

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092123\
 Data File : VW027160.D
 Acq On : 21 Sep 2023 13:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 00:48:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 20 01:34:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	531363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	503197	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	285952	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	164764	19.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.080%
7) Chloroethane-d5	2.893	69	135278	20.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
11) 1,1-Dichloroethene-d2	4.027	65	86622	23.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.520%
21) 2-Butanone-d5	7.075	46	75405	47.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.260%
24) Chloroform-d	7.648	84	360362	22.574	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	8.306	65	172290	22.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.480%
32) Benzene-d6	8.276	84	763847	23.505	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.040%
36) 1,2-Dichloropropane-d6	9.270	67	215835	23.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.880%
41) Toluene-d8	10.324	98	702926	24.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	10.574	79	87791	23.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.520%
47) 2-Hexanone-d5	10.922	63	60881	54.946	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	177262	24.059	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	245541	24.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	113835	18.833	ug/L	# 83
3) Chloromethane	2.222	50	142324	21.944	ug/L	96
5) Vinyl chloride	2.375	62	192774	21.843	ug/L	98
6) Bromomethane	2.789	94	125054	20.404	ug/L	99
8) Chloroethane	2.929	64	120211	23.358	ug/L	98
9) Trichlorofluoromethane	3.265	101	151268	22.072	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	198936	25.192	ug/L	92
12) 1,1-Dichloroethene	4.045	96	182040	23.491	ug/L	84
13) Acetone	4.118	43	101640	67.962	ug/L	88
14) Carbon disulfide	4.386	76	591577	22.899	ug/L	100
15) Methyl Acetate	4.667	43	67245	22.790	ug/L	98
16) Methylene chloride	4.917	84	216688	21.434	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	202834	24.120	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	283462	25.368	ug/L	99
19) 1,1-Dichloroethane	6.215	63	356541	24.177	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	221342	25.025	ug/L	97
22) 2-Butanone	7.166	43	99831	49.415	ug/L	98
23) Bromochloromethane	7.514	128	97268	23.887	ug/L	93
25) Chloroform	7.679	83	363970	24.031	ug/L	100

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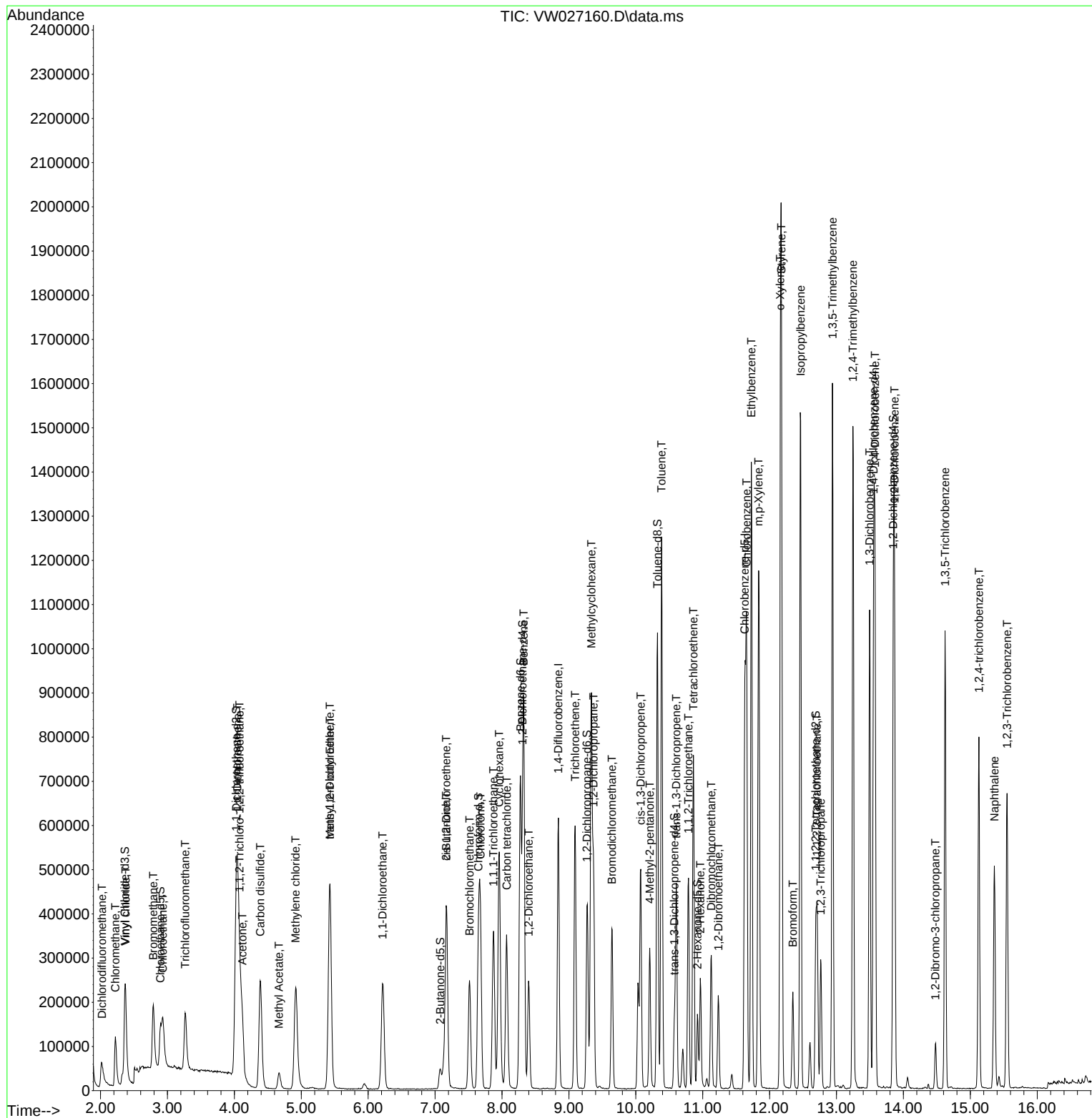
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	221519	24.137	ug/L	98
29) Cyclohexane	7.959	56	315940	26.232	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	290229	24.405	ug/L	98
31) Carbon tetrachloride	8.069	117	258625	24.541	ug/L	98
33) Benzene	8.325	78	848090	25.518	ug/L	100
34) Trichloroethene	9.093	95	216907	24.696	ug/L	96
35) Methylcyclohexane	9.337	83	386509	25.799	ug/L	99
37) 1,2-Dichloropropane	9.367	63	204620	24.791	ug/L	99
38) Bromodichloromethane	9.642	83	253793	25.144	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	320780	25.946	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	191603	51.762	ug/L	99
42) Toluene	10.385	91	925513	26.354	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	268053	25.835	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	159225	25.072	ug/L	98
46) Tetrachloroethene	10.861	164	177341	23.955	ug/L	87
48) 2-Hexanone	10.965	43	141195	52.893	ug/L	97
49) Dibromochloromethane	11.129	129	170061	25.588	ug/L	100
50) 1,2-Dibromoethane	11.233	107	143750	24.664	ug/L	97
51) Chlorobenzene	11.653	112	566586	24.446	ug/L	90
52) Ethylbenzene	11.727	91	1000760	25.982	ug/L	99
53) m,p-Xylene	11.836	106	402493	27.248	ug/L	96
54) o-Xylene	12.159	106	383427	27.248	ug/L	89
55) Styrene	12.178	104	661685	27.442	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	183885	24.713	ug/L	95
59) Bromoform	12.348	173	98679	23.821	ug/L	93
60) Isopropylbenzene	12.464	105	1017726	26.565	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	129822	24.343	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	837953	27.331	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	824532	27.756	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	447611	24.708	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	478763	25.427	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	411696	24.863	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	28029	23.733	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.622	180	329347	25.255	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	257088	24.875	ug/L	97
71) Naphthalene	15.360	128	451477	26.259	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	239434	25.662	ug/L	95

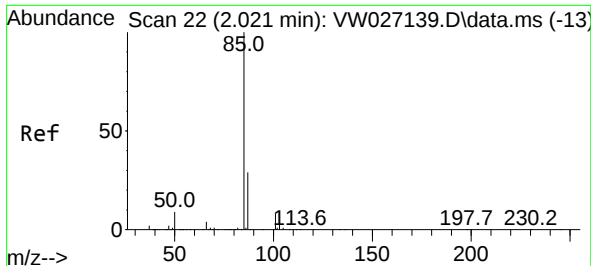
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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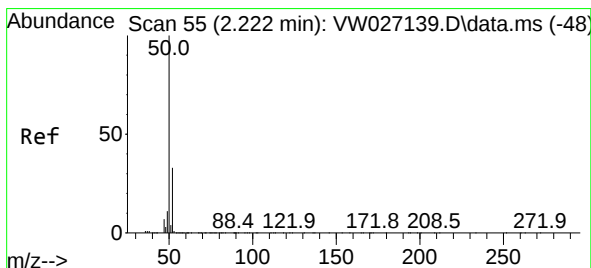
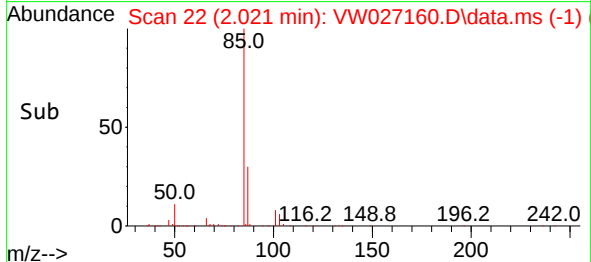
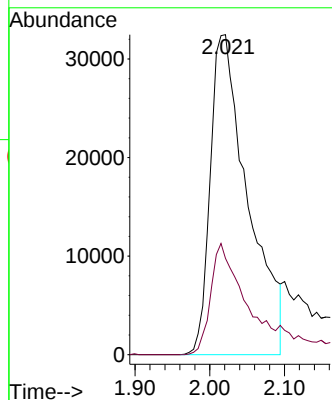
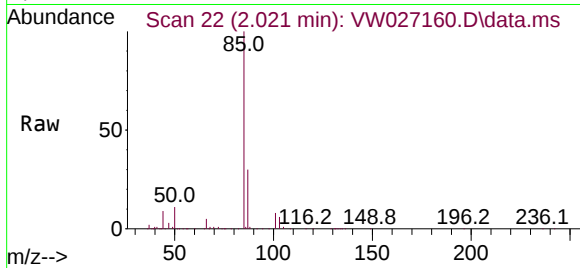




#2
 Dichlorodifluoromethane
 Concen: 18.833 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027160.D
 Acq: 21 Sep 2023 13:59

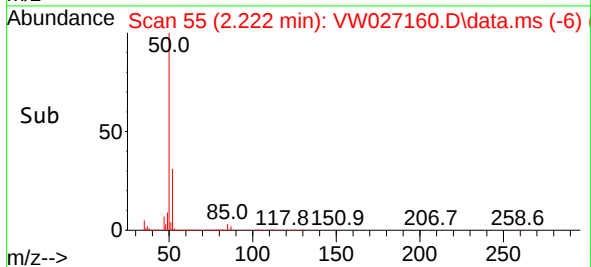
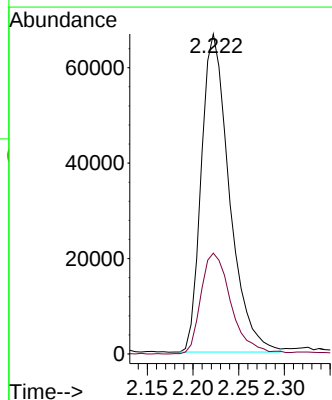
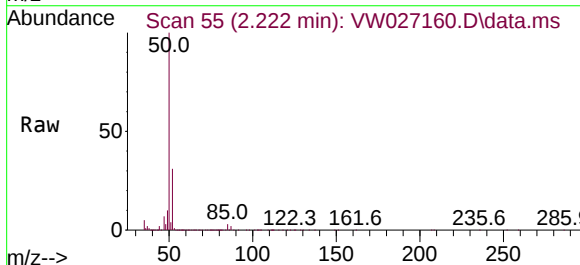
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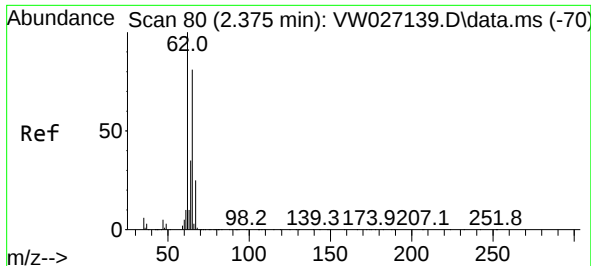
Tgt Ion: 85 Resp: 113835
 Ion Ratio Lower Upper
 85 100
 87 31.6 18.5 27.7#



#3
 Chloromethane
 Concen: 21.944 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW027160.D
 Acq: 21 Sep 2023 13:59

Tgt Ion: 50 Resp: 142324
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.8 44.2

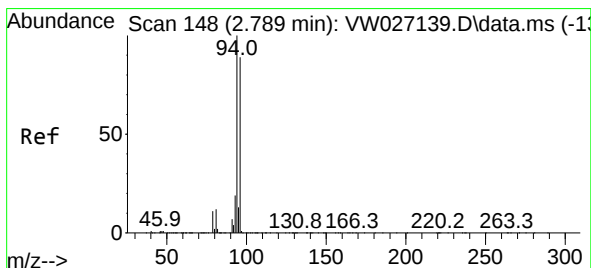
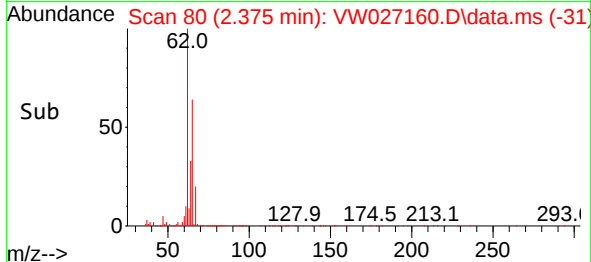
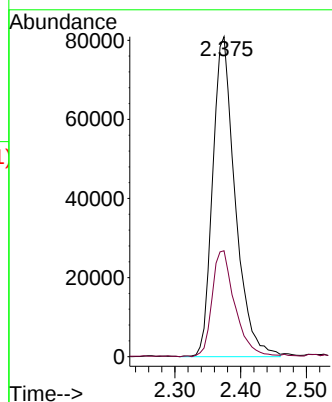
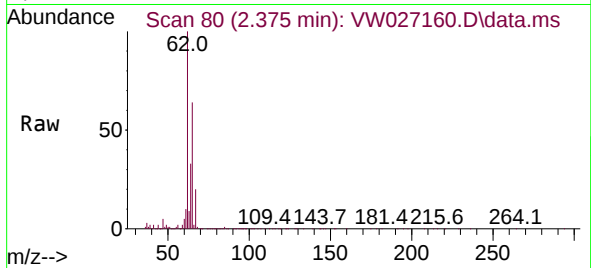




#5
 Vinyl chloride
 Concen: 21.843 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027160.D
 Acq: 21 Sep 2023 13:59

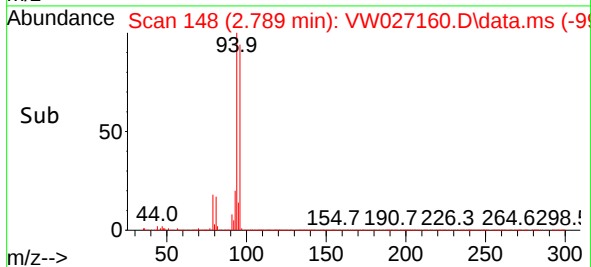
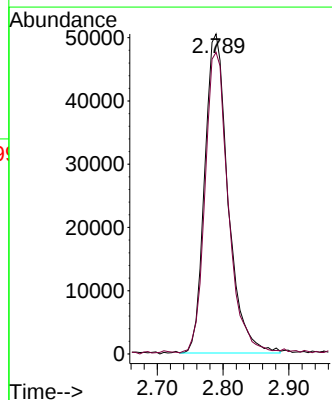
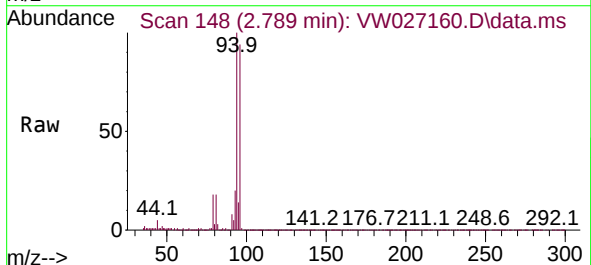
Instrument :
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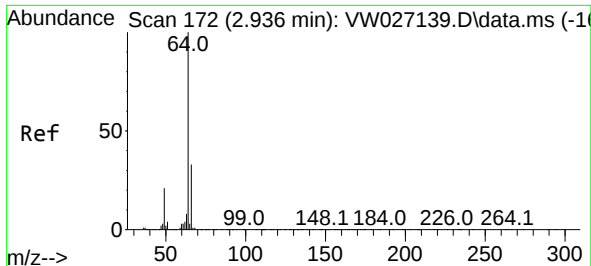
Tgt Ion: 62 Resp: 192774
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.5 41.7



