

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050322\
 Data File : VW022771.D
 Acq On : 03 May 2022 14:49
 Operator : SY/VA
 Sample : N2639-13MSD
 Misc : 5.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:27:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 01:21:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	334037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339472	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	183148	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142625	20.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.885	69	107685	24.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	4.019	63	187425	21.166	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.680%
21) 2-Butanone-d5	7.080	46	71226	54.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.320%
24) Chloroform-d	7.647	84	234072	23.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	8.305	65	131985	24.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.360%
32) Benzene-d6	8.275	84	433892	22.175	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.680%
36) 1,2-Dichloropropane-d6	9.274	67	128164	23.318	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.280%
41) Toluene-d8	10.323	98	421282	22.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	10.579	79	60976	24.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.920	63	60422	57.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136185	26.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	156256	24.406	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	44107	24.222	ug/L	95
3) Chloromethane	2.221	50	79097	22.479	ug/L	98
5) Vinyl chloride	2.361	62	164106	23.238	ug/L	99
6) Bromomethane	2.776	94	102719	22.655	ug/L	97
8) Chloroethane	2.922	64	87460	25.678	ug/L	96
9) Trichlorofluoromethane	3.257	101	72289	22.397	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	111906	23.187	ug/L	98
12) 1,1-Dichloroethene	4.044	96	96137	22.471	ug/L	88
13) Acetone	4.123	43	67606	69.300	ug/L	97
14) Carbon disulfide	4.385	76	246504	21.016	ug/L	97
15) Methyl Acetate	4.672	43	52895	26.989	ug/L	98
16) Methylene chloride	4.915	84	62780	12.844	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	109897	22.826	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	188759	25.683	ug/L	99
19) 1,1-Dichloroethane	6.214	63	197275	24.176	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	124023	23.983	ug/L #	99
22) 2-Butanone	7.177	43	83725	61.368	ug/L	99
23) Bromochloromethane	7.519	128	58494	24.153	ug/L	88
25) Chloroform	7.677	83	221029	24.497	ug/L	97

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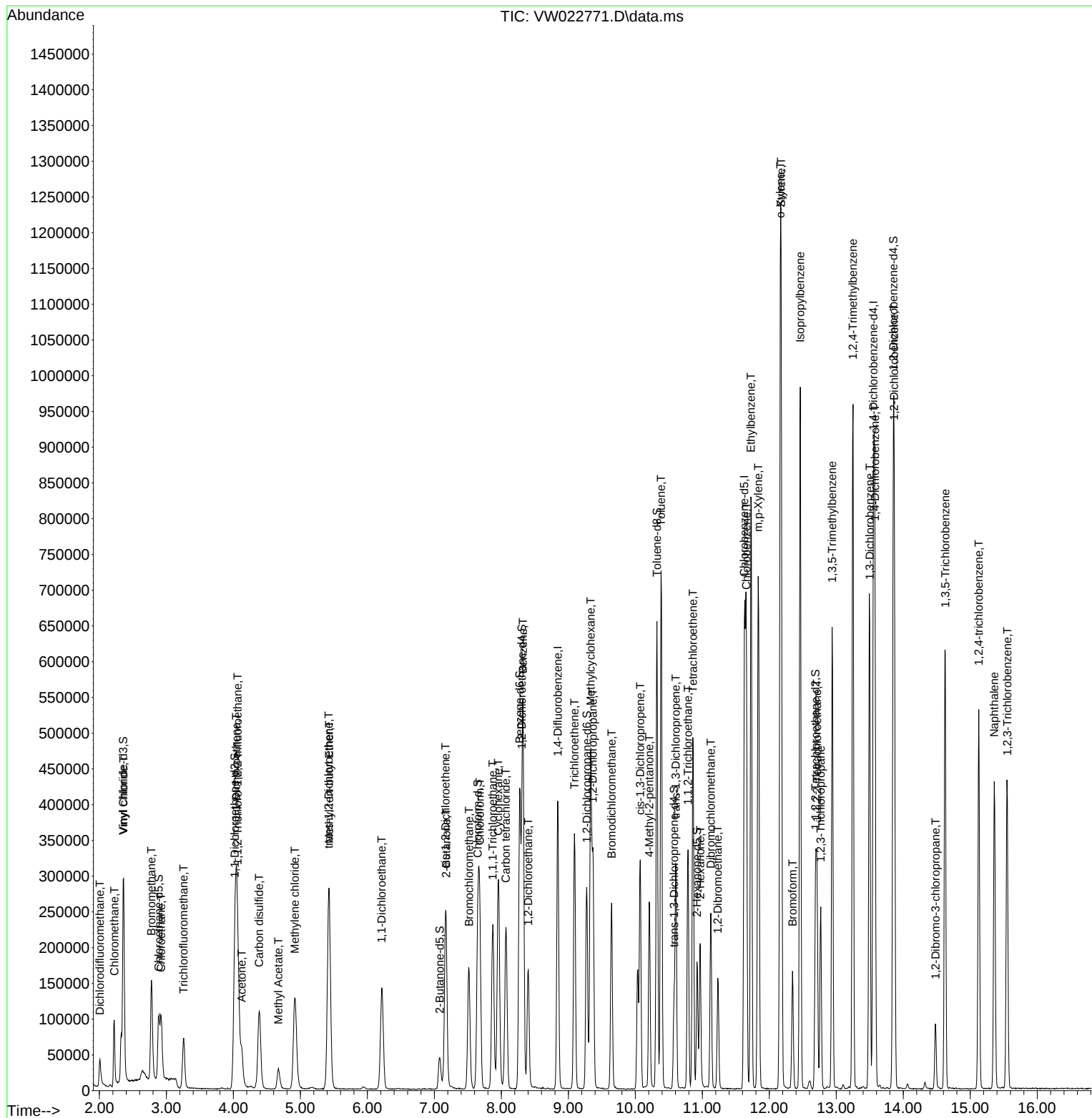
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	150177	24.969	ug/L	98
29) Cyclohexane	7.951	56	164080	22.349	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	186713	23.274	ug/L	100
31) Carbon tetrachloride	8.067	117	169347	22.567	ug/L	98
33) Benzene	8.323	78	449327	22.468	ug/L	100
34) Trichloroethene	9.092	95	123253	22.410	ug/L	97
35) Methylcyclohexane	9.335	83	197692	21.880	ug/L	99
37) 1,2-Dichloropropane	9.366	63	114486	23.656	ug/L	99
38) Bromodichloromethane	9.646	83	166325	24.196	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	182507	24.321	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	160568	52.639	ug/L	98
42) Toluene	10.384	91	520738	23.235	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	166162	24.808	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	102235	25.270	ug/L	95
46) Tetrachloroethene	10.860	164	102010	24.681	ug/L	89
48) 2-Hexanone	10.969	43	124077	60.878	ug/L	99
49) Dibromochloromethane	11.128	129	118348	24.305	ug/L	91
50) 1,2-Dibromoethane	11.231	107	99327	24.450	ug/L	98
51) Chlorobenzene	11.658	112	348557	23.590	ug/L	98
52) Ethylbenzene	11.725	91	586100	23.506	ug/L	99
53) m,p-Xylene	11.835	106	234180	23.836	ug/L	94
54) o-Xylene	12.164	106	227486	24.129	ug/L	95
55) Styrene	12.176	104	393276	24.549	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	129559	25.639	ug/L	99
59) Bromoform	12.347	173	67371	25.957	ug/L	98
60) Isopropylbenzene	12.463	105	629610	25.094	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	96495	26.369	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	336339	24.095	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	515708	24.605	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	271523	24.238	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	277287	23.964	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	251809	24.565	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21783	27.236	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	175745	23.635	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	148042	24.750	ug/L	98
71) Naphthalene	15.359	128	369630	28.432	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	133873	25.252	ug/L	96

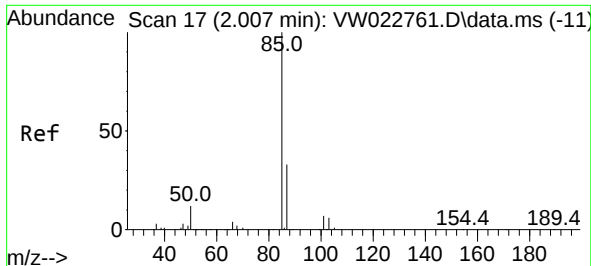
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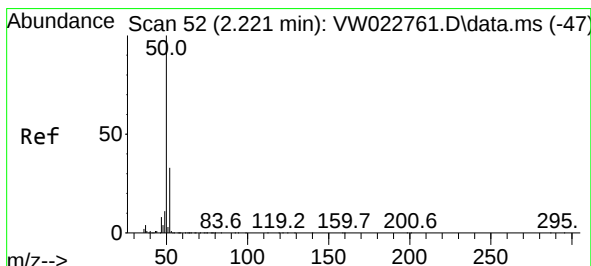
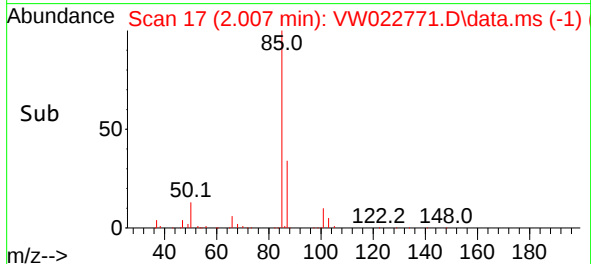
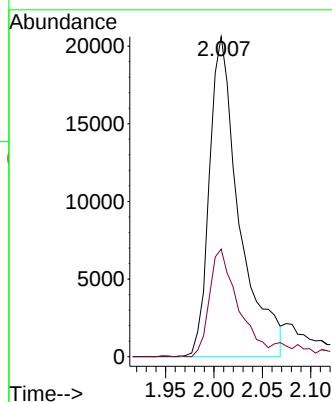
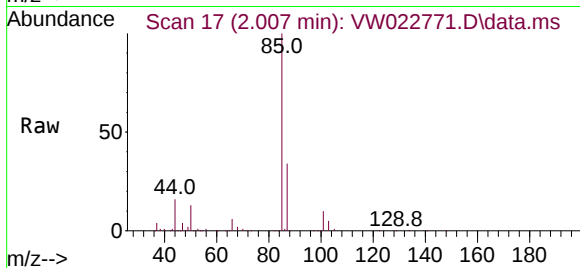




#2
Dichlorodifluoromethane
Concen: 24.222 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

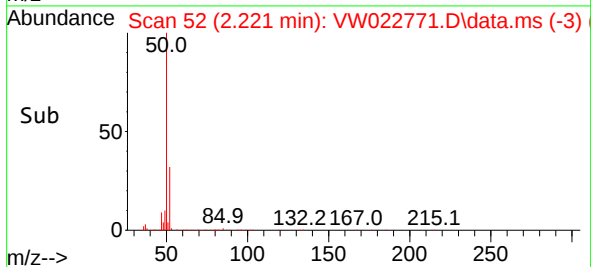
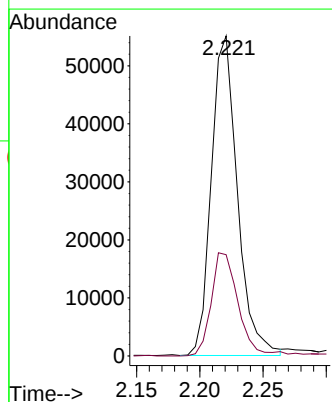
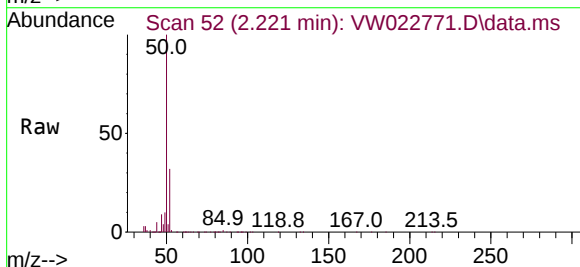
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MSVOA_W
ClientSampleId :

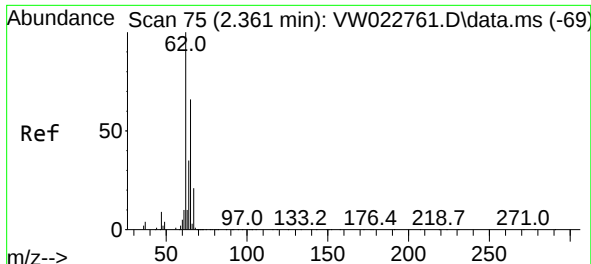
Tgt Ion: 85 Resp: 44107
Ion Ratio Lower Upper
85 100
87 32.1 27.8 41.8



#3
Chloromethane
Concen: 22.479 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion: 50 Resp: 79097
Ion Ratio Lower Upper
50 100
52 31.7 23.1 42.9

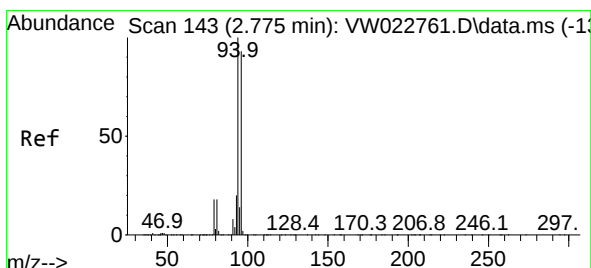
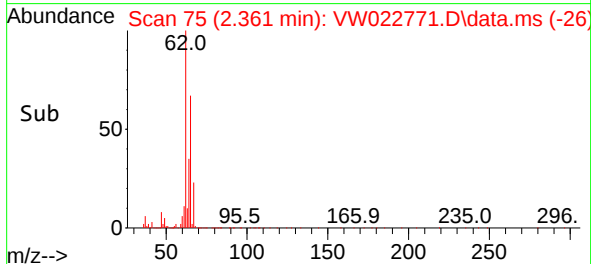
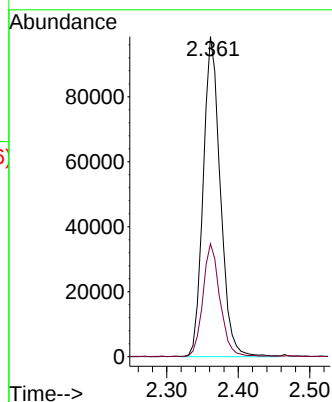
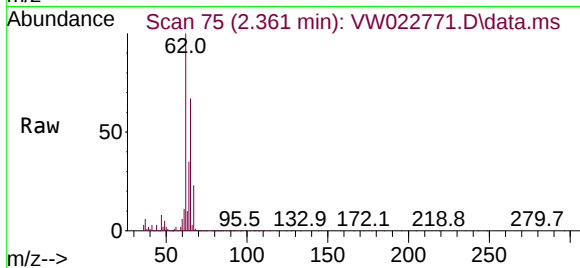




#5
 Vinyl chloride
 Concen: 23.238 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022771.D
 Acq: 03 May 2022 14:49

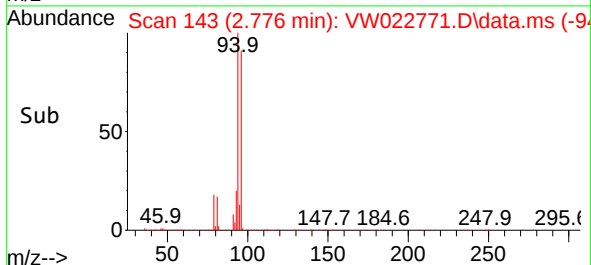
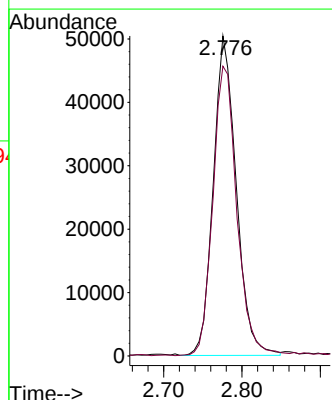
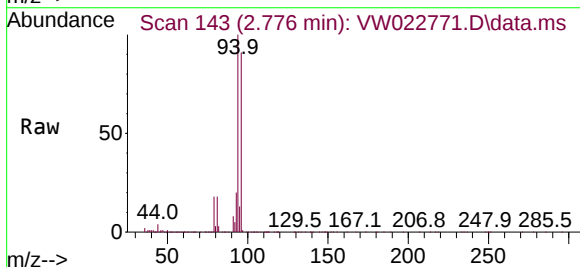
Instrument :
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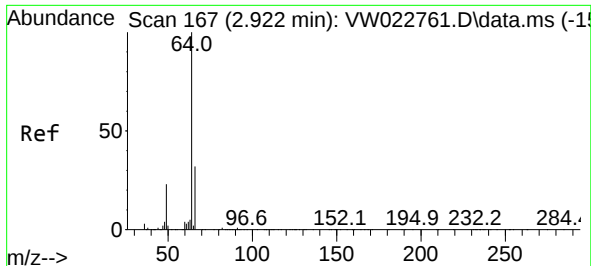
Tgt Ion: 62 Resp: 164106
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.9 46.3



