

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023440.D
 Acq On : 10 Jun 2022 11:11
 Operator : SY/VA
 Sample : VSTD05023
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 10 11:41:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 11:40:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	359249	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	354912	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	196143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	263969	47.276	ug/L	0.00
7) Chloroethane-d5	2.885	69	207598	52.408	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	376514	46.215	ug/L	0.00
21) 2-Butanone-d5	7.074	46	109540	101.815	ug/L	0.00
24) Chloroform-d	7.653	84	451245	46.832	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	245329	48.020	ug/L	0.00
32) Benzene-d6	8.275	84	865430	44.805	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	258139	47.489	ug/L	0.00
41) Toluene-d8	10.323	98	906220	49.188	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	129775	53.601	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	99307	119.701	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	256039	53.473	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	345563	49.844	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	72482	59.102	ug/L	97
3) Chloromethane	2.215	50	202226	48.474	ug/L	99
5) Vinyl chloride	2.361	62	339914	52.455	ug/L	100
6) Bromomethane	2.776	94	187211	52.724	ug/L	91
8) Chloroethane	2.922	64	188614	58.429	ug/L	99
9) Trichlorofluoromethane	3.257	101	148972	46.204	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	211728	46.467	ug/L	96
12) 1,1-Dichloroethene	4.038	96	191347	47.373	ug/L	92
13) Acetone	4.123	43	75576	95.413	ug/L	95
14) Carbon disulfide	4.385	76	591381	46.065	ug/L	99
15) Methyl Acetate	4.672	43	88942	50.247	ug/L	96
16) Methylene chloride	4.916	84	201617	39.300	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	212421	44.271	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	338436	48.031	ug/L	98
19) 1,1-Dichloroethane	6.220	63	378865	46.222	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	240982	47.380	ug/L #	95
22) 2-Butanone	7.171	43	122224	103.607	ug/L	98
23) Bromochloromethane	7.519	128	109308	45.880	ug/L	94
25) Chloroform	7.677	83	433278	47.613	ug/L	98
27) 1,2-Dichloroethane	8.403	62	300794	51.794	ug/L	99
29) Cyclohexane	7.958	56	356641	48.088	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	383147	46.118	ug/L	98
31) Carbon tetrachloride	8.074	117	354972	46.586	ug/L	99
33) Benzene	8.323	78	970366	47.072	ug/L	100
34) Trichloroethene	9.092	95	260629	46.671	ug/L	94
35) Methylcyclohexane	9.335	83	440618	48.057	ug/L	99
37) 1,2-Dichloropropane	9.366	63	234461	48.129	ug/L	100
38) Bromodichloromethane	9.646	83	343038	50.227	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	391853	51.724	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	301760	112.943	ug/L	99
42) Toluene	10.390	91	1159406	49.929	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	364249	54.653	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

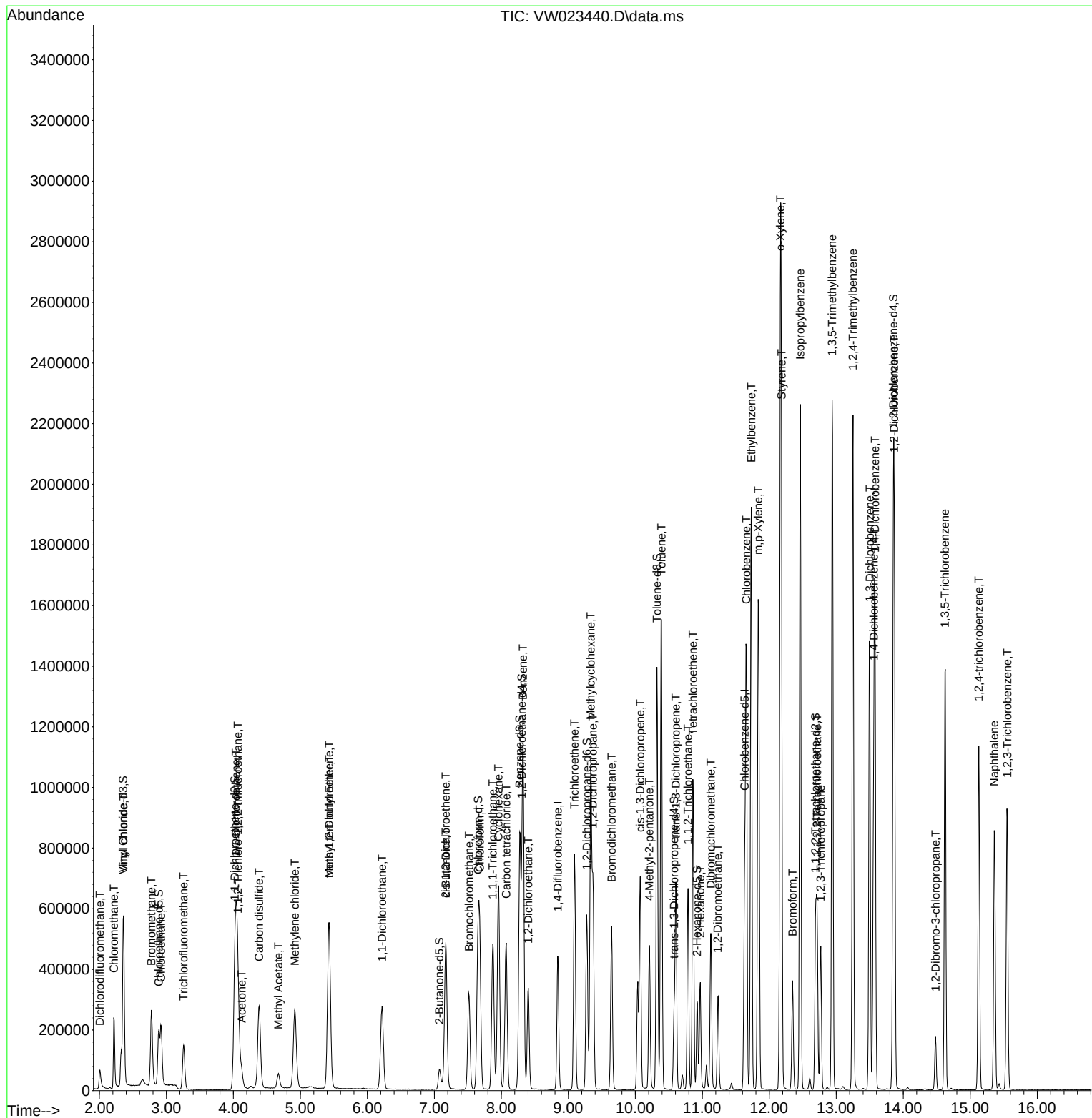
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	201227	51.294	ug/L	97
46) Tetrachloroethene	10.860	164	207935	47.304	ug/L	86
48) 2-Hexanone	10.969	43	213018	123.000	ug/L	98
49) Dibromochloromethane	11.128	129	253341	53.214	ug/L	94
50) 1,2-Dibromoethane	11.232	107	197772	51.773	ug/L	95
51) Chlorobenzene	11.658	112	767514	50.437	ug/L	99
52) Ethylbenzene	11.731	91	1319851	51.493	ug/L	98
53) m,p-Xylene	11.835	106	528153	53.215	ug/L	98
54) o-Xylene	12.164	106	518833	54.293	ug/L	96
55) Styrene	12.183	104	923224	55.959	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	257901	53.923	ug/L	95
59) Bromoform	12.347	173	150296	56.468	ug/L	98
60) Isopropylbenzene	12.463	105	1432916	52.127	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	181485	50.858	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	1213007	53.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1204658	53.298	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	613871	49.487	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	626067	49.098	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	577692	50.798	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	41119	54.333	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.621	180	402006	48.759	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	334177	52.669	ug/L	97
71) Naphthalene	15.359	128	706756	59.212	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	284737	51.247	ug/L	94

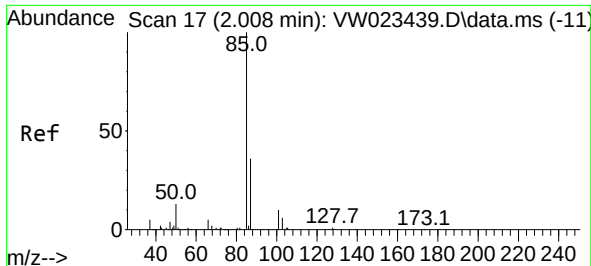
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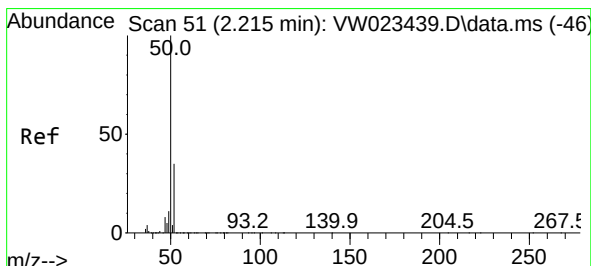
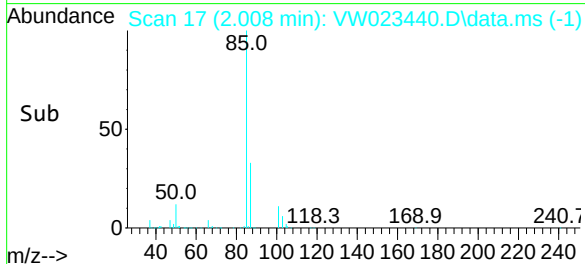
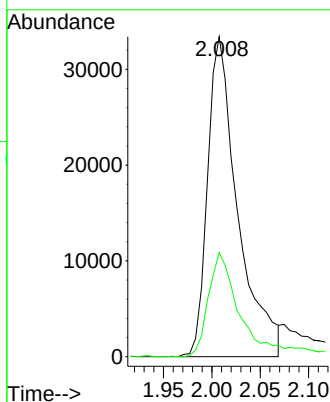
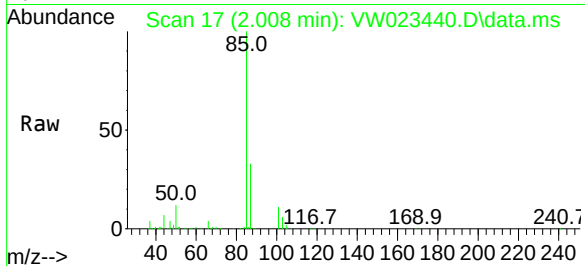




#2
 Dichlorodifluoromethane
 Concen: 59.102 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023440.D
 Acq: 10 Jun 2022 11:11

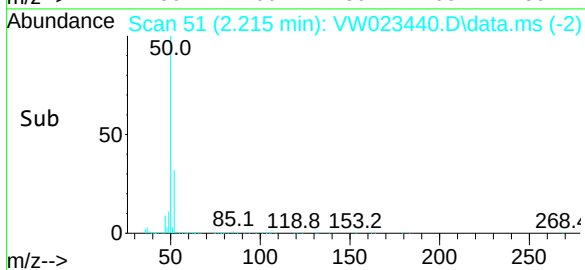
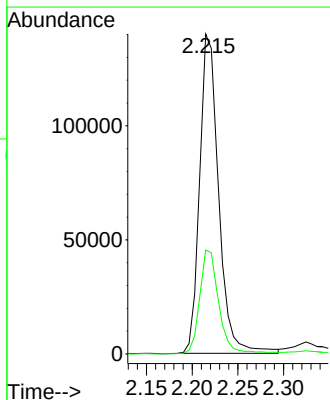
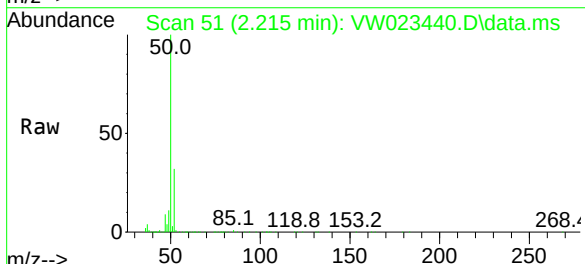
Instrument :
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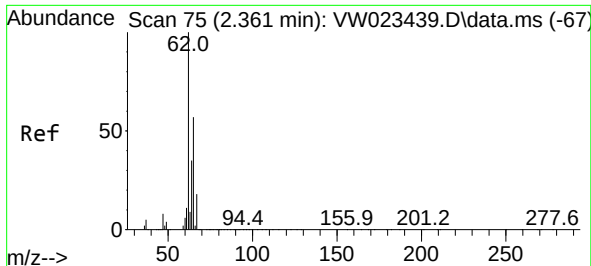
Tgt Ion: 85 Resp: 72482
 Ion Ratio Lower Upper
 85 100
 87 32.8 27.8 41.8



#3
 Chloromethane
 Concen: 48.474 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023440.D
 Acq: 10 Jun 2022 11:11

Tgt Ion: 50 Resp: 202226
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.1 42.9

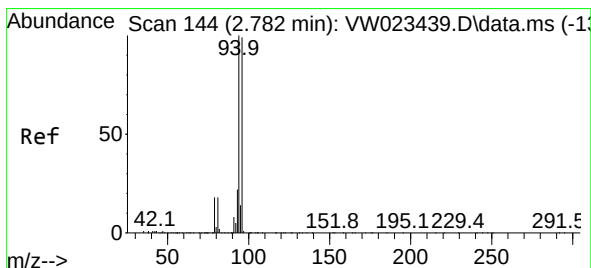
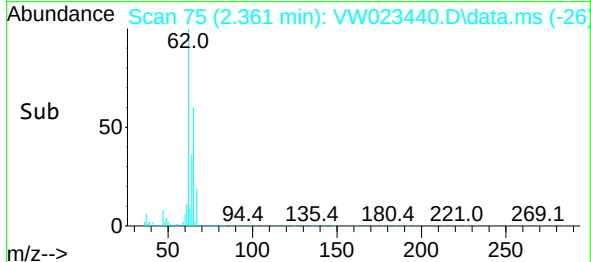
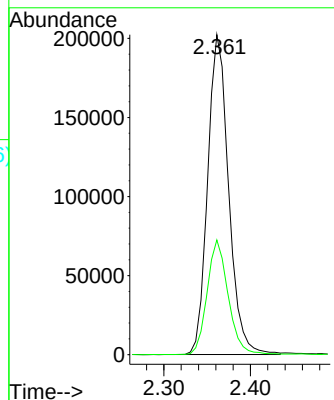
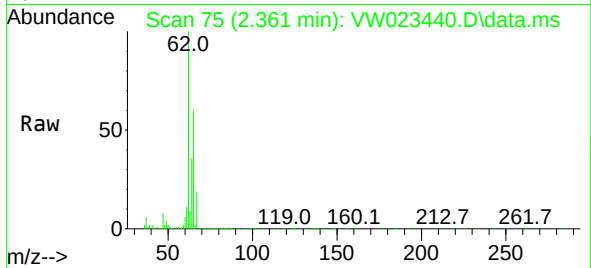




#5
 Vinyl chloride
 Concen: 52.455 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023440.D
 Acq: 10 Jun 2022 11:11

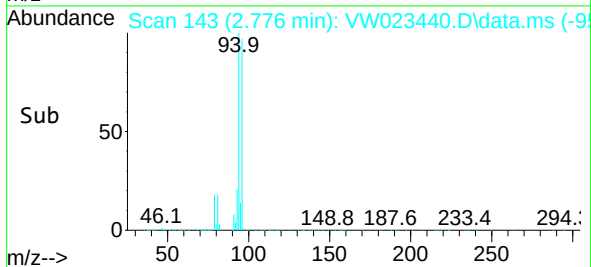
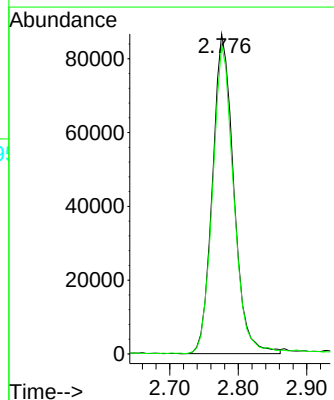
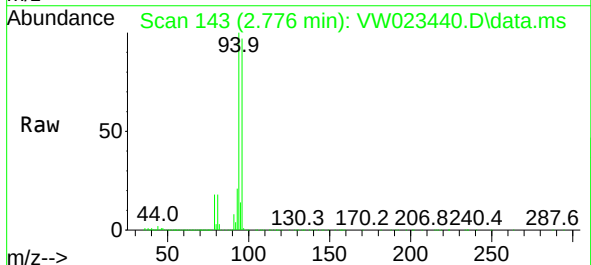
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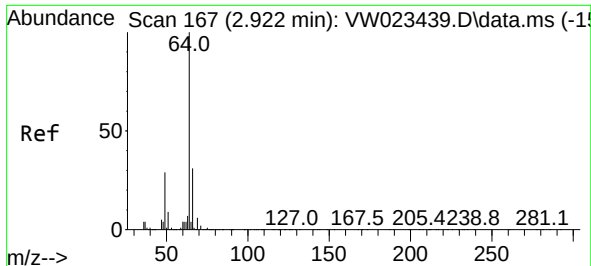
Tgt Ion: 62 Resp: 339914
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.9 46.3