#6
 Bromomethane
 Concen: 20.404 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027160.D
 Acq: 21 Sep 2023 13:59

Tgt Ion: 94 Resp: 125054
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.0 120.8

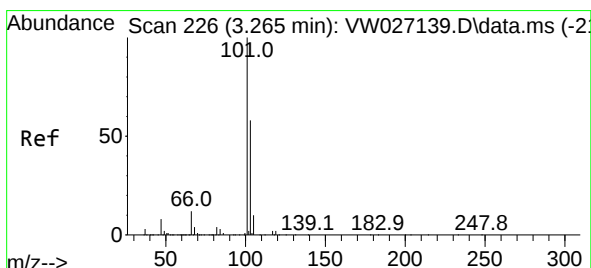
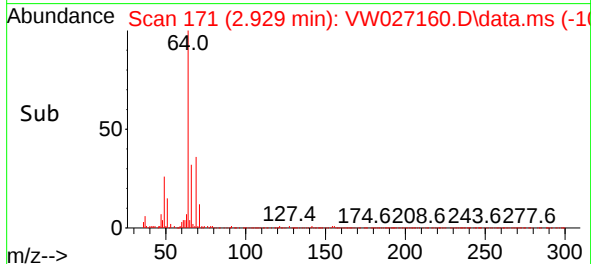
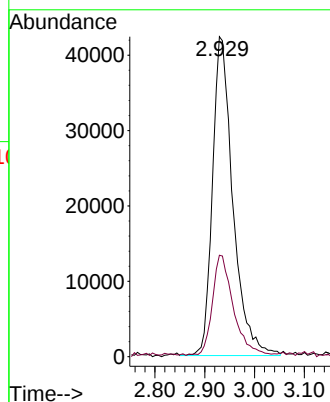
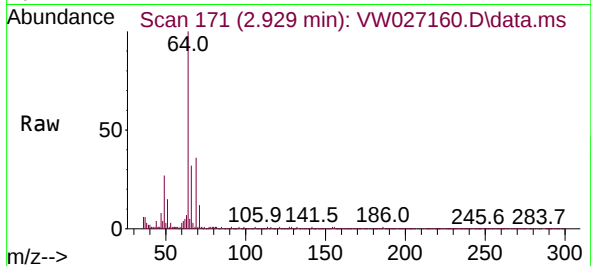




#8
Chloroethane
Concen: 23.358 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

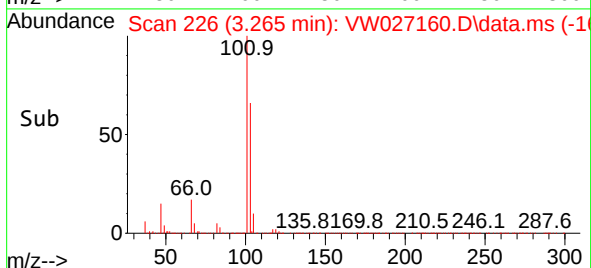
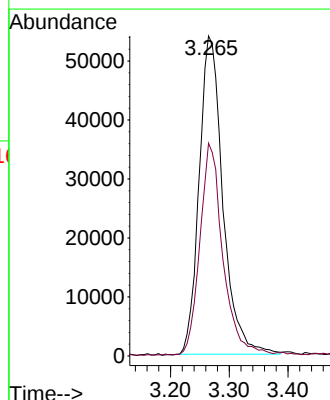
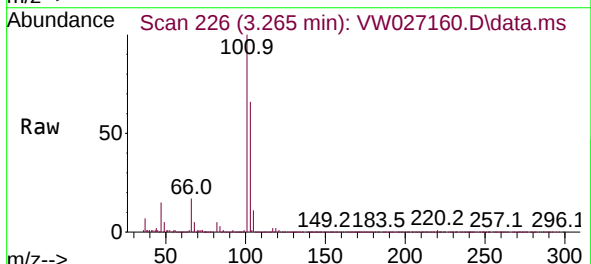
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ClientSampleId :

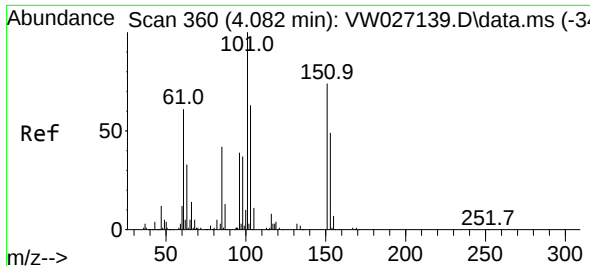
Tgt Ion: 64 Resp: 120211
Ion Ratio Lower Upper
64 100
66 31.7 21.3 39.6



#9
Trichlorofluoromethane
Concen: 22.072 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion: 101 Resp: 151268
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3

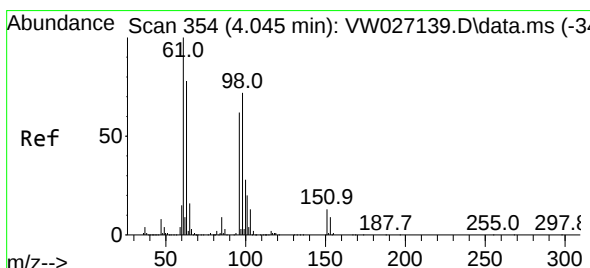
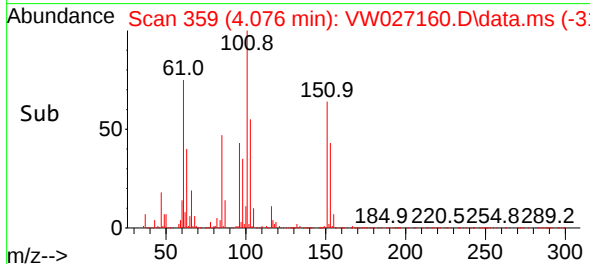
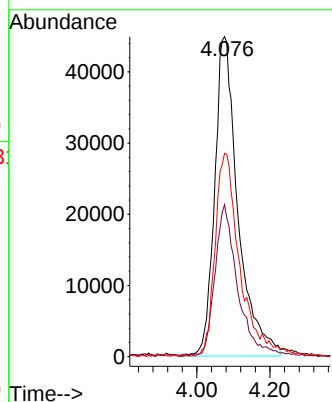
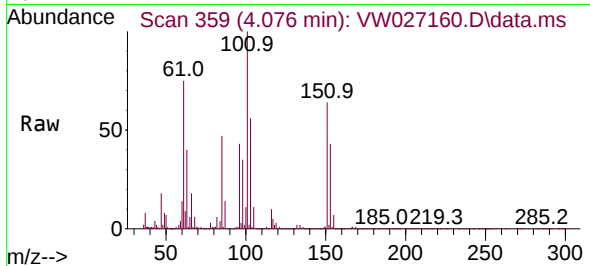




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.192 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027160.D
 Acq: 21 Sep 2023 13:59

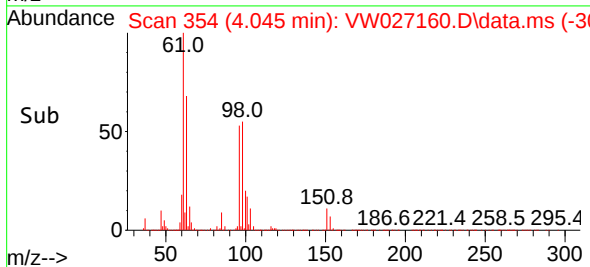
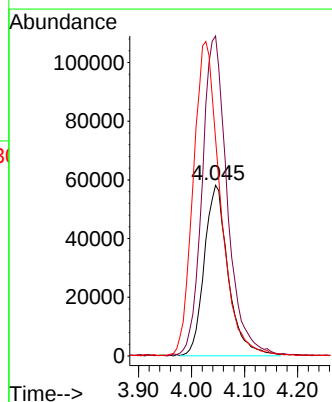
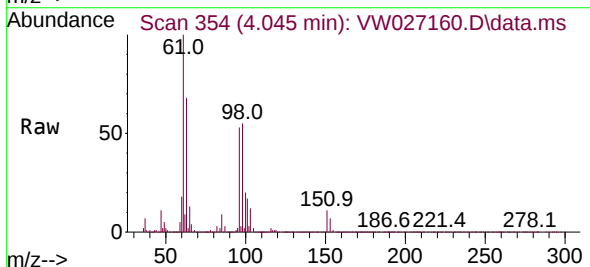
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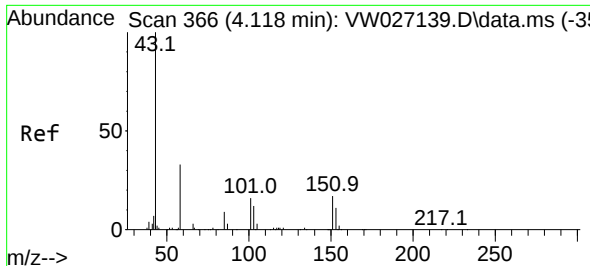
Tgt Ion: 101 Resp: 198936
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.7 53.5
 151 63.0 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 23.491 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027160.D
 Acq: 21 Sep 2023 13:59

Tgt Ion: 96 Resp: 182040
 Ion Ratio Lower Upper
 96 100
 61 187.4 112.5 208.9
 63 127.2 99.4 184.6

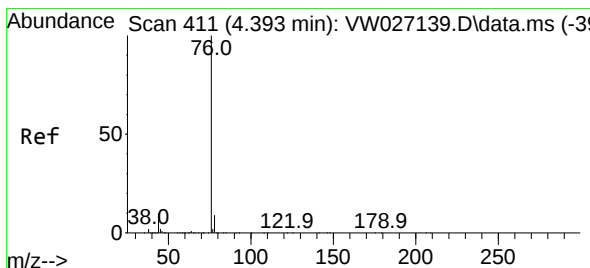
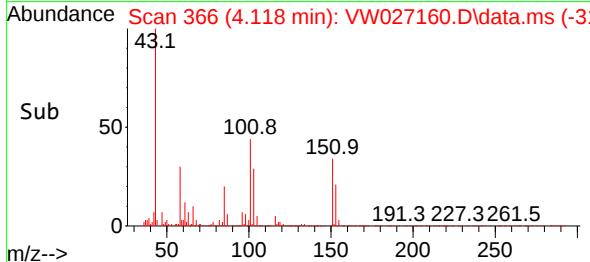
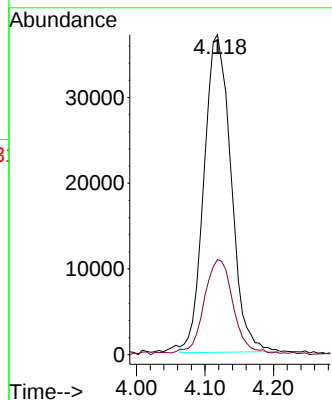
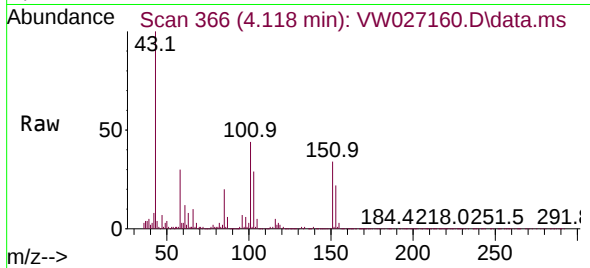




#13
Acetone
Concen: 67.962 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

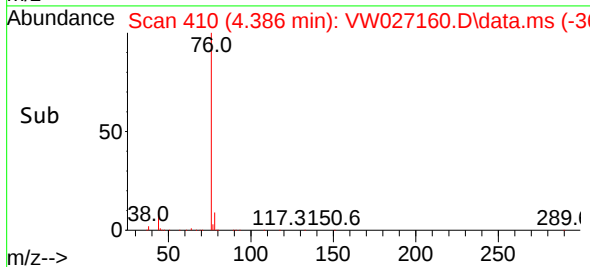
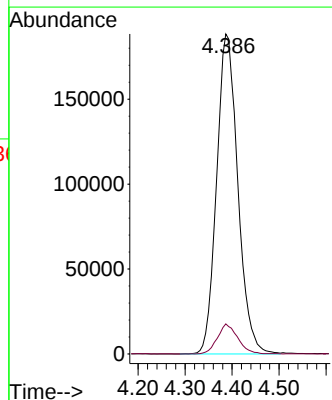
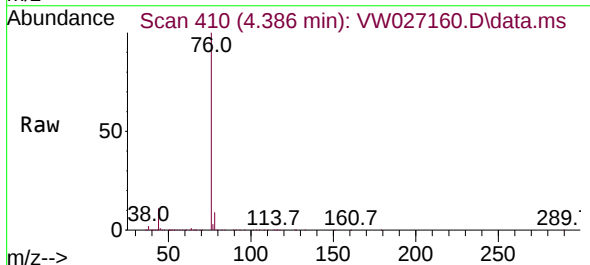
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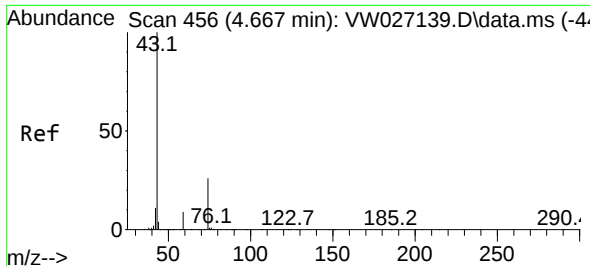
Tgt Ion: 43 Resp: 101640
Ion Ratio Lower Upper
43 100
58 31.3 0.0 77.4



#14
Carbon disulfide
Concen: 22.899 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion: 76 Resp: 591577
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

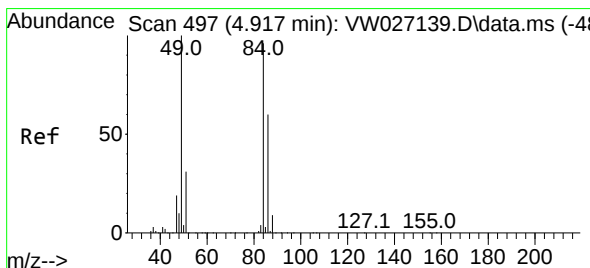
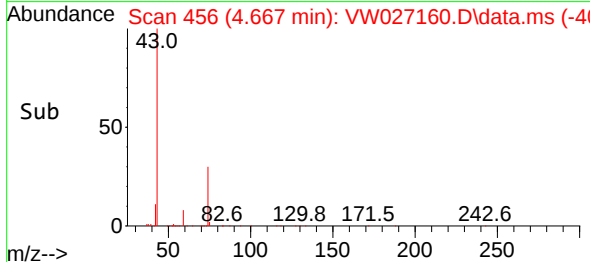
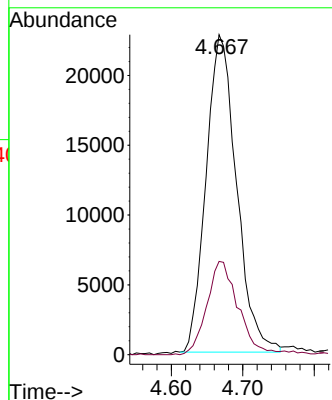
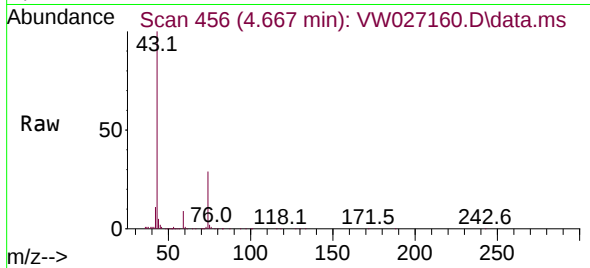




#15
Methyl Acetate
Concen: 22.790 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