#6
 Bromomethane
 Concen: 22.655 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022771.D
 Acq: 03 May 2022 14:49

Tgt Ion: 94 Resp: 102719
 Ion Ratio Lower Upper
 94 100
 96 90.5 61.7 114.5

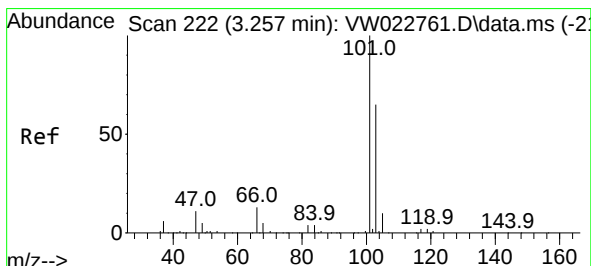
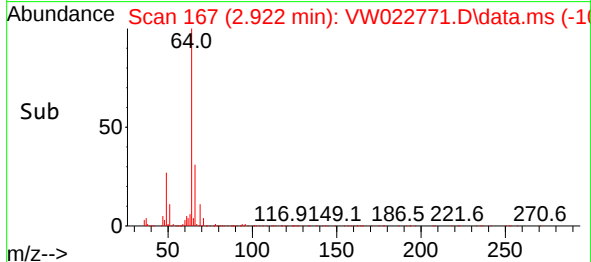
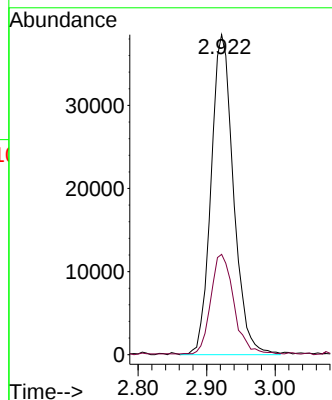
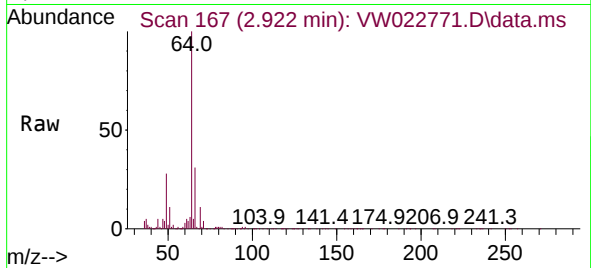




#8
Chloroethane
Concen: 25.678 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

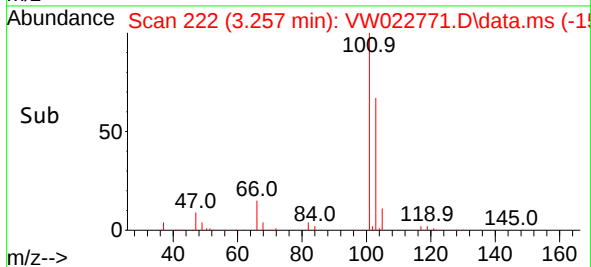
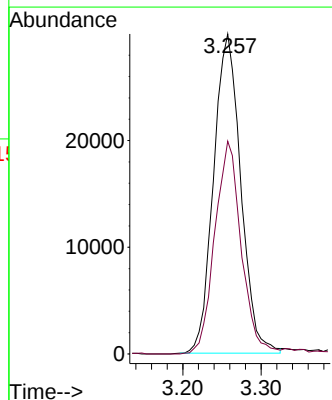
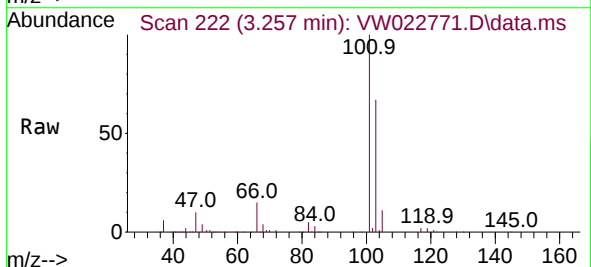
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MSVOA_W
ClientSampleId :

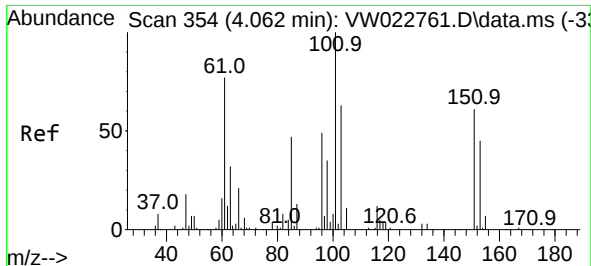
Tgt Ion: 64 Resp: 87460
Ion Ratio Lower Upper
64 100
66 31.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.397 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion: 101 Resp: 72289
Ion Ratio Lower Upper
101 100
103 64.7 53.9 80.9

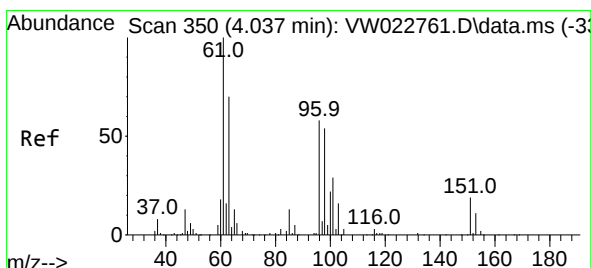
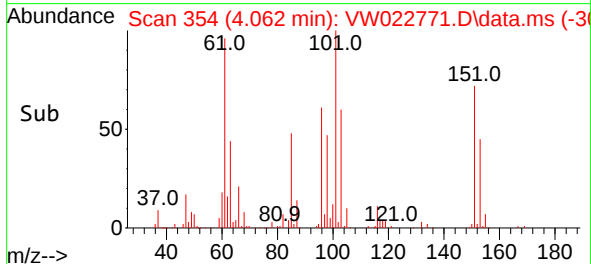
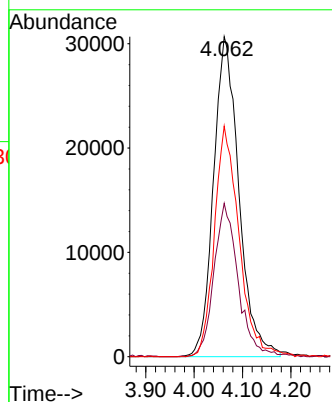
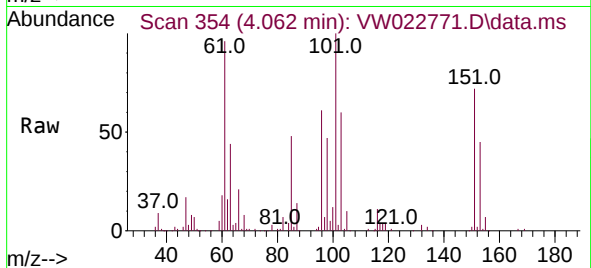




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.187 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022771.D
 Acq: 03 May 2022 14:49

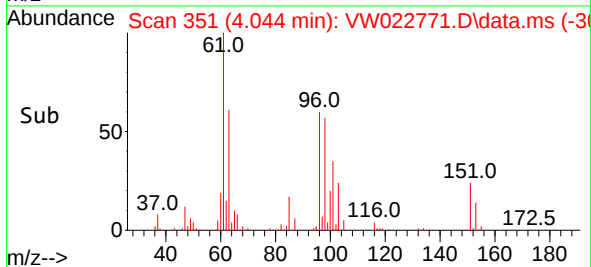
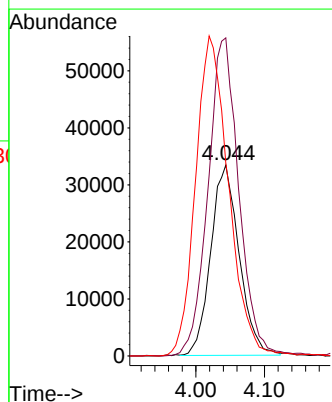
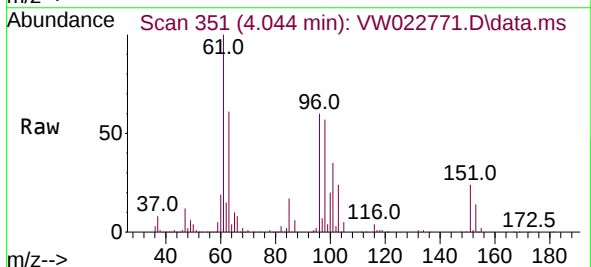
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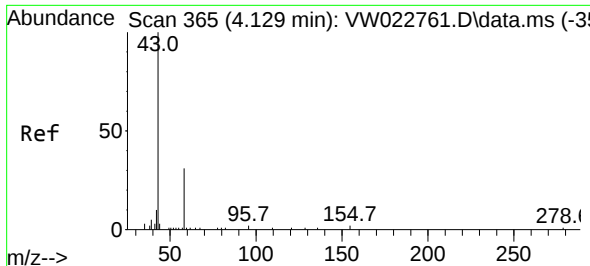
Tgt Ion:101 Resp: 111906
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.3 51.5
 151 68.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.471 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022771.D
 Acq: 03 May 2022 14:49

Tgt Ion: 96 Resp: 96137
 Ion Ratio Lower Upper
 96 100
 61 166.7 125.7 233.5
 63 101.1 83.4 155.0

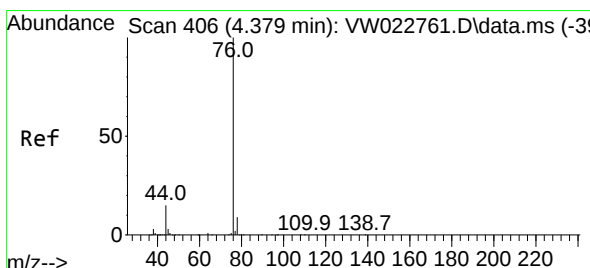
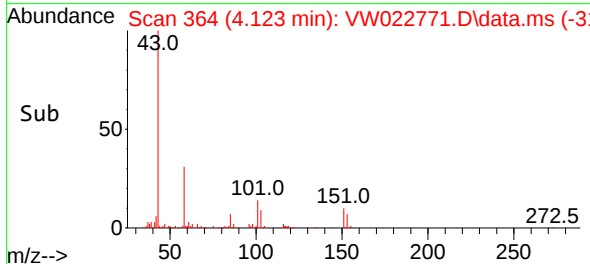
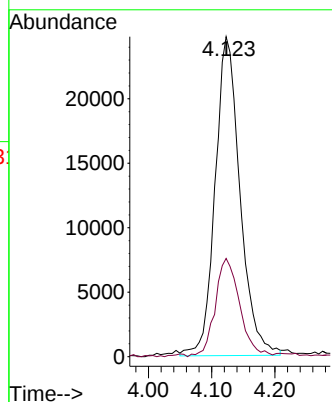
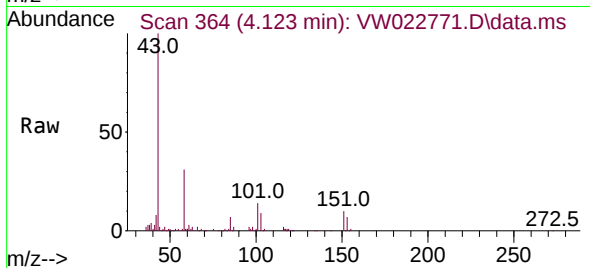




#13
Acetone
Concen: 69.300 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

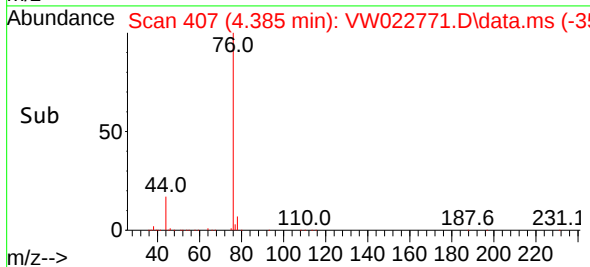
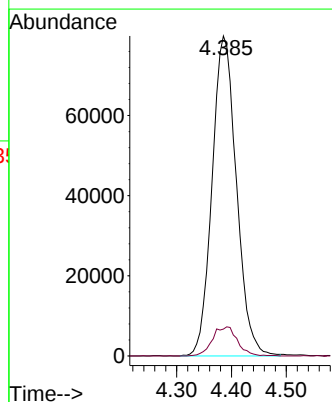
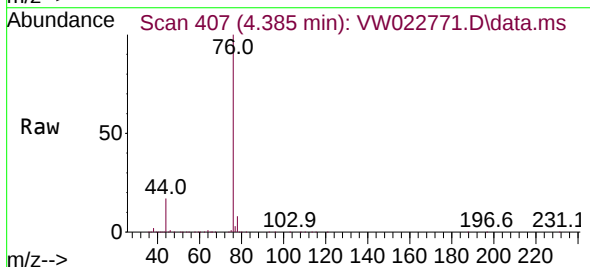
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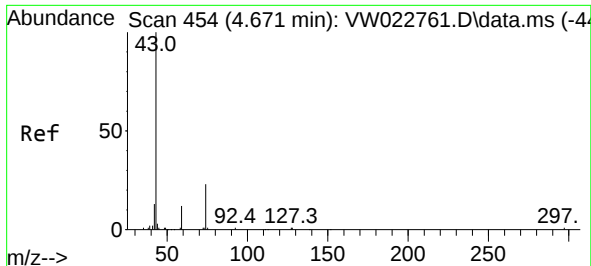
Tgt Ion: 43 Resp: 67606
Ion Ratio Lower Upper
43 100
58 30.4 0.0 64.0



#14
Carbon disulfide
Concen: 21.016 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 246504
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5

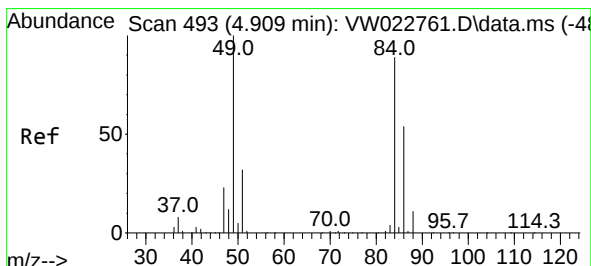
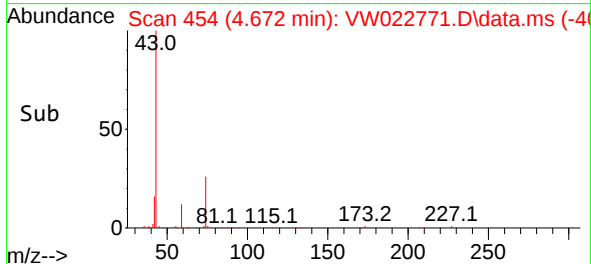
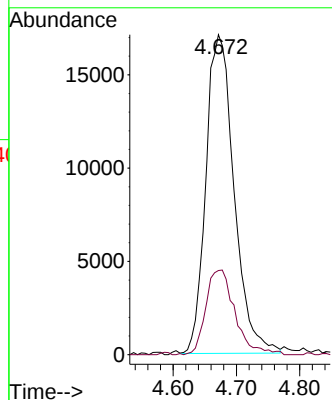
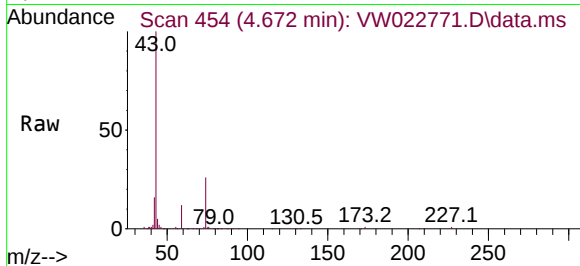




#15
Methyl Acetate
Concen: 26.989 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