#6
 Bromomethane
 Concen: 52.724 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023440.D
 Acq: 10 Jun 2022 11:11

Tgt Ion: 94 Resp: 187211
 Ion Ratio Lower Upper
 94 100
 96 96.5 61.7 114.5

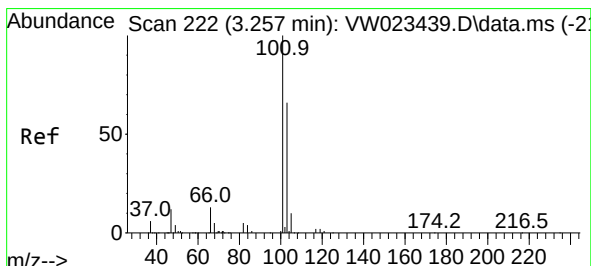
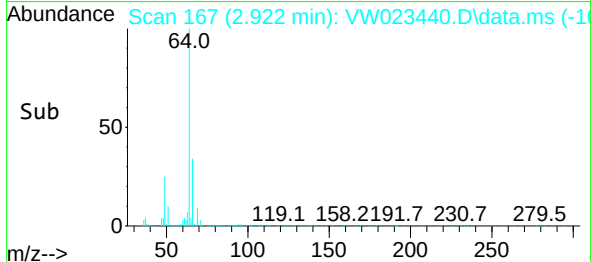
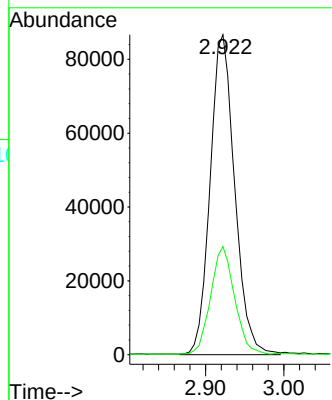
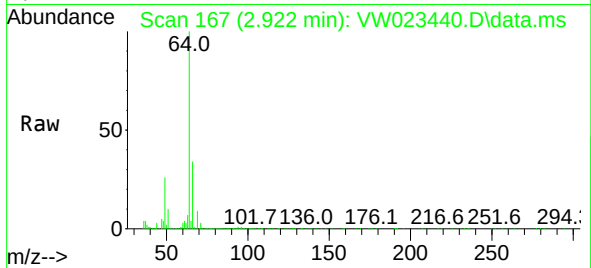




#8
Chloroethane
Concen: 58.429 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

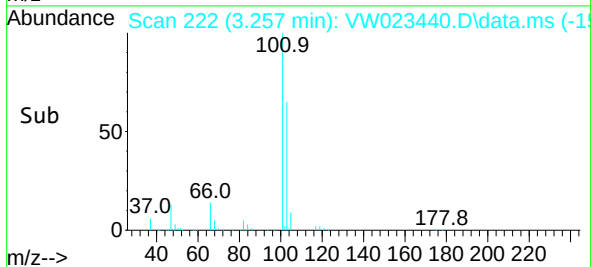
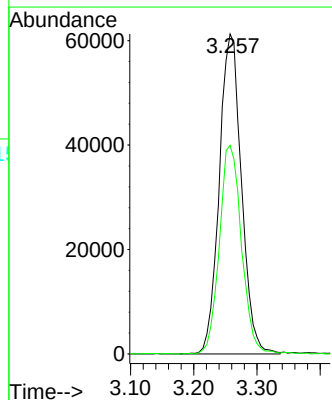
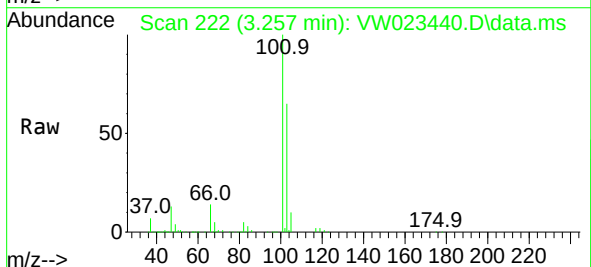
Instrument :
MSVOA_W
ClientSampleId :

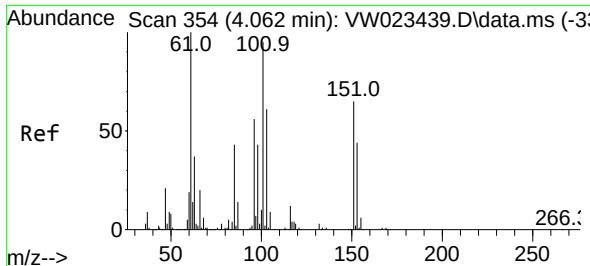
Tgt Ion: 64 Resp: 188614
Ion Ratio Lower Upper
64 100
66 33.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 46.204 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 101 Resp: 148972
Ion Ratio Lower Upper
101 100
103 64.6 53.9 80.9

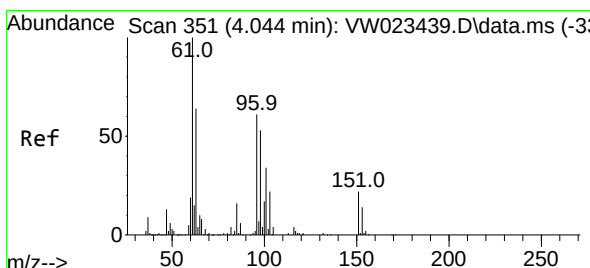
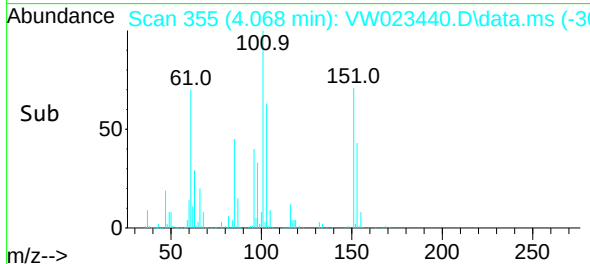
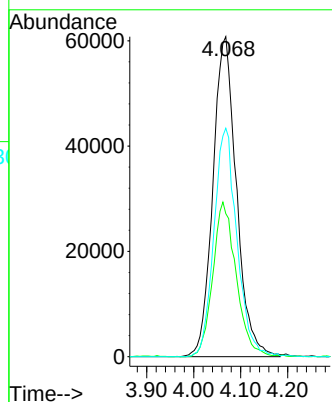
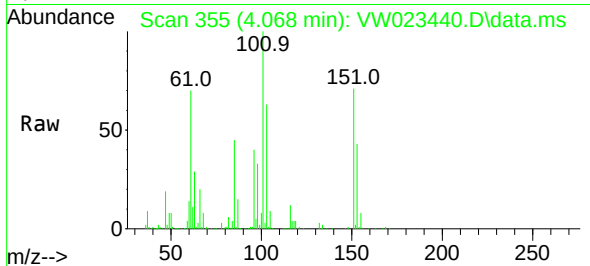




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.467 ug/L
RT: 4.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

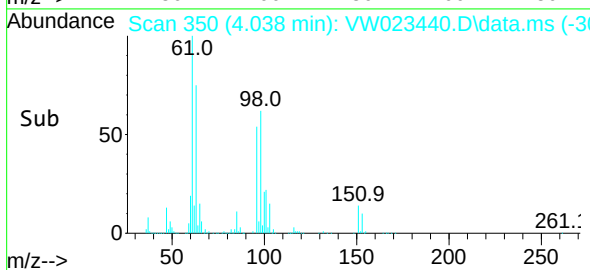
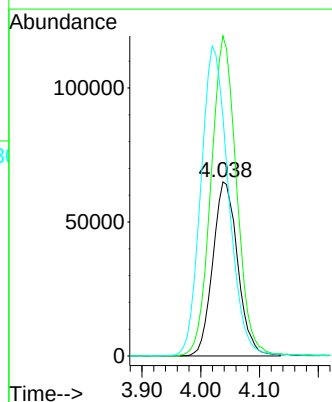
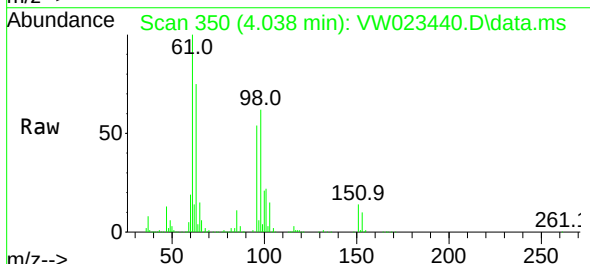
Instrument :
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ClientSampleId :

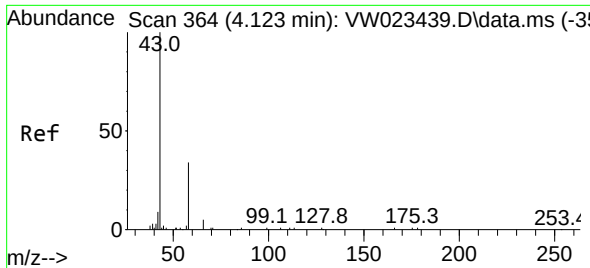
Tgt Ion:101 Resp: 211728
Ion Ratio Lower Upper
101 100
85 47.8 34.3 51.5
151 69.2 54.2 81.2



#12
1,1-Dichloroethene
Concen: 47.373 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 96 Resp: 191347
Ion Ratio Lower Upper
96 100
61 183.7 125.7 233.5
63 137.4 83.4 155.0

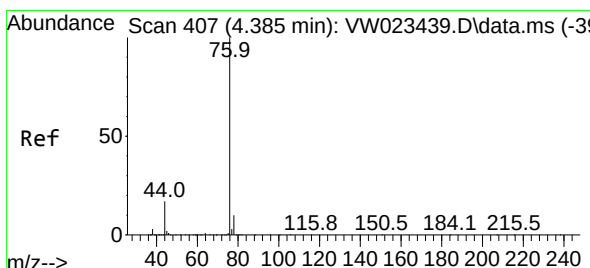
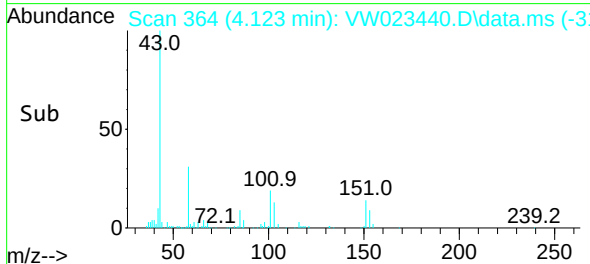
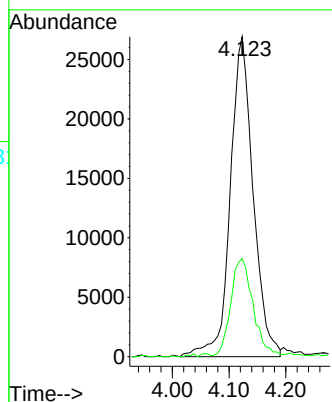
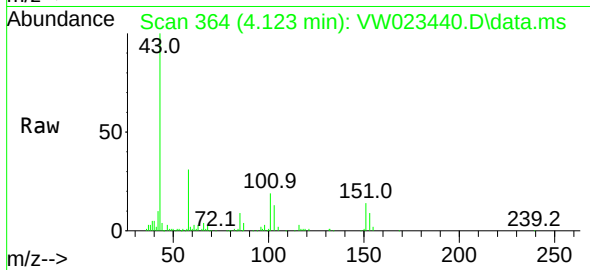




#13
Acetone
Concen: 95.413 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023440.D
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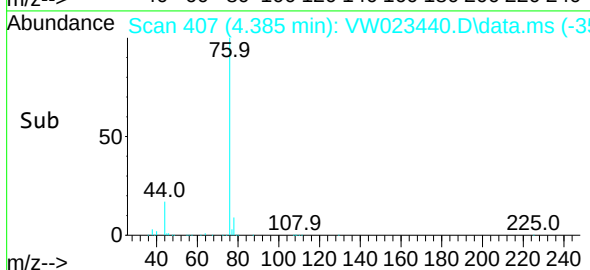
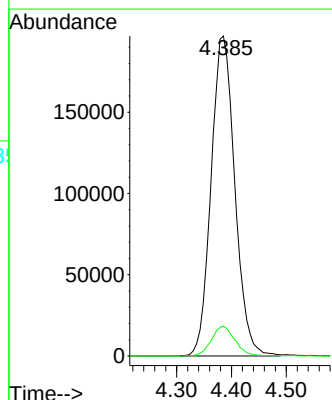
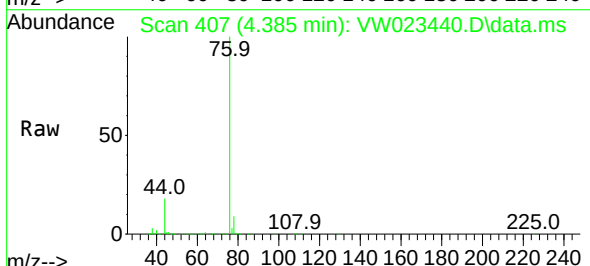
Instrument :
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ClientSampleId :

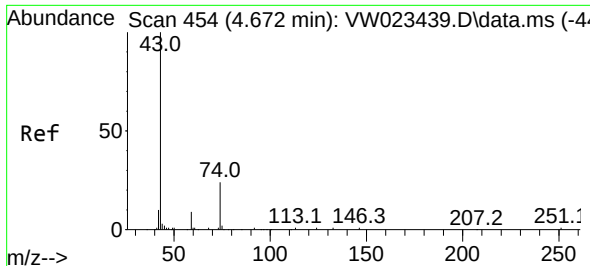
Tgt Ion: 43 Resp: 75576
Ion Ratio Lower Upper
43 100
58 29.3 0.0 64.0



#14
Carbon disulfide
Concen: 46.065 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 76 Resp: 591381
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

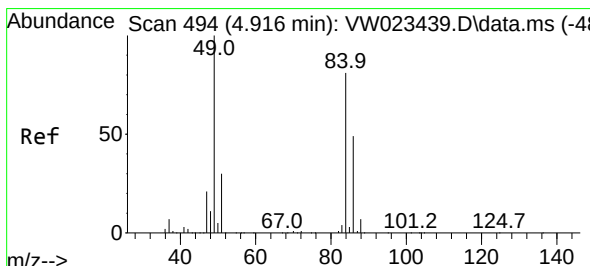
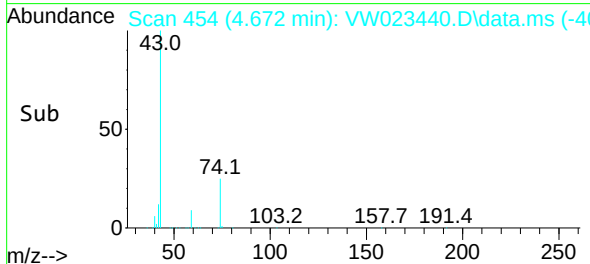
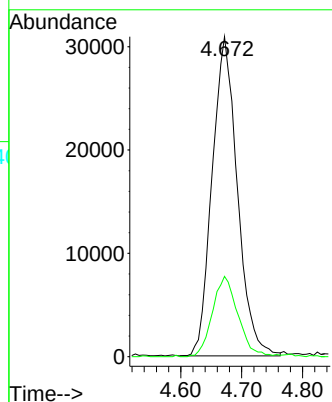
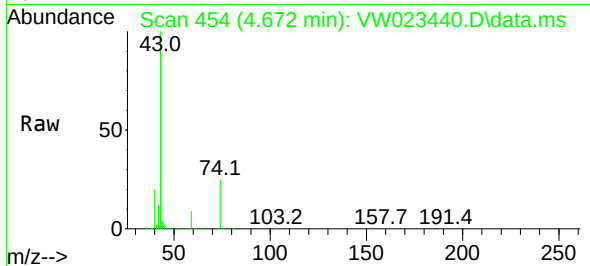




#15
Methyl Acetate
Concen: 50.247 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