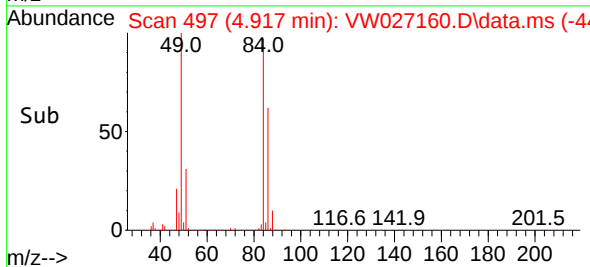
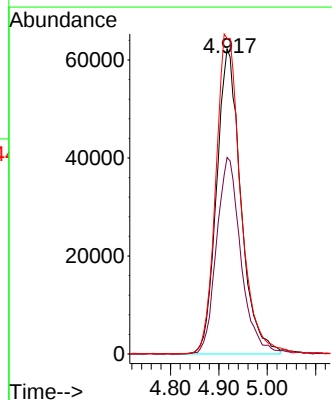
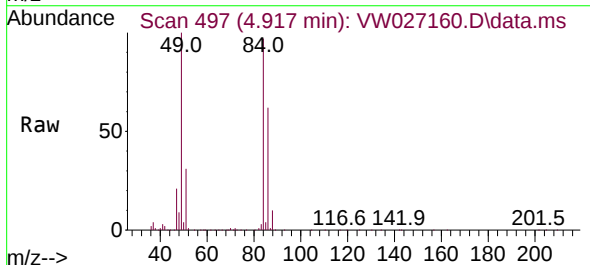
Instrument :
MSVOA_W
ClientSampleId :

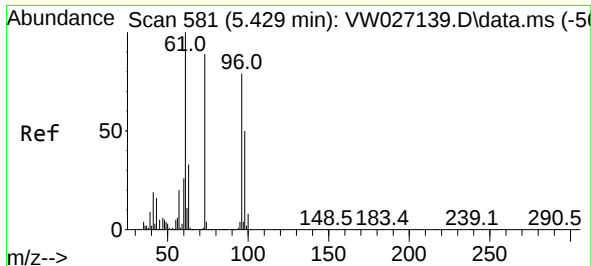
Tgt Ion: 43 Resp: 67245
Ion Ratio Lower Upper
43 100
74 30.0 23.2 34.8



#16
Methylene chloride
Concen: 21.434 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion: 84 Resp: 216688
Ion Ratio Lower Upper
84 100
86 64.4 46.7 86.7
49 103.4 77.1 143.1

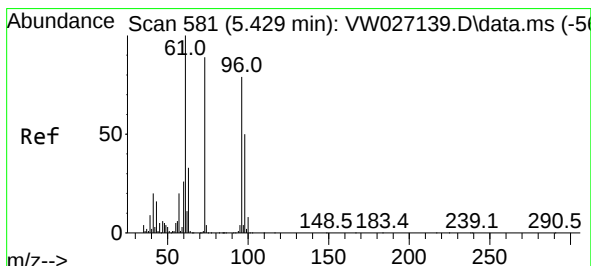
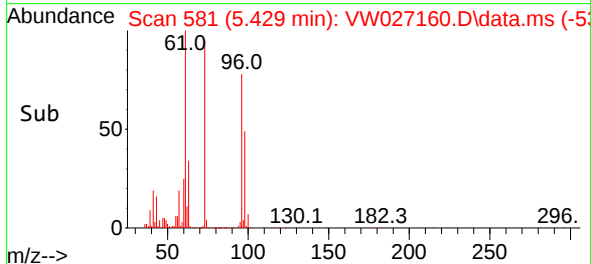
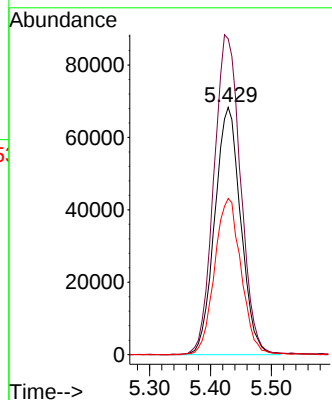
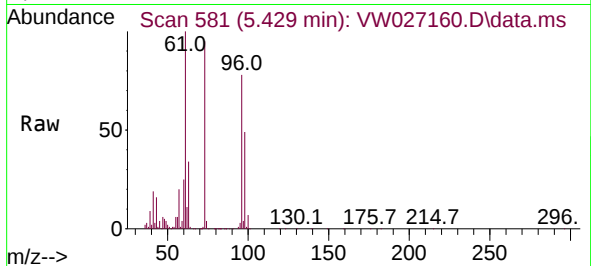




#17
trans-1,2-Dichloroethene
Concen: 24.120 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

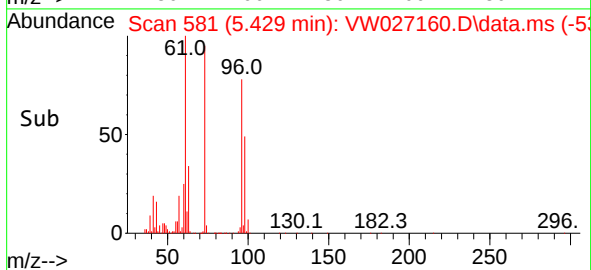
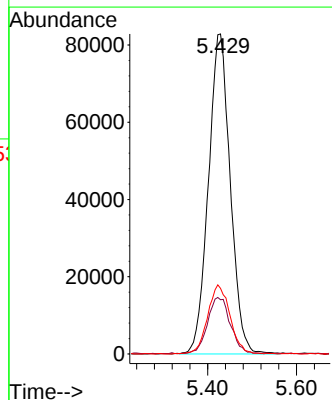
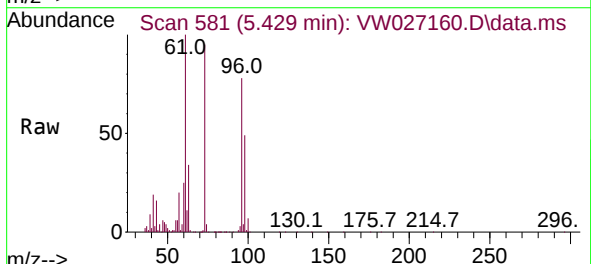
Instrument :
MSVOA_W
ClientSampleId :

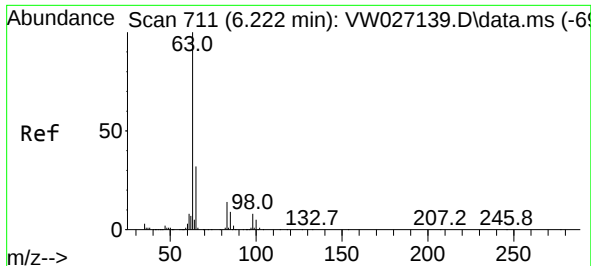
Tgt Ion: 96 Resp: 202834
Ion Ratio Lower Upper
96 100
61 127.6 91.2 169.4
98 63.1 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 25.368 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion: 73 Resp: 283462
Ion Ratio Lower Upper
73 100
43 18.0 15.2 22.8
57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 24.177 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

ClientSampleId :

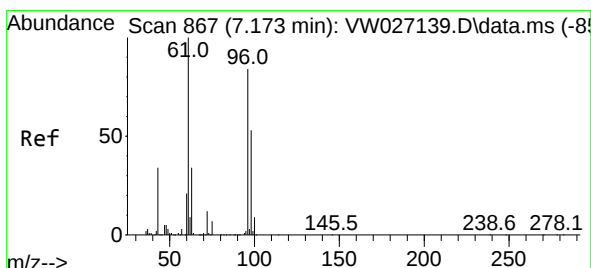
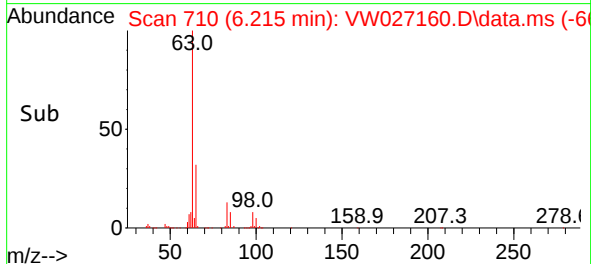
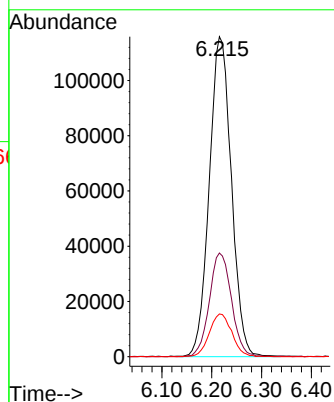
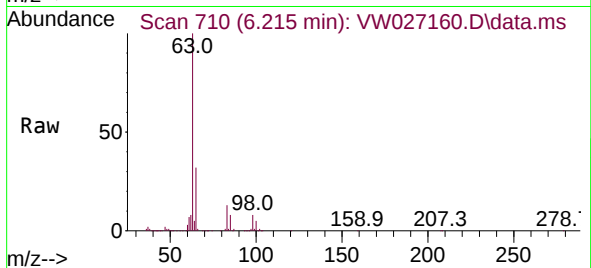
Tgt Ion: 63 Resp: 356541

Ion Ratio Lower Upper

63 100

65 32.4 22.6 42.0

83 13.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.025 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

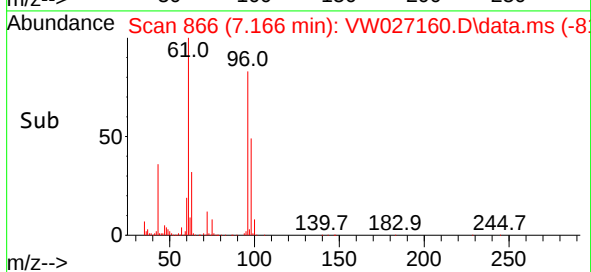
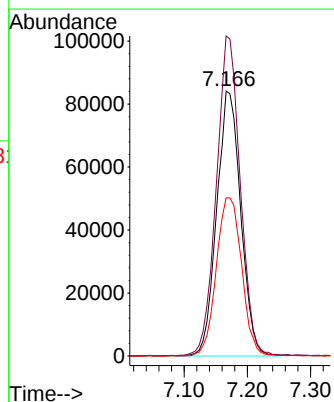
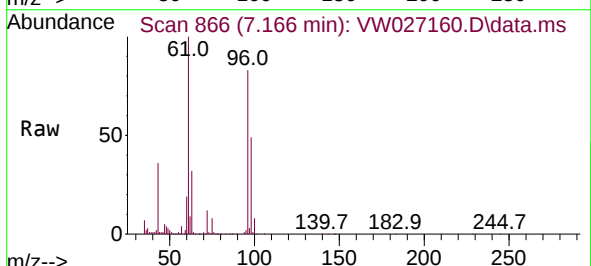
Tgt Ion: 96 Resp: 221342

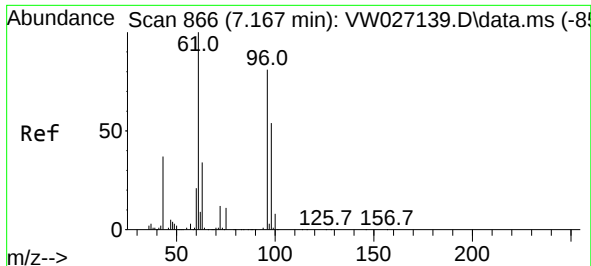
Ion Ratio Lower Upper

96 100

61 120.9 83.0 154.1

98 59.7 44.6 82.8

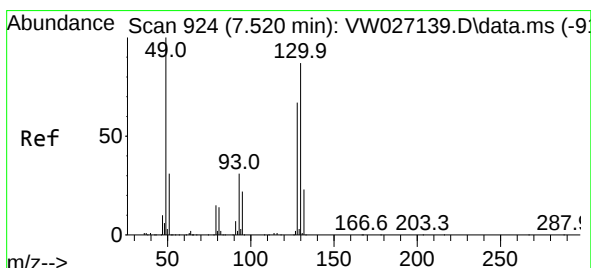
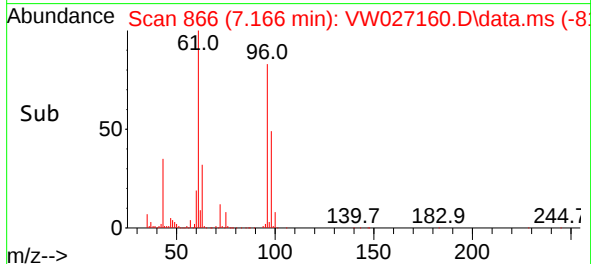
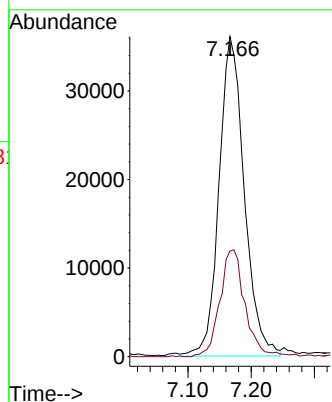
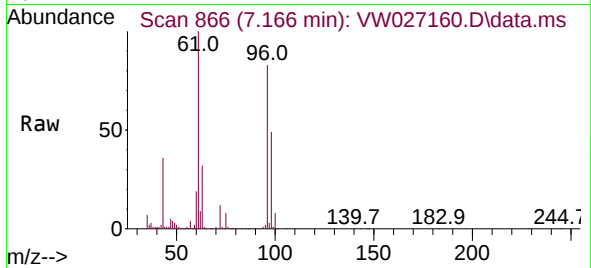




#22
2-Butanone
Concen: 49.415 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

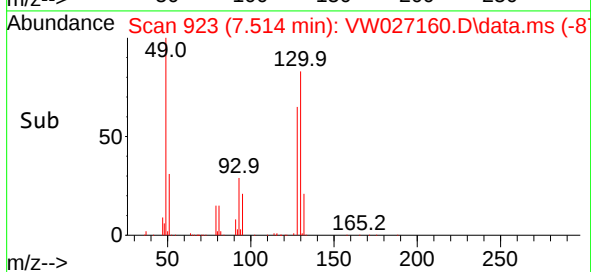
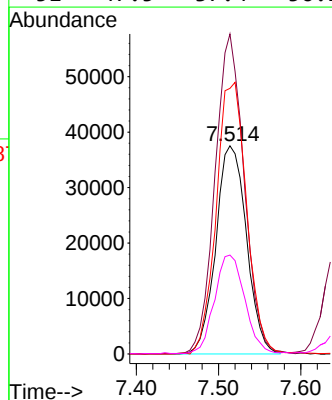
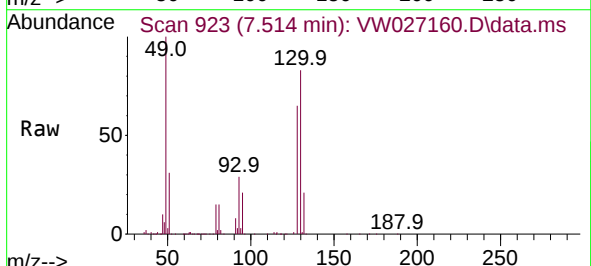
Instrument :
MSVOA_W
ClientSampleId :

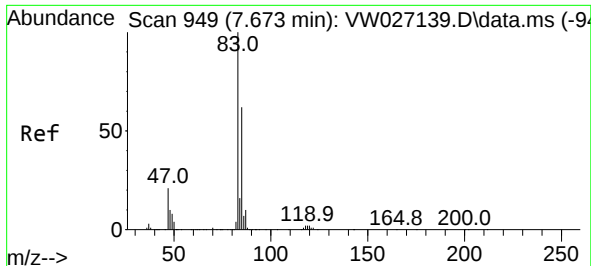
Tgt Ion: 43 Resp: 99831
Ion Ratio Lower Upper
43 100
72 32.6 16.8 50.4



#23
Bromochloromethane
Concen: 23.887 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion: 128 Resp: 97268
Ion Ratio Lower Upper
128 100
49 153.7 97.6 181.2
130 127.6 92.8 172.4
51 47.5 37.4 56.2

