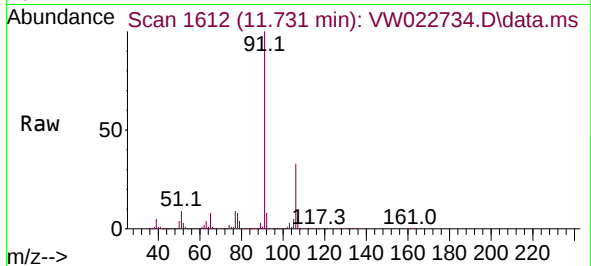




#52
Ethylbenzene
Concen: 22.708 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

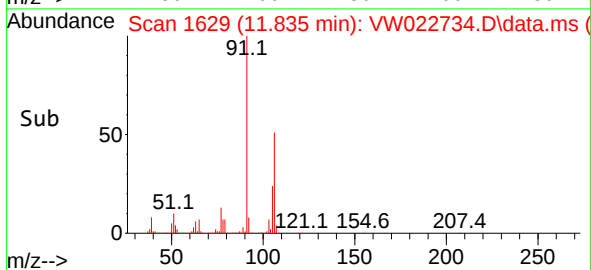
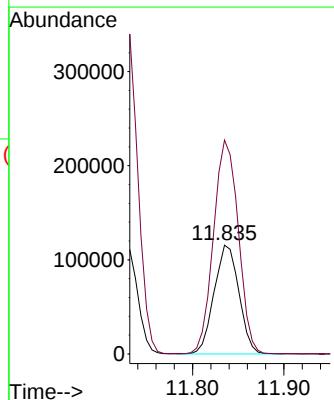
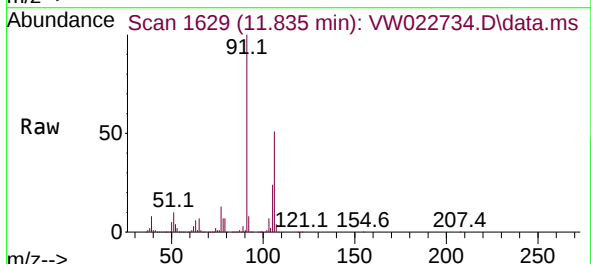
Instrument :
MSVOA_W
ClientSampleId :

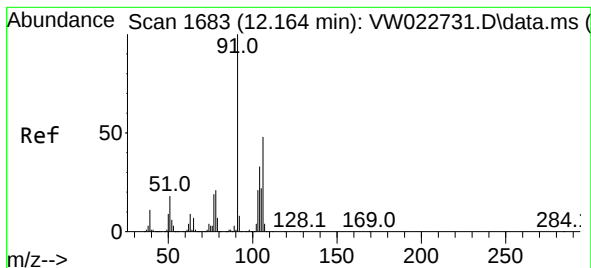
Tgt Ion: 91 Resp: 553361
Ion Ratio Lower Upper
91 100
106 32.6 22.3 41.3



#53
m,p-Xylene
Concen: 22.728 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion:106 Resp: 218233
Ion Ratio Lower Upper
106 100
91 196.7 136.8 254.0





#54

o-Xylene

Concen: 22.632 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

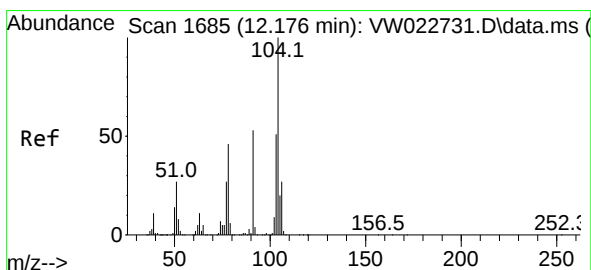
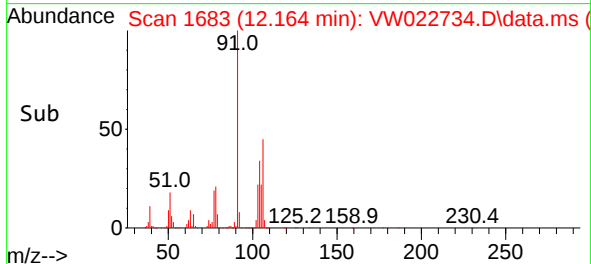
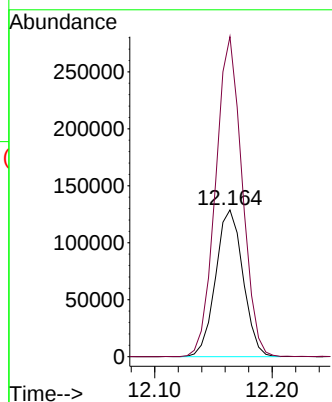
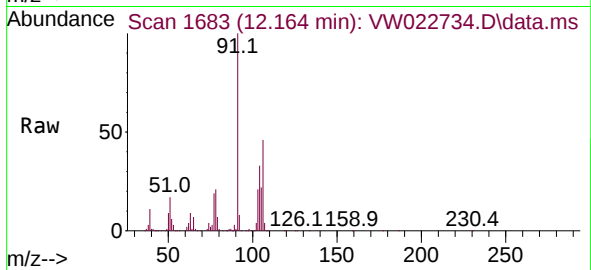
ClientSampleId :