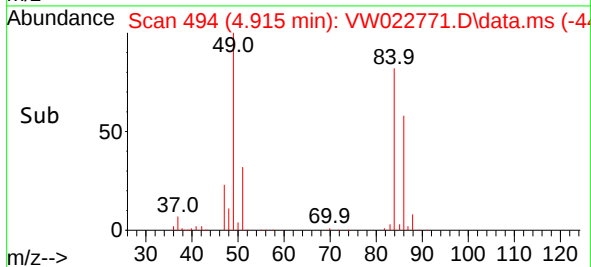
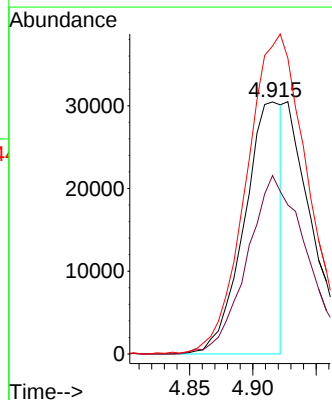
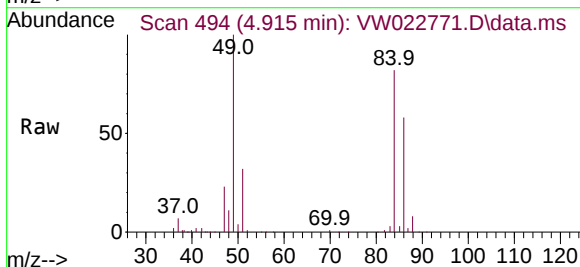
Instrument :
MSVOA_W
ClientSampleId :

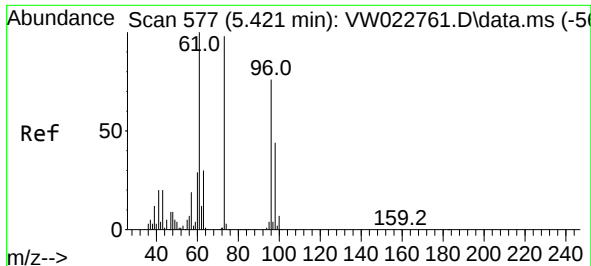
Tgt Ion: 43 Resp: 52895
Ion Ratio Lower Upper
43 100
74 26.3 21.9 32.9



#16
Methylene chloride
Concen: 12.844 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion: 84 Resp: 62780
Ion Ratio Lower Upper
84 100
86 70.8 45.4 84.4
49 122.1 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 22.826 ug/L

RT: 5.421 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

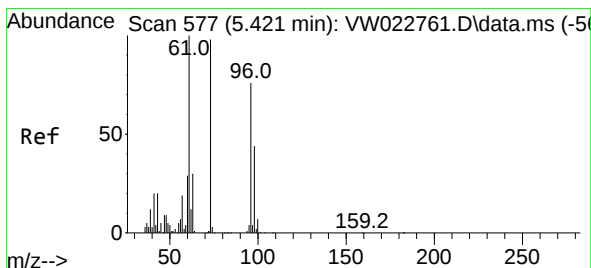
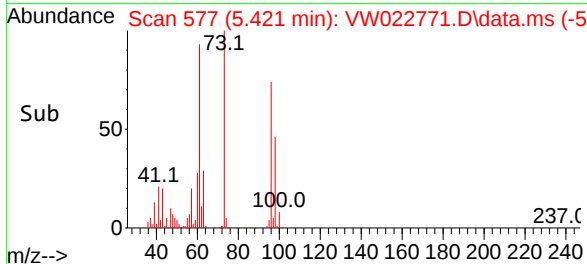
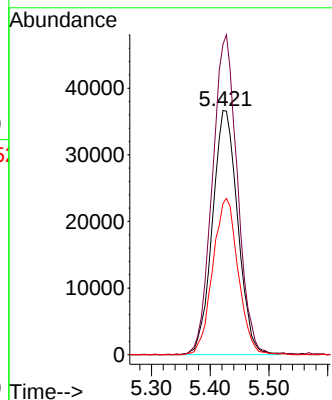
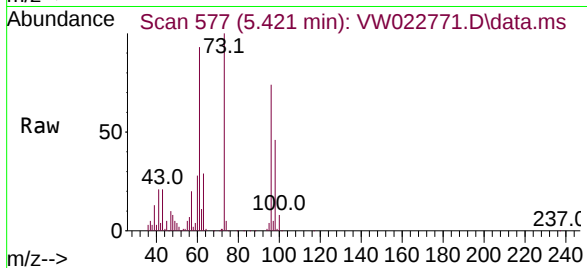
Tgt Ion: 96 Resp: 109897

Ion Ratio Lower Upper

96 100

61 127.0 92.2 171.2

98 61.9 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 25.683 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

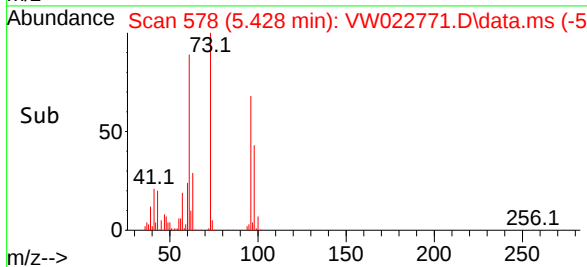
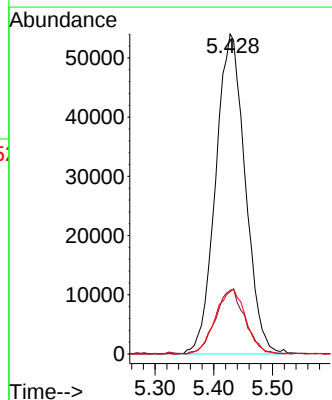
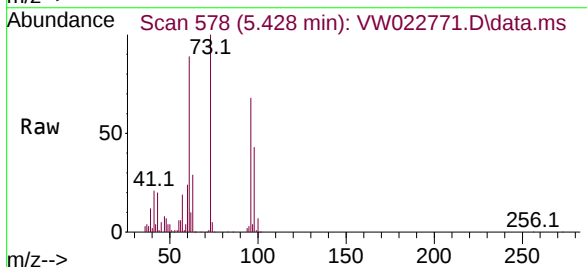
Tgt Ion: 73 Resp: 188759

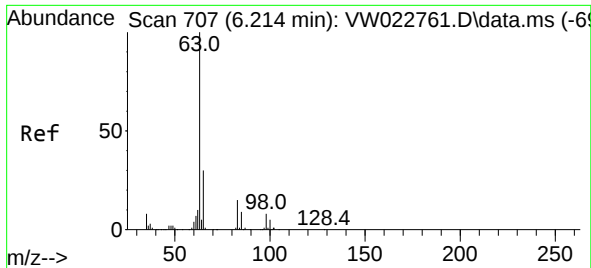
Ion Ratio Lower Upper

73 100

43 20.3 15.9 23.9

57 20.8 16.5 24.7

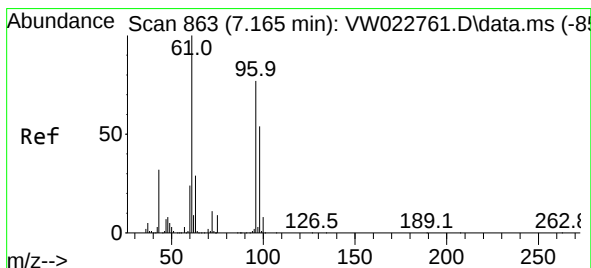
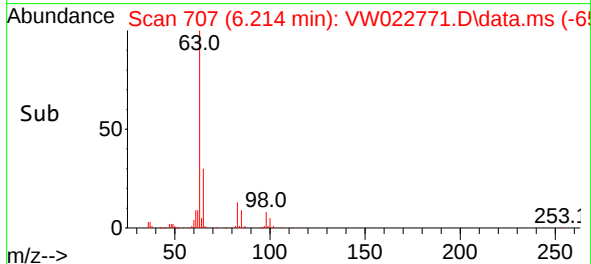
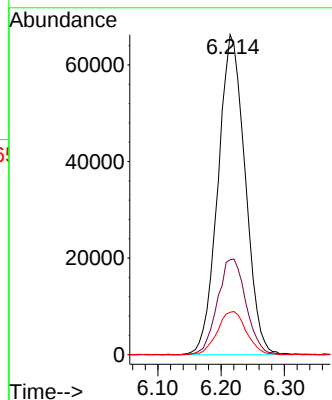
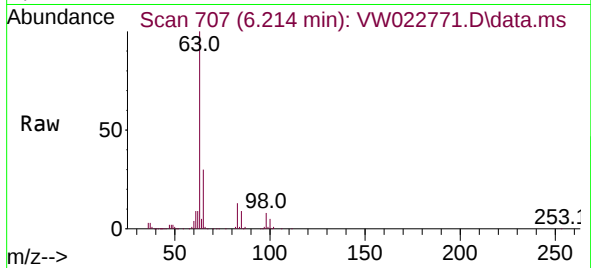




#19
1,1-Dichloroethane
Concen: 24.176 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

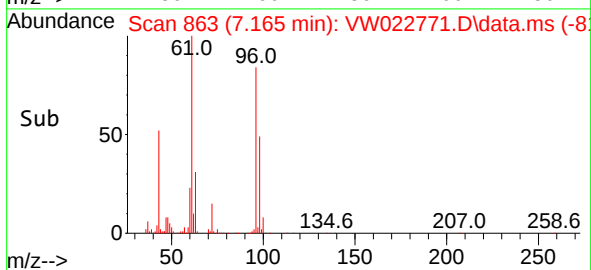
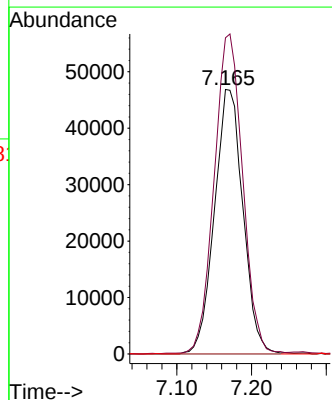
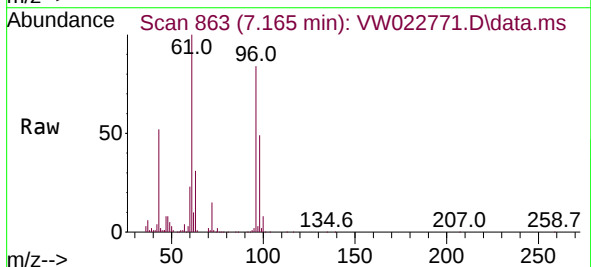
Instrument :
MSVOA_W
ClientSampleId :

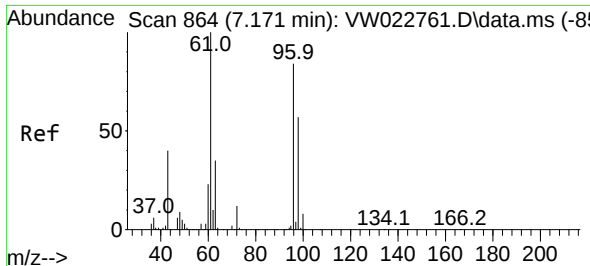
Tgt Ion: 63 Resp: 197275
Ion Ratio Lower Upper
63 100
65 29.6 23.3 43.3
83 13.3 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 23.983 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion: 96 Resp: 124023
Ion Ratio Lower Upper
96 100
61 119.6 84.2 156.4
68 0.0 0.1 0.1#

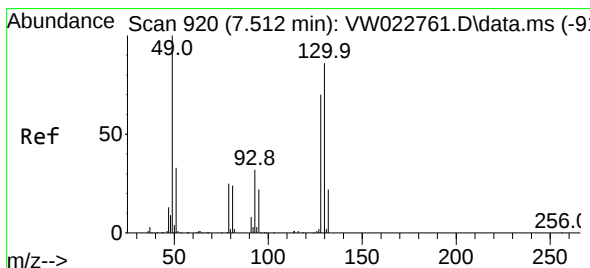
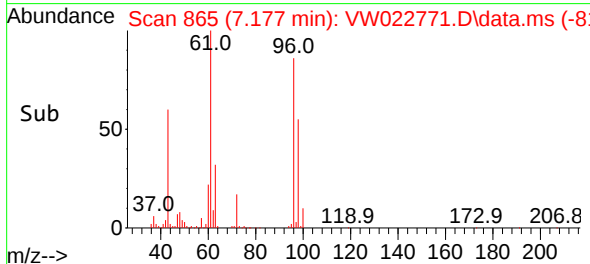
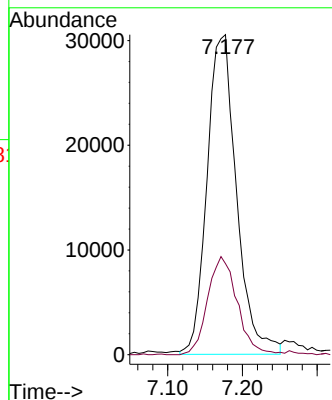
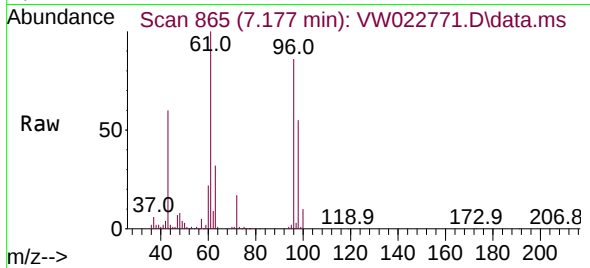




#22
2-Butanone
Concen: 61.368 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

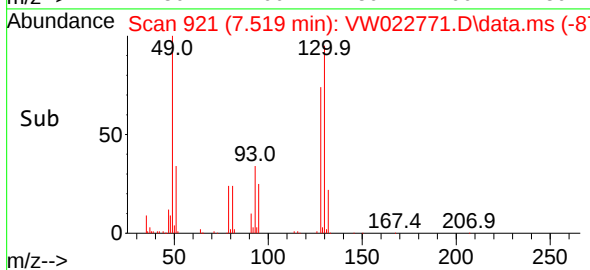
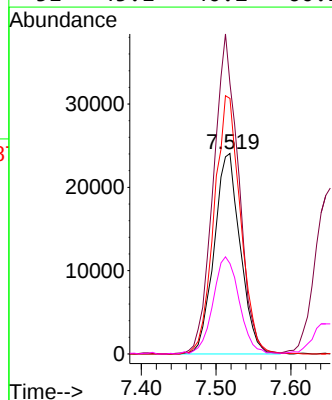
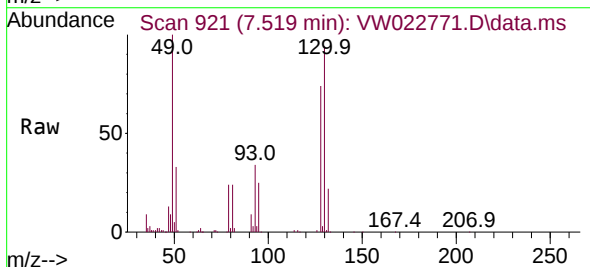
Instrument :
MSVOA_W
ClientSampleId :

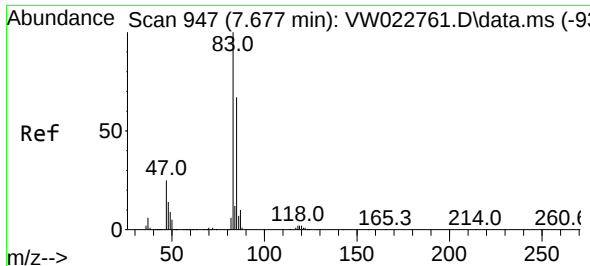
Tgt Ion: 43 Resp: 83725
Ion Ratio Lower Upper
43 100
72 30.8 15.1 45.3



#23
Bromochloromethane
Concen: 24.153 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion: 128 Resp: 58494
Ion Ratio Lower Upper
128 100
49 134.9 110.0 204.4
130 127.5 94.8 176.0
51 45.1 40.2 60.2