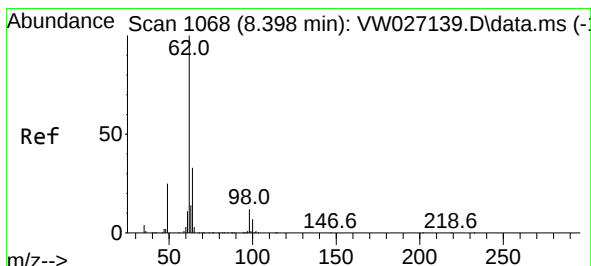
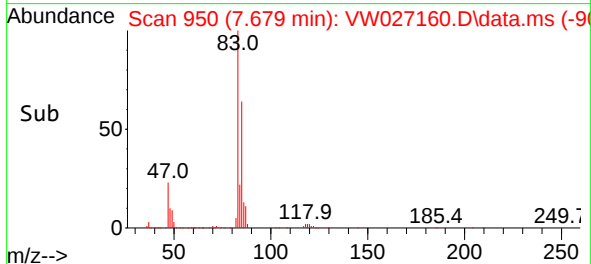
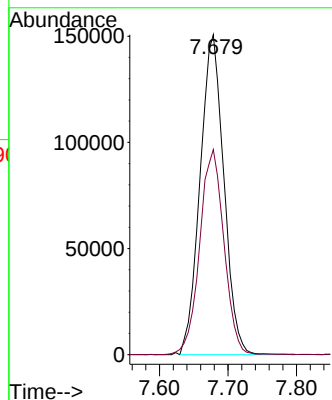
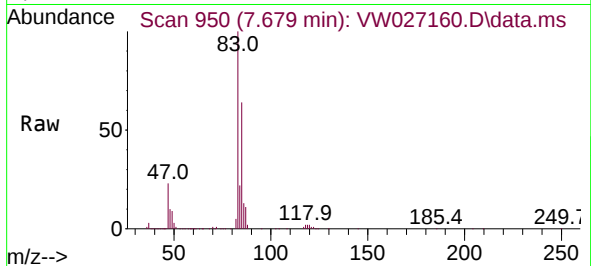




#25
Chloroform
Concen: 24.031 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

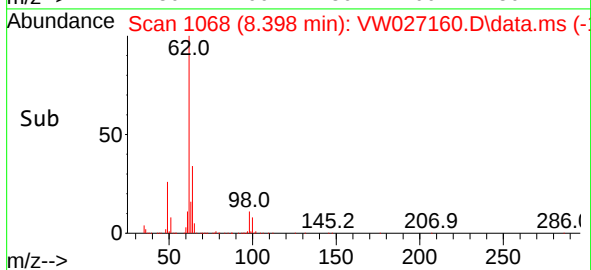
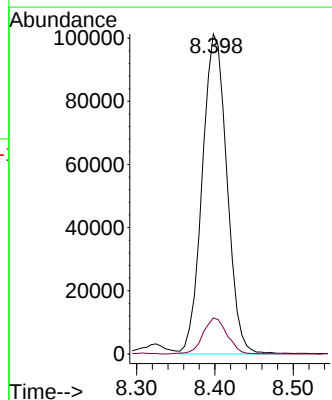
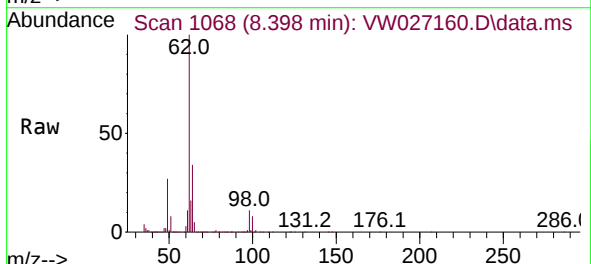
Instrument :
MSVOA_W
ClientSampleId :

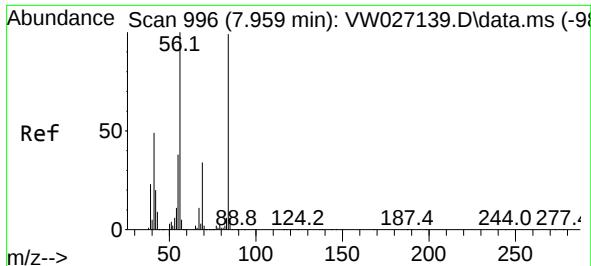
Tgt Ion: 83 Resp: 363970
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5



#27
1,2-Dichloroethane
Concen: 24.137 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

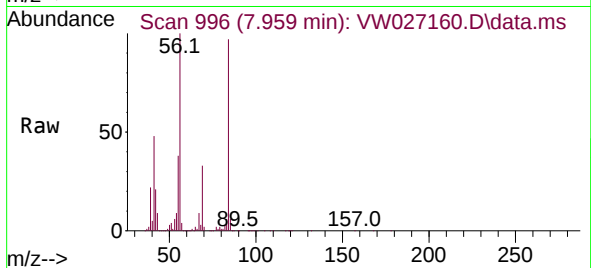
Tgt Ion: 62 Resp: 221519
Ion Ratio Lower Upper
62 100
98 11.3 8.4 12.6



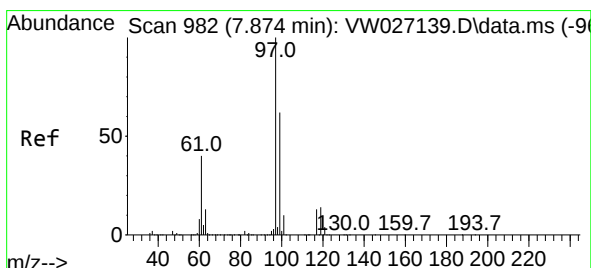
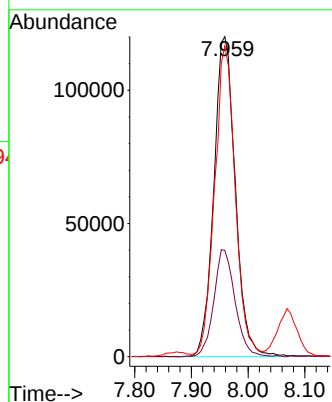
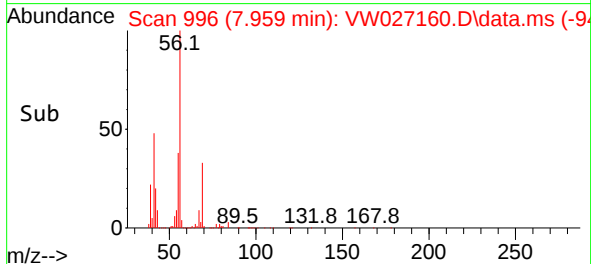


#29
Cyclohexane
Concen: 26.232 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Instrument :
MSVOA_W
ClientSampleId :

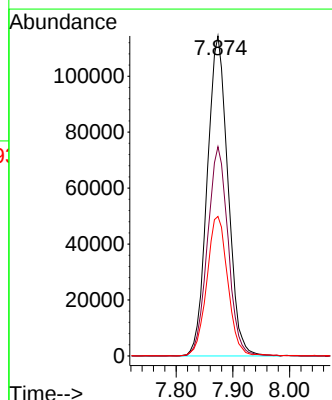
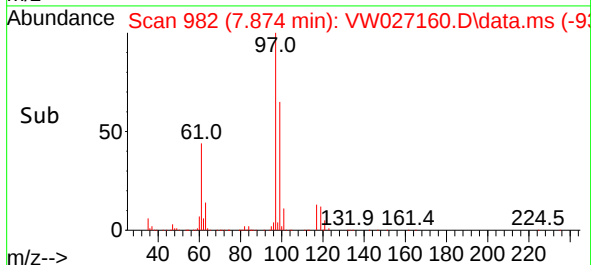
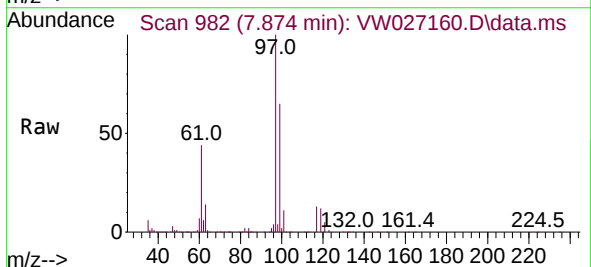


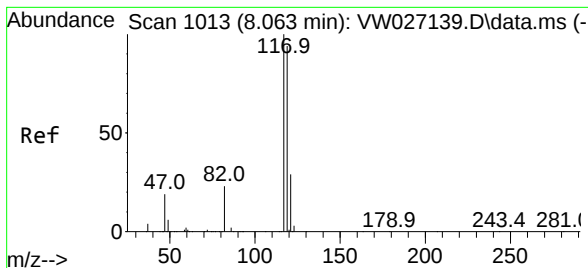
Tgt Ion: 56 Resp: 315940
Ion Ratio Lower Upper
56 100
69 33.0 26.5 39.7
84 91.9 74.4 111.6



#30
1,1,1-Trichloroethane
Concen: 24.405 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion: 97 Resp: 290229
Ion Ratio Lower Upper
97 100
99 65.0 50.6 75.8
61 44.1 34.1 51.1





#31

Carbon tetrachloride

Concen: 24.541 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

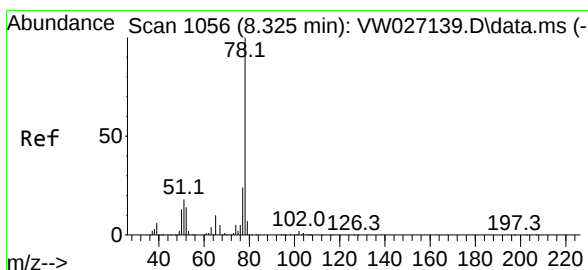
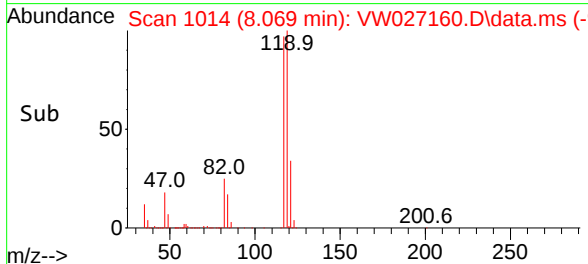
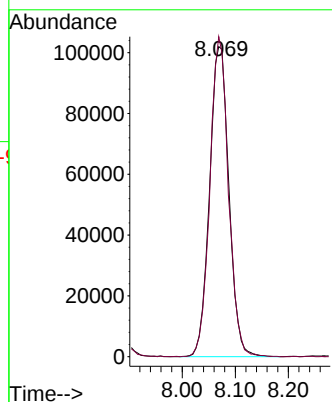
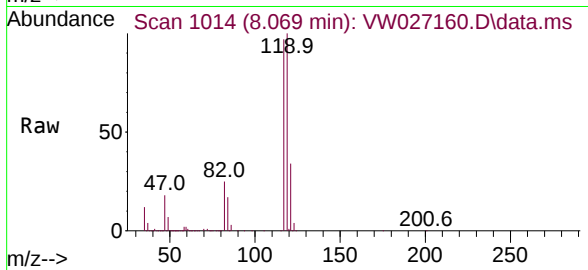
ClientSampleId :

Tgt Ion:117 Resp: 258625

Ion Ratio Lower Upper

117 100

119 98.9 77.4 116.0



#33

Benzene

Concen: 25.518 ug/L

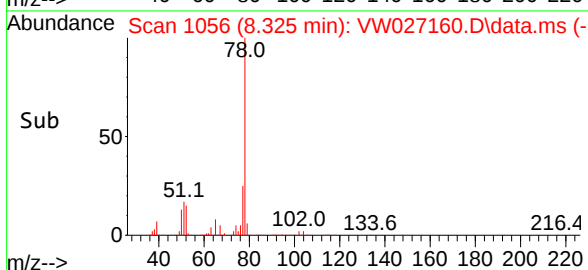
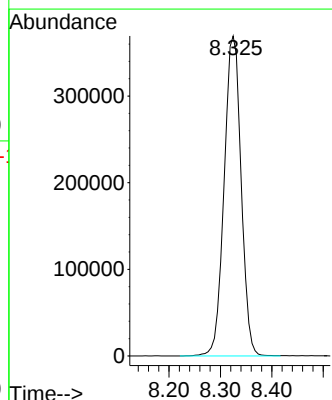
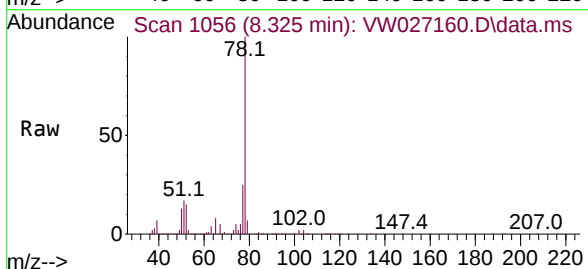
RT: 8.325 min Scan# 1056

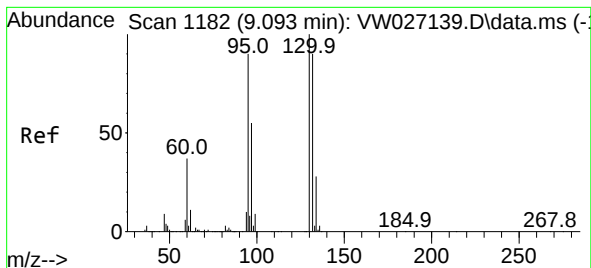
Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Tgt Ion: 78 Resp: 848090





#34

Trichloroethene

Concen: 24.696 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

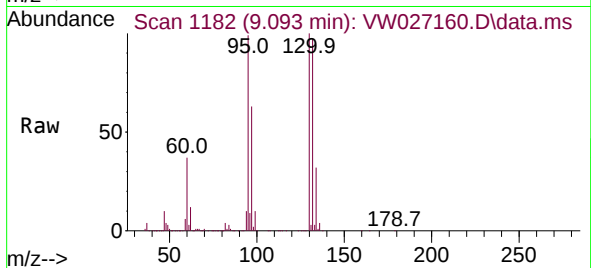
Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 216907

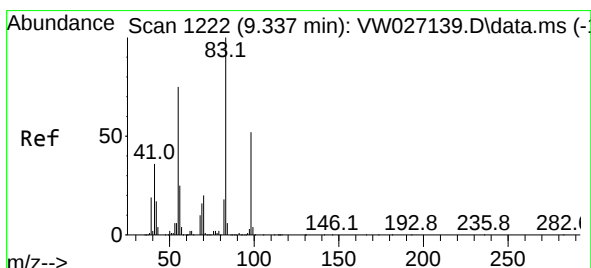
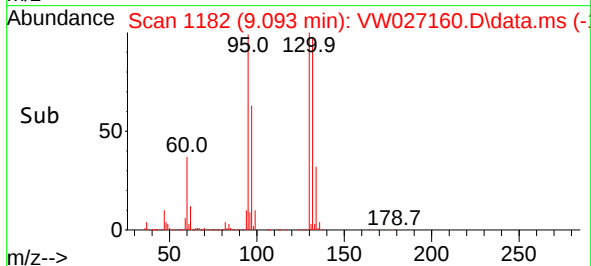
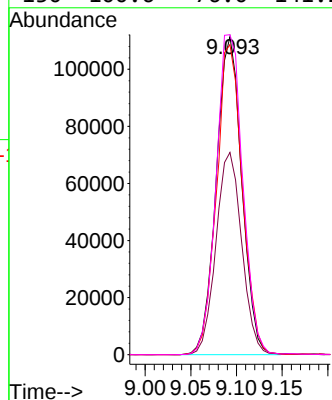
Ion Ratio Lower Upper

95 100

97 63.6 46.1 85.7

132 97.5 67.9 126.1

130 100.6 76.0 141.2



#35

Methylcyclohexane

Concen: 25.799 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

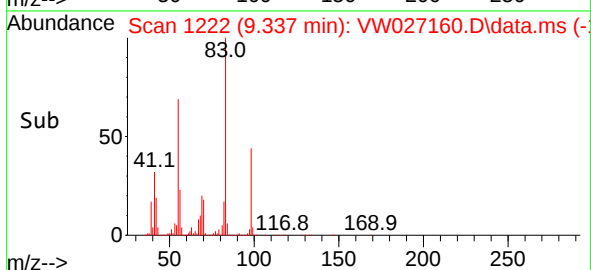
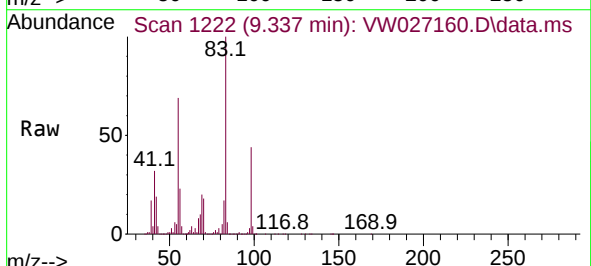
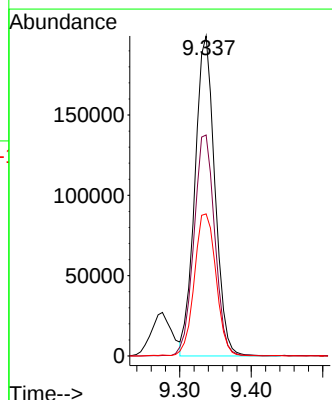
Tgt Ion: 83 Resp: 386509