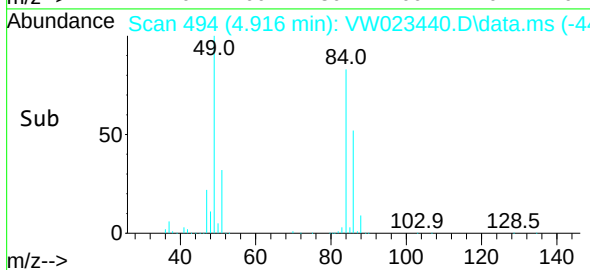
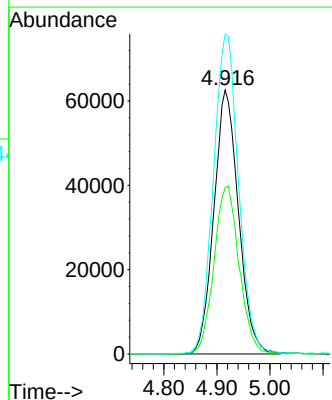
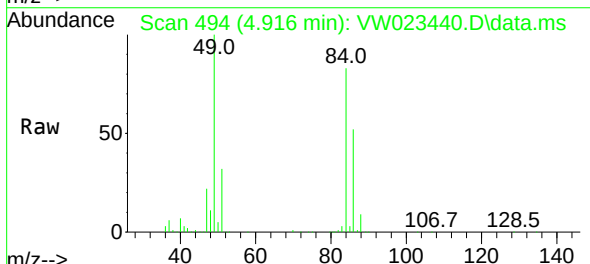
Instrument :
MSVOA_W
ClientSampleId :

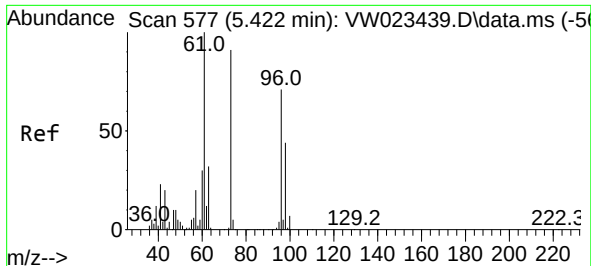
Tgt Ion: 43 Resp: 88942
Ion Ratio Lower Upper
43 100
74 25.4 21.9 32.9



#16
Methylene chloride
Concen: 39.300 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

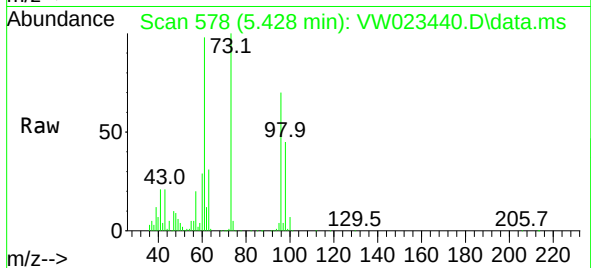
Tgt Ion: 84 Resp: 201617
Ion Ratio Lower Upper
84 100
86 63.0 45.4 84.4
49 121.2 82.5 153.1



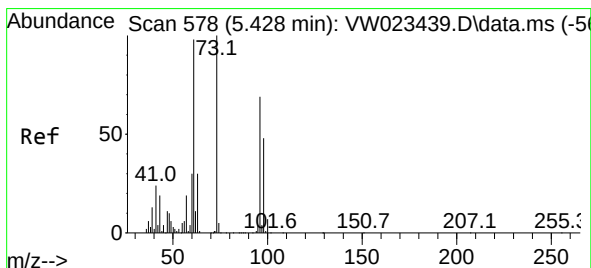
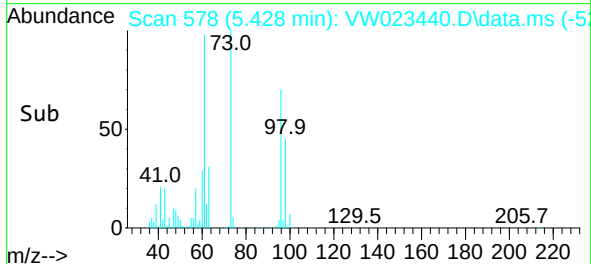
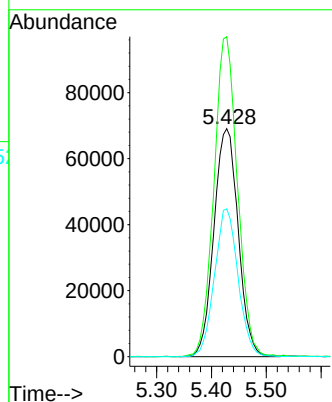


#17
trans-1,2-Dichloroethene
Concen: 44.271 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Instrument :
MSVOA_W
ClientSampleId :

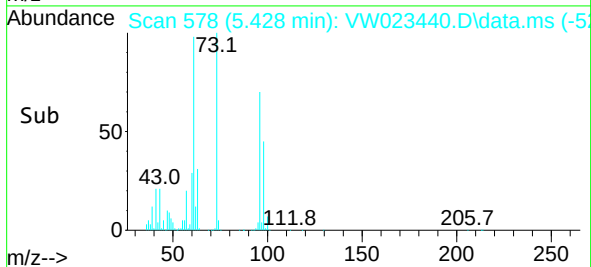
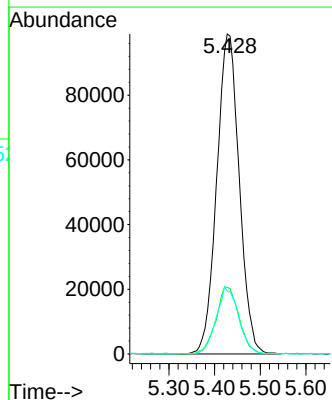
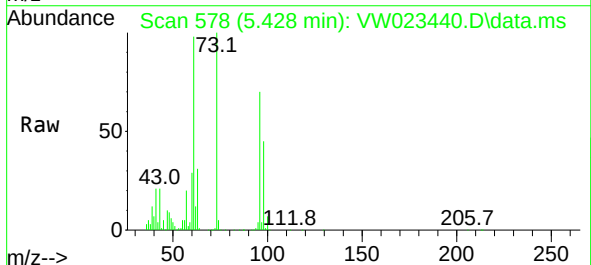


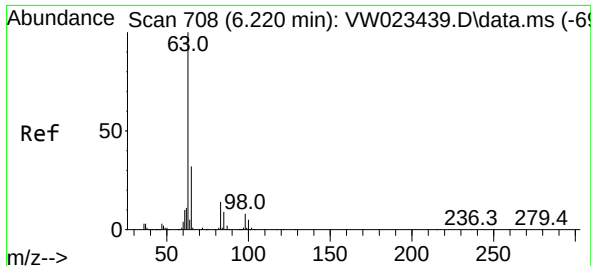
Tgt Ion: 96 Resp: 212421
Ion Ratio Lower Upper
96 100
61 140.3 92.2 171.2
98 64.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 48.031 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 73 Resp: 338436
Ion Ratio Lower Upper
73 100
43 21.4 15.9 23.9
57 20.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 46.222 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

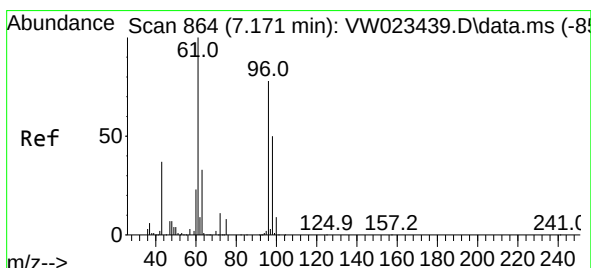
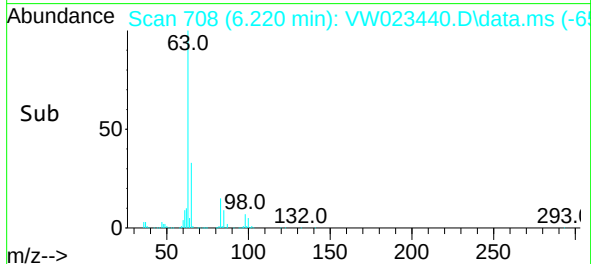
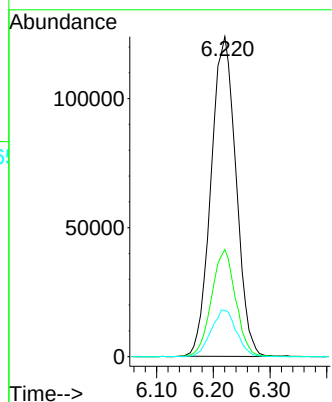
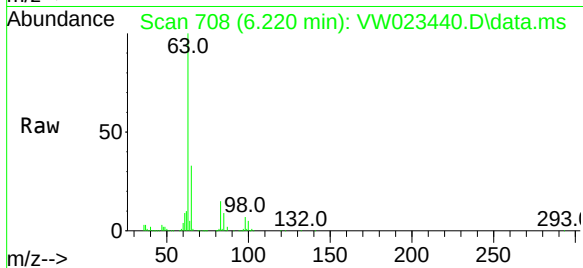
Tgt Ion: 63 Resp: 378865

Ion Ratio Lower Upper

63 100

65 33.4 23.3 43.3

83 14.5 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 47.380 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

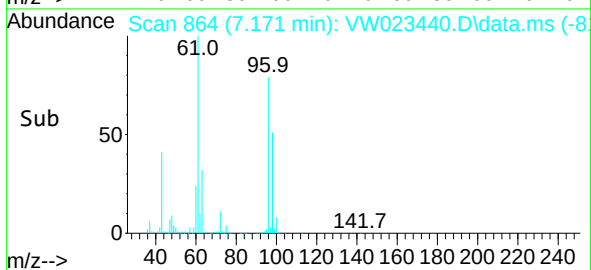
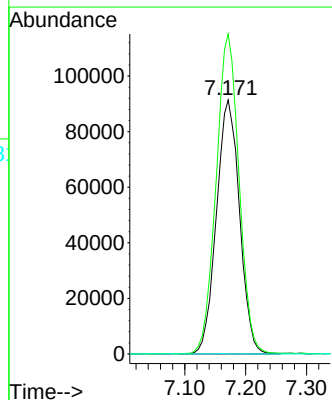
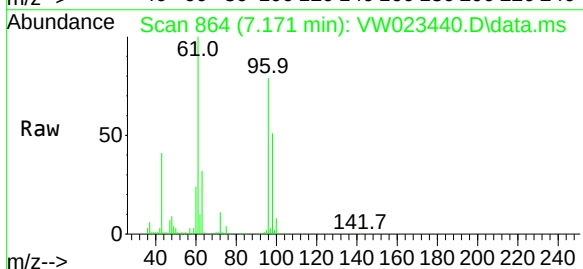
Tgt Ion: 96 Resp: 240982

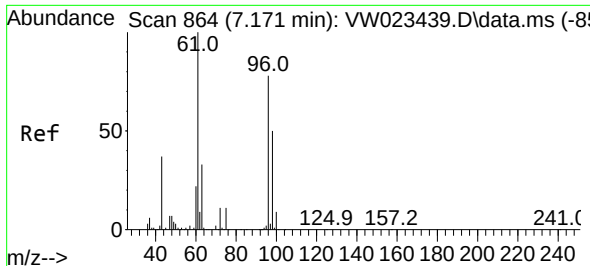
Ion Ratio Lower Upper

96 100

61 125.9 84.2 156.4

68 0.1 0.1 0.1#

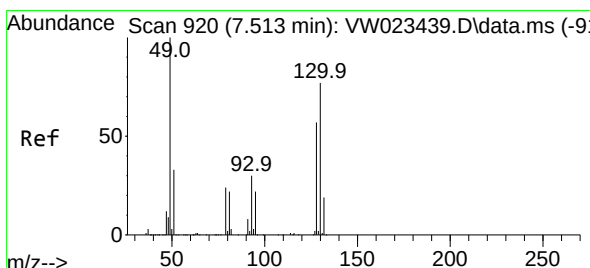
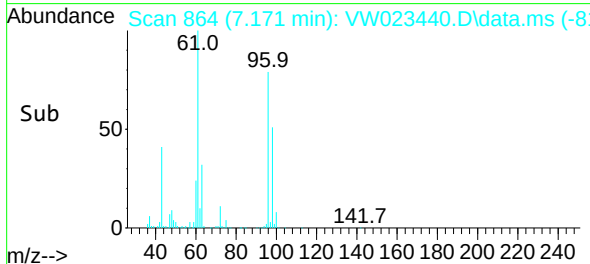
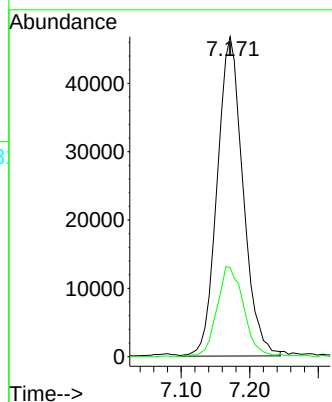
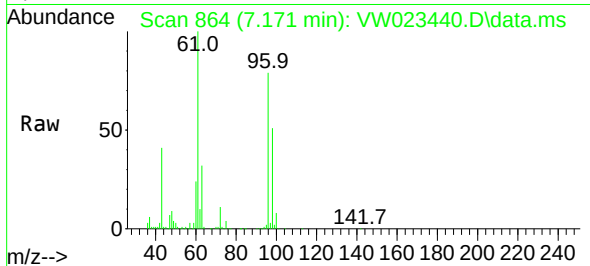




#22
2-Butanone
Concen: 103.607 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

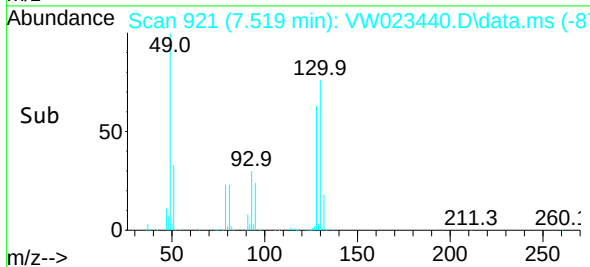
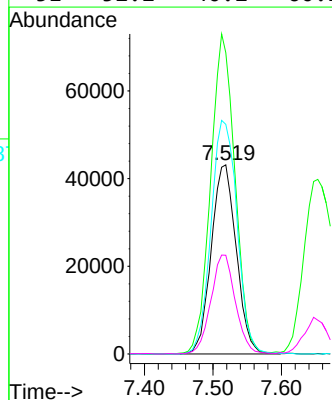
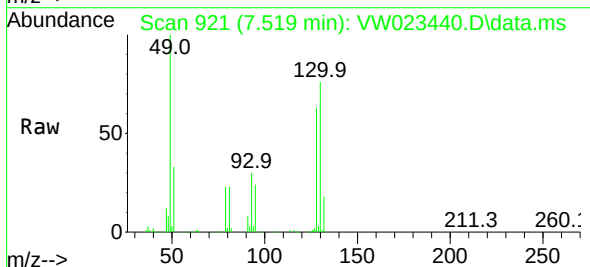
Instrument :
MSVOA_W
ClientSampleId :

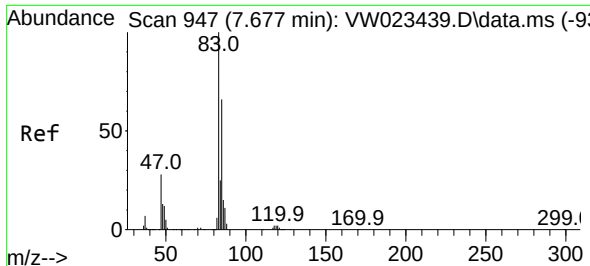
Tgt Ion: 43 Resp: 122224
Ion Ratio Lower Upper
43 100
72 29.0 15.1 45.3



#23
Bromochloromethane
Concen: 45.880 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 128 Resp: 109308
Ion Ratio Lower Upper
128 100
49 159.3 110.0 204.4
130 121.4 94.8 176.0
51 52.2 40.2 60.2