Tgt Ion:106 Resp: 208529

Ion Ratio Lower Upper

106 100

91 218.1 147.2 273.4



#55

Styrene

Concen: 22.852 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022734.D

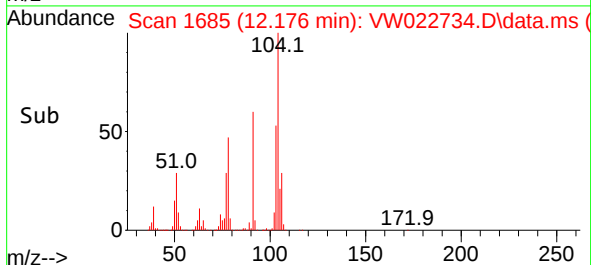
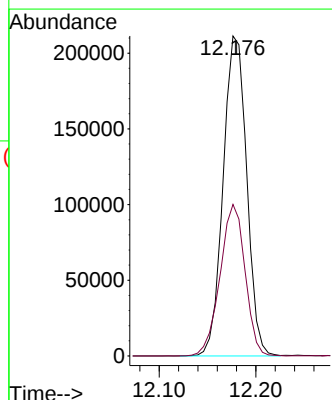
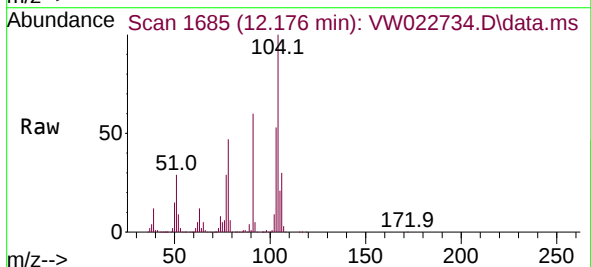
Acq: 02 May 2022 12:22

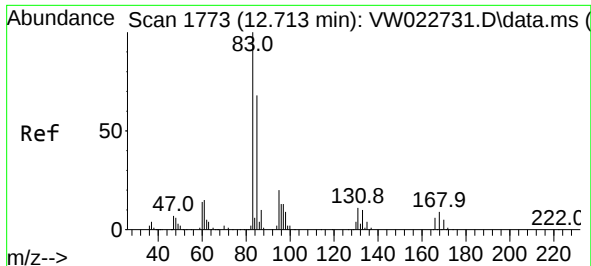
Tgt Ion:104 Resp: 357796

Ion Ratio Lower Upper

104 100

78 47.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 21.814 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

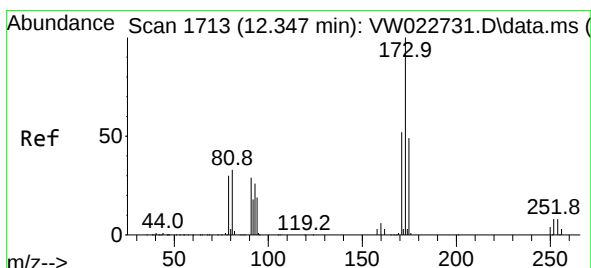
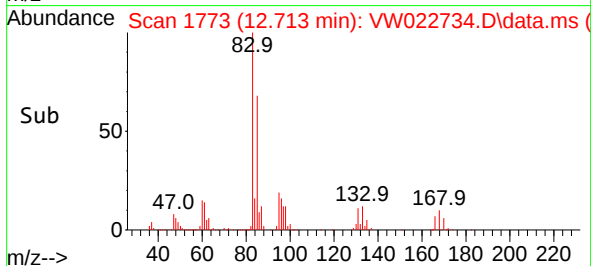
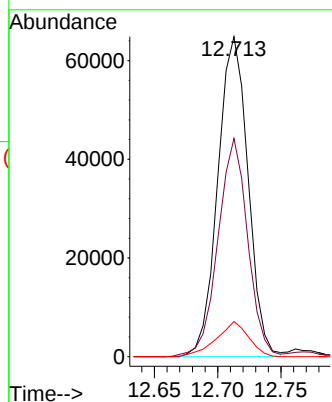
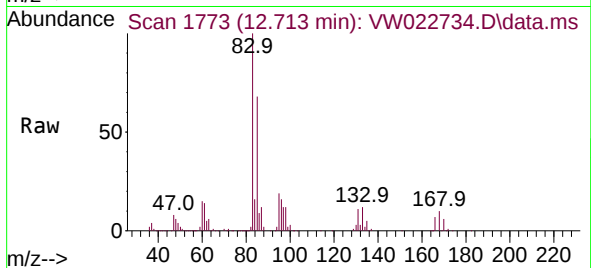
Tgt Ion: 83 Resp: 107729