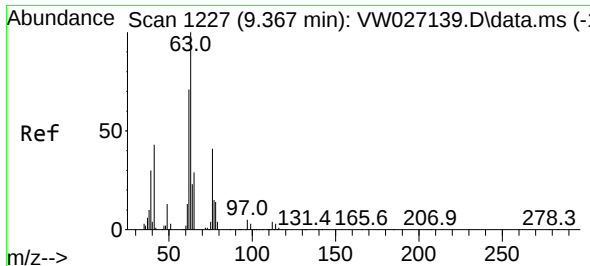
Ion Ratio Lower Upper

83 100

55 71.5 58.0 87.0

98 48.3 38.5 57.7





#37

1,2-Dichloropropane

Concen: 24.791 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

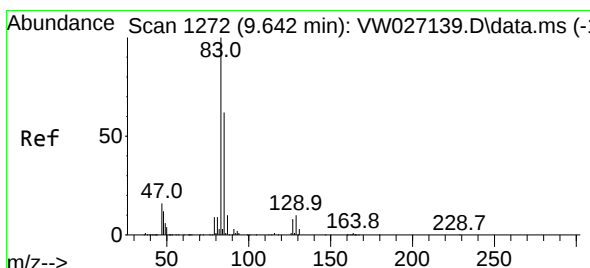
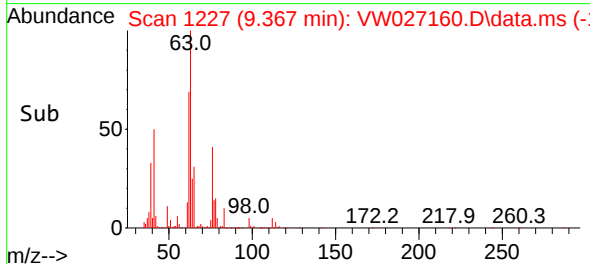
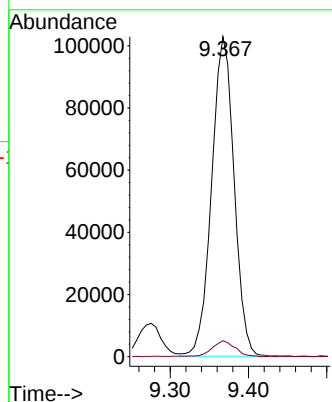
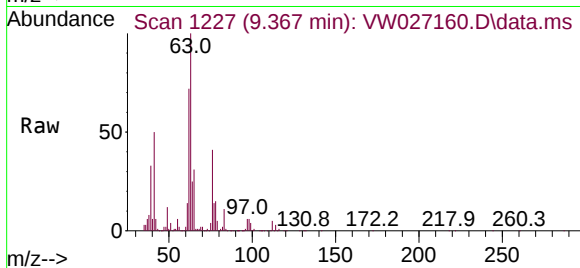
ClientSampleId :

Tgt Ion: 63 Resp: 204620

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 25.144 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

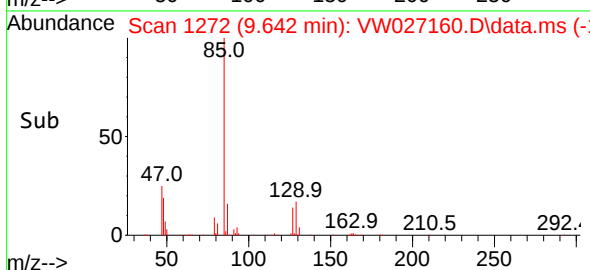
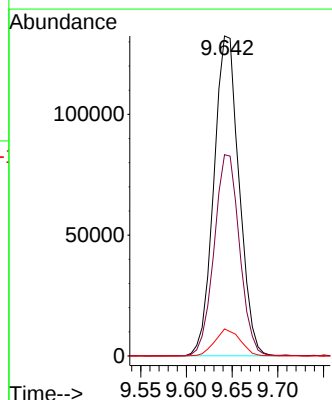
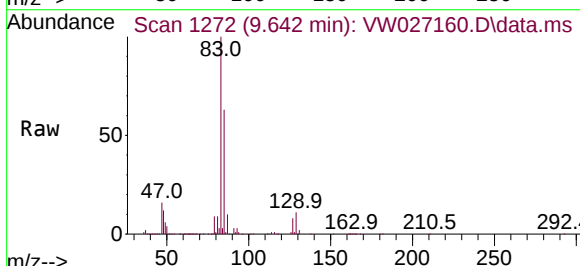
Tgt Ion: 83 Resp: 253793

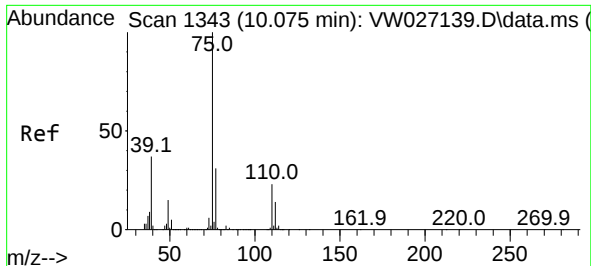
Ion Ratio Lower Upper

83 100

85 62.9 42.8 79.4

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.946 ug/L

RT: 10.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

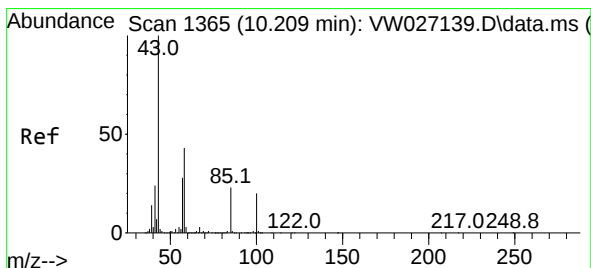
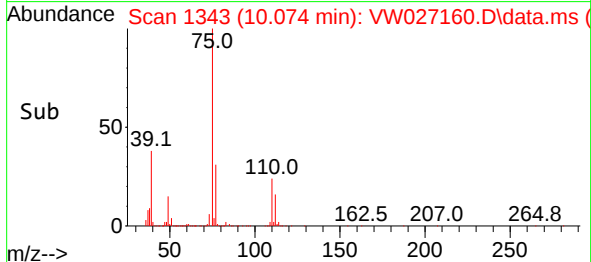
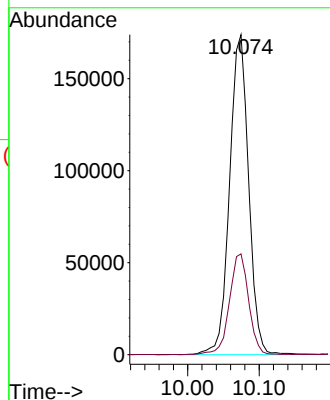
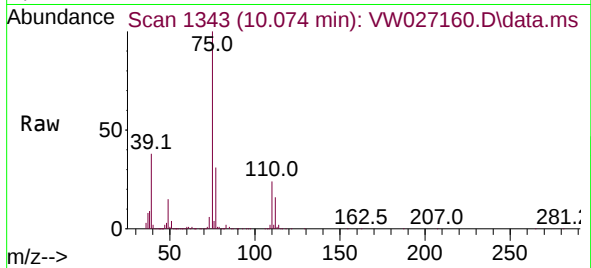
ClientSampleId :

Tgt Ion: 75 Resp: 320780

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 51.762 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

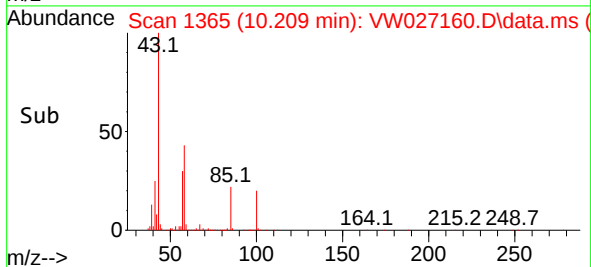
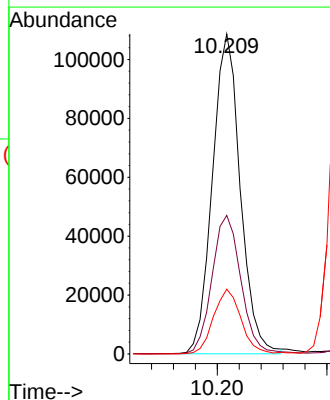
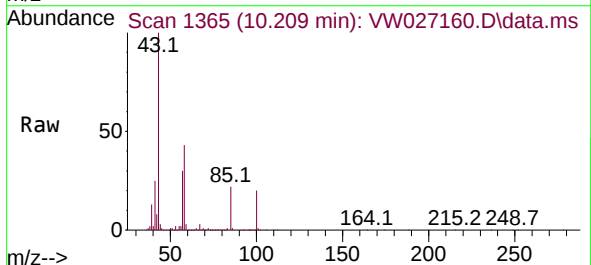
Tgt Ion: 43 Resp: 191603

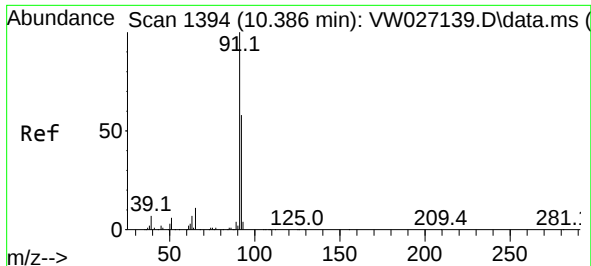
Ion Ratio Lower Upper

43 100

58 45.0 35.4 53.2

100 19.9 15.2 22.8

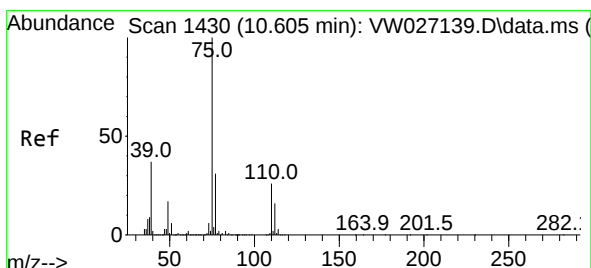
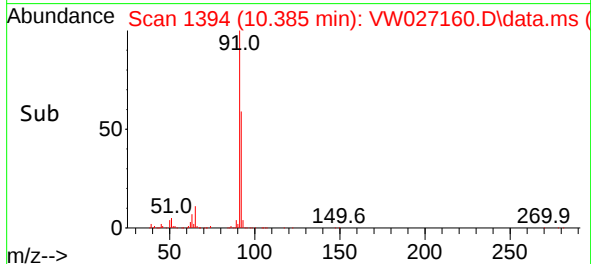
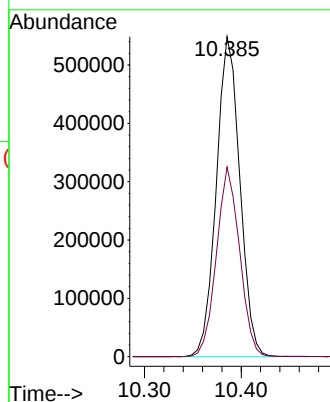
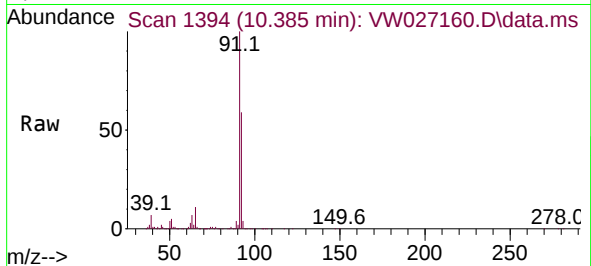




#42
Toluene
Concen: 26.354 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

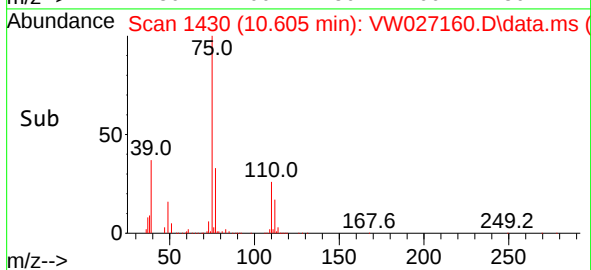
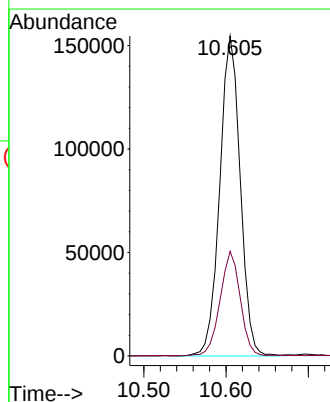
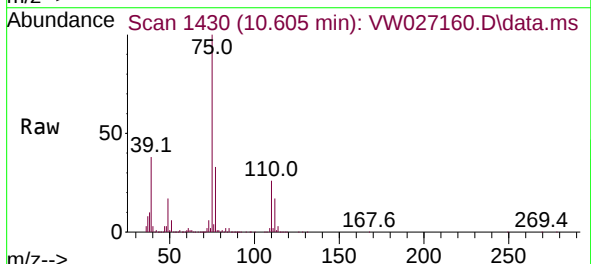
Instrument :
MSVOA_W
ClientSampleId :

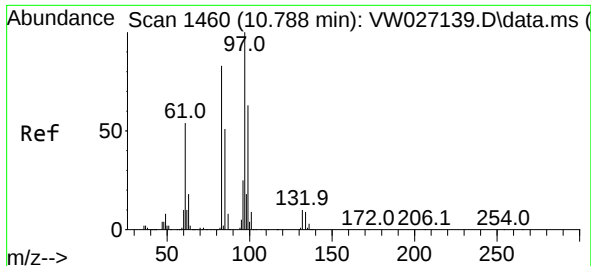
Tgt Ion: 91 Resp: 925513
Ion Ratio Lower Upper
91 100
92 59.3 42.7 79.3



#44
trans-1,3-Dichloropropene
Concen: 25.835 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion: 75 Resp: 268053
Ion Ratio Lower Upper
75 100
77 32.7 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 25.072 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 159225

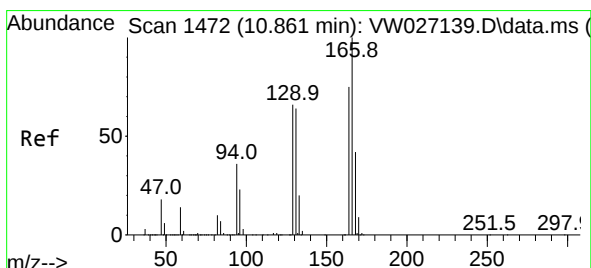
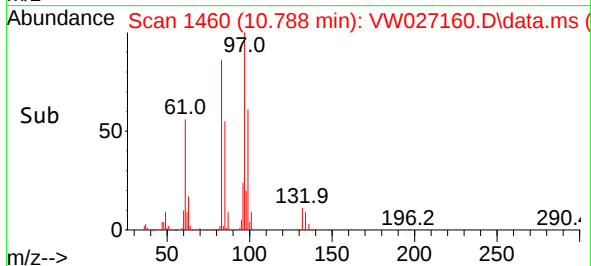
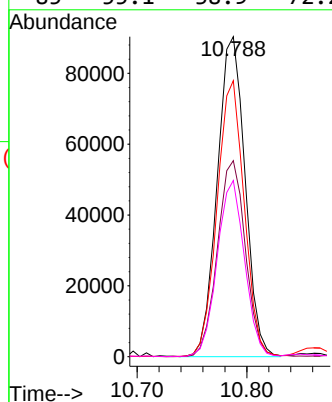
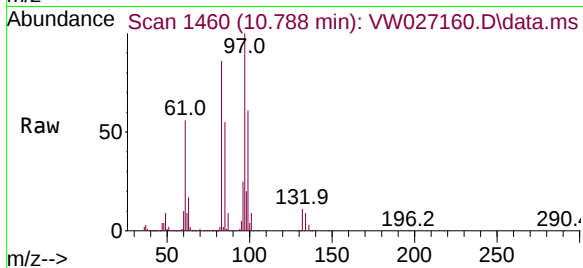
Ion Ratio Lower Upper

97 100

99 61.2 43.3 80.5

83 86.2 58.0 107.8

85 55.1 38.9 72.2



#46

Tetrachloroethene

Concen: 23.955 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Tgt Ion:164 Resp: 177341