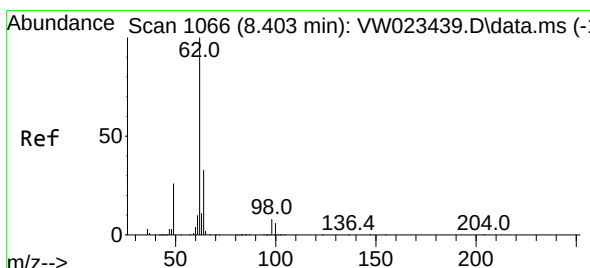
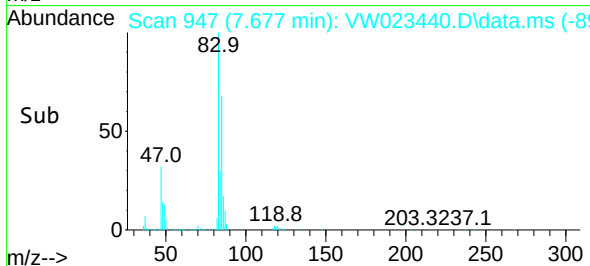
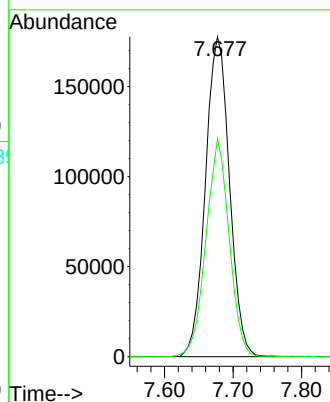
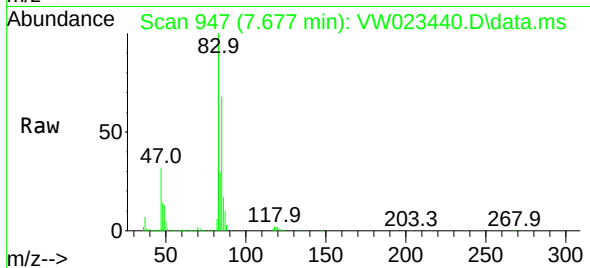




#25
Chloroform
Concen: 47.613 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

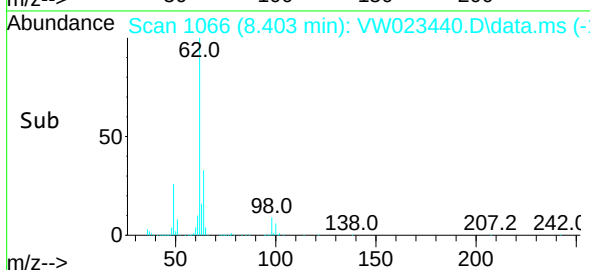
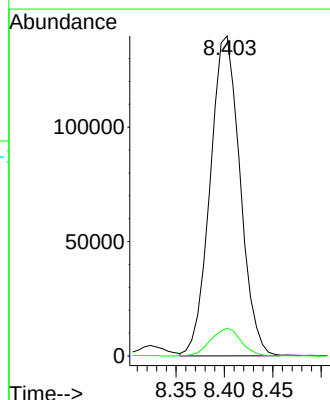
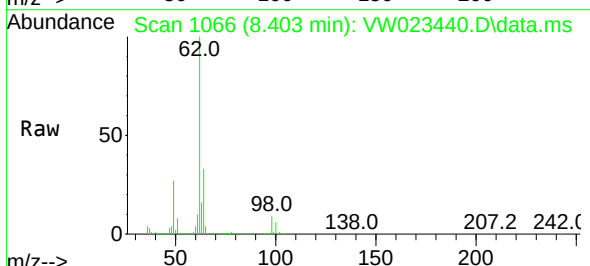
Instrument :
MSVOA_W
ClientSampleId :

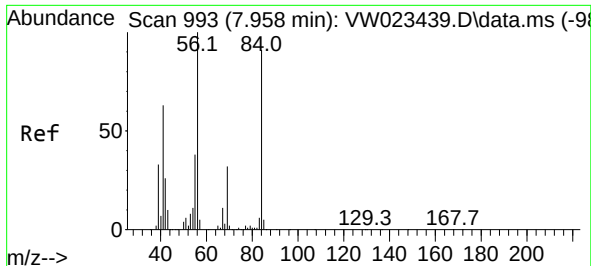
Tgt Ion: 83 Resp: 433278
Ion Ratio Lower Upper
83 100
85 68.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 51.794 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

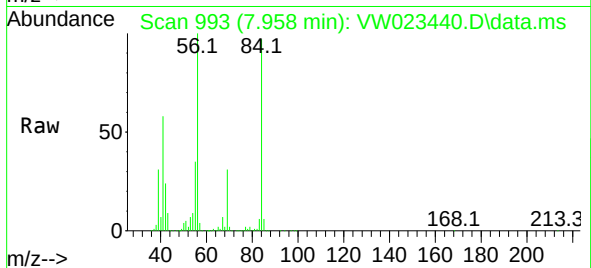
Tgt Ion: 62 Resp: 300794
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8



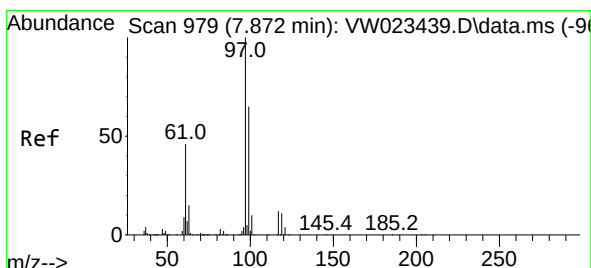
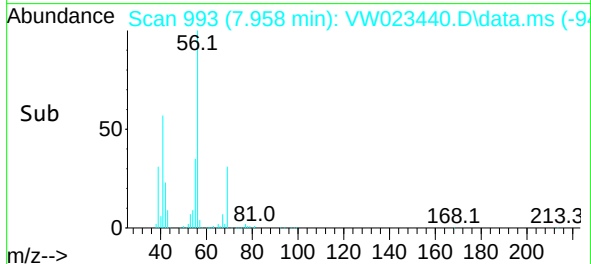
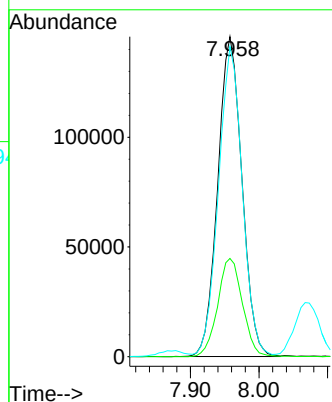


#29
Cyclohexane
Concen: 48.088 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Instrument :
MSVOA_W
ClientSampleId :

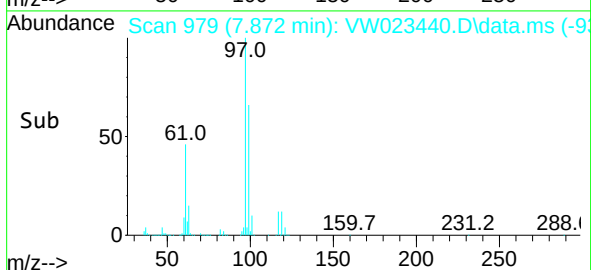
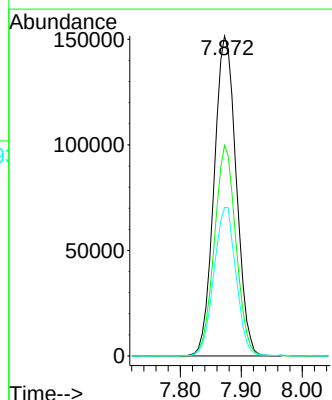
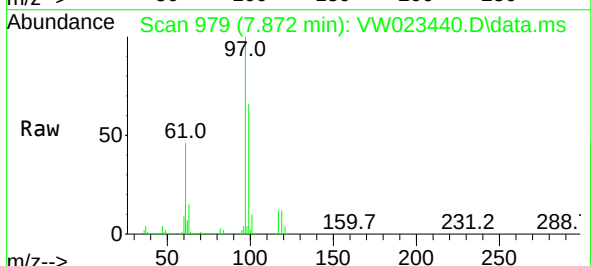


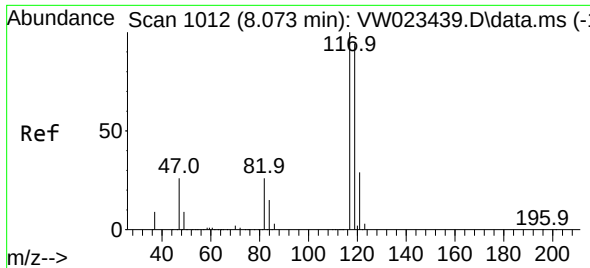
Tgt Ion: 56 Resp: 356641
Ion Ratio Lower Upper
56 100
69 31.5 25.6 38.4
84 95.8 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 46.118 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 97 Resp: 383147
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 46.5 34.8 52.2

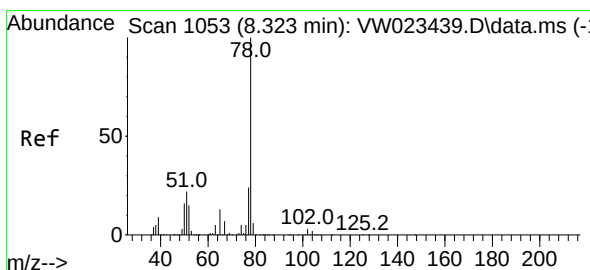
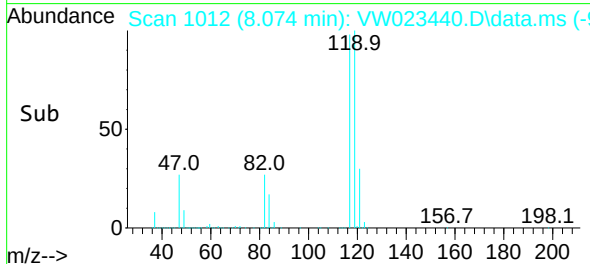
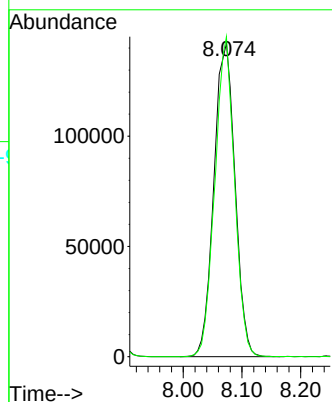
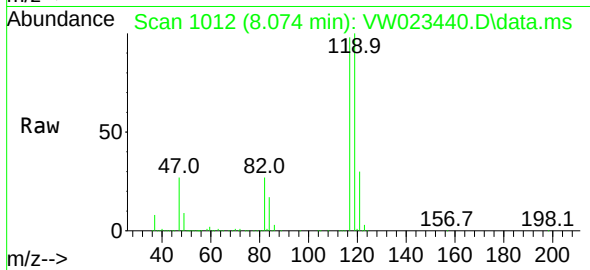




#31
Carbon tetrachloride
Concen: 46.586 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

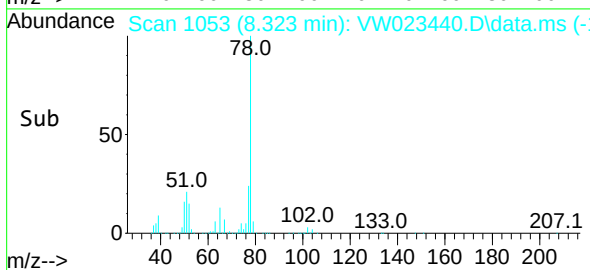
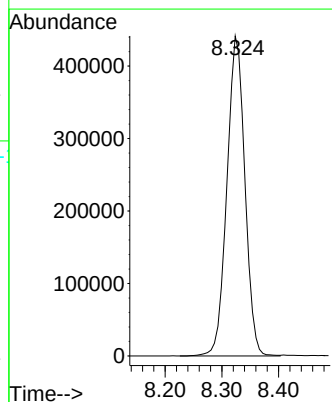
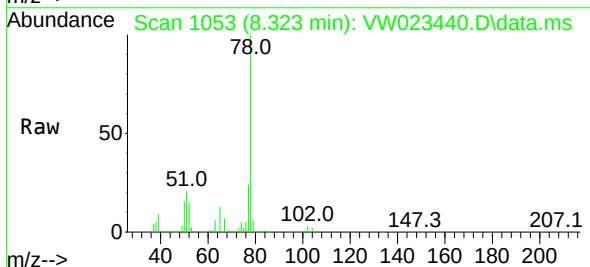
Instrument :
MSVOA_W
ClientSampleId :

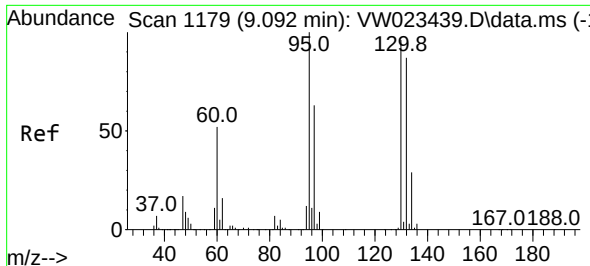
Tgt Ion:117 Resp: 354972
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0



#33
Benzene
Concen: 47.072 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

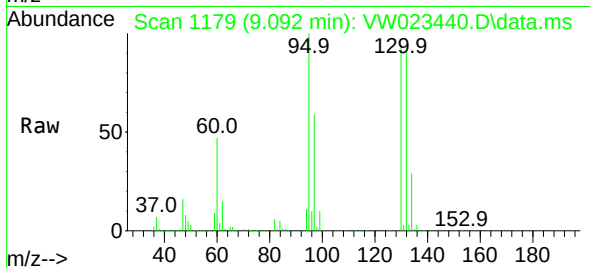
Tgt Ion: 78 Resp: 970366



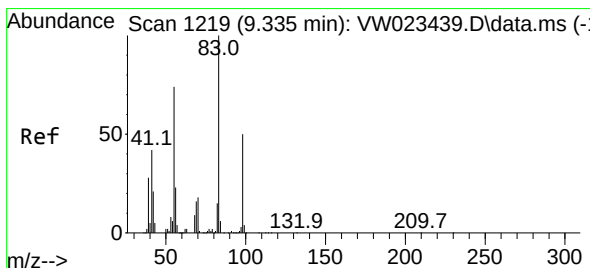
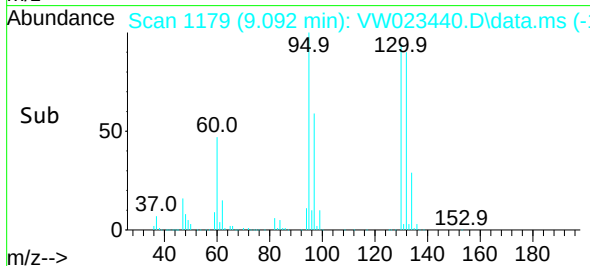
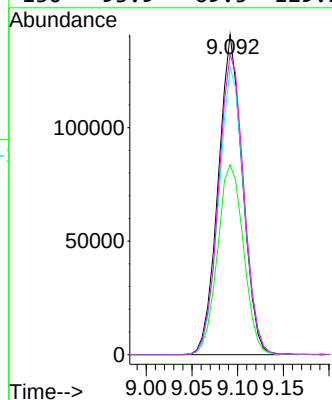


#34
Trichloroethene
Concen: 46.671 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Instrument :
MSVOA_W
ClientSampleId :

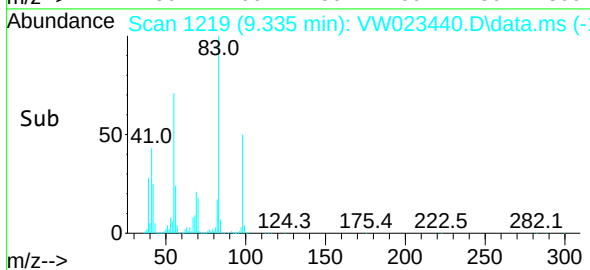
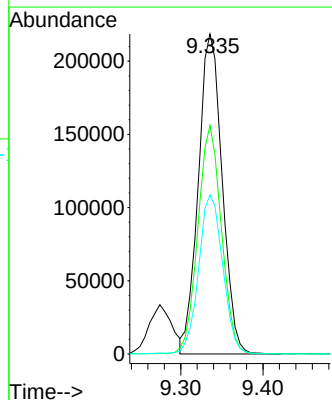
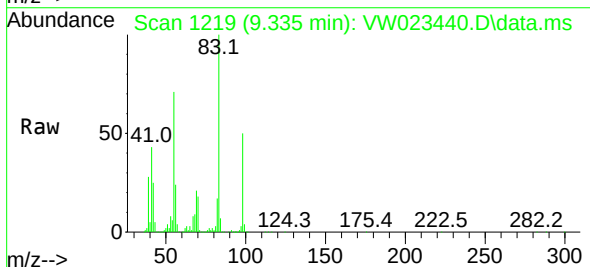