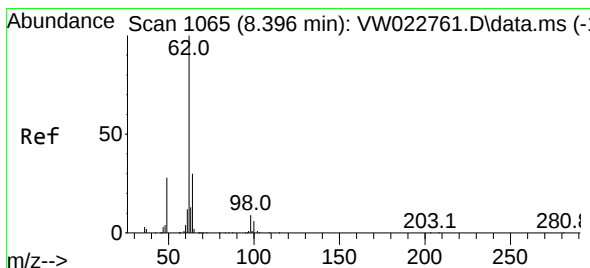
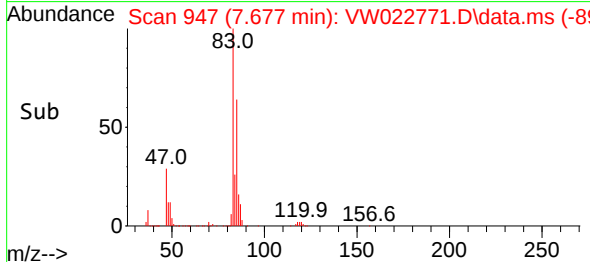
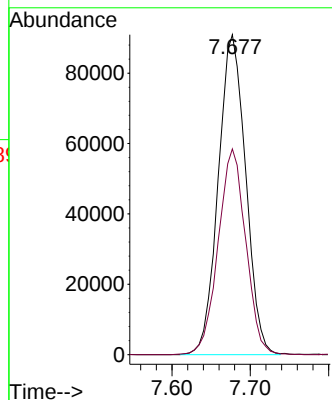
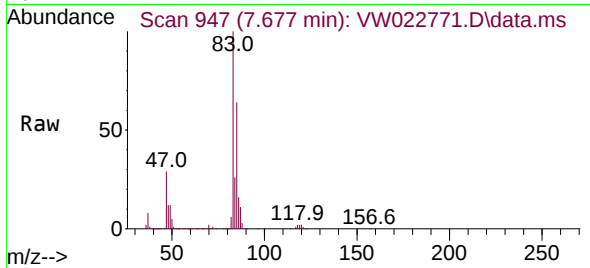




#25
Chloroform
Concen: 24.497 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

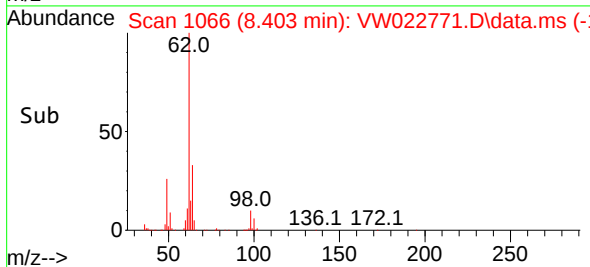
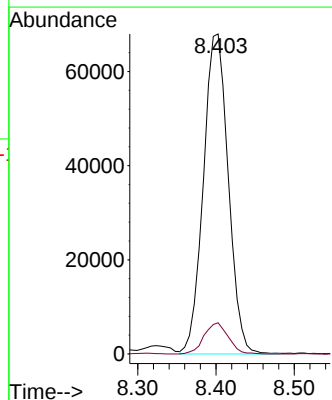
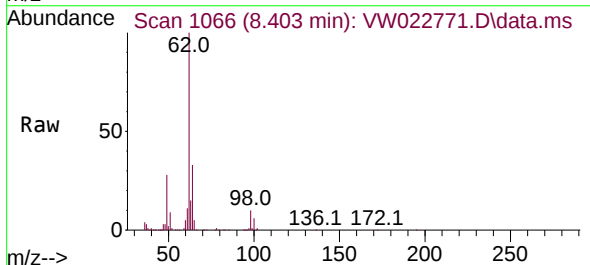
Instrument :
MSVOA_W
ClientSampleId :

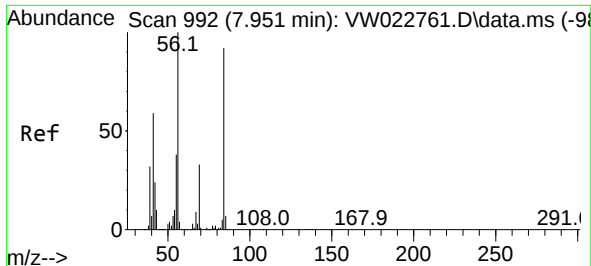
Tgt Ion: 83 Resp: 221029
Ion Ratio Lower Upper
83 100
85 64.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.969 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion: 62 Resp: 150177
Ion Ratio Lower Upper
62 100
98 9.7 7.2 10.8





#29

Cyclohexane

Concen: 22.349 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

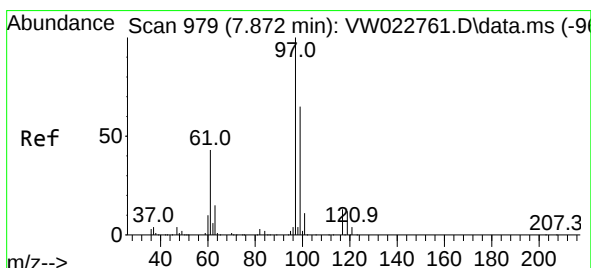
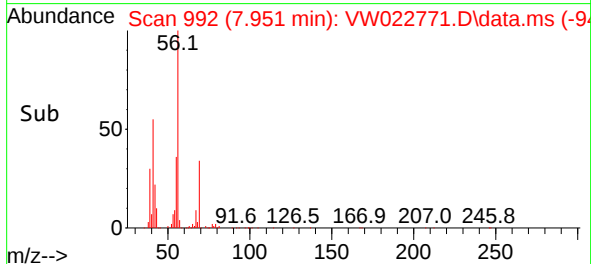
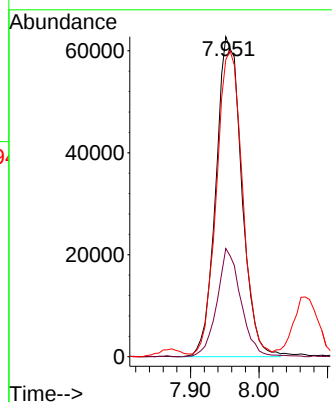
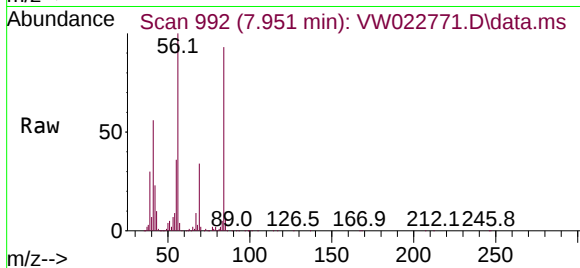
Tgt Ion: 56 Resp: 164080

Ion Ratio Lower Upper

56 100

69 31.3 25.6 38.4

84 96.7 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.274 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

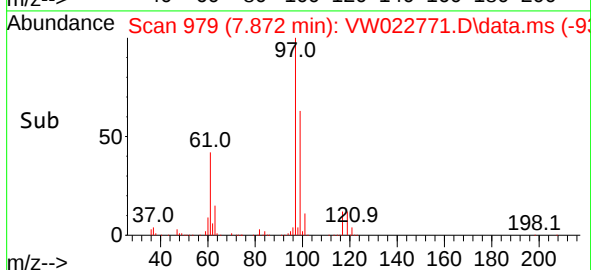
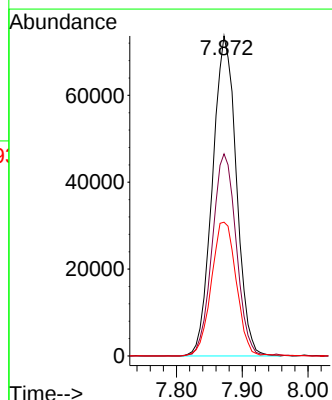
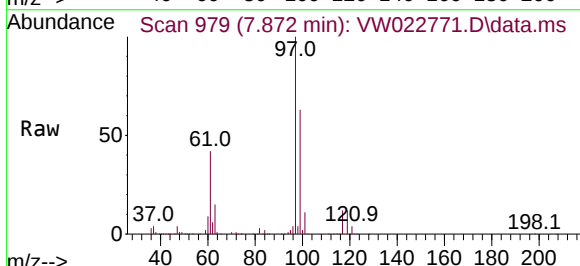
Tgt Ion: 97 Resp: 186713

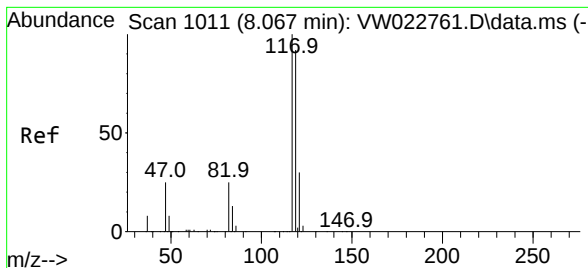
Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 43.4 34.8 52.2

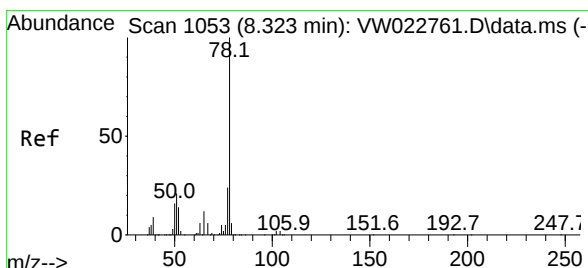
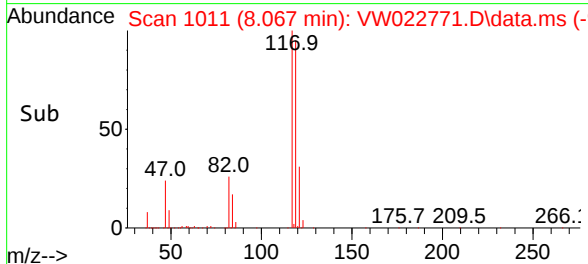
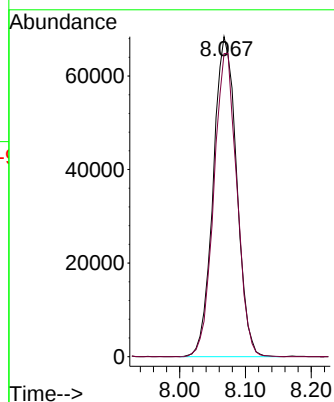
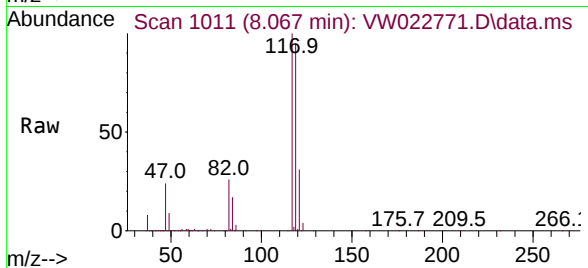




#31
Carbon tetrachloride
Concen: 22.567 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

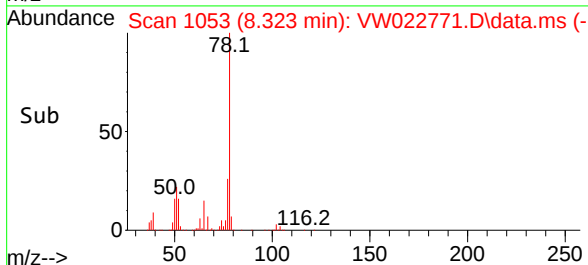
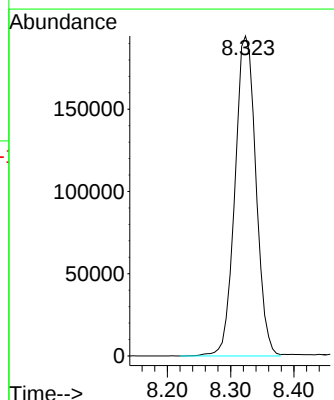
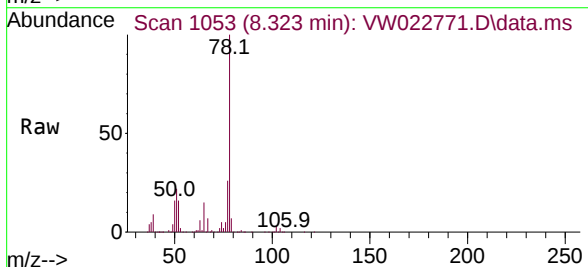
Instrument :
MSVOA_W
ClientSampleId :

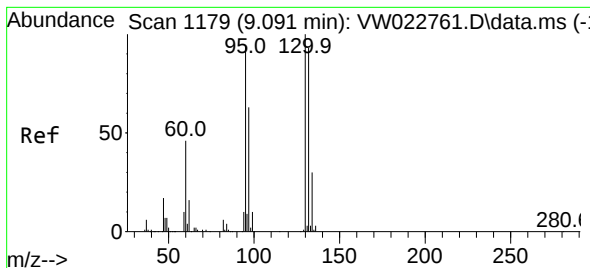
Tgt Ion:117 Resp: 169347
Ion Ratio Lower Upper
117 100
119 93.4 76.6 115.0



#33
Benzene
Concen: 22.468 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion: 78 Resp: 449327





#34

Trichloroethene

Concen: 22.410 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

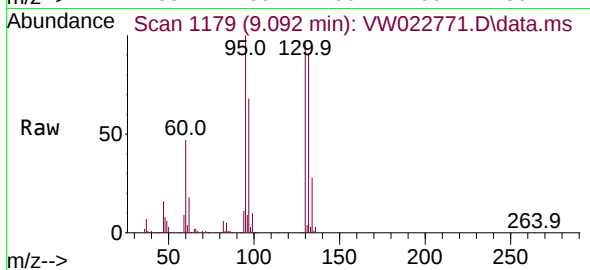
Lab File: VW022771.D

Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 123253

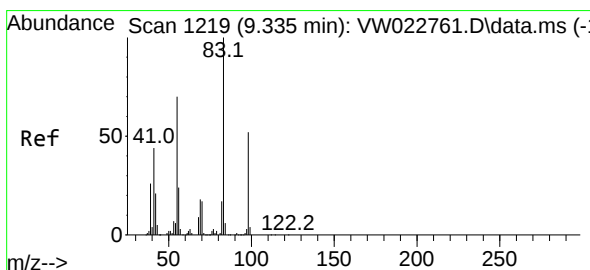
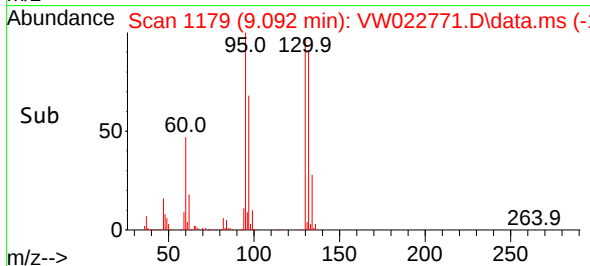
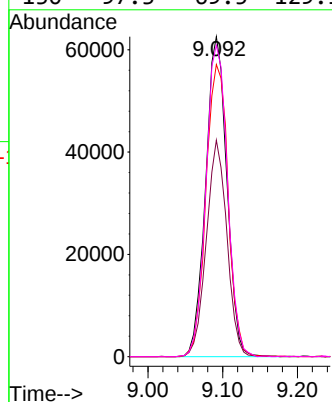
Ion Ratio Lower Upper

95 100

97 67.7 46.1 85.7

132 91.3 66.9 124.3

130 97.3 69.5 129.1



#35

Methylcyclohexane

Concen: 21.880 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

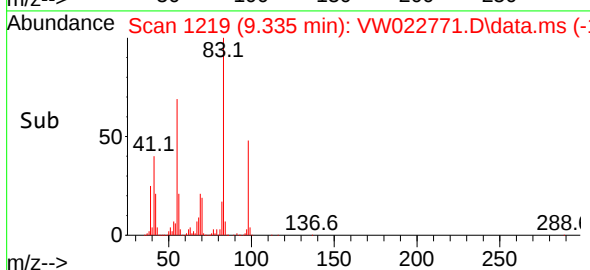
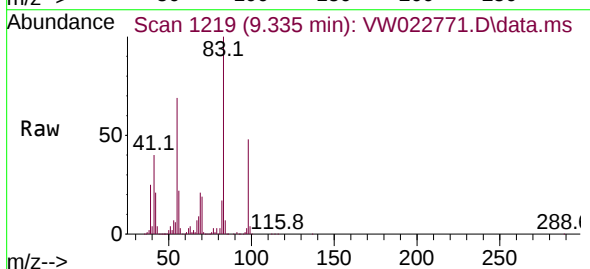
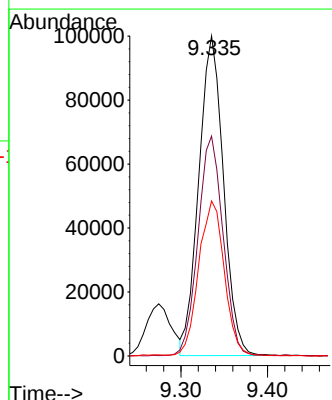
Tgt Ion: 83 Resp: 197692