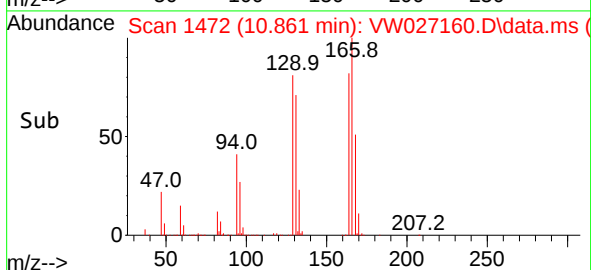
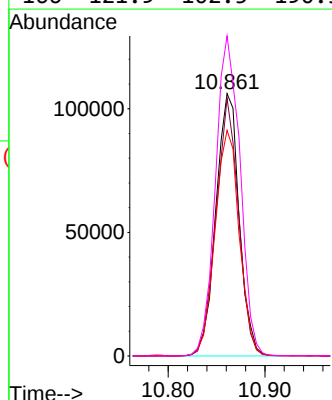
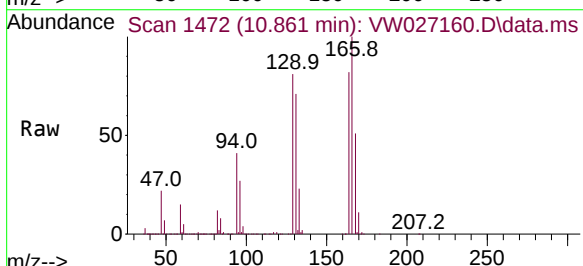
Ion Ratio Lower Upper

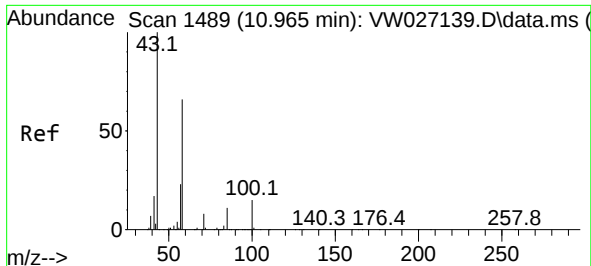
164 100

129 98.2 72.9 135.3

131 86.0 68.7 127.7

166 121.9 102.5 190.3

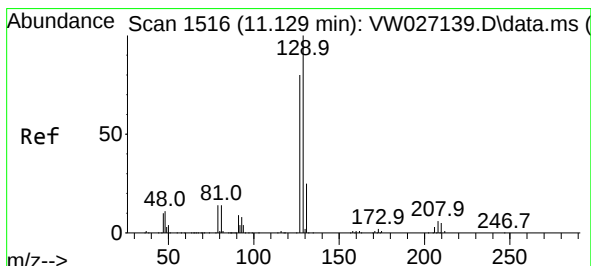
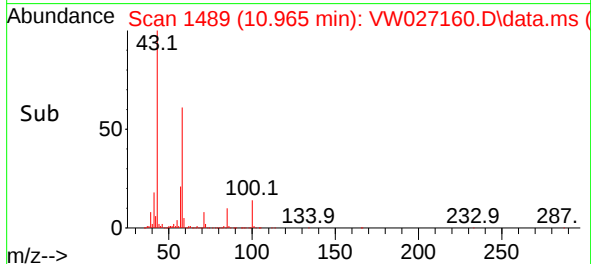
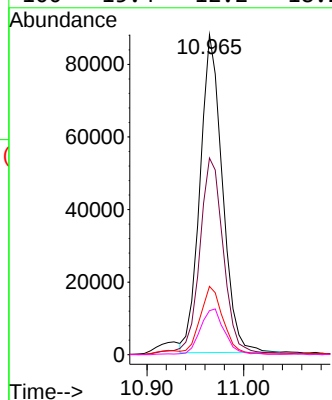
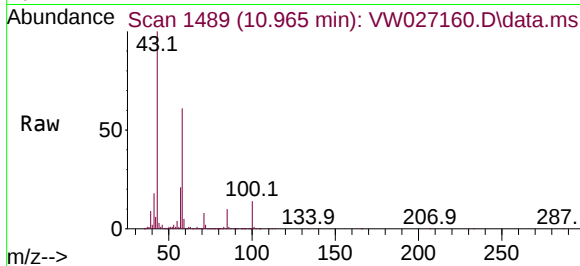




#48
2-Hexanone
Concen: 52.893 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

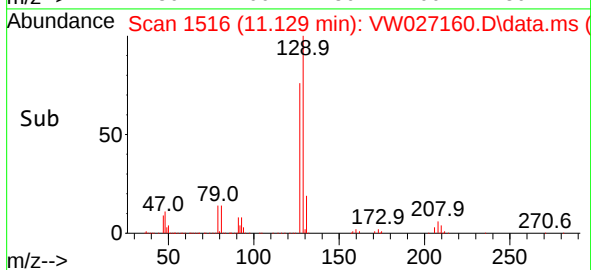
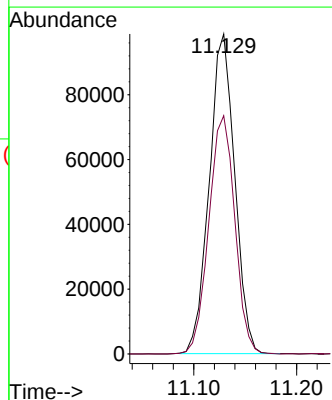
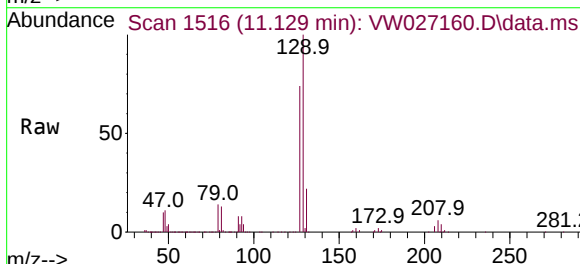
Instrument :
MSVOA_W
ClientSampleId :

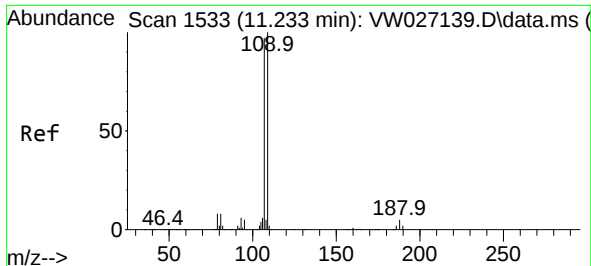
Tgt Ion:	43	Resp:	141195
Ion	Ratio	Lower	Upper
43	100		
58	66.8	51.4	77.0
57	22.4	17.2	25.8
100	15.4	12.2	18.2



#49
Dibromochloromethane
Concen: 25.588 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion:	129	Resp:	170061
Ion	Ratio	Lower	Upper
129	100		
127	74.5	51.9	96.5

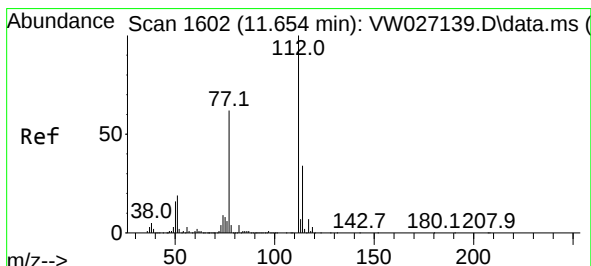
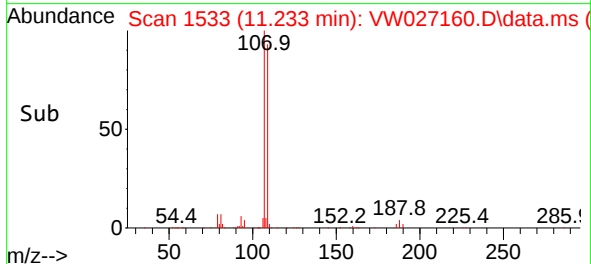
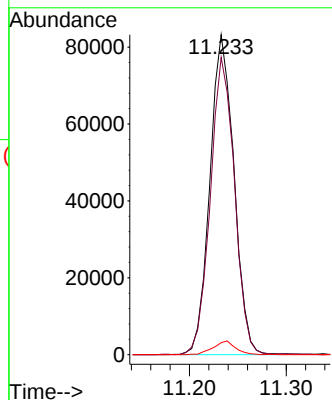
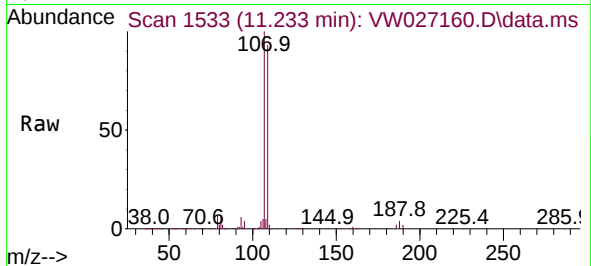




#50
1,2-Dibromoethane
Concen: 24.664 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

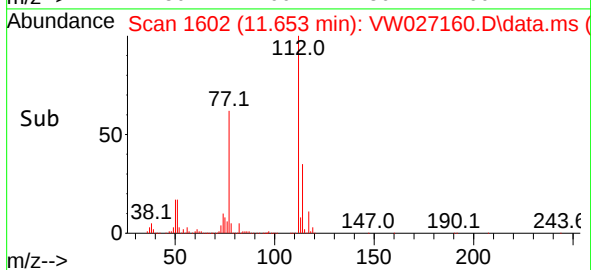
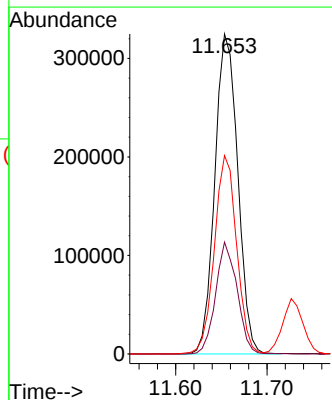
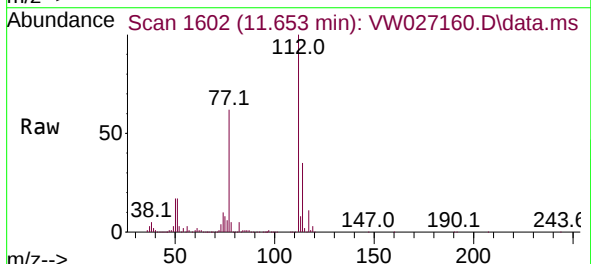
Instrument :
MSVOA_W
ClientSampleId :

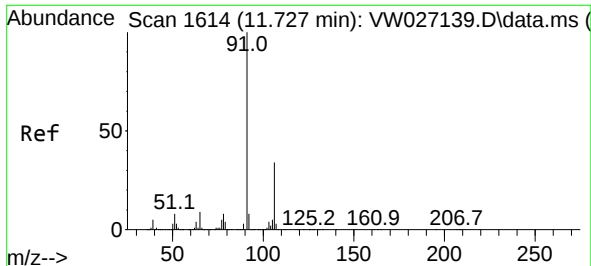
Tgt Ion:107 Resp: 143750
Ion Ratio Lower Upper
107 100
109 92.9 63.3 117.5
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 24.446 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion:112 Resp: 566586
Ion Ratio Lower Upper
112 100
114 34.9 19.7 36.7
77 62.0 44.5 66.7

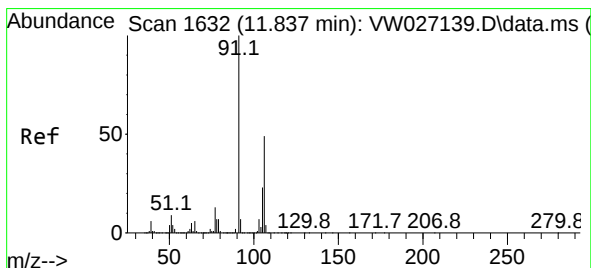
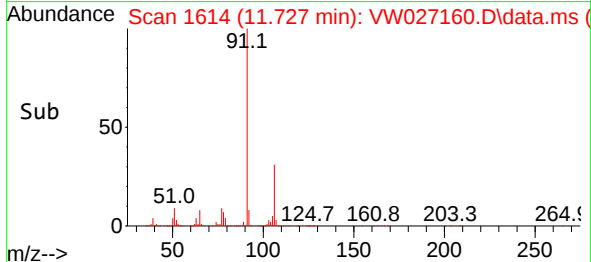
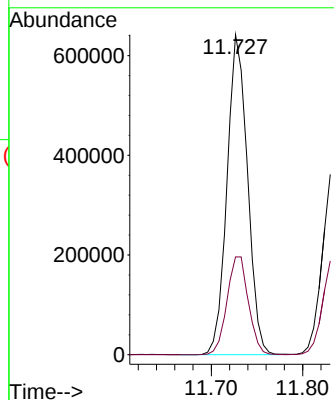
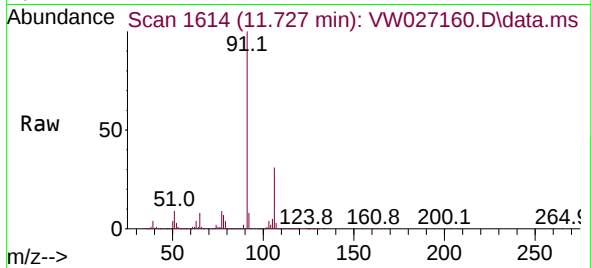




#52
Ethylbenzene
Concen: 25.982 ug/L
RT: 11.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

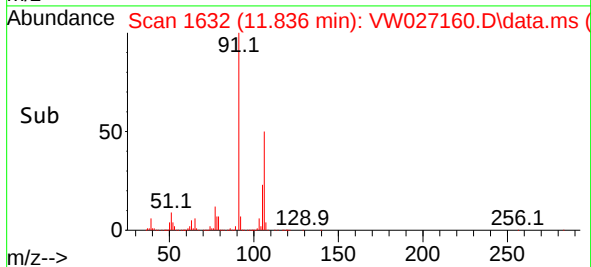
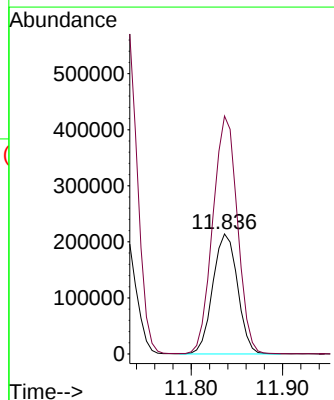
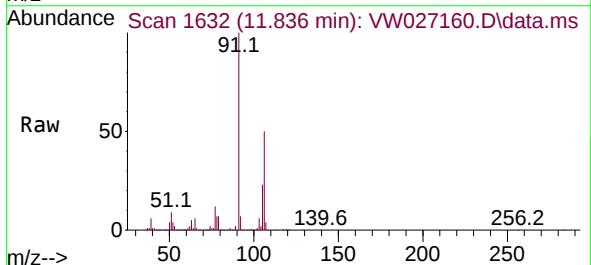
Instrument :
MSVOA_W
ClientSampleId :

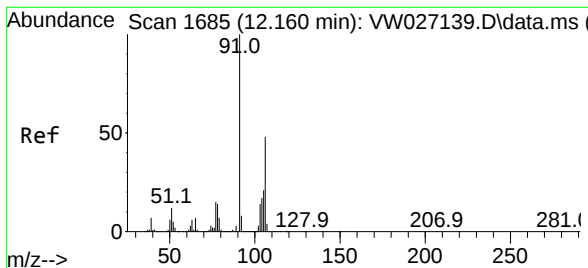
Tgt Ion: 91 Resp: 1000760
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.4



#53
m,p-Xylene
Concen: 27.248 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion:106 Resp: 402493
Ion Ratio Lower Upper
106 100
91 198.3 142.7 265.1