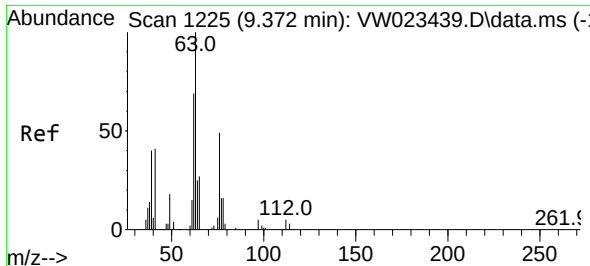
Tgt Ion: 95 Resp: 260629
Ion Ratio Lower Upper
95 100
97 59.3 46.1 85.7
132 89.7 66.9 124.3
130 93.9 69.5 129.1



#35
Methylcyclohexane
Concen: 48.057 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 83 Resp: 440618
Ion Ratio Lower Upper
83 100
55 70.3 55.1 82.7
98 50.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 48.129 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

Instrument :

MSVOA_W

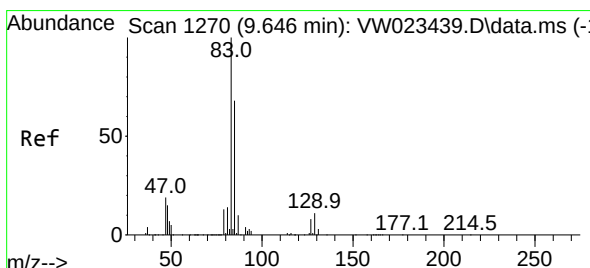
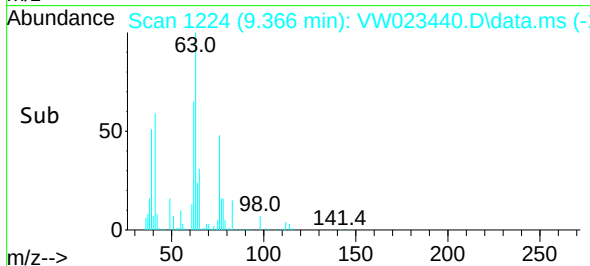
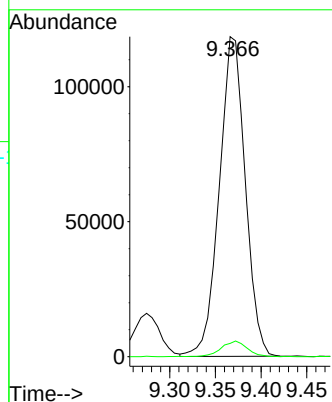
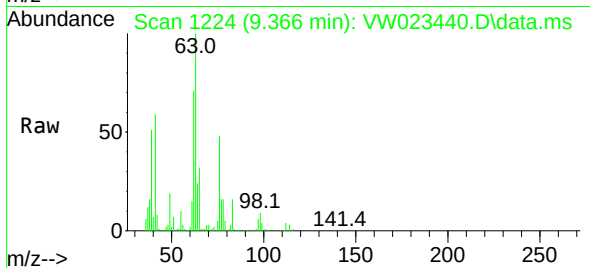
ClientSampleId :

Tgt Ion: 63 Resp: 234461

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 50.227 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

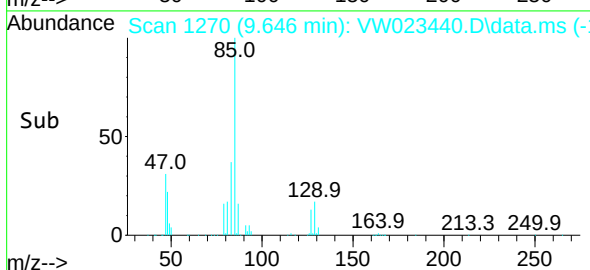
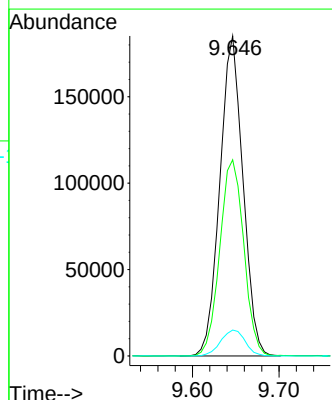
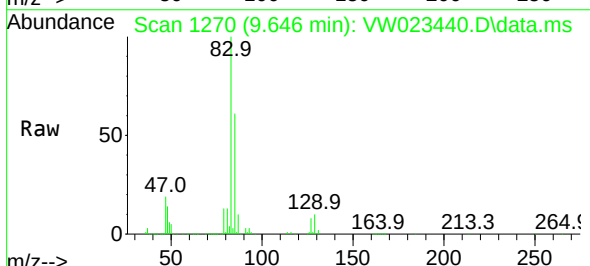
Tgt Ion: 83 Resp: 343038

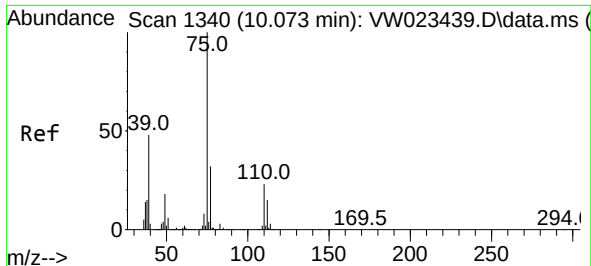
Ion Ratio Lower Upper

83 100

85 61.3 43.5 80.7

127 8.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 51.724 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

Instrument :

MSVOA_W

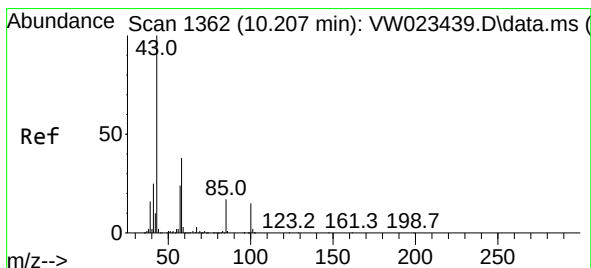
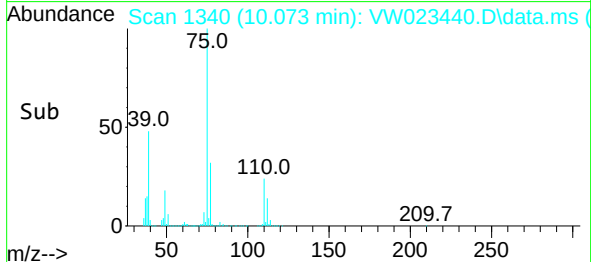
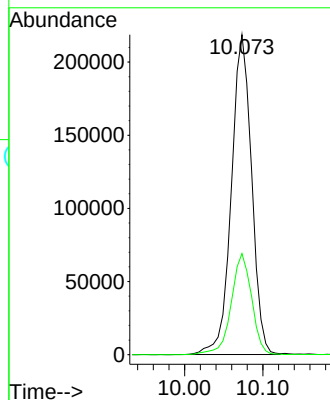
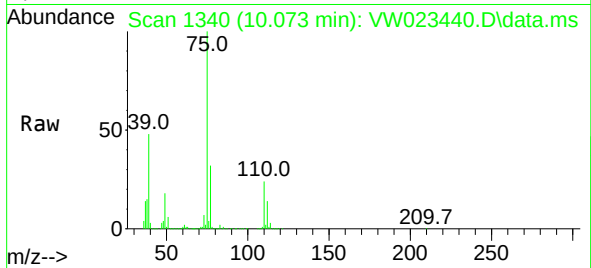
ClientSampleId :

Tgt Ion: 75 Resp: 391853

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 112.943 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

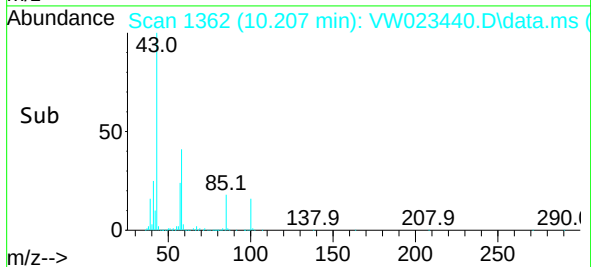
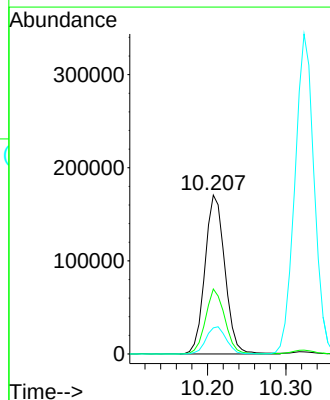
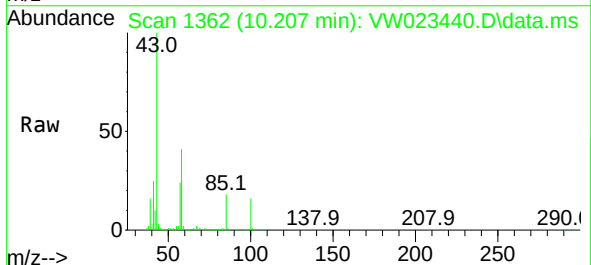
Tgt Ion: 43 Resp: 301760

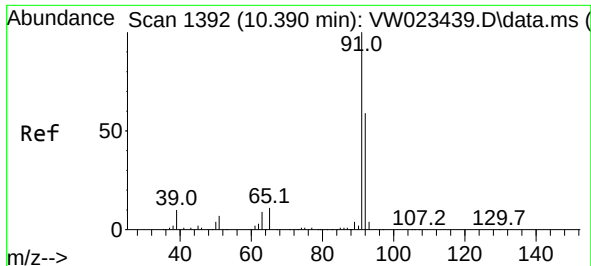
Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.2

100 17.3 14.2 21.4

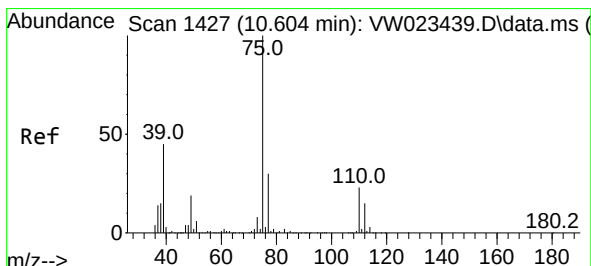
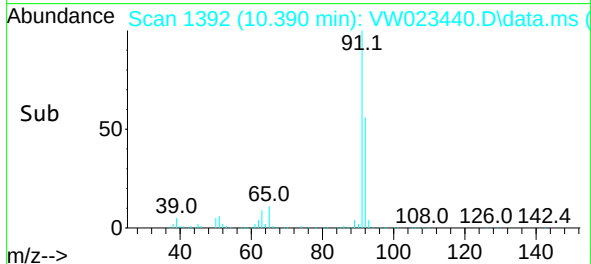
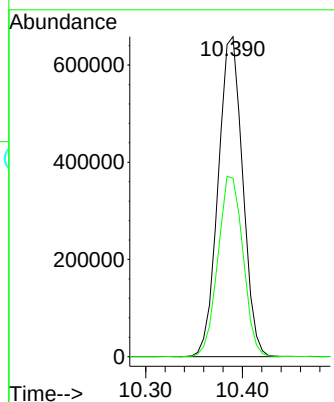
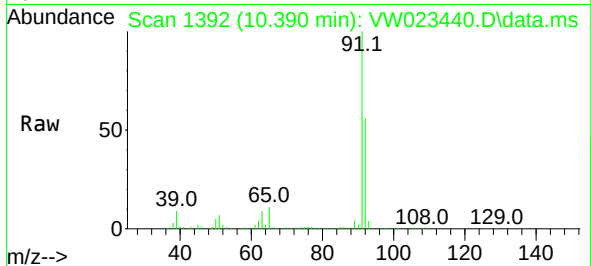




#42
Toluene
Concen: 49.929 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

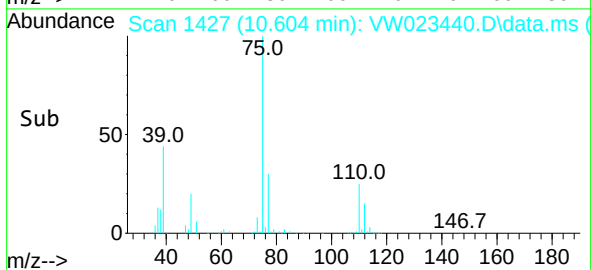
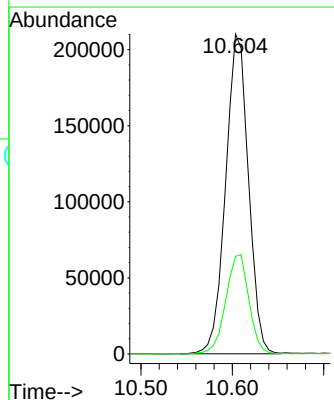
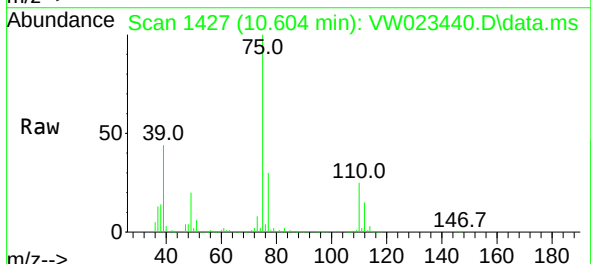
Instrument :
MSVOA_W
ClientSampleId :

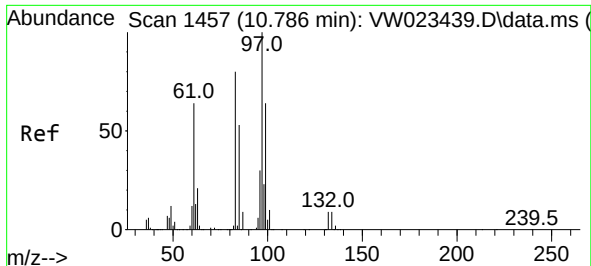
Tgt Ion: 91 Resp: 1159406
Ion Ratio Lower Upper
91 100
92 55.8 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 54.653 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 75 Resp: 364249
Ion Ratio Lower Upper
75 100
77 30.5 22.0 40.8

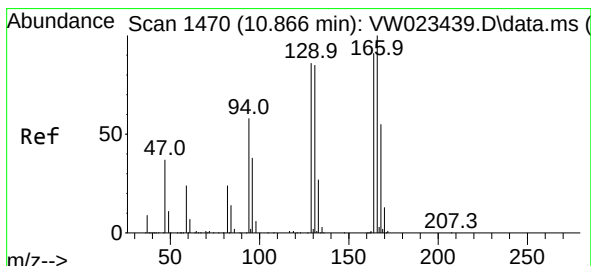
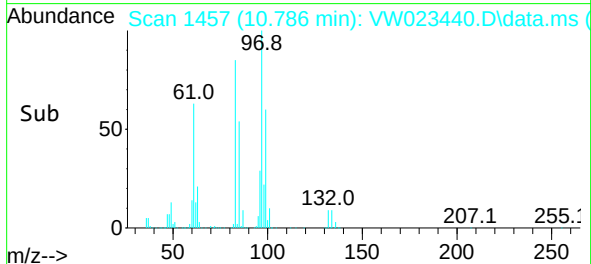
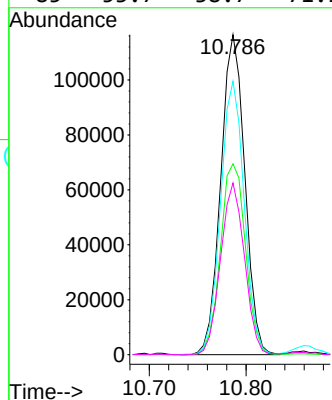
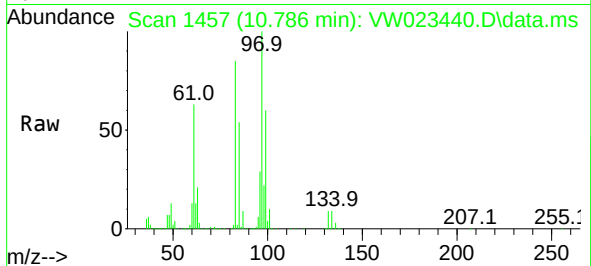




#45
1,1,2-Trichloroethane
Concen: 51.294 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