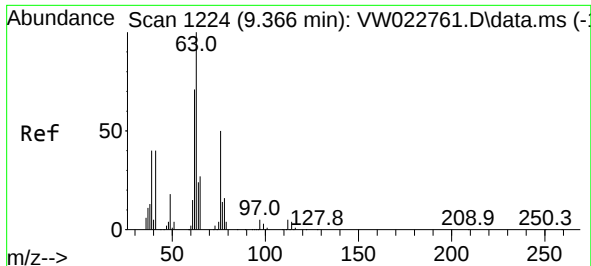
Ion Ratio Lower Upper

83 100

55 69.8 55.1 82.7

98 50.4 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.656 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

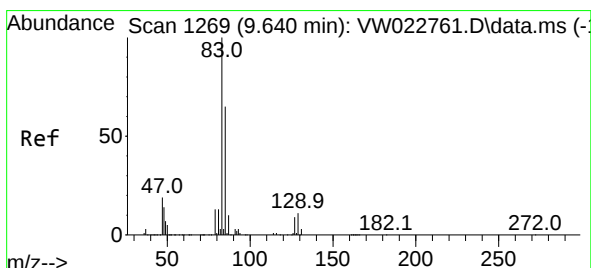
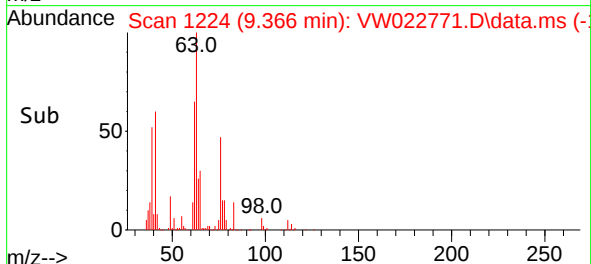
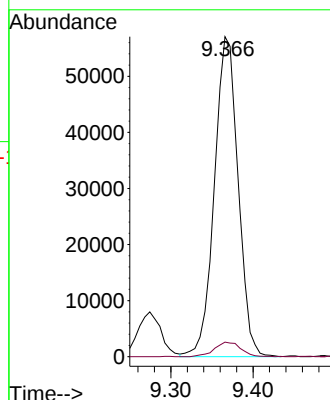
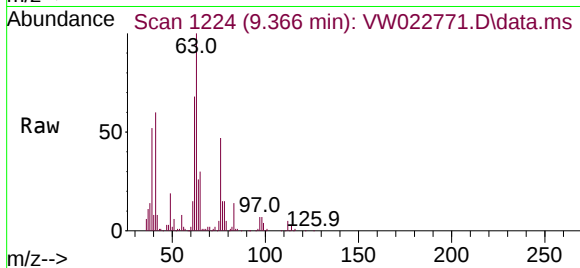
ClientSampleId :

Tgt Ion: 63 Resp: 114486

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 24.196 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

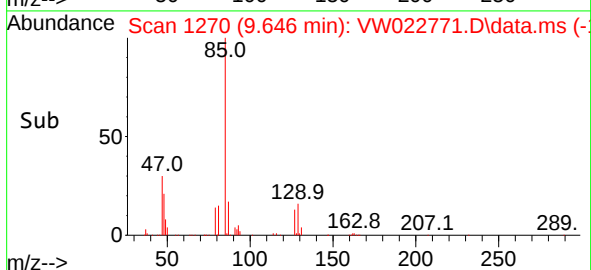
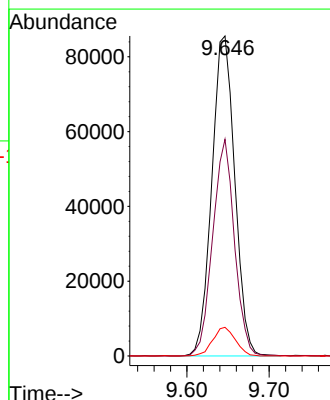
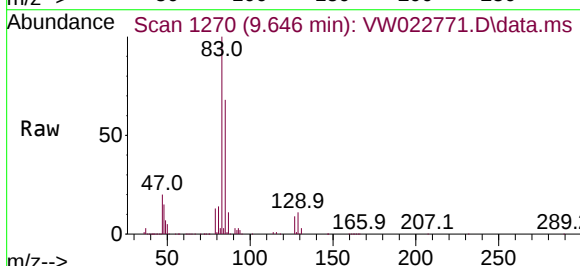
Tgt Ion: 83 Resp: 166325

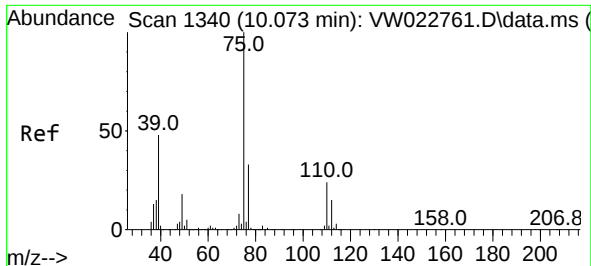
Ion Ratio Lower Upper

83 100

85 67.7 43.5 80.7

127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.321 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

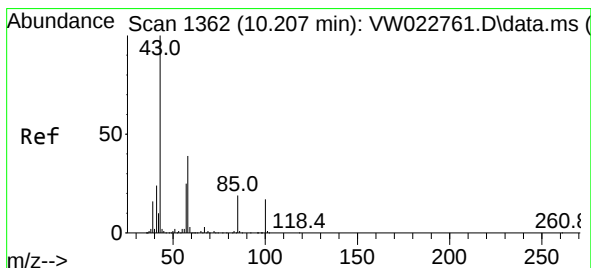
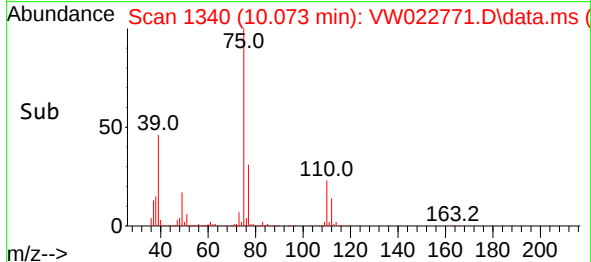
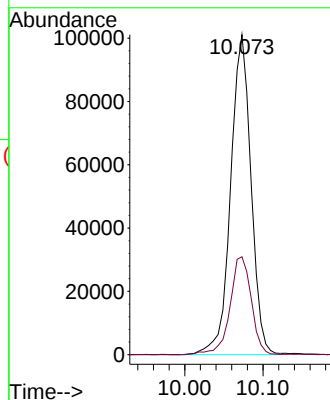
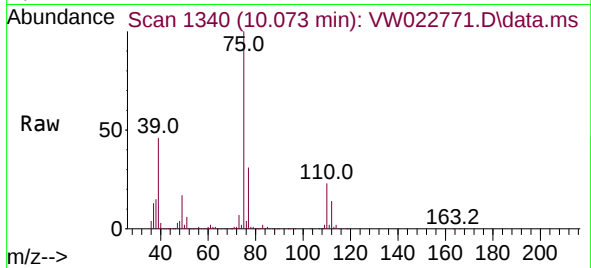
ClientSampleId :

Tgt Ion: 75 Resp: 182507

Ion Ratio Lower Upper

75 100

77 30.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.639 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

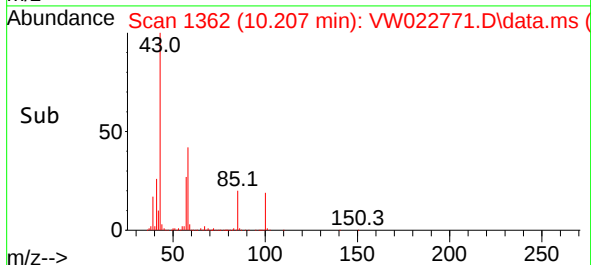
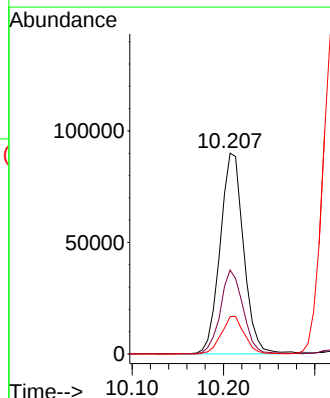
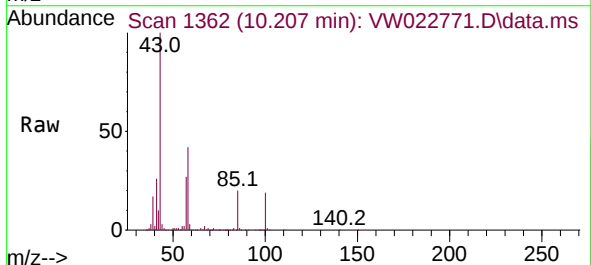
Tgt Ion: 43 Resp: 160568

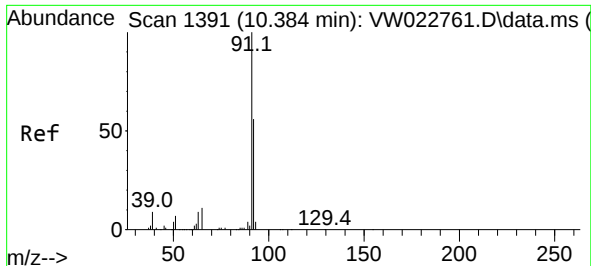
Ion Ratio Lower Upper

43 100

58 40.6 31.4 47.2

100 18.5 14.2 21.4

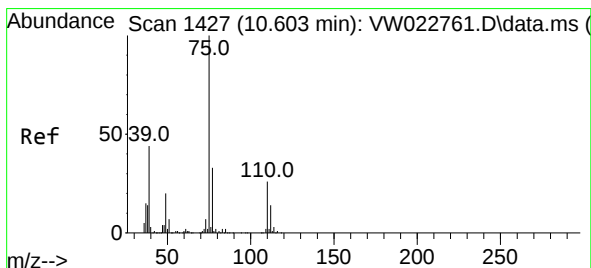
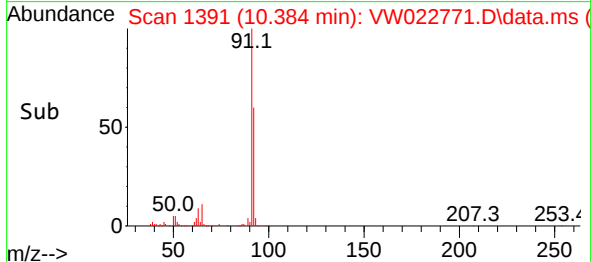
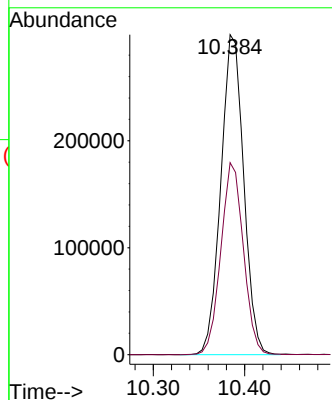
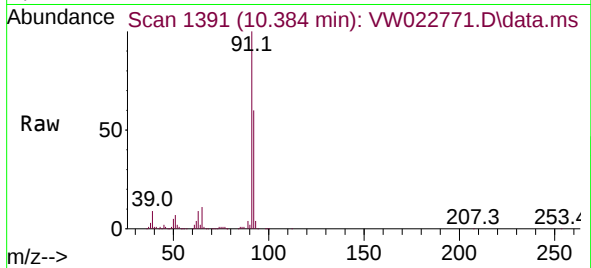




#42
Toluene
Concen: 23.235 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

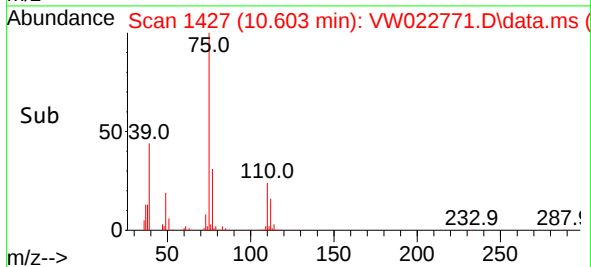
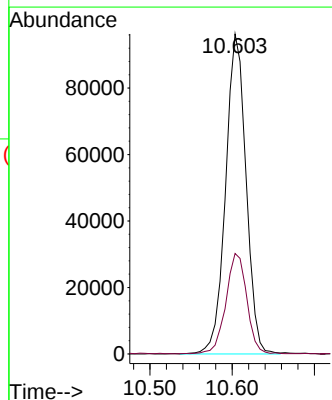
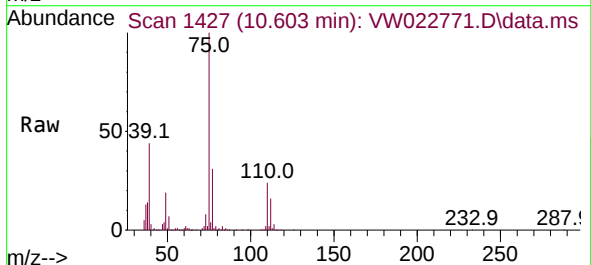
Instrument :
MSVOA_W
ClientSampleId :

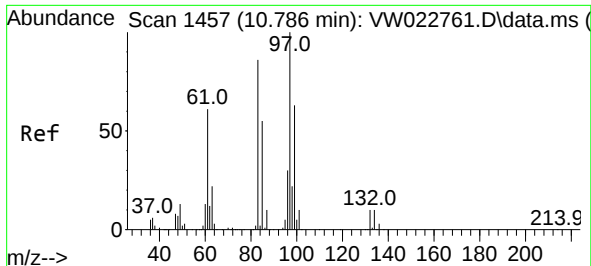
Tgt Ion: 91 Resp: 520738
Ion Ratio Lower Upper
91 100
92 60.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.808 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

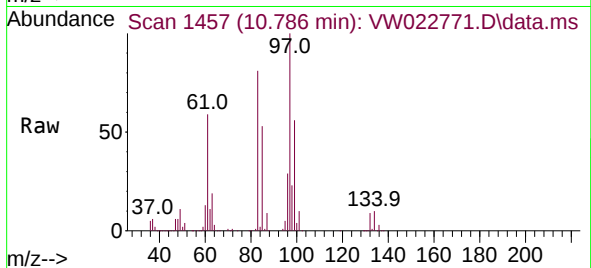
Tgt Ion: 75 Resp: 166162
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8



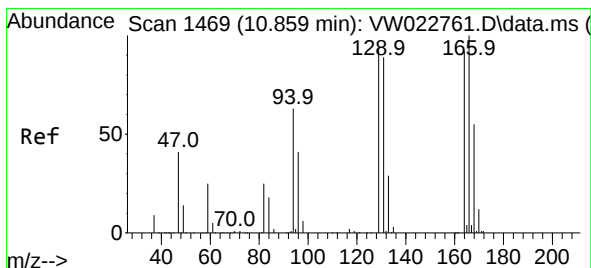
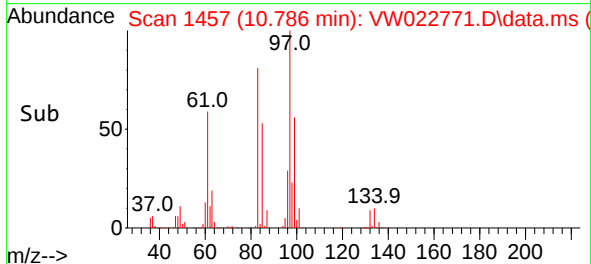
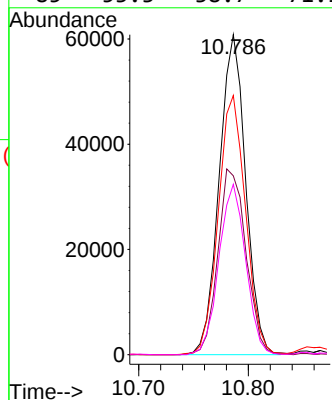


#45
1,1,2-Trichloroethane
Concen: 25.270 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Instrument :
MSVOA_W
ClientSampleId :