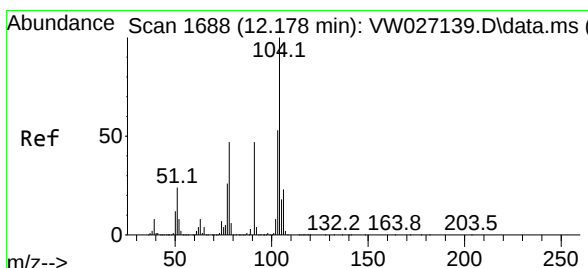
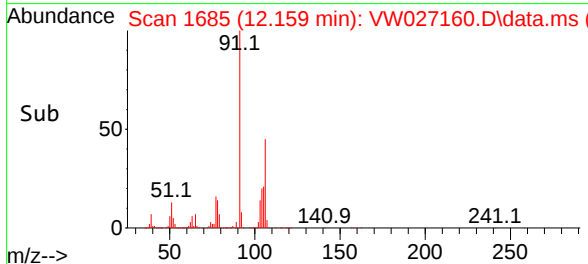
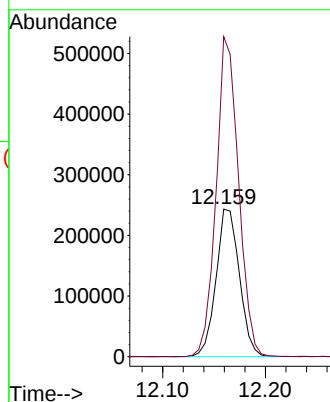
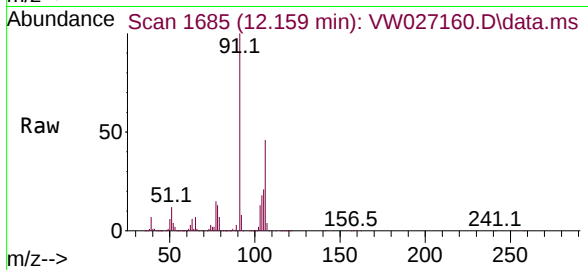




#54
o-Xylene
Concen: 27.248 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

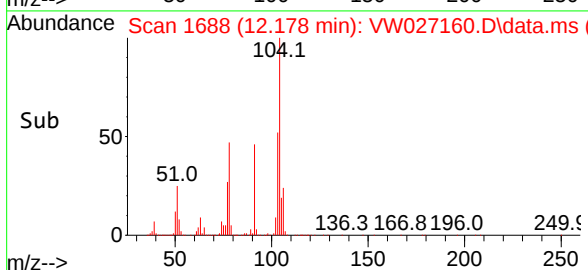
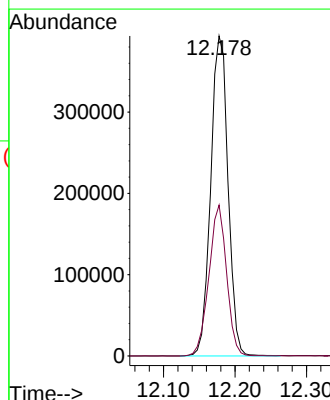
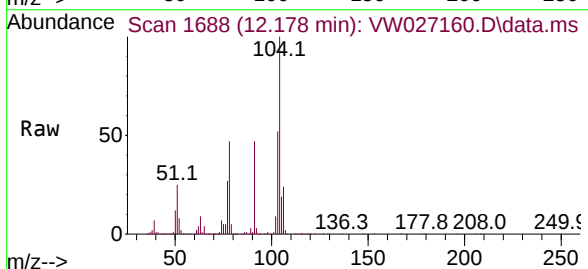
Instrument :
MSVOA_W
ClientSampleId :

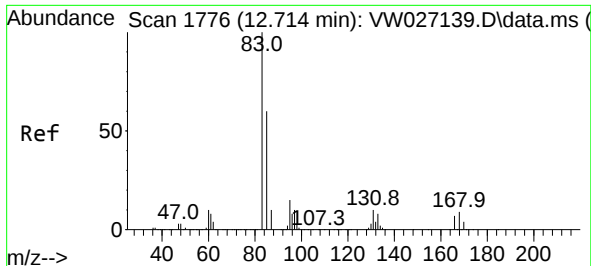
Tgt Ion:106 Resp: 383427
Ion Ratio Lower Upper
106 100
91 216.8 140.6 261.0



#55
Styrene
Concen: 27.442 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion:104 Resp: 661685
Ion Ratio Lower Upper
104 100
78 47.1 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.713 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

ClientSampleId :

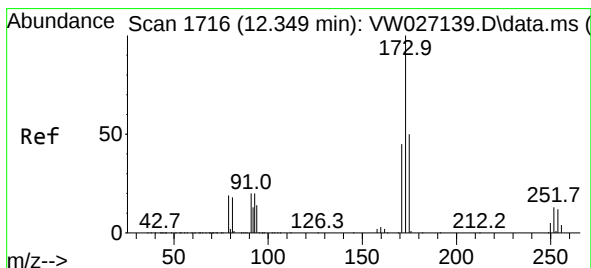
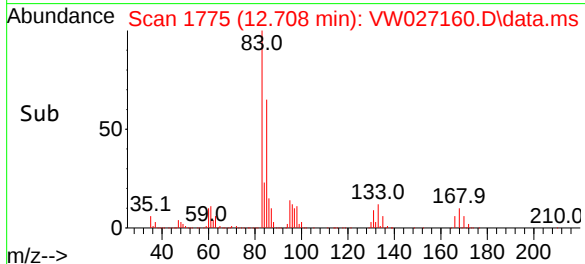
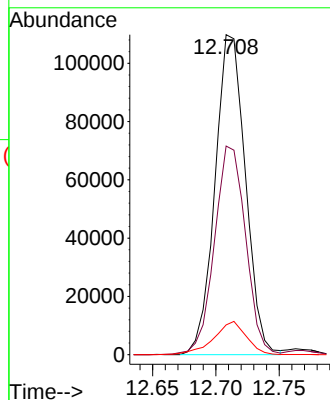
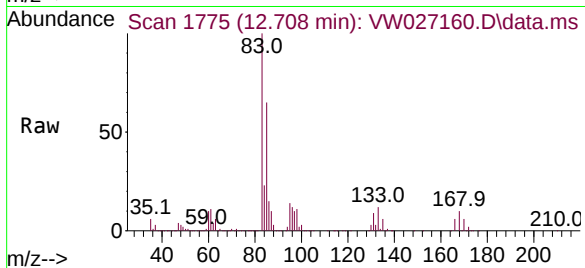
Tgt Ion: 83 Resp: 183885

Ion Ratio Lower Upper

83 100

85 65.2 42.5 78.9

131 9.3 7.8 11.8



#59

Bromoform

Concen: 23.821 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

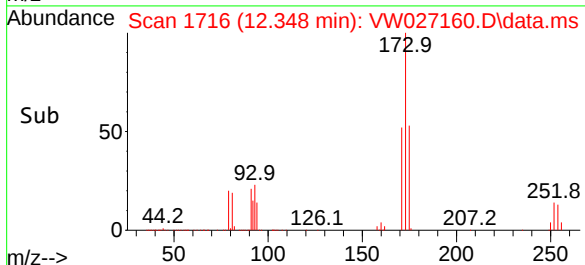
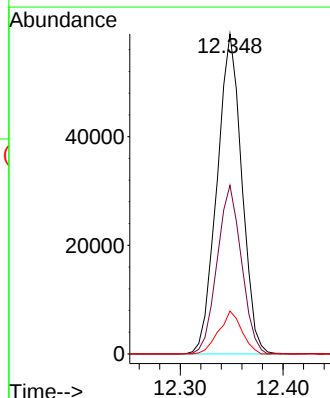
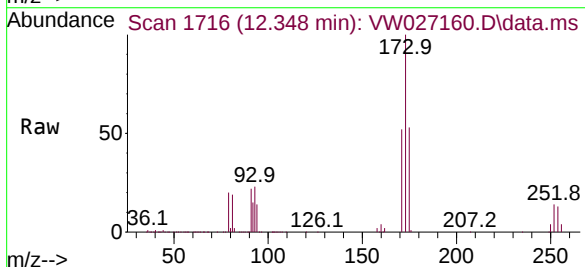
Tgt Ion:173 Resp: 98679

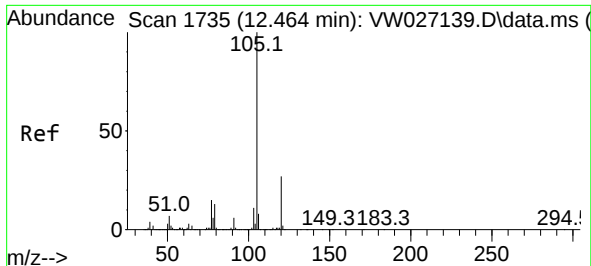
Ion Ratio Lower Upper

173 100

175 51.7 36.6 55.0

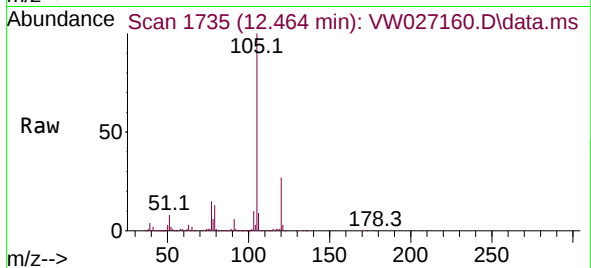
254 12.4 10.0 15.0



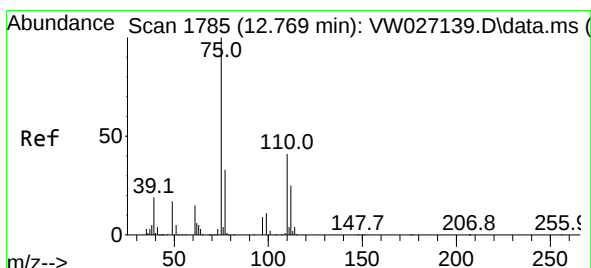
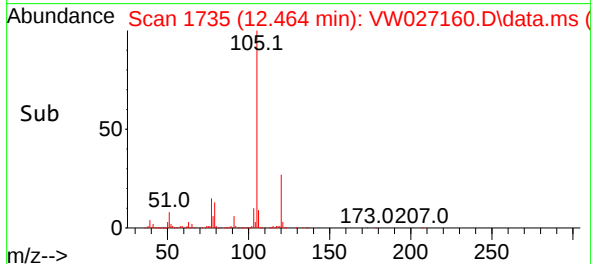
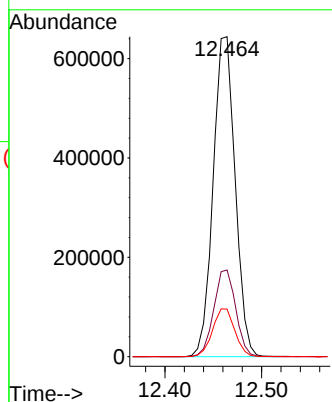


#60
Isopropylbenzene
Concen: 26.565 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Instrument :
MSVOA_W
ClientSampleId :

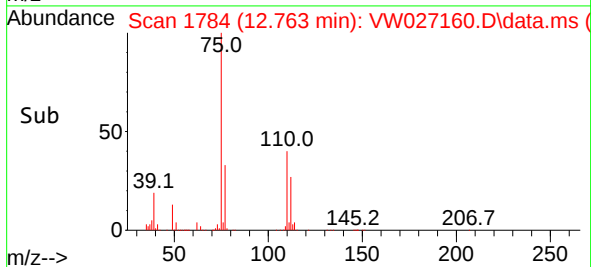
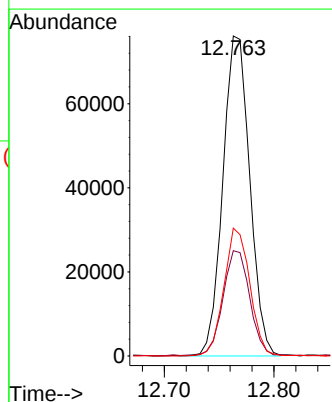
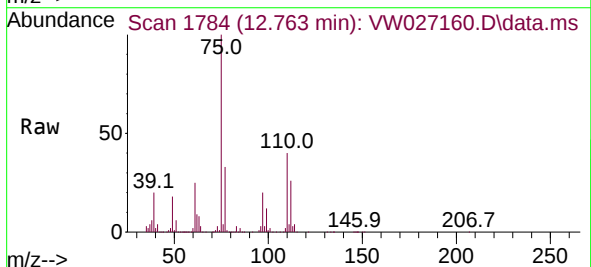


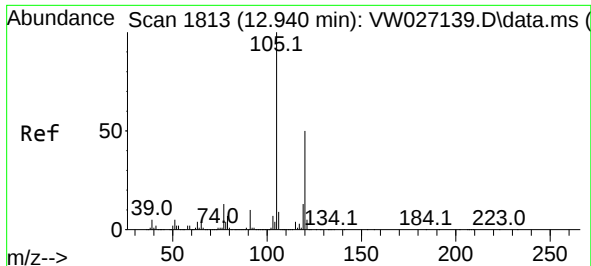
Tgt Ion:105 Resp: 1017726
Ion Ratio Lower Upper
105 100
120 27.0 21.0 31.4
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 24.343 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion: 75 Resp: 129822
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 38.4 31.6 47.4

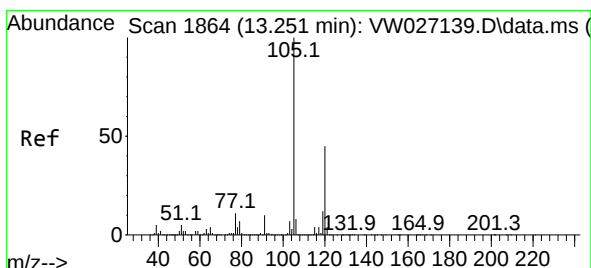
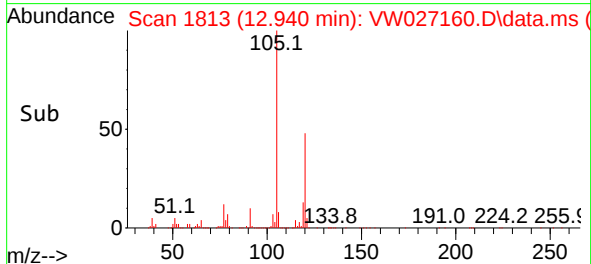
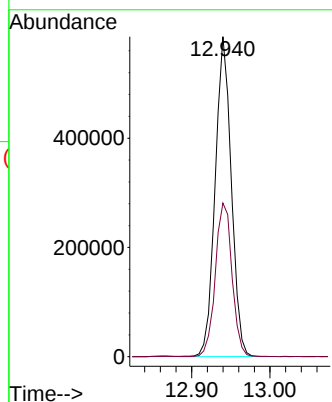
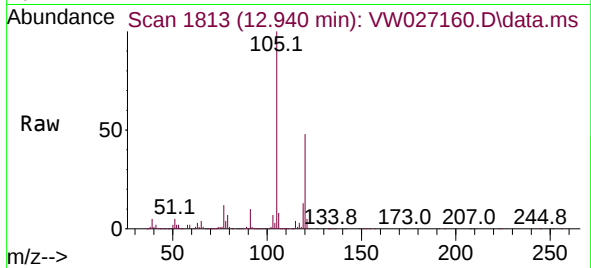




#62
1,3,5-Trimethylbenzene
Concen: 27.331 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

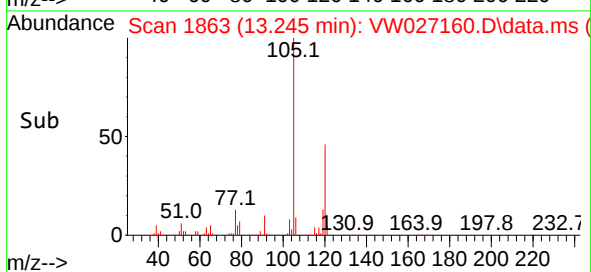
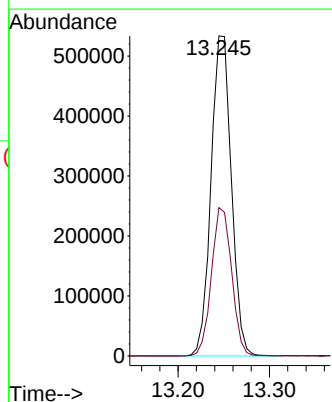
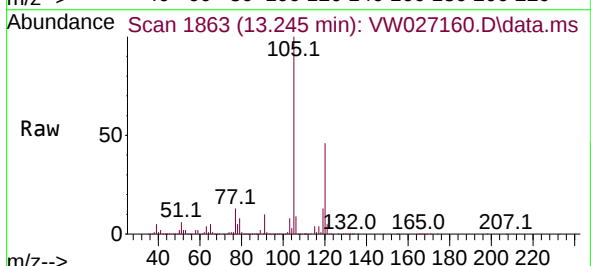
Instrument :
MSVOA_W
ClientSampleId :