Ion Ratio Lower Upper

83 100

85 68.2 47.5 88.1

131 11.0 8.7 13.1



#59

Bromoform

Concen: 21.870 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

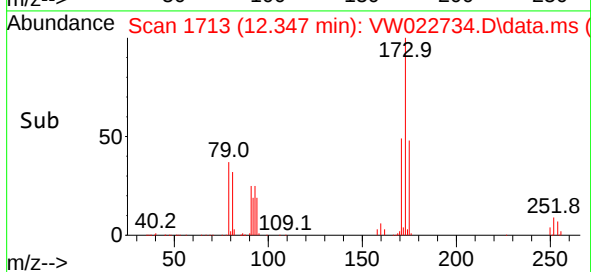
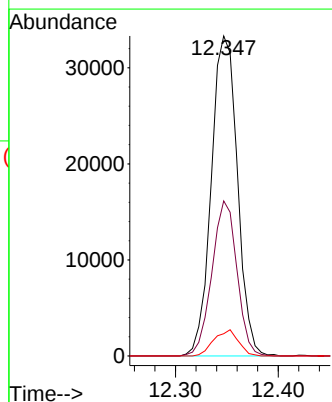
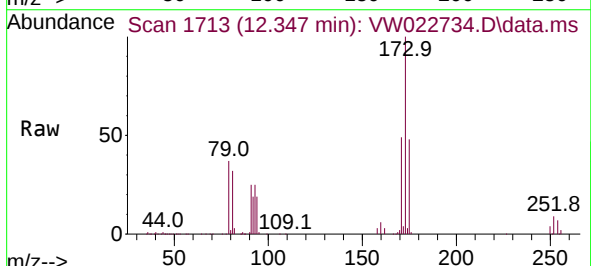
Tgt Ion: 173 Resp: 58746

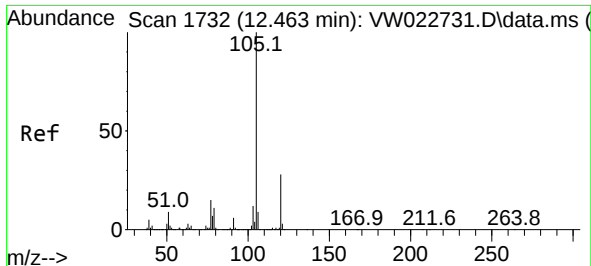
Ion Ratio Lower Upper

173 100

175 46.4 38.1 57.1

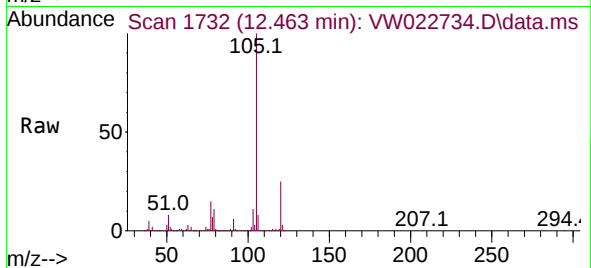
254 7.7 6.5 9.7



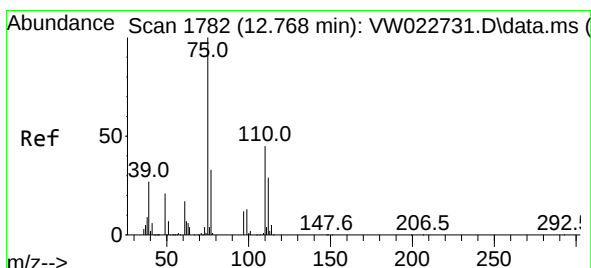
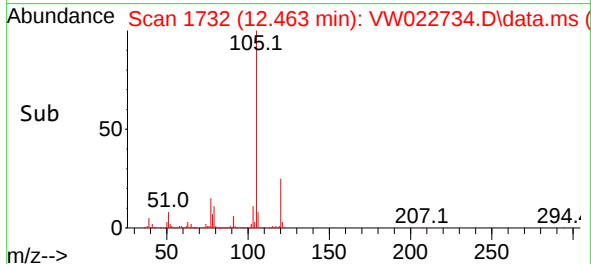
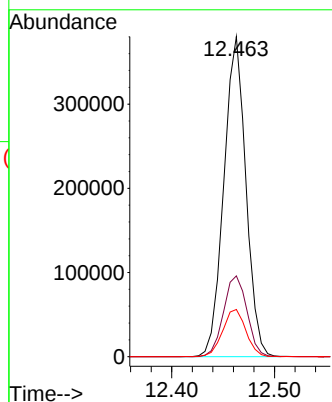