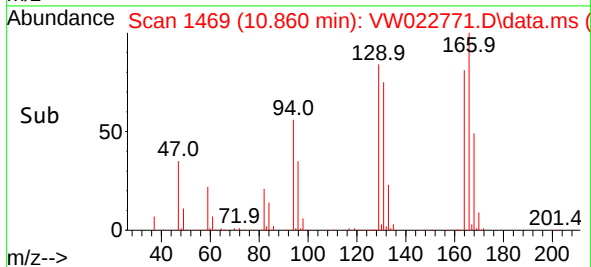
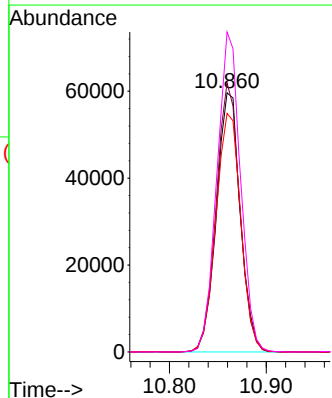
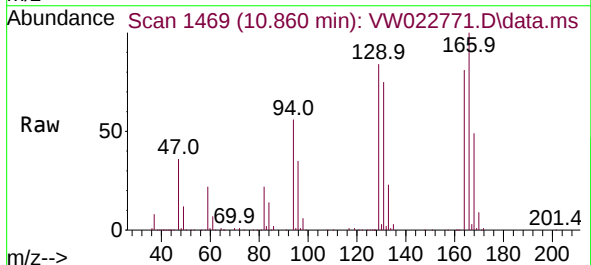


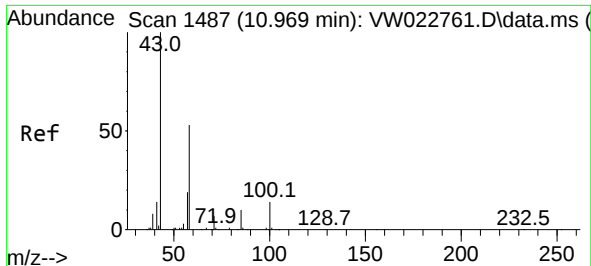
Tgt Ion: 97	Resp: 102235
Ion Ratio	Lower Upper
97 100	
99 55.9	44.7 82.9
83 81.0	58.4 108.4
85 53.3	38.7 71.9



#46
Tetrachloroethene
Concen: 24.681 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt	Ion:164	Resp:	102010
Ion	Ratio	Lower	Upper
164	100		
129	103.8	76.9	142.7
131	92.0	75.1	139.5
166	123.4	96.0	178.2

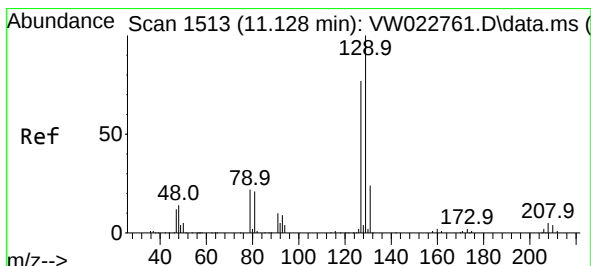
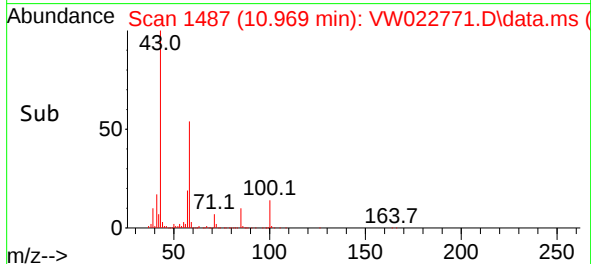
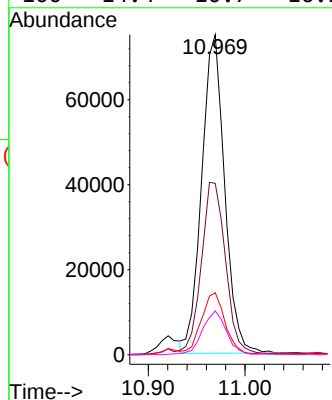
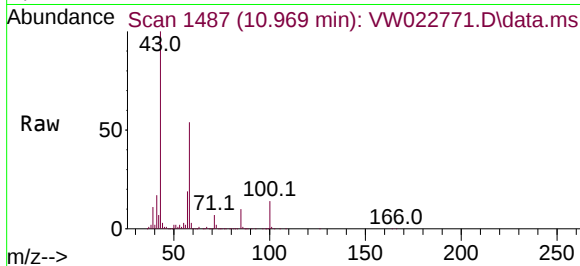




#48
2-Hexanone
Concen: 60.878 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

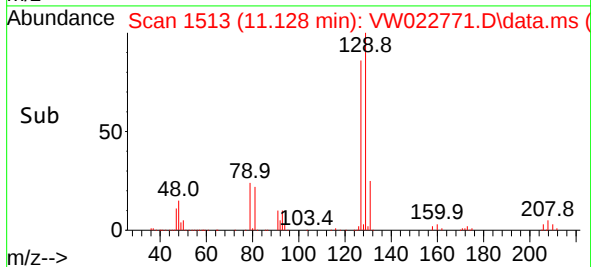
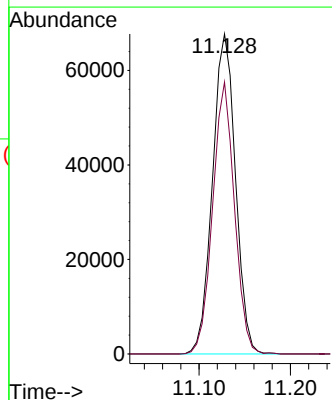
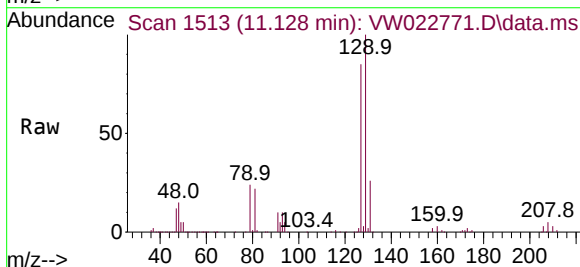
Instrument :
MSVOA_W
ClientSampleId :

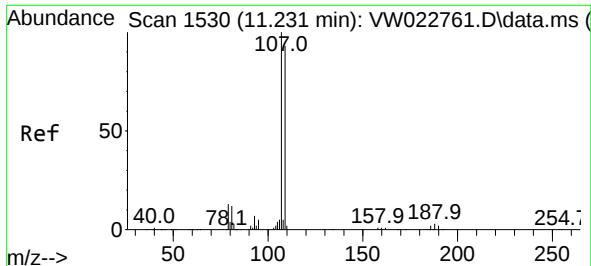
Tgt Ion: 43 Resp: 124077
Ion Ratio Lower Upper
43 100
58 57.3 45.9 68.9
57 19.6 16.2 24.2
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 24.305 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion:129 Resp: 118348
Ion Ratio Lower Upper
129 100
127 84.9 53.8 100.0





#50

1,2-Dibromoethane

Concen: 24.450 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022771.D

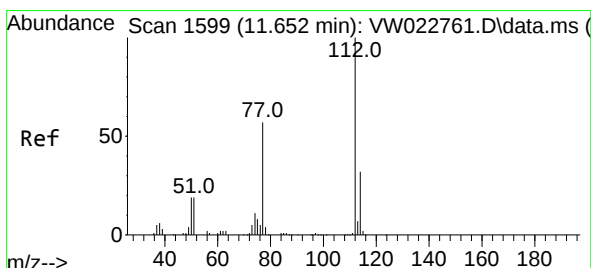
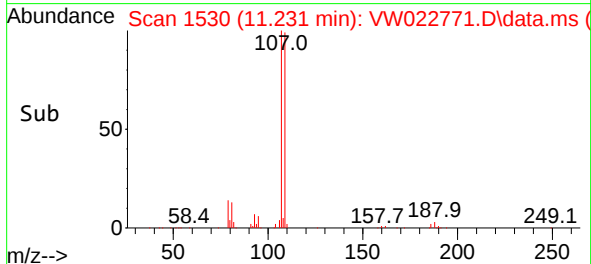
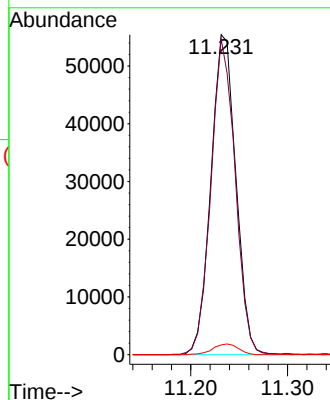
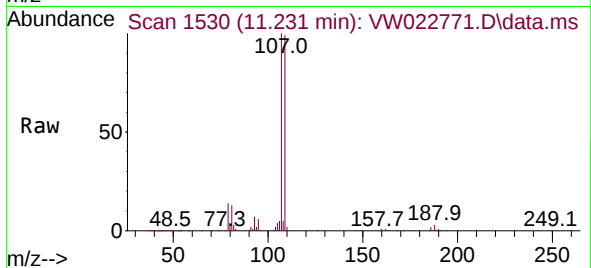
Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	99327
Ion Ratio	Lower	Upper	
107	100		
109	98.7	67.5	125.4
188	3.1	2.9	4.3



#51

Chlorobenzene

Concen: 23.590 ug/L

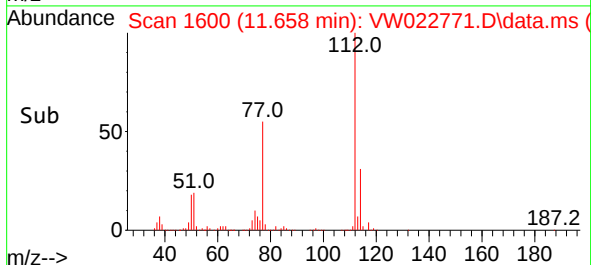
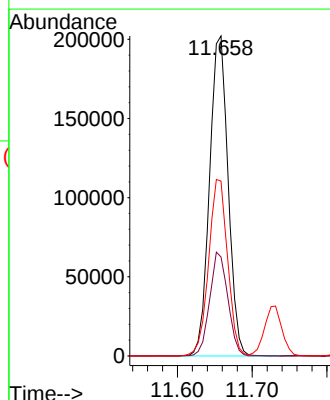
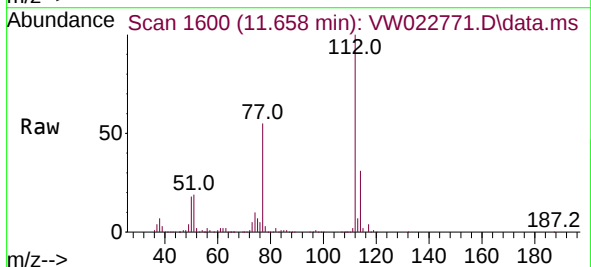
RT: 11.658 min Scan# 1600

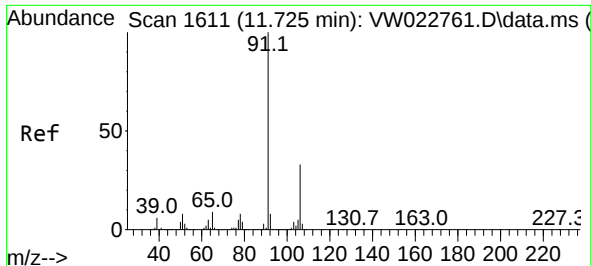
Delta R.T. 0.006 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

Tgt Ion:	112	Resp:	348557
Ion Ratio	Lower	Upper	
112	100		
114	30.9	22.0	41.0
77	54.6	42.6	63.8

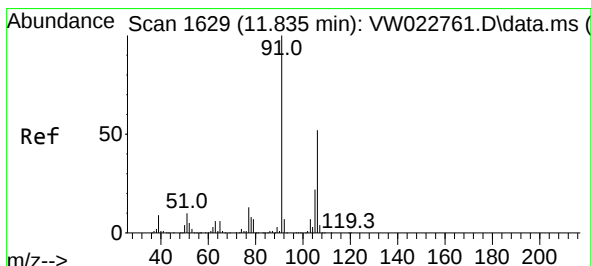
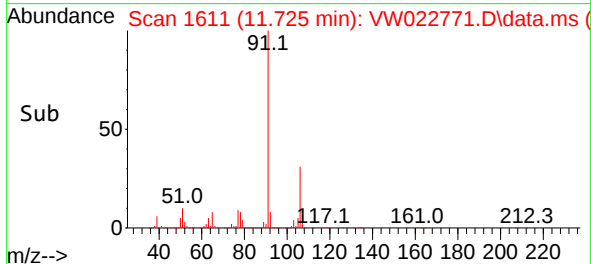
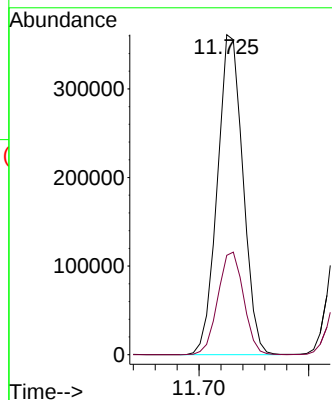
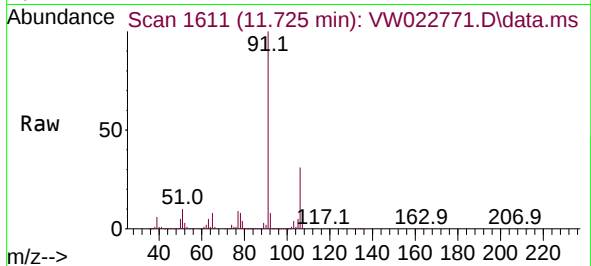




#52
Ethylbenzene
Concen: 23.506 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

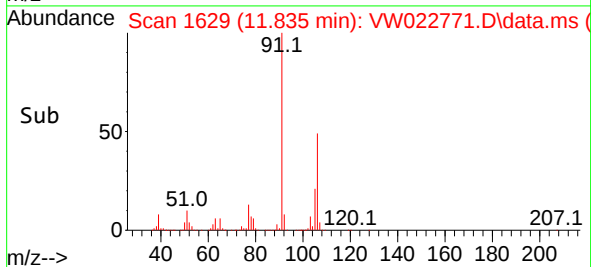
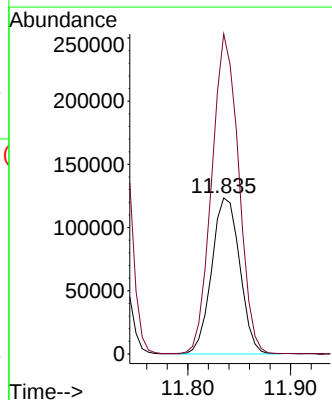
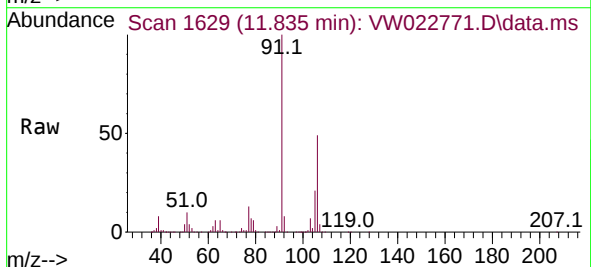
Instrument :
MSVOA_W
ClientSampleId :

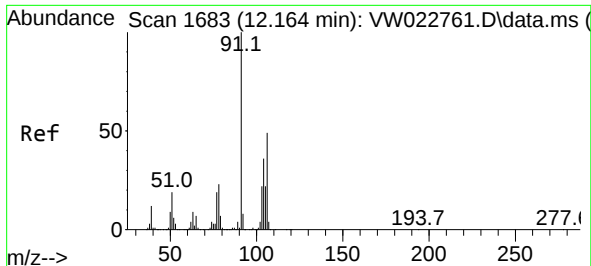
Tgt Ion: 91 Resp: 586100
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 23.836 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion:106 Resp: 234180
Ion Ratio Lower Upper
106 100
91 205.1 136.8 254.0