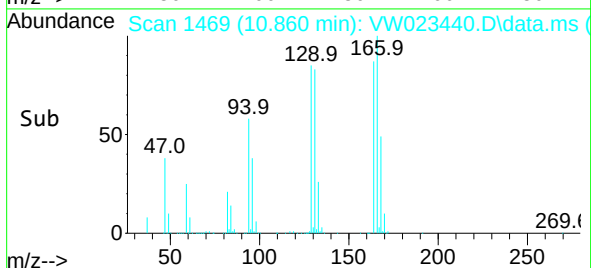
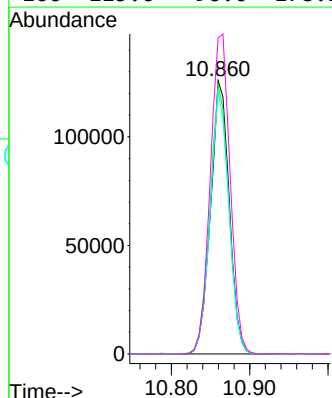
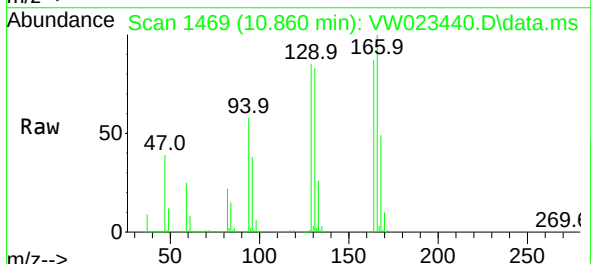
Instrument :
MSVOA_W
ClientSampleId :

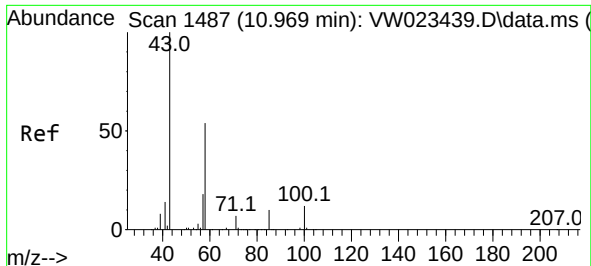
Tgt Ion:	97	Resp:	201227
Ion	Ratio	Lower	Upper
97	100		
99	59.7	44.7	82.9
83	85.4	58.4	108.4
85	53.7	38.7	71.9



#46
Tetrachloroethene
Concen: 47.304 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

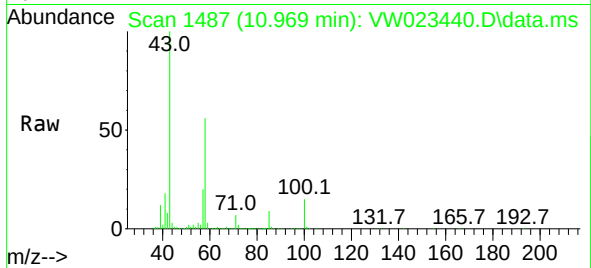
Tgt Ion:	164	Resp:	207935
Ion	Ratio	Lower	Upper
164	100		
129	98.6	76.9	142.7
131	95.9	75.1	139.5
166	115.6	96.0	178.2



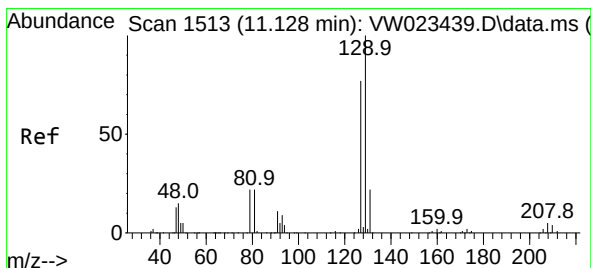
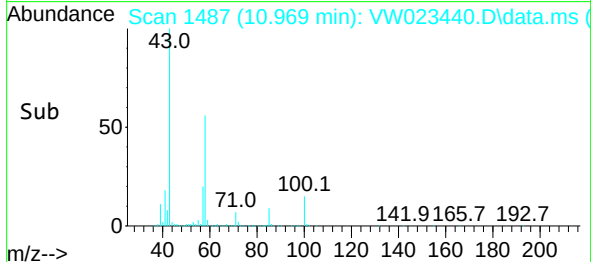
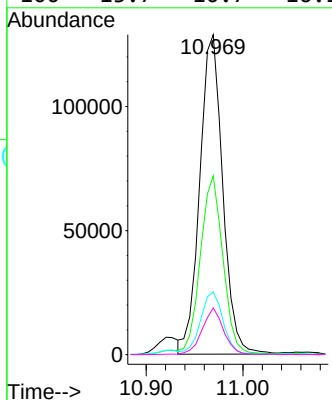


#48
2-Hexanone
Concen: 123.000 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Instrument :
MSVOA_W
ClientSampleId :

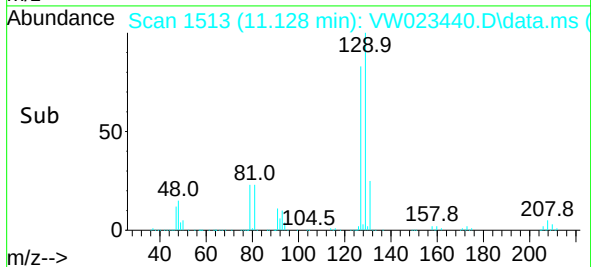
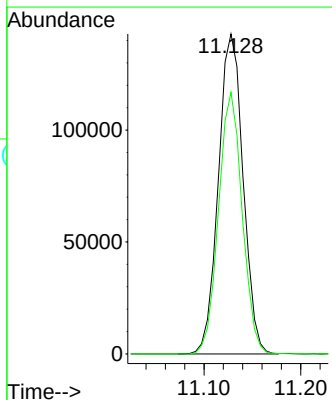
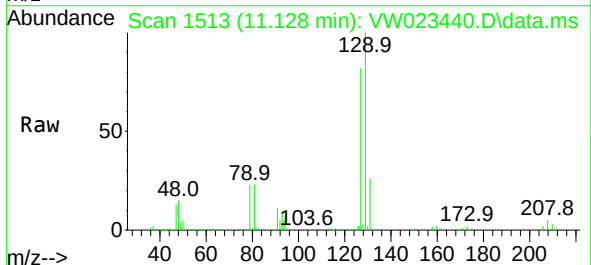


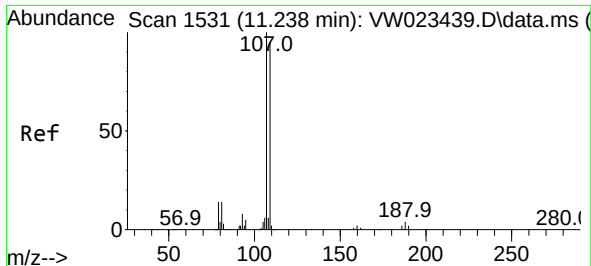
Tgt Ion: 43 Resp: 213018
Ion Ratio Lower Upper
43 100
58 55.2 45.9 68.9
57 19.6 16.2 24.2
100 13.7 10.7 16.1



#49
Dibromochloromethane
Concen: 53.214 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 129 Resp: 253341
Ion Ratio Lower Upper
129 100
127 81.7 53.8 100.0





#50

1,2-Dibromoethane

Concen: 51.773 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. -0.006 min

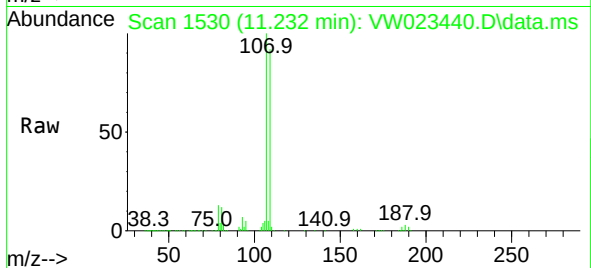
Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :



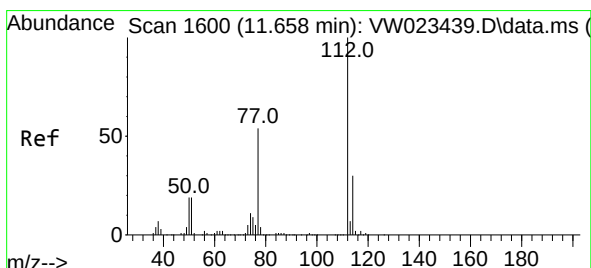
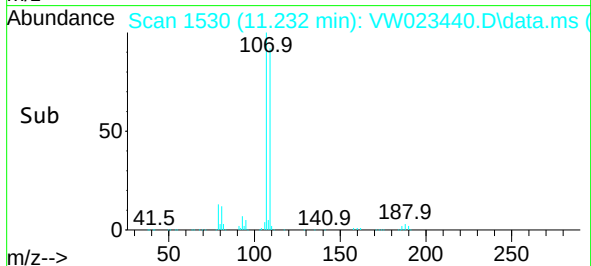
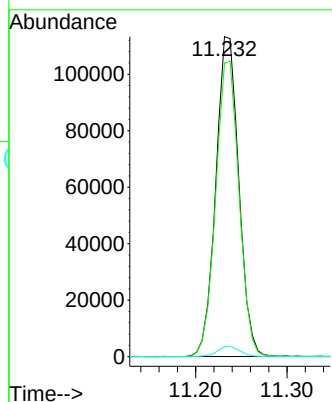
Tgt Ion:107 Resp: 197772

Ion Ratio Lower Upper

107 100

109 91.7 67.5 125.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 50.437 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

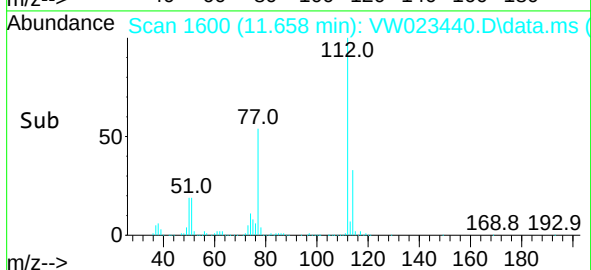
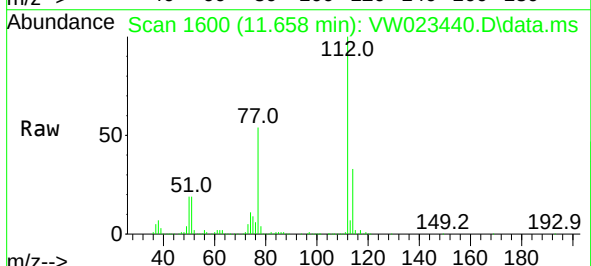
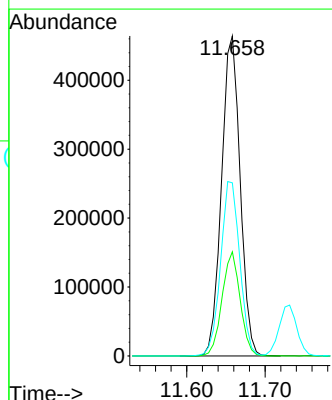
Tgt Ion:112 Resp: 767514

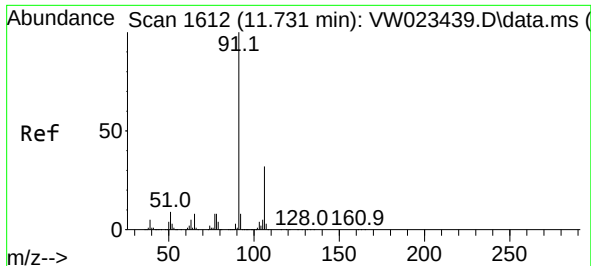
Ion Ratio Lower Upper

112 100

114 32.6 22.0 41.0

77 54.1 42.6 63.8

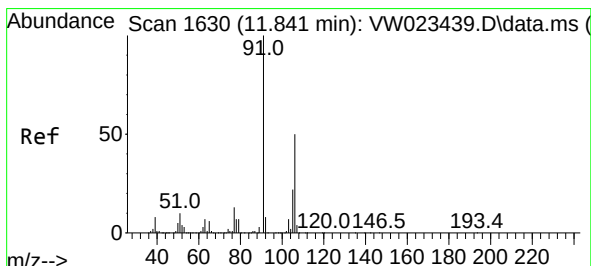
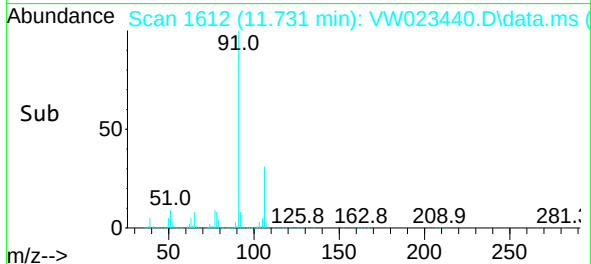
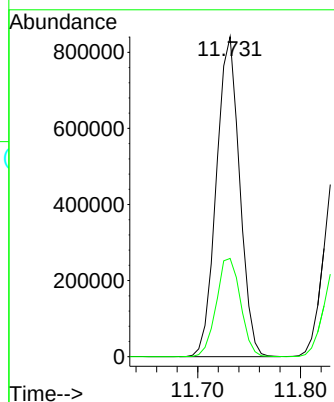
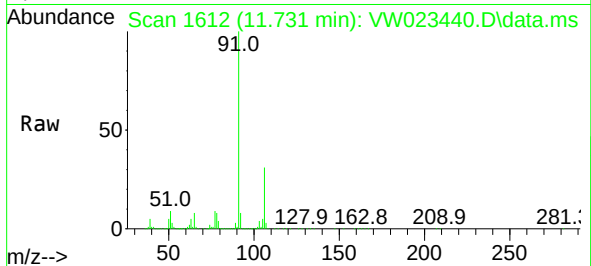




#52
Ethylbenzene
Concen: 51.493 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

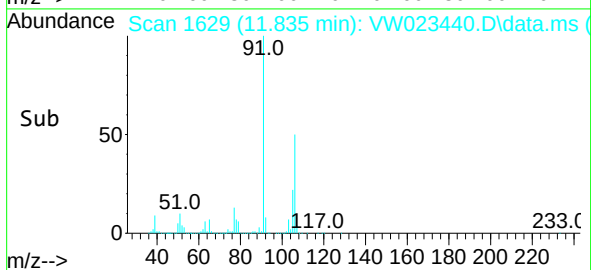
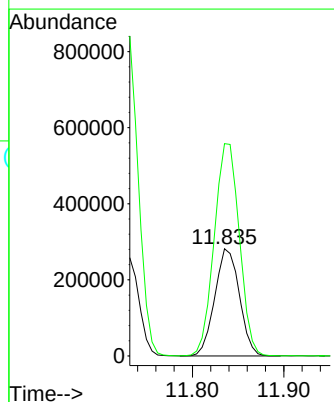
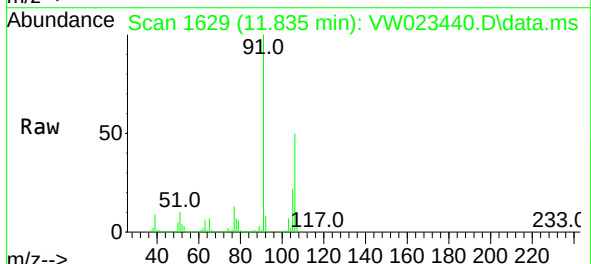
Instrument :
MSVOA_W
ClientSampleId :

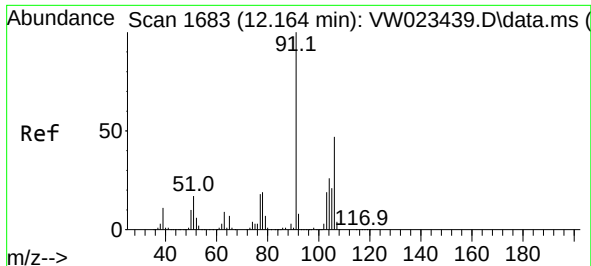
Tgt Ion: 91 Resp: 1319851
Ion Ratio Lower Upper
91 100
106 30.7 22.3 41.3



#53
m,p-Xylene
Concen: 53.215 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 106 Resp: 528153
Ion Ratio Lower Upper
106 100
91 198.0 136.8 254.0