#60
Isopropylbenzene
Concen: 21.795 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Instrument :
MSVOA_W
ClientSampleId :

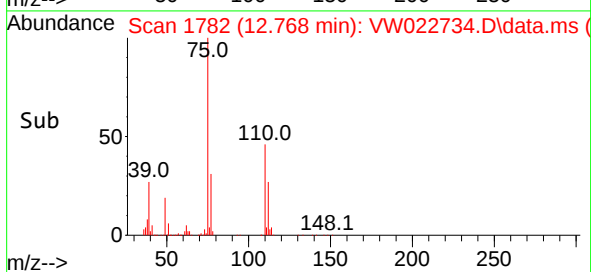
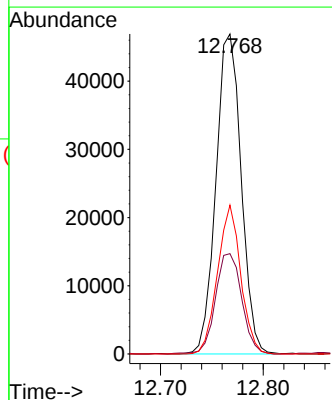
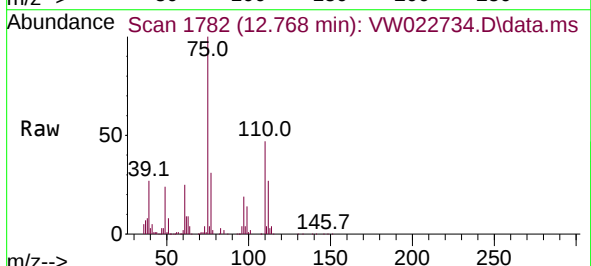


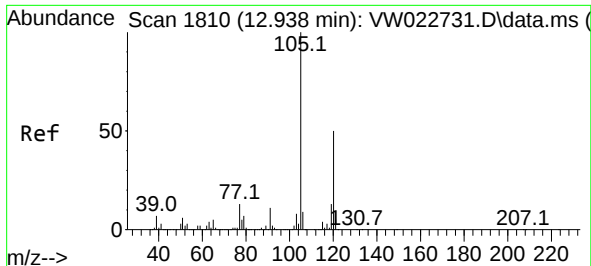
Tgt Ion:105 Resp: 565952
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.116 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion: 75 Resp: 79972
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 42.7 34.1 51.1

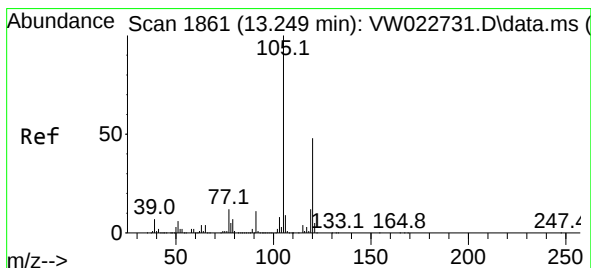
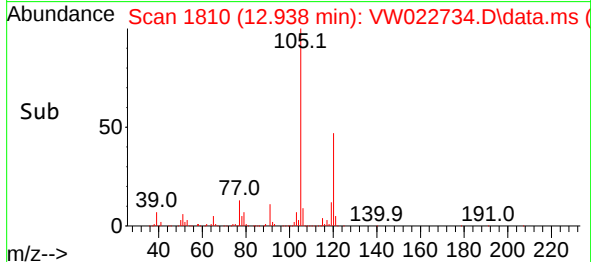
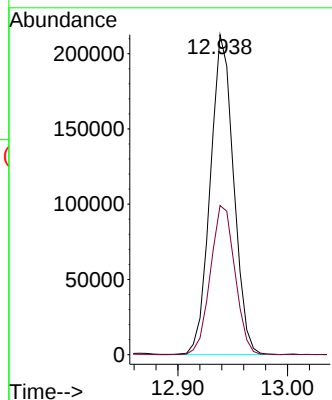
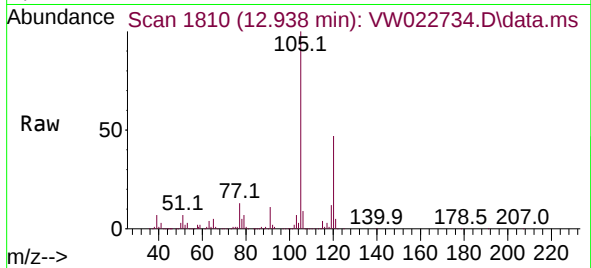