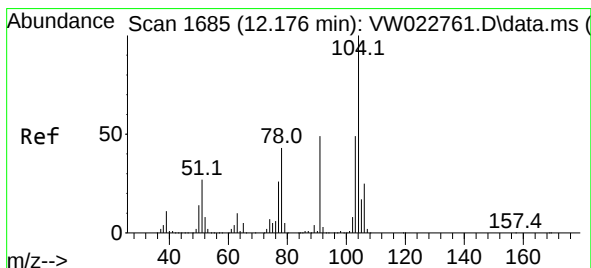
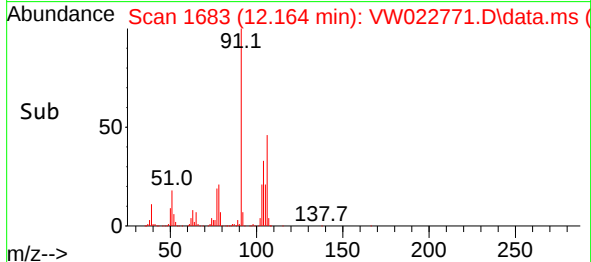
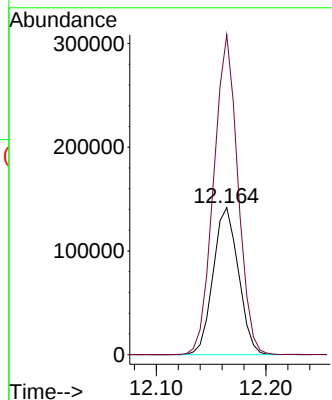
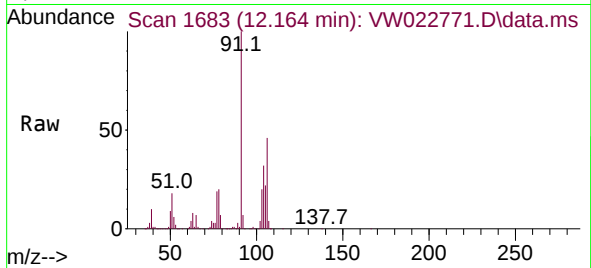




#54
o-Xylene
Concen: 24.129 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

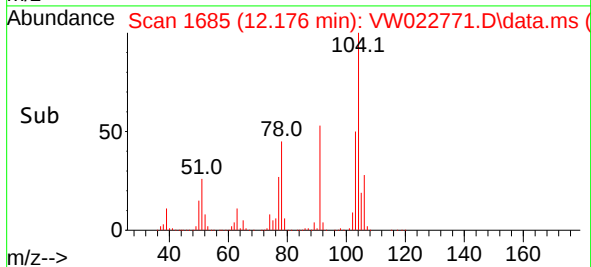
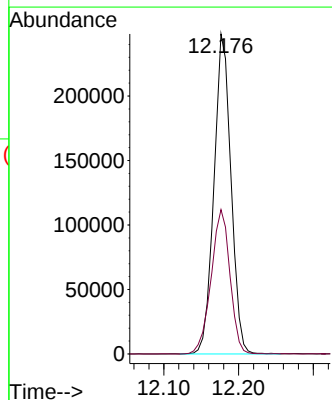
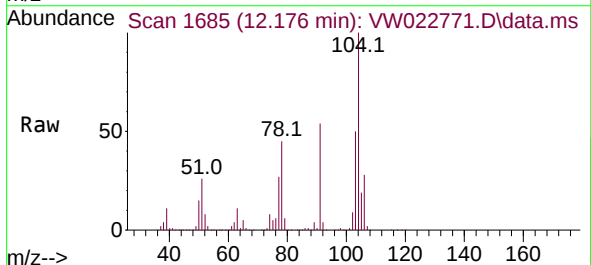
Instrument :
MSVOA_W
ClientSampleId :

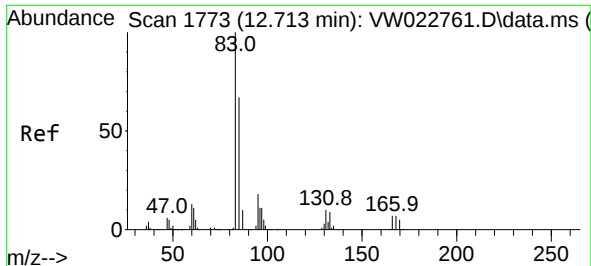
Tgt Ion:106 Resp: 227486
Ion Ratio Lower Upper
106 100
91 217.5 147.2 273.4



#55
Styrene
Concen: 24.549 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion:104 Resp: 393276
Ion Ratio Lower Upper
104 100
78 45.1 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 25.639 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

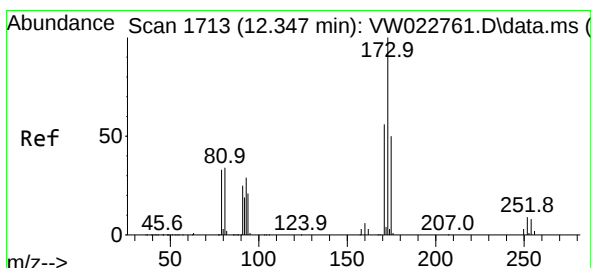
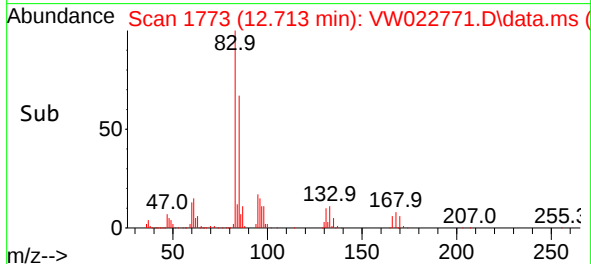
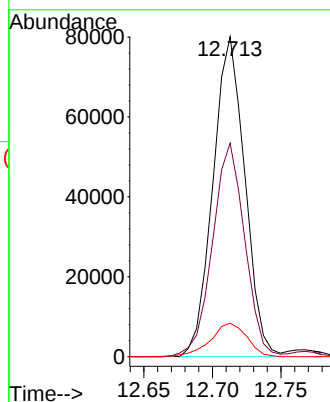
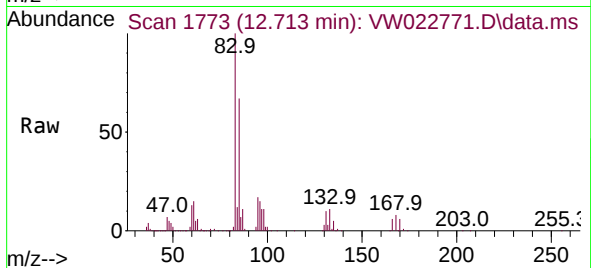
Tgt Ion: 83 Resp: 129559

Ion Ratio Lower Upper

83 100

85 66.7 47.5 88.1

131 10.5 8.7 13.1



#59

Bromoform

Concen: 25.957 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

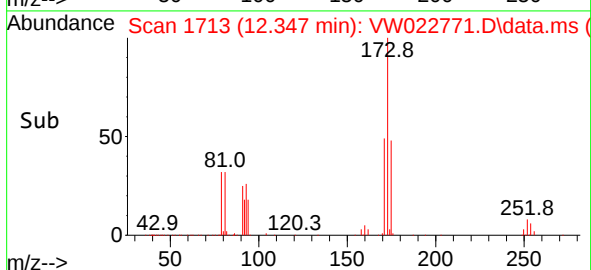
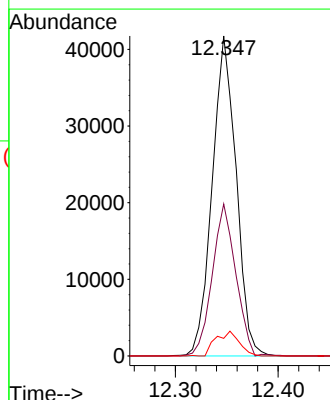
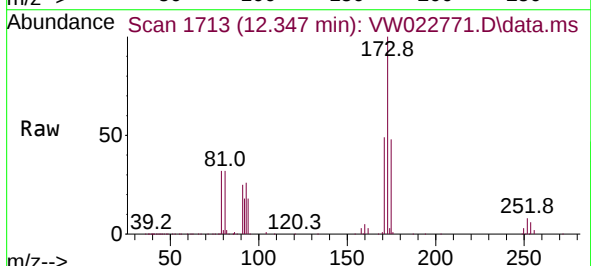
Tgt Ion:173 Resp: 67371

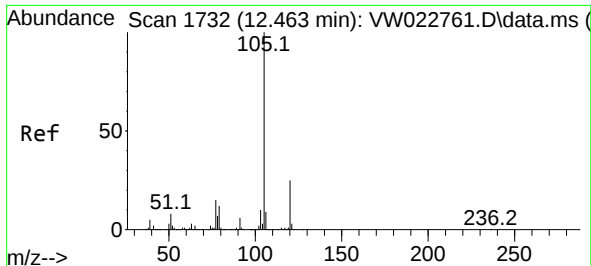
Ion Ratio Lower Upper

173 100

175 46.5 38.1 57.1

254 7.6 6.5 9.7

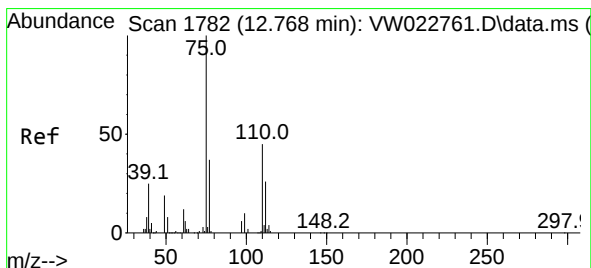
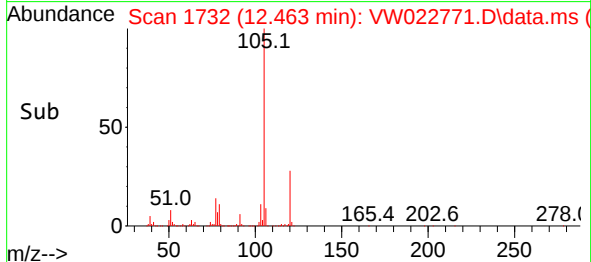
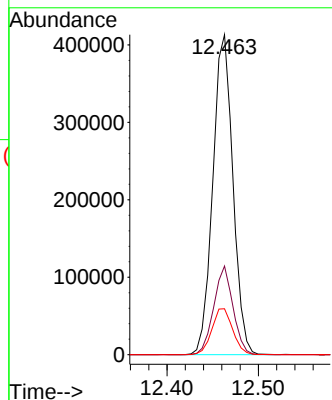
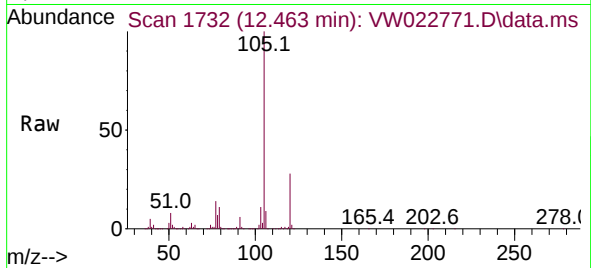




#60
Isopropylbenzene
Concen: 25.094 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

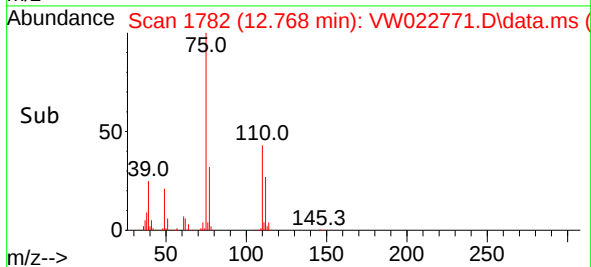
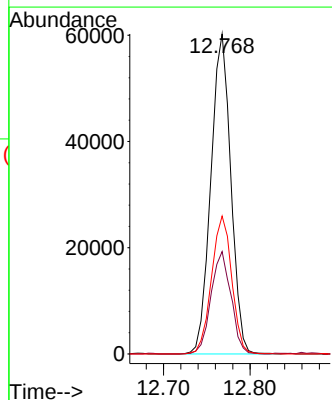
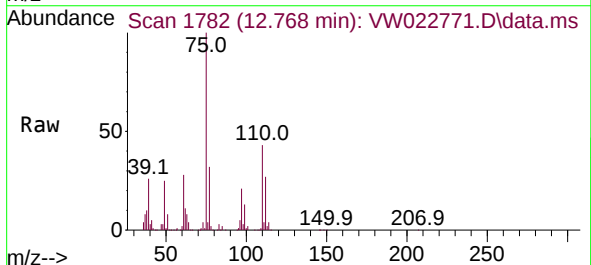
Instrument :
MSVOA_W
ClientSampleId :

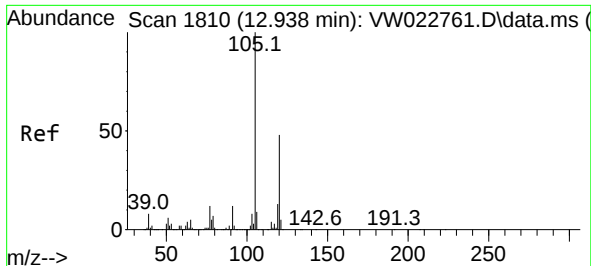
Tgt Ion:105 Resp: 629610
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 26.369 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion: 75 Resp: 96495
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 43.7 34.1 51.1

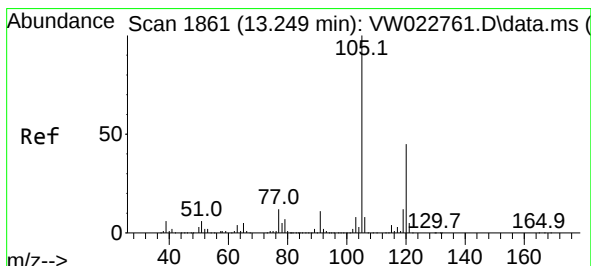
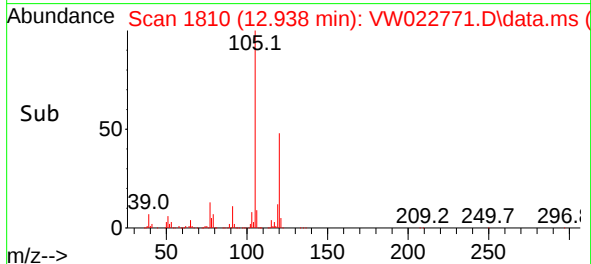
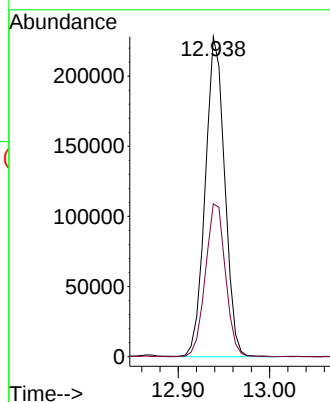
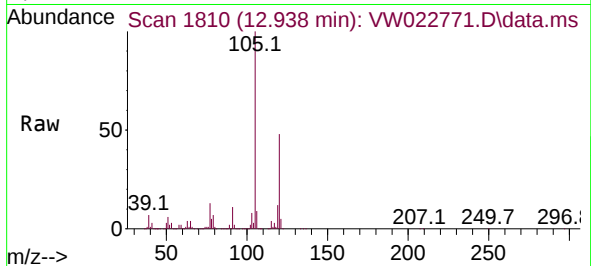




#62
1,3,5-Trimethylbenzene
Concen: 24.095 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

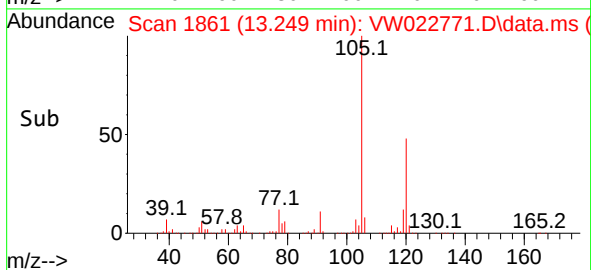
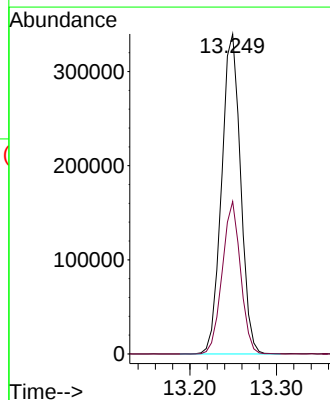
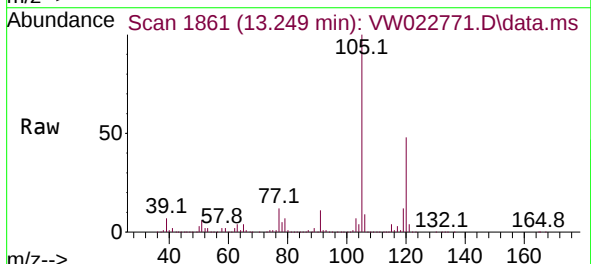
Instrument :
MSVOA_W
ClientSampleId :