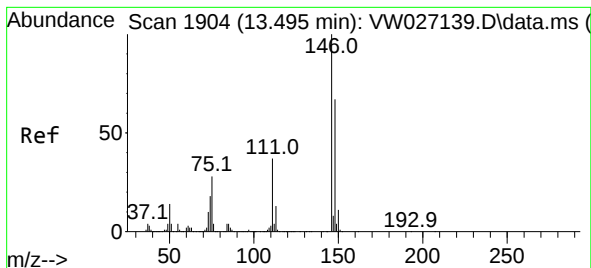
Tgt Ion:105 Resp: 837953
Ion Ratio Lower Upper
105 100
120 49.7 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 27.756 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW027160.D
Acq: 21 Sep 2023 13:59

Tgt Ion:105 Resp: 824532
Ion Ratio Lower Upper
105 100
120 46.0 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 24.708 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

ClientSampleId :

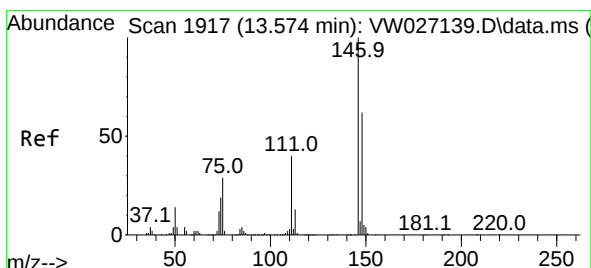
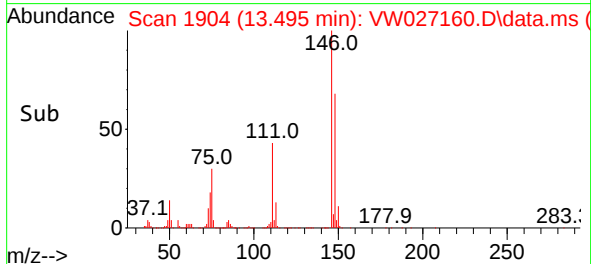
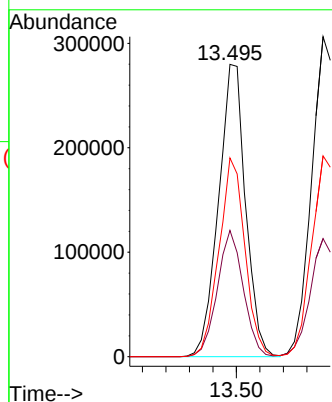
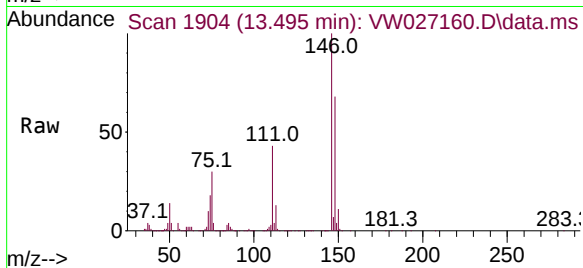
Tgt Ion:146 Resp: 447611

Ion Ratio Lower Upper

146 100

111 43.2 27.6 51.4

148 68.0 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 25.427 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

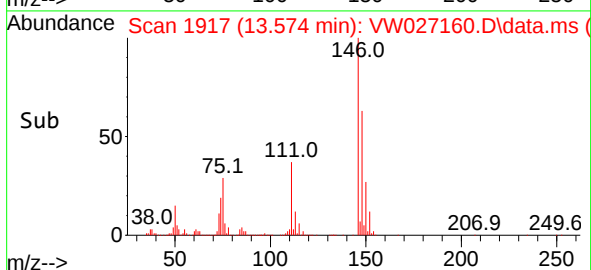
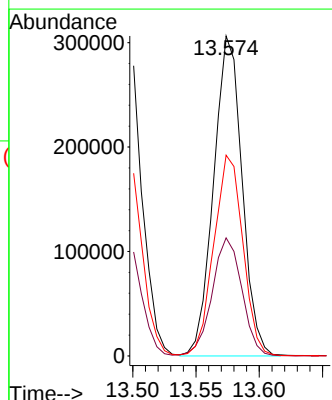
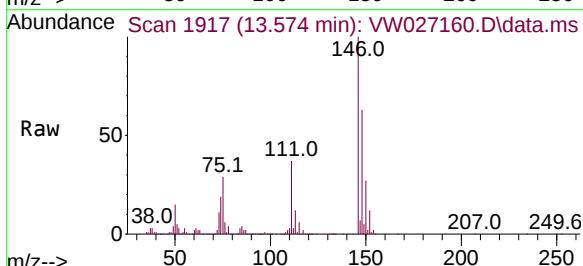
Tgt Ion:146 Resp: 478763

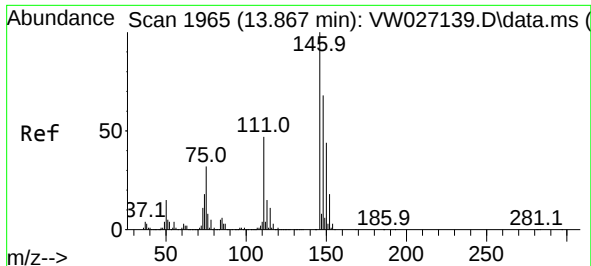
Ion Ratio Lower Upper

146 100

111 36.9 28.1 52.1

148 62.7 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 24.863 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

ClientSampleId :

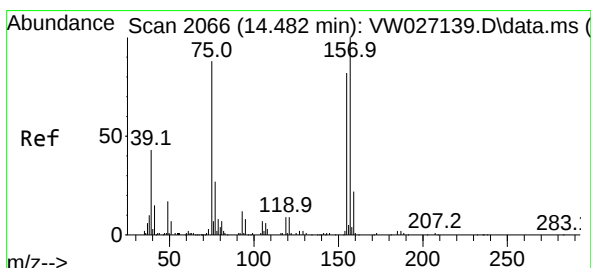
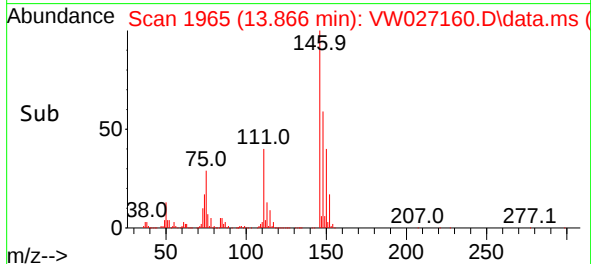
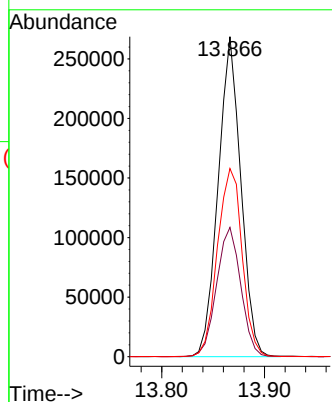
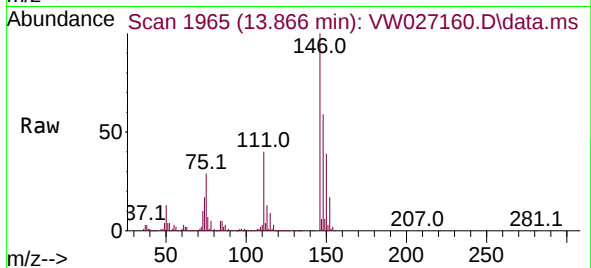
Tgt Ion:146 Resp: 411696

Ion Ratio Lower Upper

146 100

111 40.4 32.2 48.2

148 58.8 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.733 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

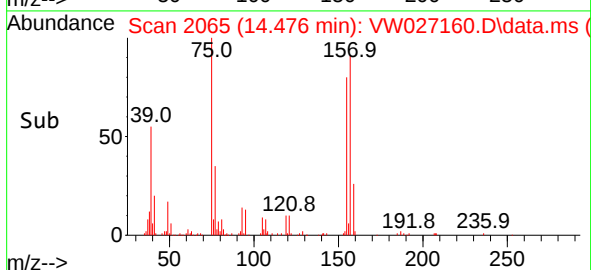
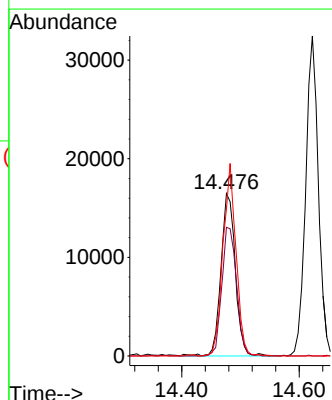
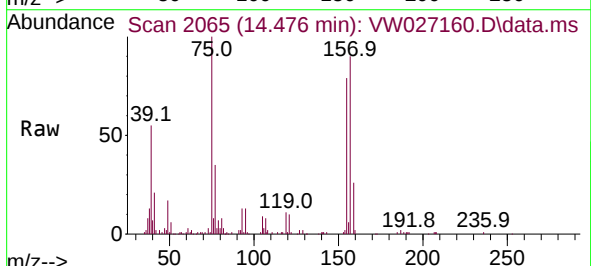
Tgt Ion: 75 Resp: 28029

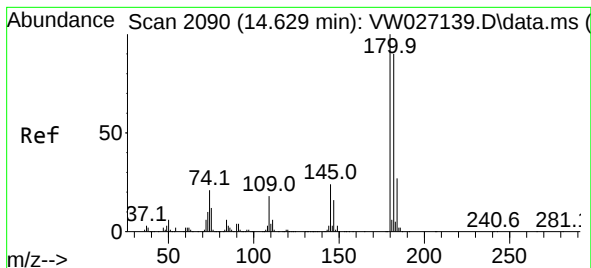
Ion Ratio Lower Upper

75 100

155 79.2 58.7 88.1

157 90.5 95.9 143.9#





#69

1,3,5-Trichlorobenzene

Concen: 25.255 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

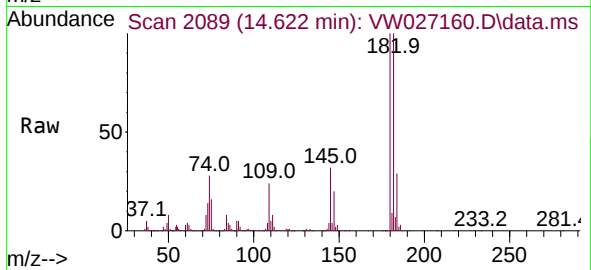
Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 329347

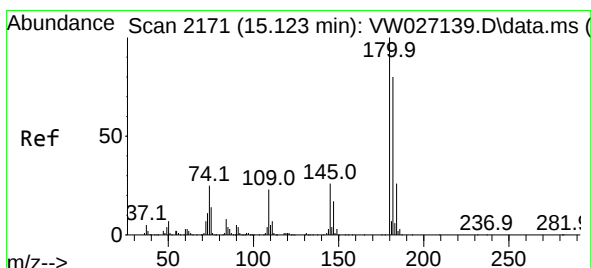
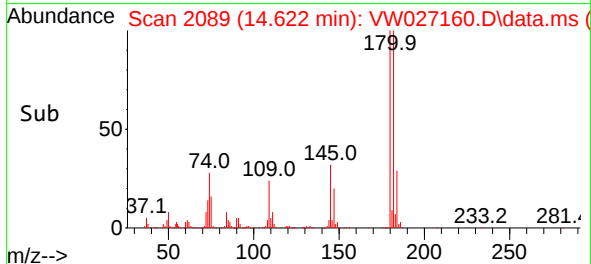
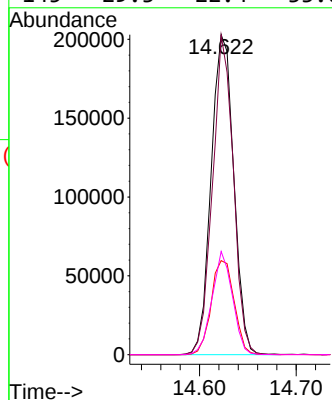
Ion Ratio Lower Upper

180 100

182 91.8 76.6 115.0

184 29.9 23.8 35.8

145 29.3 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 24.875 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

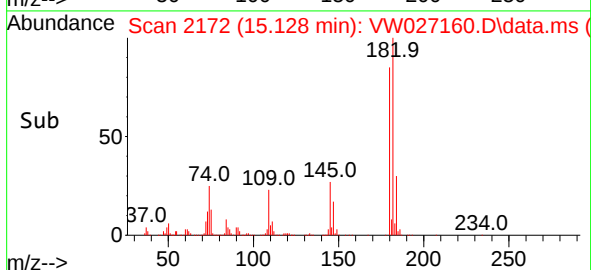
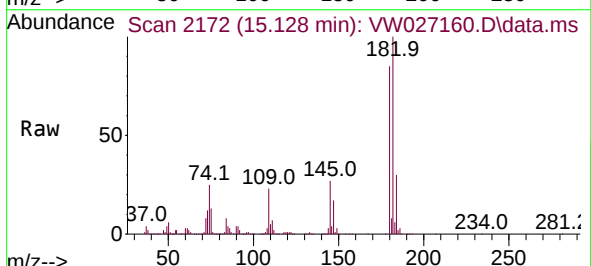
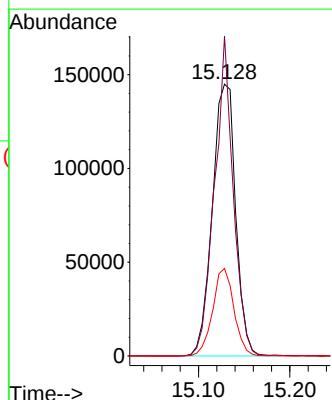
Tgt Ion:180 Resp: 257088

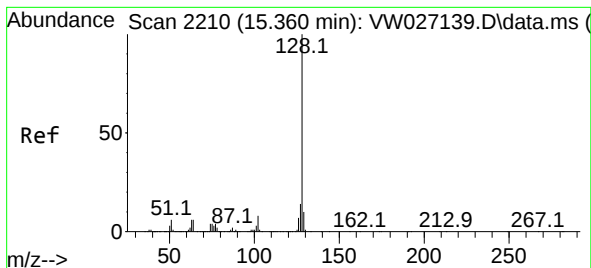
Ion Ratio Lower Upper

180 100

182 94.5 78.2 117.4

145 29.4 24.6 36.8





#71

Naphthalene

Concen: 26.259 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Instrument :

MSVOA_W

ClientSampleId :

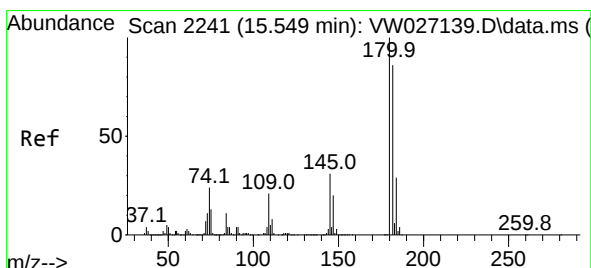
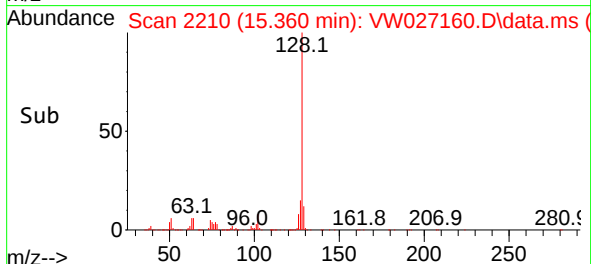
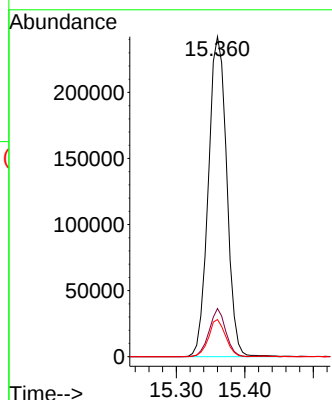
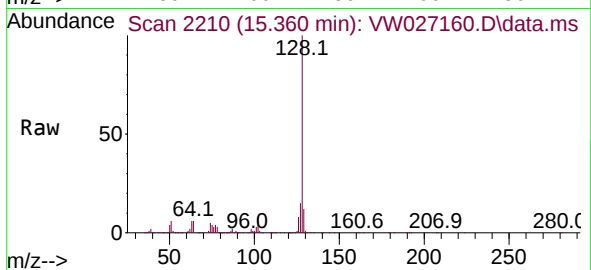
Tgt Ion:128 Resp: 451477

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.662 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027160.D

Acq: 21 Sep 2023 13:59

Tgt Ion:180 Resp: 239434

Ion Ratio Lower Upper

180 100

182 92.6 79.0 118.6

145 31.4 25.4 38.2