#62
1,3,5-Trimethylbenzene
Concen: 21.735 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

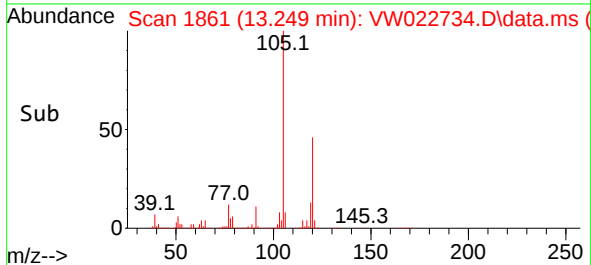
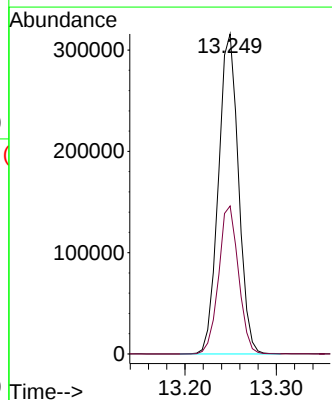
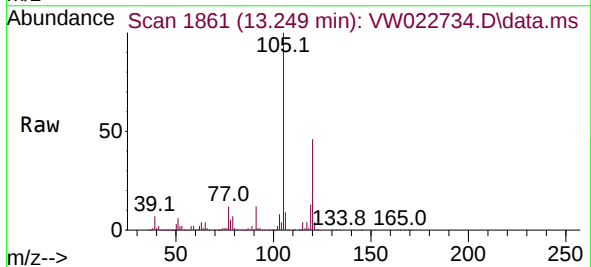
Instrument :
MSVOA_W
ClientSampleId :

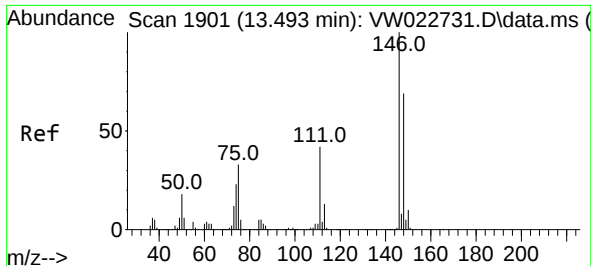
Tgt Ion:105 Resp: 313991
Ion Ratio Lower Upper
105 100
120 49.1 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 22.244 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion:105 Resp: 482507
Ion Ratio Lower Upper
105 100
120 45.8 37.4 56.2

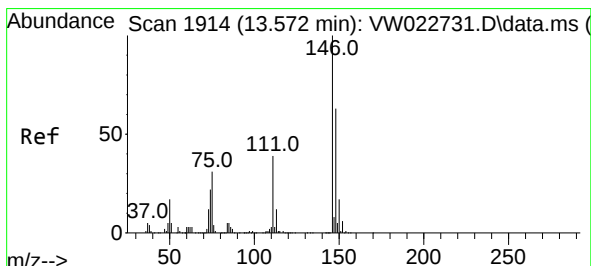
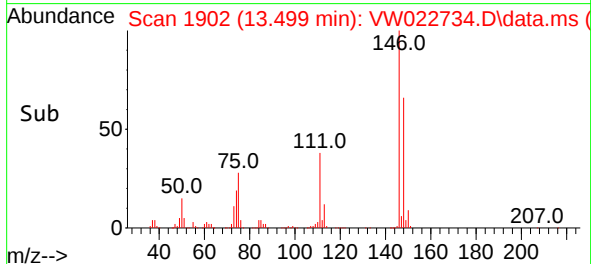
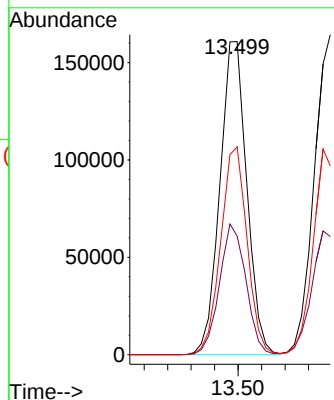
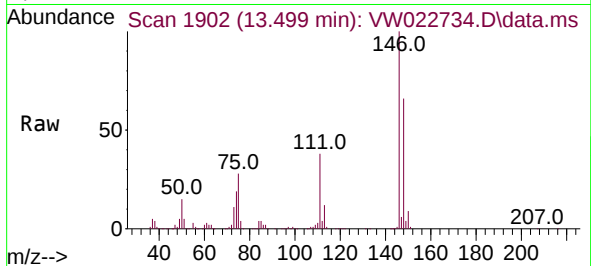