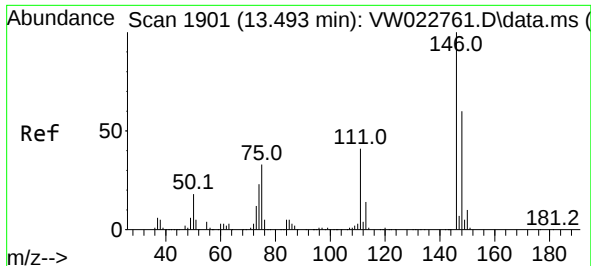
Tgt Ion:105 Resp: 336339
Ion Ratio Lower Upper
105 100
120 49.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.605 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion:105 Resp: 515708
Ion Ratio Lower Upper
105 100
120 46.1 37.4 56.2

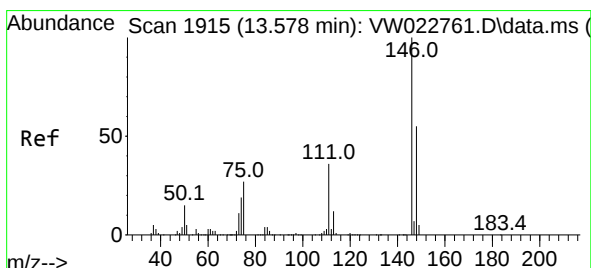
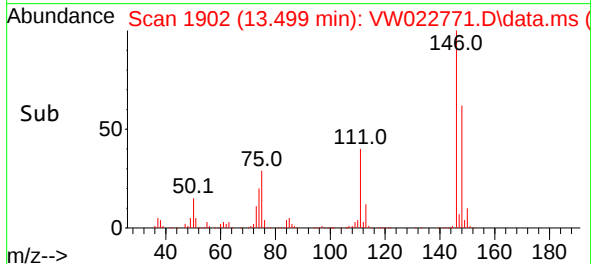
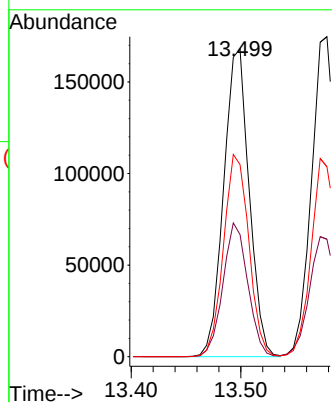
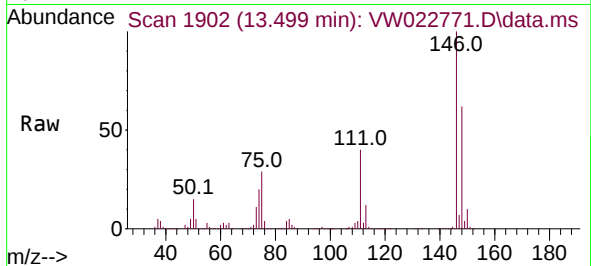




#64
1,3-Dichlorobenzene
Concen: 24.238 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

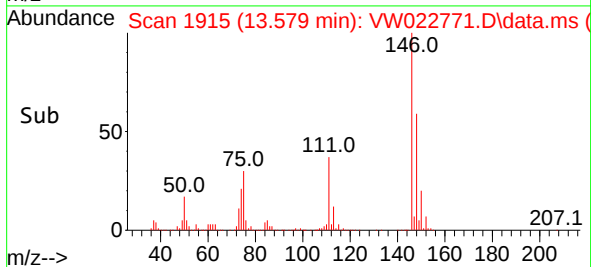
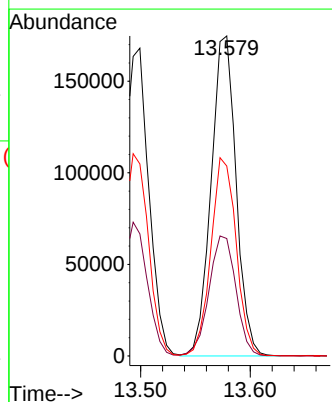
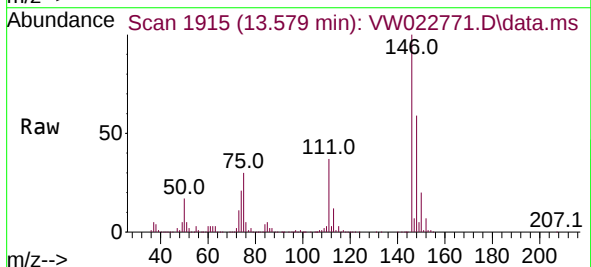
Instrument :
MSVOA_W
ClientSampleId :

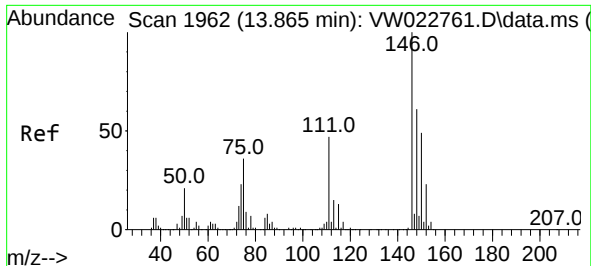
Tgt Ion:146 Resp: 271523
Ion Ratio Lower Upper
146 100
111 39.7 29.5 54.9
148 62.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.964 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion:146 Resp: 277287
Ion Ratio Lower Upper
146 100
111 36.7 27.2 50.4
148 59.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.565 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

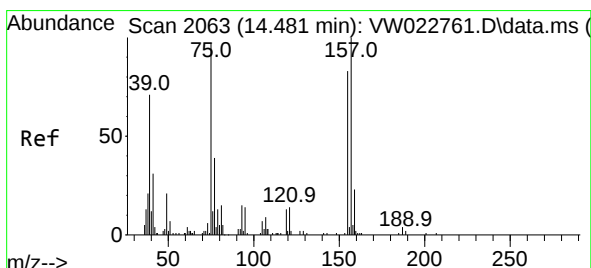
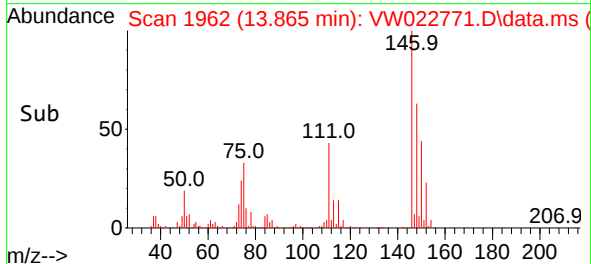
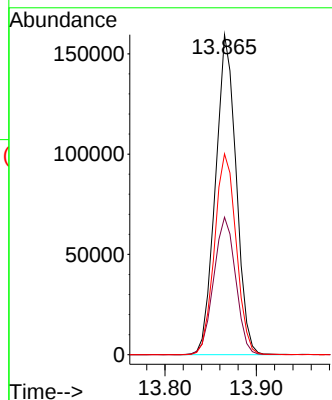
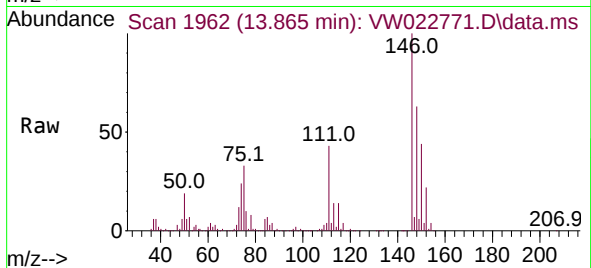
Tgt Ion:146 Resp: 251809

Ion Ratio Lower Upper

146 100

111 42.9 35.7 53.5

148 62.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 27.236 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

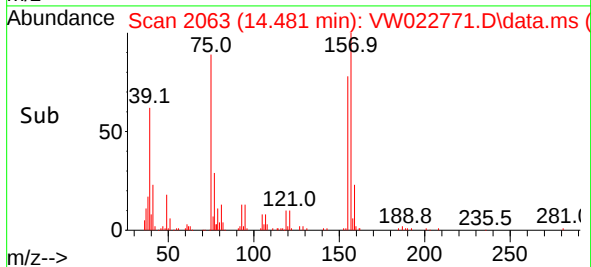
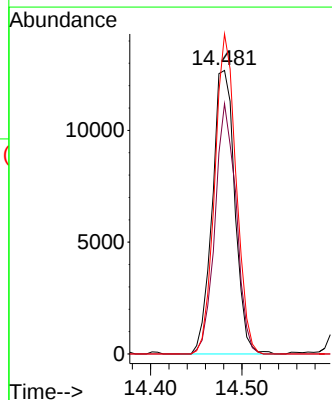
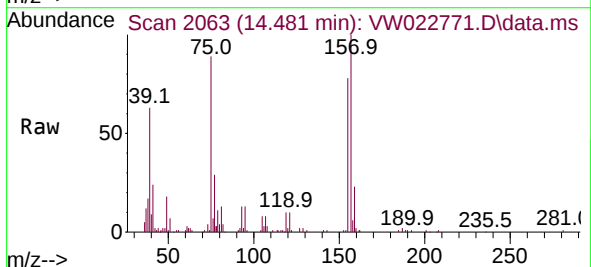
Tgt Ion: 75 Resp: 21783

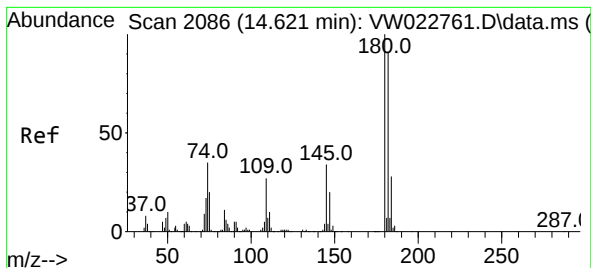
Ion Ratio Lower Upper

75 100

155 88.2 59.3 88.9

157 112.8 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 23.635 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

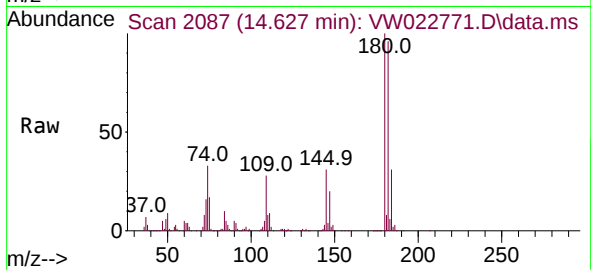
Lab File: VW022771.D

Acq: 03 May 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 175745

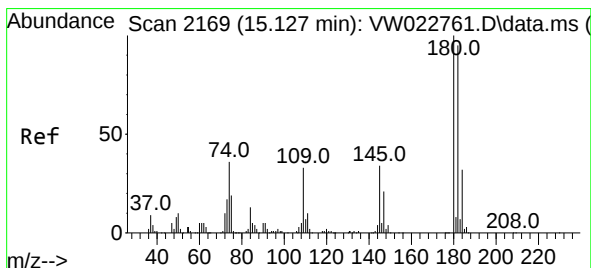
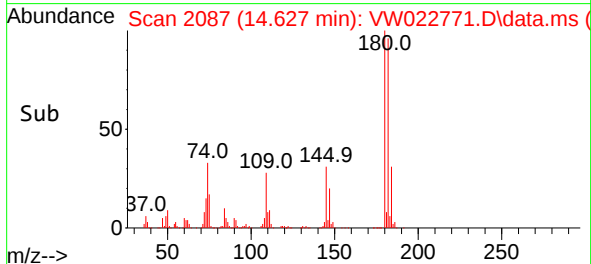
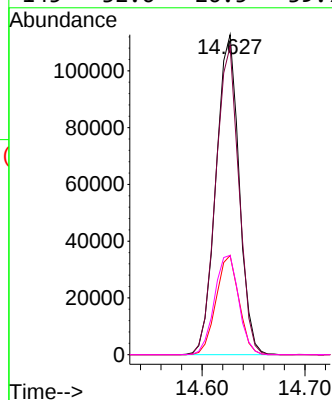
Ion Ratio Lower Upper

180 100

182 96.6 74.8 112.2

184 30.7 23.4 35.2

145 32.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.750 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022771.D

Acq: 03 May 2022 14:49

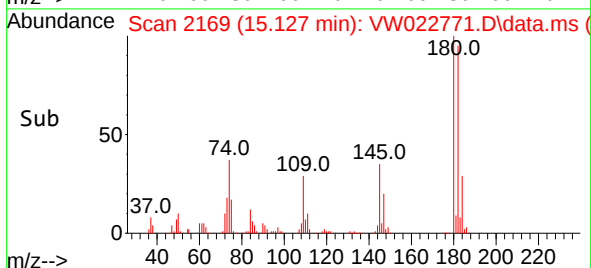
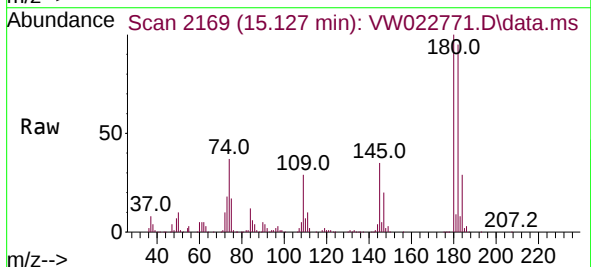
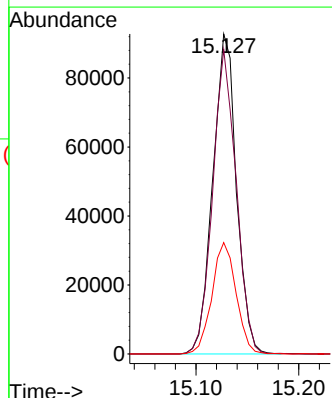
Tgt Ion:180 Resp: 148042

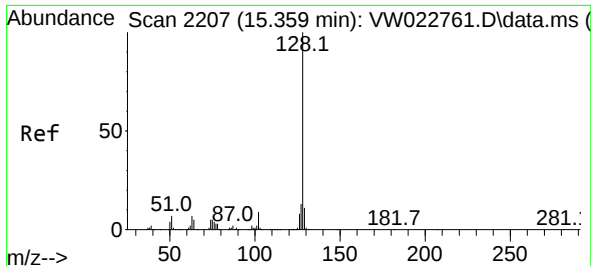
Ion Ratio Lower Upper

180 100

182 94.6 74.9 112.3

145 35.6 26.6 39.8

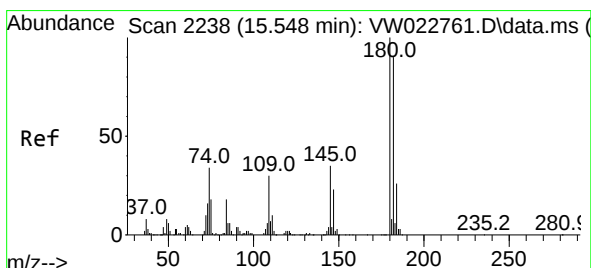
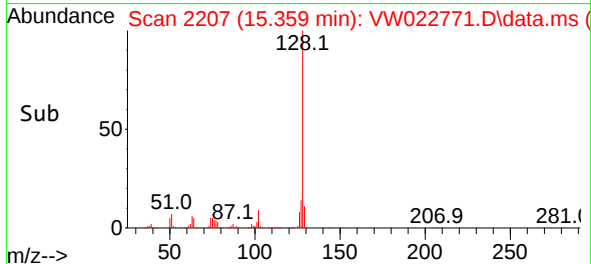
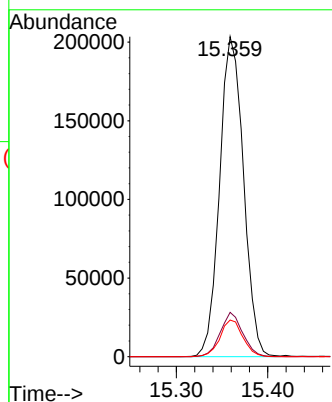
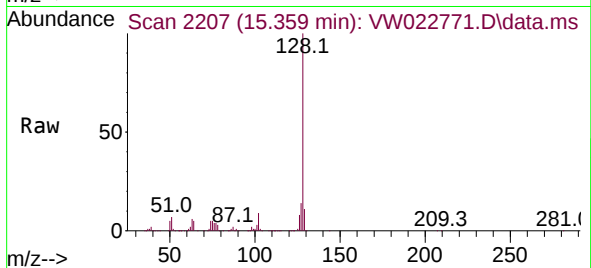




#71
Naphthalene
Concen: 28.432 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 369630
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.252 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022771.D
Acq: 03 May 2022 14:49

Tgt Ion:180 Resp: 133873
Ion Ratio Lower Upper
180 100
182 95.5 73.5 110.3
145 36.6 27.9 41.9