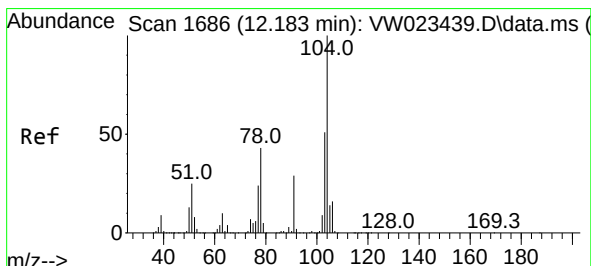
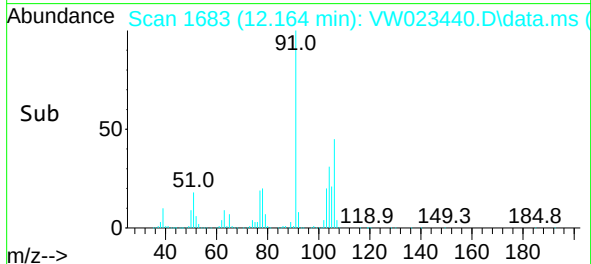
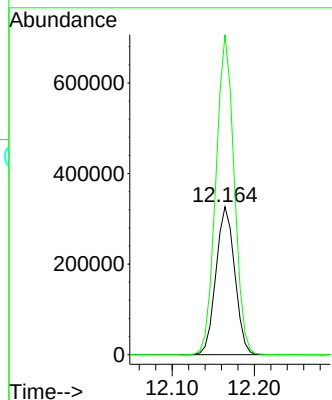
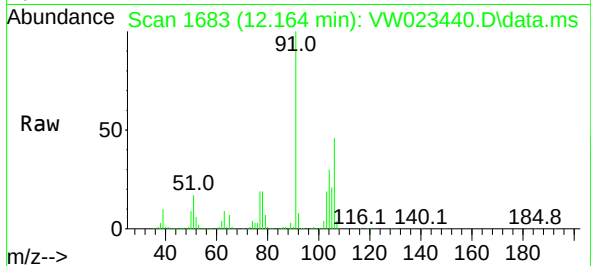




#54
o-Xylene
Concen: 54.293 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

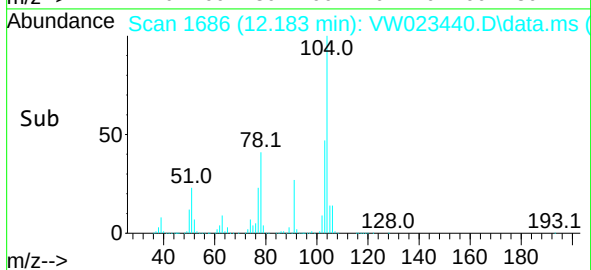
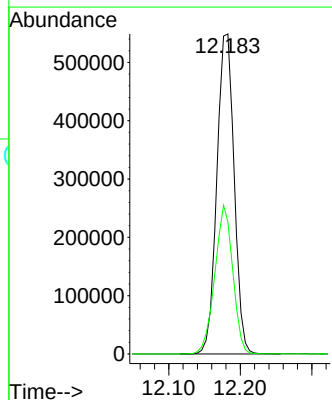
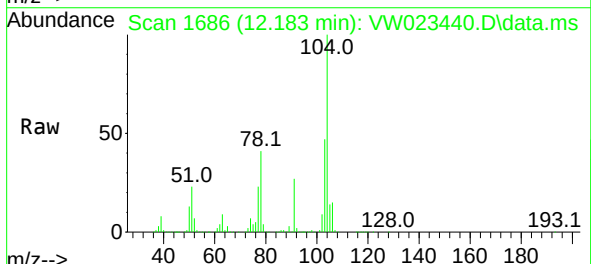
Instrument :
MSVOA_W
ClientSampleId :

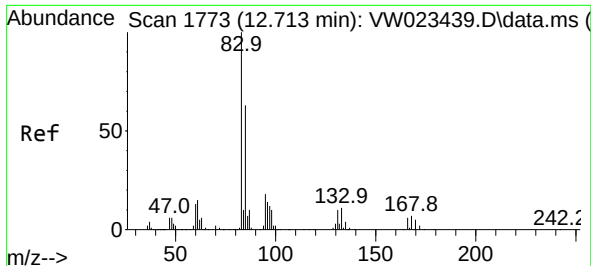
Tgt Ion:106 Resp: 518833
Ion Ratio Lower Upper
106 100
91 216.4 147.2 273.4



#55
Styrene
Concen: 55.959 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion:104 Resp: 923224
Ion Ratio Lower Upper
104 100
78 41.3 32.3 59.9

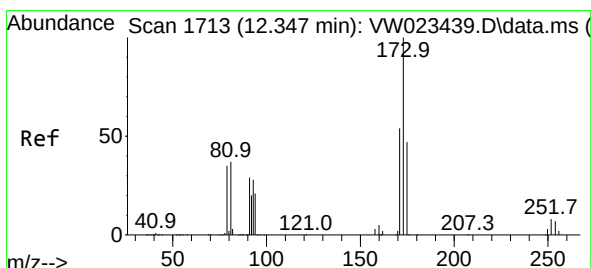
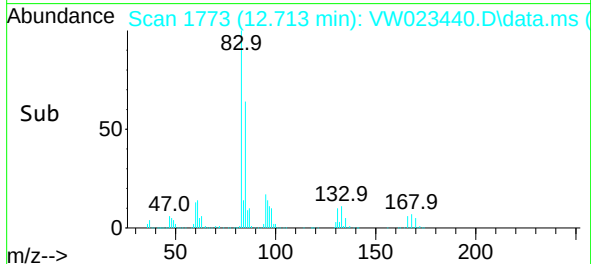
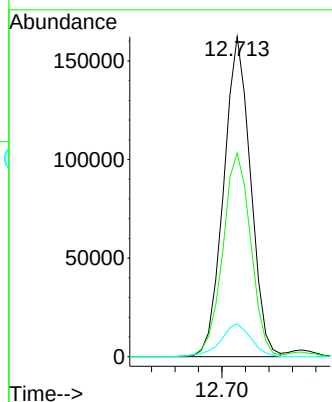
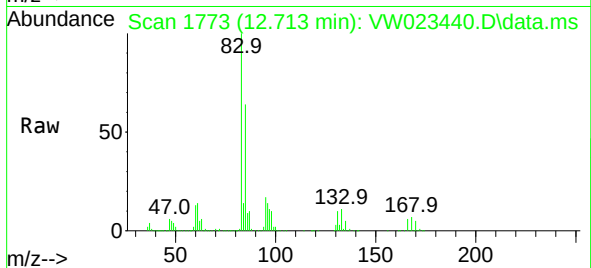




#57
1,1,2,2-Tetrachloroethane
Concen: 53.923 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

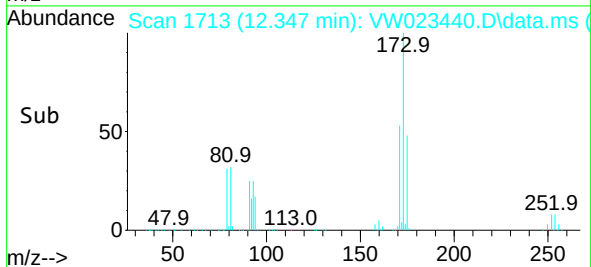
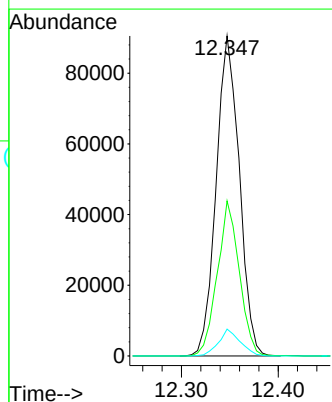
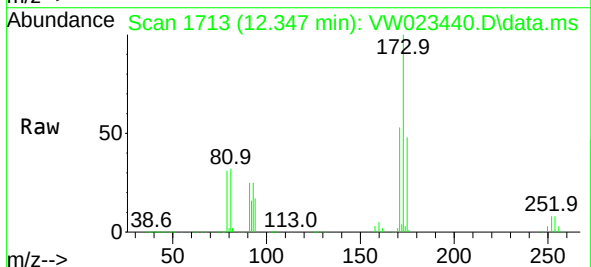
Instrument :
MSVOA_W
ClientSampleId :

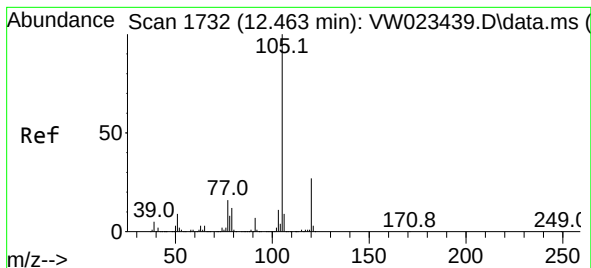
Tgt Ion: 83 Resp: 257901
Ion Ratio Lower Upper
83 100
85 63.6 47.5 88.1
131 10.3 8.7 13.1



#59
Bromoform
Concen: 56.468 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 173 Resp: 150296
Ion Ratio Lower Upper
173 100
175 46.1 38.1 57.1
254 7.9 6.5 9.7

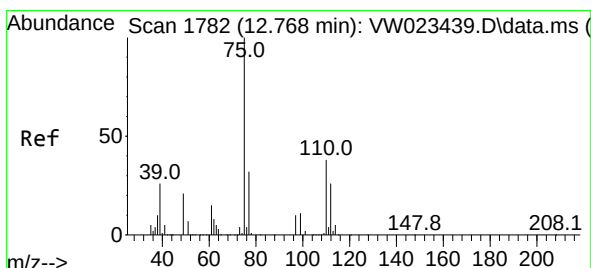
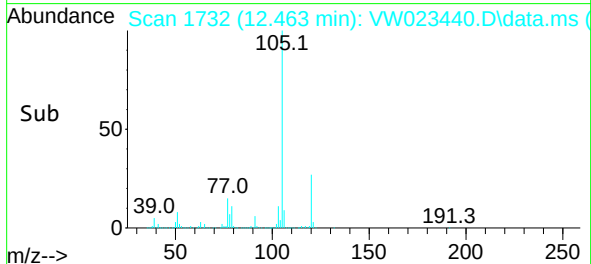
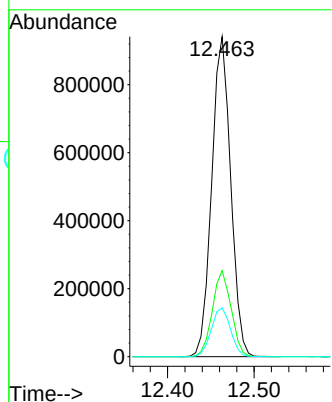
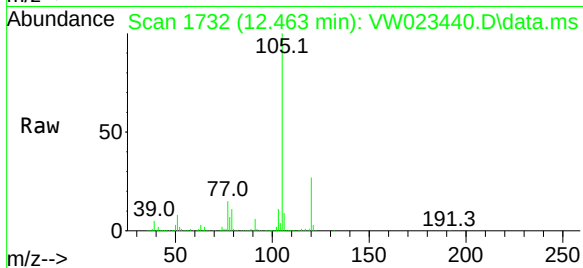




#60
Isopropylbenzene
Concen: 52.127 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

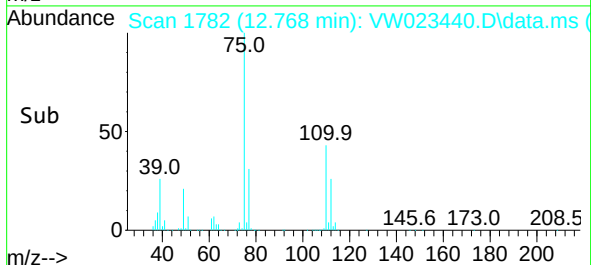
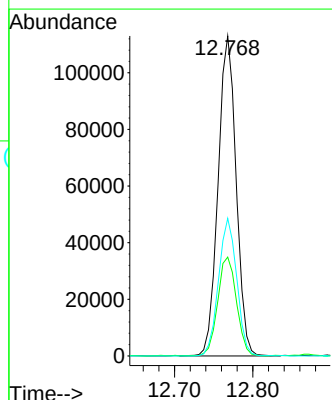
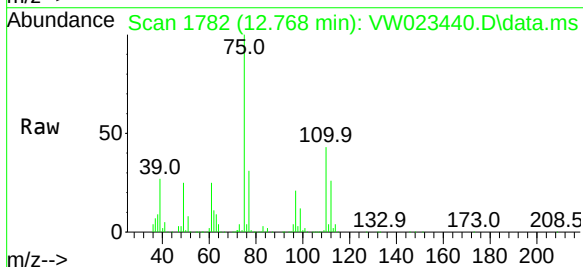
Instrument :
MSVOA_W
ClientSampleId :

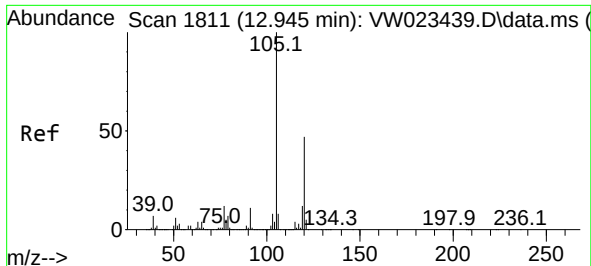
Tgt Ion:105 Resp: 1432916
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 50.858 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion: 75 Resp: 181485
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 43.2 34.1 51.1

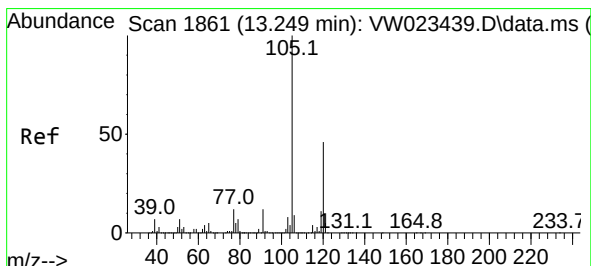
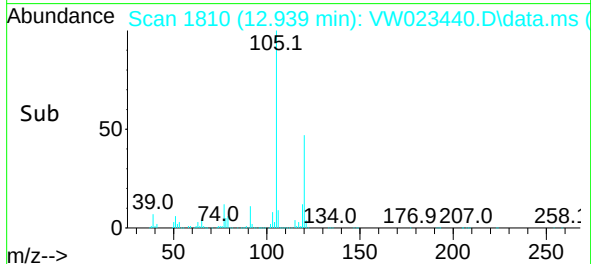
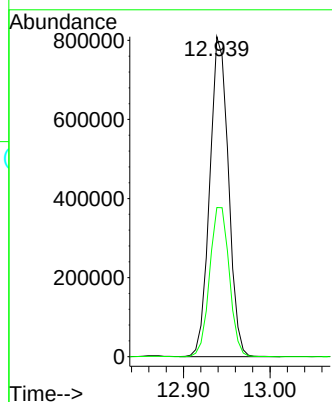
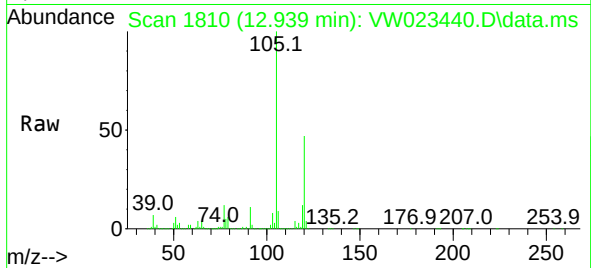




#62
1,3,5-Trimethylbenzene
Concen: 53.064 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

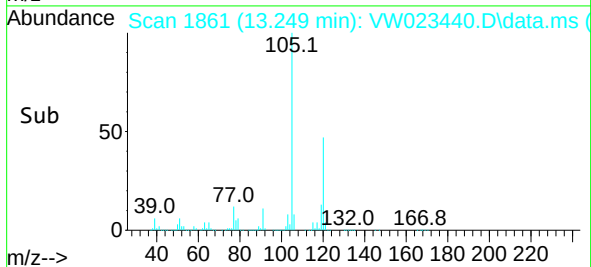
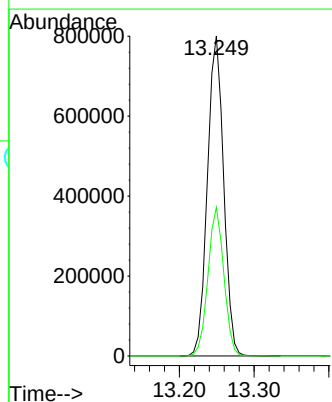
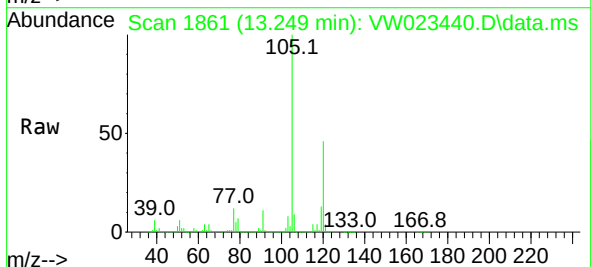
Instrument :
MSVOA_W
ClientSampleId :