#64
1,3-Dichlorobenzene
Concen: 22.087 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

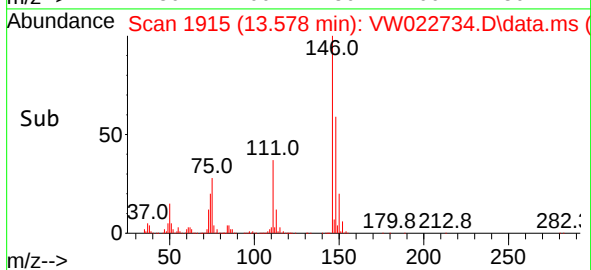
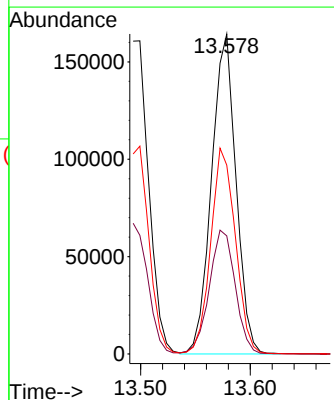
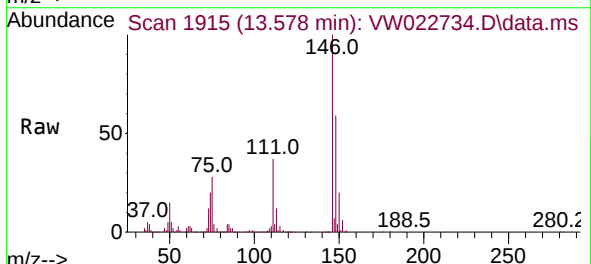
Instrument :
MSVOA_W
ClientSampleId :

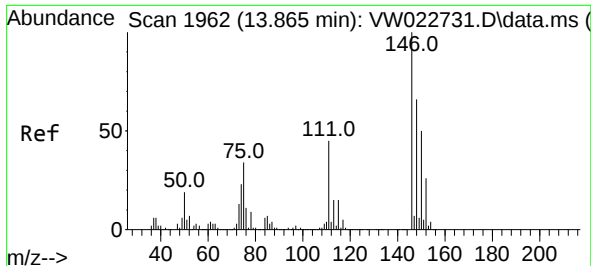
Tgt Ion:146 Resp: 256062
Ion Ratio Lower Upper
146 100
111 37.8 29.5 54.9
148 66.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 21.301 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022734.D
Acq: 02 May 2022 12:22

Tgt Ion:146 Resp: 255080
Ion Ratio Lower Upper
146 100
111 36.9 27.2 50.4
148 59.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 21.532 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

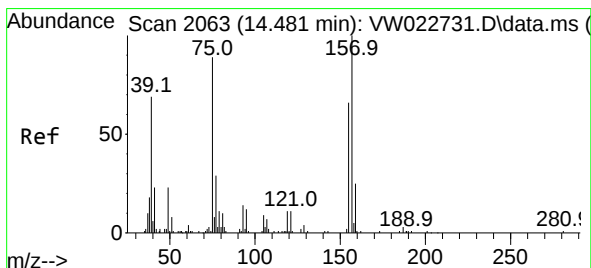
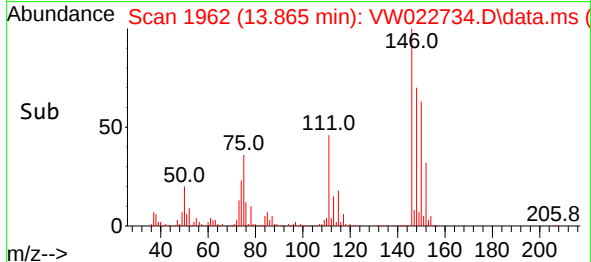
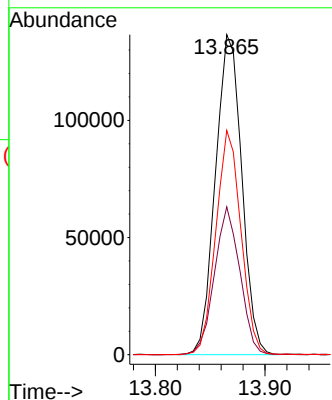
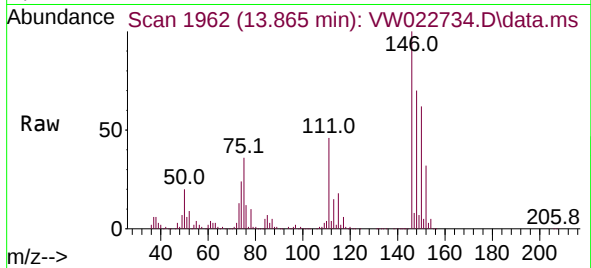
Tgt Ion:146 Resp: 228432