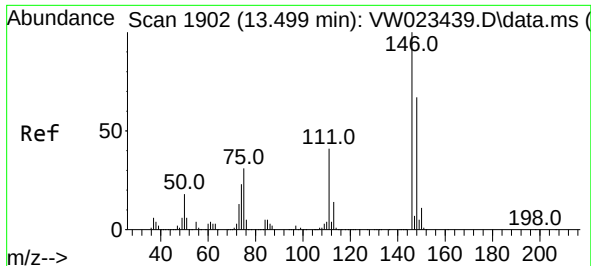
Tgt Ion:105 Resp: 1213007
Ion Ratio Lower Upper
105 100
120 48.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 53.298 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion:105 Resp: 1204658
Ion Ratio Lower Upper
105 100
120 45.4 37.4 56.2

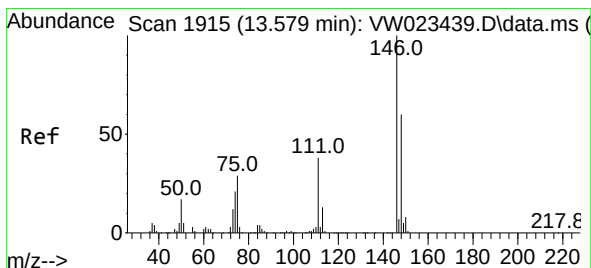
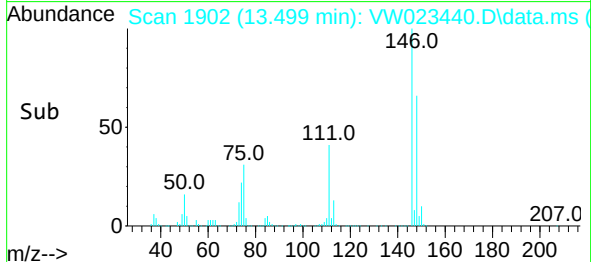
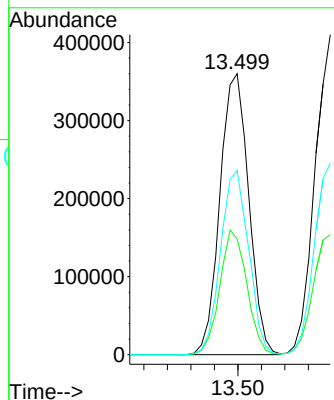
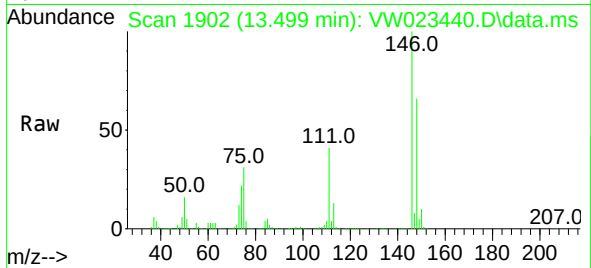




#64
 1,3-Dichlorobenzene
 Concen: 49.487 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW023440.D
 Acq: 10 Jun 2022 11:11

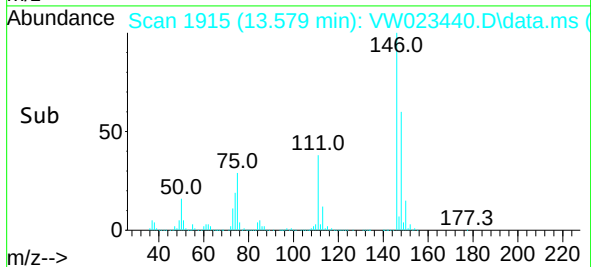
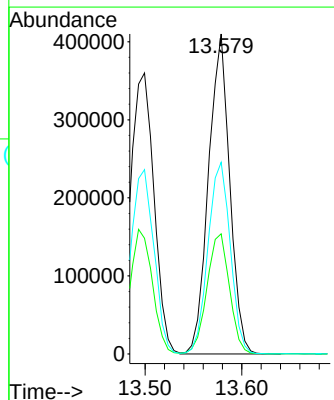
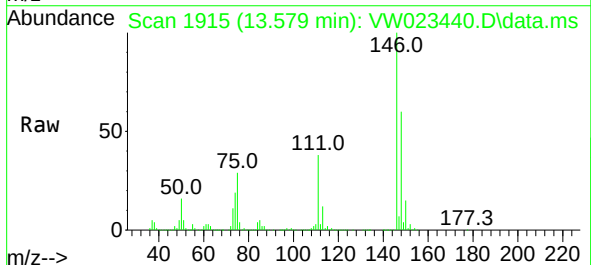
Instrument :
 MSVOA_W
 ClientSampleId :

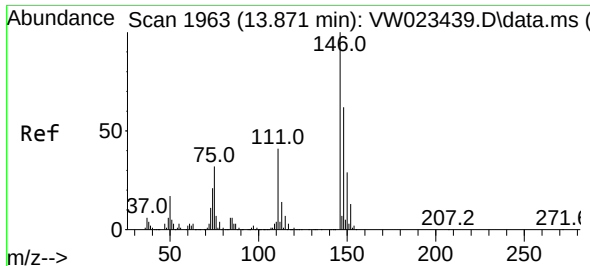
Tgt Ion:146 Resp: 613871
 Ion Ratio Lower Upper
 146 100
 111 41.2 29.5 54.9
 148 65.6 48.6 90.2



#65
 1,4-Dichlorobenzene
 Concen: 49.098 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW023440.D
 Acq: 10 Jun 2022 11:11

Tgt Ion:146 Resp: 626067
 Ion Ratio Lower Upper
 146 100
 111 37.6 27.2 50.4
 148 59.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 50.798 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

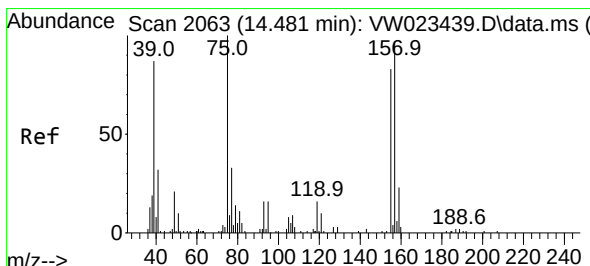
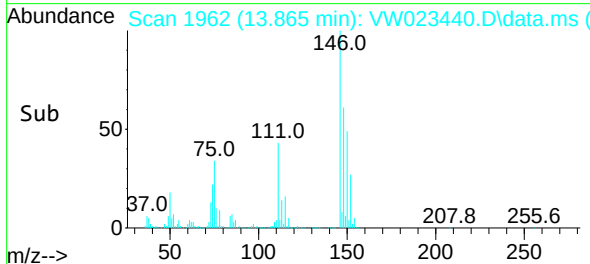
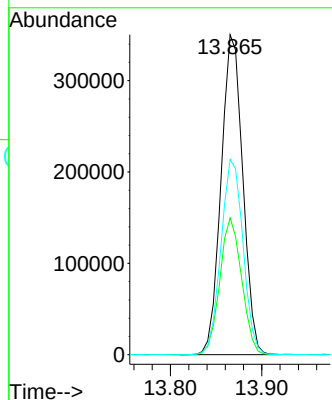
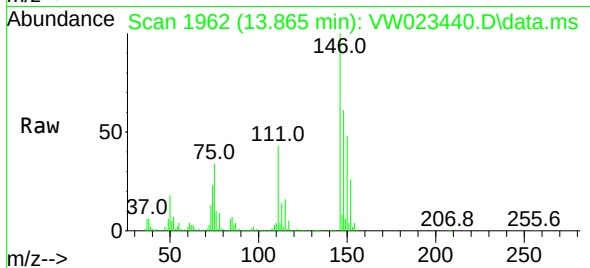
Tgt Ion:146 Resp: 577692

Ion Ratio Lower Upper

146 100

111 42.7 35.7 53.5

148 61.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 54.333 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

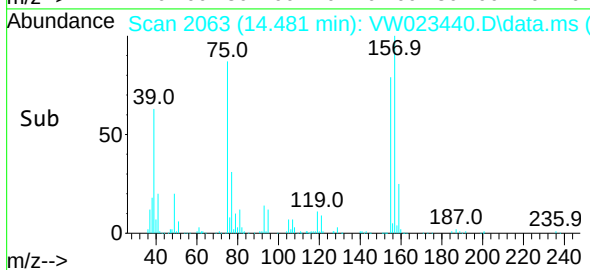
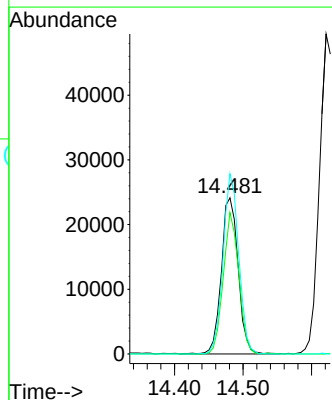
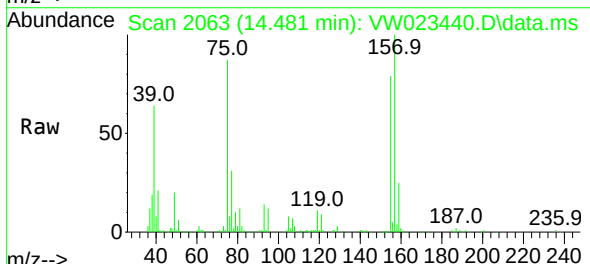
Tgt Ion: 75 Resp: 41119

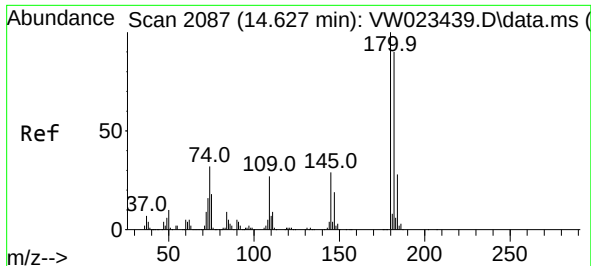
Ion Ratio Lower Upper

75 100

155 90.5 59.3 88.9#

157 115.3 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 48.759 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

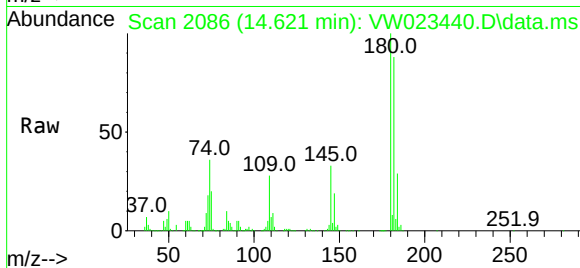
Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 402006

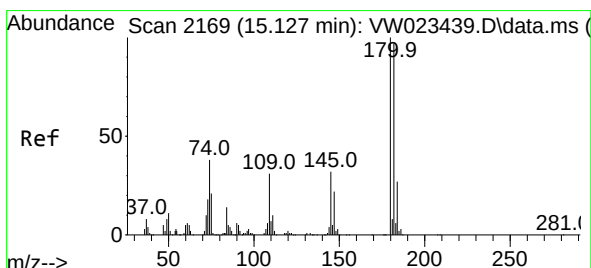
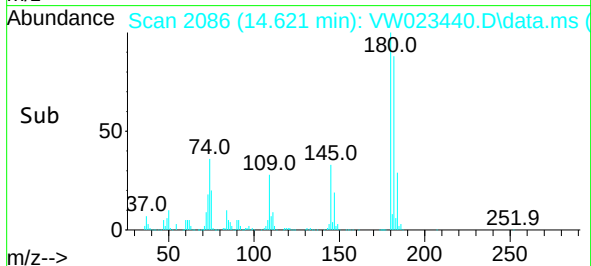
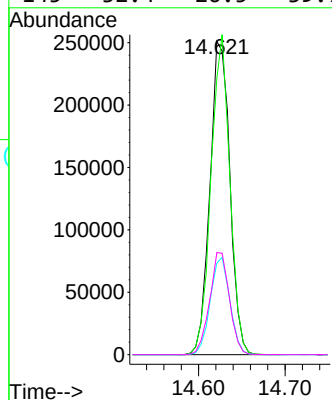
Ion Ratio Lower Upper

180 100

182 96.4 74.8 112.2

184 30.5 23.4 35.2

145 32.4 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 52.669 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023440.D

Acq: 10 Jun 2022 11:11

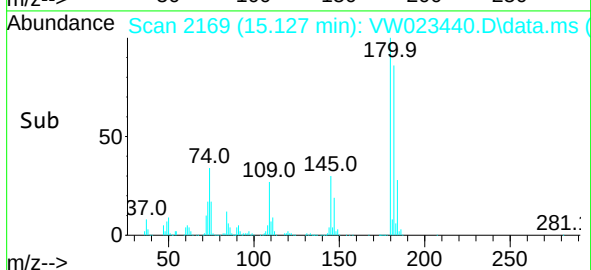
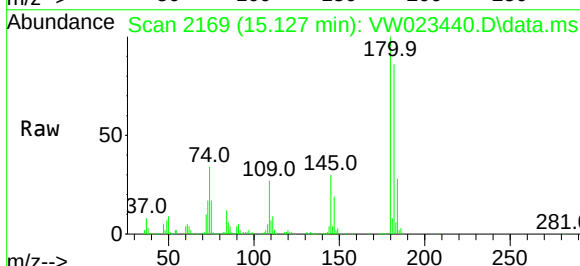
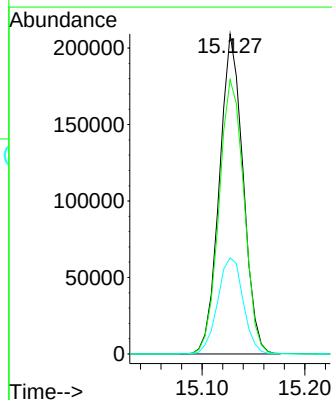
Tgt Ion:180 Resp: 334177

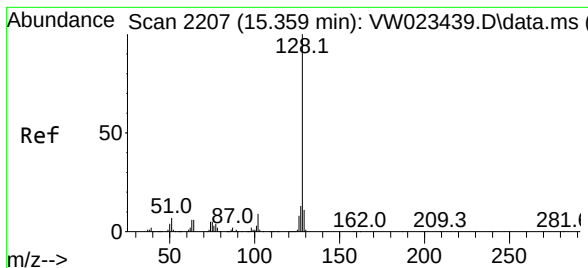
Ion Ratio Lower Upper

180 100

182 90.3 74.9 112.3

145 32.4 26.6 39.8

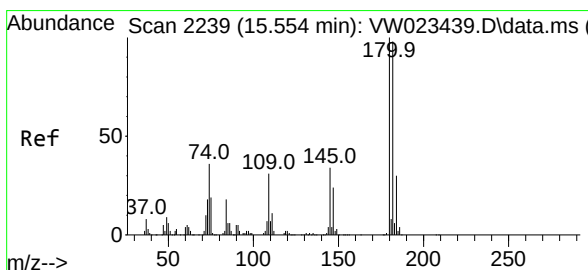
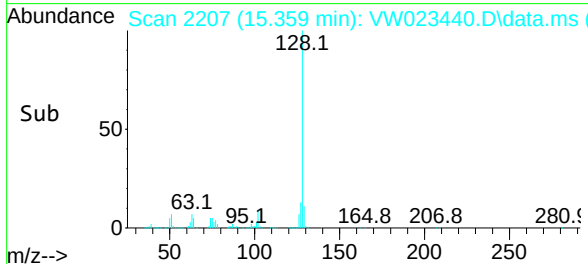
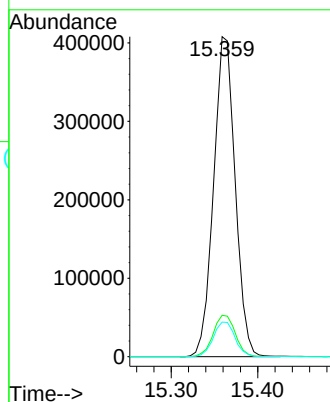
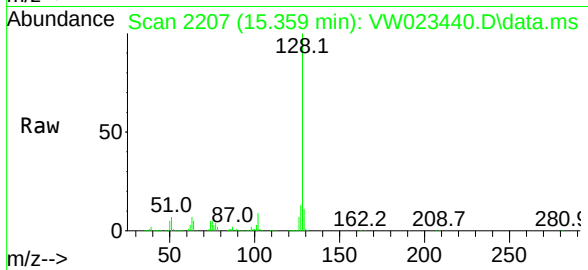




#71
Naphthalene
Concen: 59.212 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 706756
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.247 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW023440.D
Acq: 10 Jun 2022 11:11

Tgt Ion:180 Resp: 284737
Ion Ratio Lower Upper
180 100
182 99.8 73.5 110.3
145 34.9 27.9 41.9