Ion Ratio Lower Upper

146 100

111 46.2 35.7 53.5

148 70.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.211 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

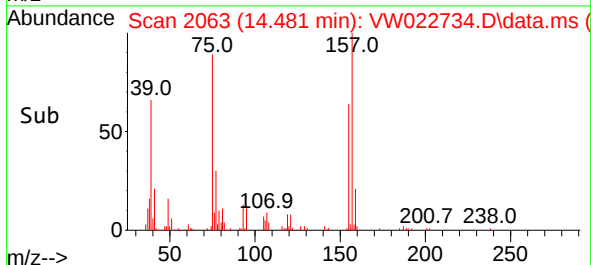
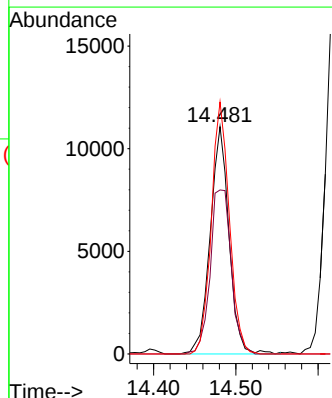
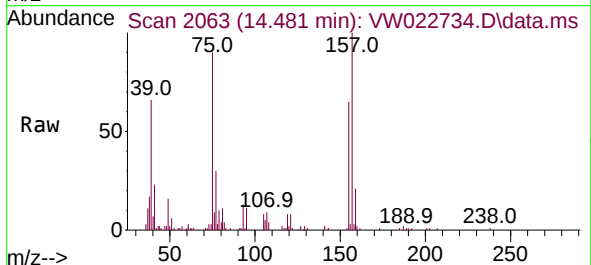
Tgt Ion: 75 Resp: 17557

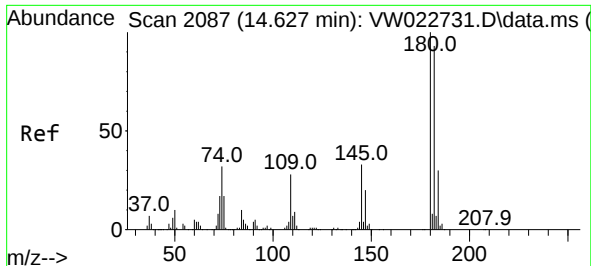
Ion Ratio Lower Upper

75 100

155 72.1 59.3 88.9

157 110.8 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 22.503 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 173177

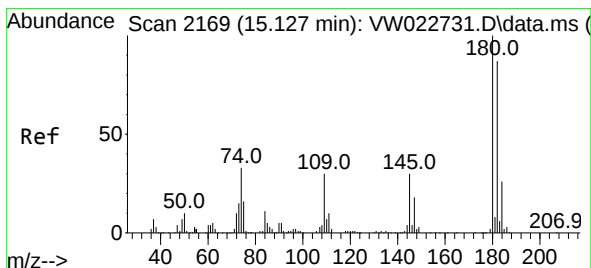
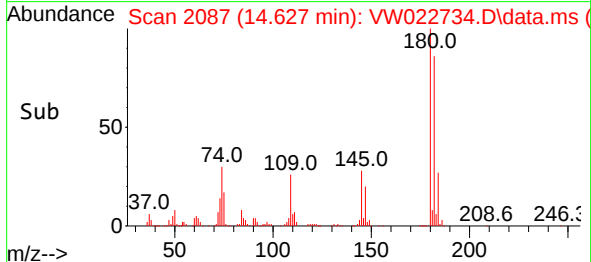
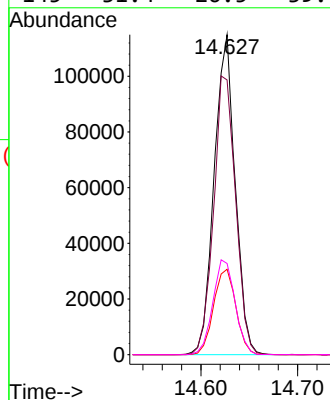
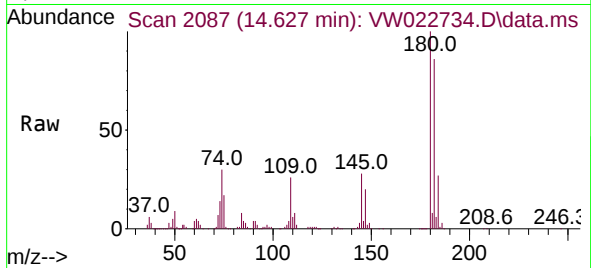
Ion Ratio Lower Upper

180 100

182 91.3 74.8 112.2

184 28.5 23.4 35.2

145 31.4 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 23.421 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

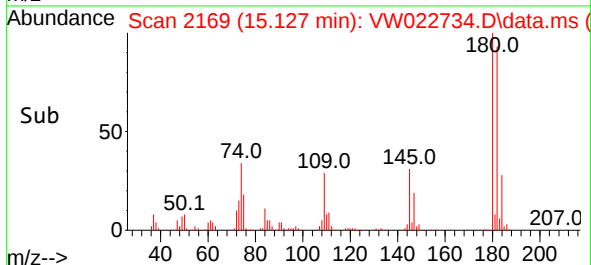
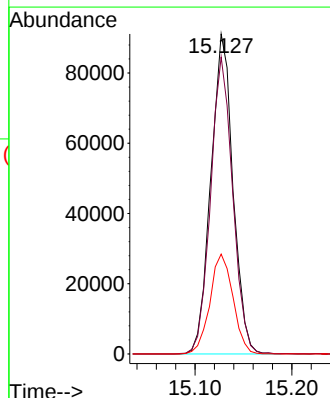
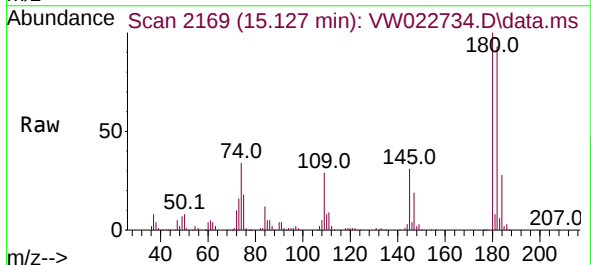
Tgt Ion:180 Resp: 144989

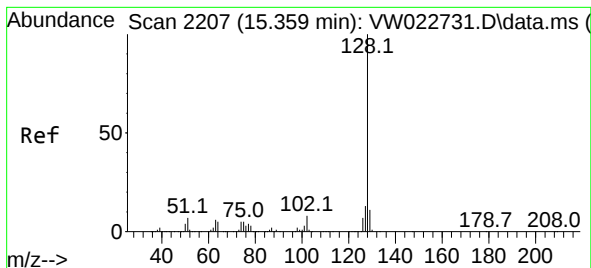
Ion Ratio Lower Upper

180 100

182 92.7 74.9 112.3

145 32.5 26.6 39.8





#71

Naphthalene

Concen: 23.363 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

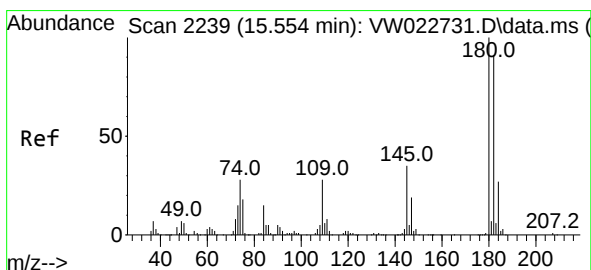
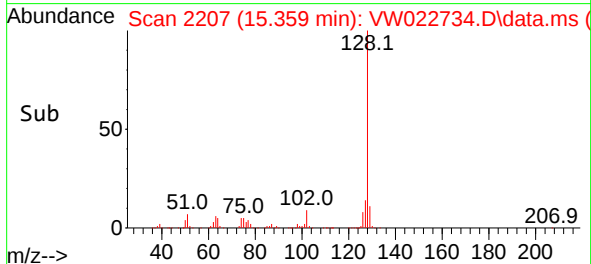
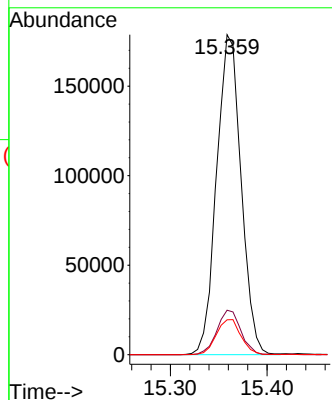
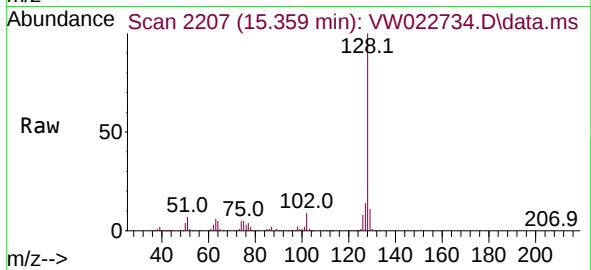
Tgt Ion:128 Resp: 314340

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.790 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022734.D

Acq: 02 May 2022 12:22

Tgt Ion:180 Resp: 125040

Ion Ratio Lower Upper

180 100

182 99.2 73.5 110.3

145 35.1 27.9 41.9

