

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027278.D
 Acq On : 11 Oct 2023 10:04
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 12 00:58:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 00:57:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	520565	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	464965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	235567	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	19302	2.430	ug/L	0.00
7) Chloroethane-d5	2.905	69	12309	2.158	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	9815	2.466	ug/L	0.00
21) 2-Butanone-d5	7.203	46	188	0.071	ug/L	0.13
24) Chloroform-d	7.648	84	36846	2.375	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	19691	2.363	ug/L	0.00
32) Benzene-d6	8.276	84	78337	2.490	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	23294	2.424	ug/L	0.00
41) Toluene-d8	10.325	98	72297	2.534	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10195	2.315	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	8738	4.395	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17682	2.467	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	21292	2.494	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.027	85	13119	2.114	ug/L #	85
3) Chloromethane	2.216	50	17283	2.428	ug/L	97
5) Vinyl chloride	2.375	62	20920	2.631	ug/L	94
6) Bromomethane	2.783	94	11612	2.564	ug/L	99
8) Chloroethane	2.936	64	11458	2.504	ug/L	85
9) Trichlorofluoromethane	3.265	101	12686	2.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	15733	2.313	ug/L #	73
12) 1,1-Dichloroethene	4.039	96	17233	2.508	ug/L	96
13) Acetone	4.124	43	10039	4.501	ug/L	94
14) Carbon disulfide	4.387	76	56167	2.654	ug/L	99
15) Methyl Acetate	4.673	43	9273	2.380	ug/L #	76
16) Methylene chloride	4.917	84	34477	3.626	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	19290	2.630	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	30535	2.412	ug/L	95
19) 1,1-Dichloroethane	6.215	63	37170	2.483	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	21072	2.543	ug/L	96
22) 2-Butanone	7.173	43	9188	2.691	ug/L	82
23) Bromochloromethane	7.520	128	8635	2.525	ug/L	91
25) Chloroform	7.679	83	35192	2.512	ug/L	98
27) 1,2-Dichloroethane	8.398	62	22825	2.399	ug/L	97
29) Cyclohexane	7.953	56	37656	2.667	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	29117	2.567	ug/L	98
31) Carbon tetrachloride	8.075	117	26649	2.606	ug/L	97
33) Benzene	8.325	78	78786	2.593	ug/L	100
34) Trichloroethene	9.093	95	20270	2.525	ug/L	97
35) Methylcyclohexane	9.331	83	37482	2.611	ug/L	97
37) 1,2-Dichloropropane	9.367	63	21403	2.605	ug/L	98
38) Bromodichloromethane	9.642	83	25129	2.487	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	33829	2.492	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	27355	4.841	ug/L	98
42) Toluene	10.385	91	83193	2.610	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	28467	2.486	ug/L	99

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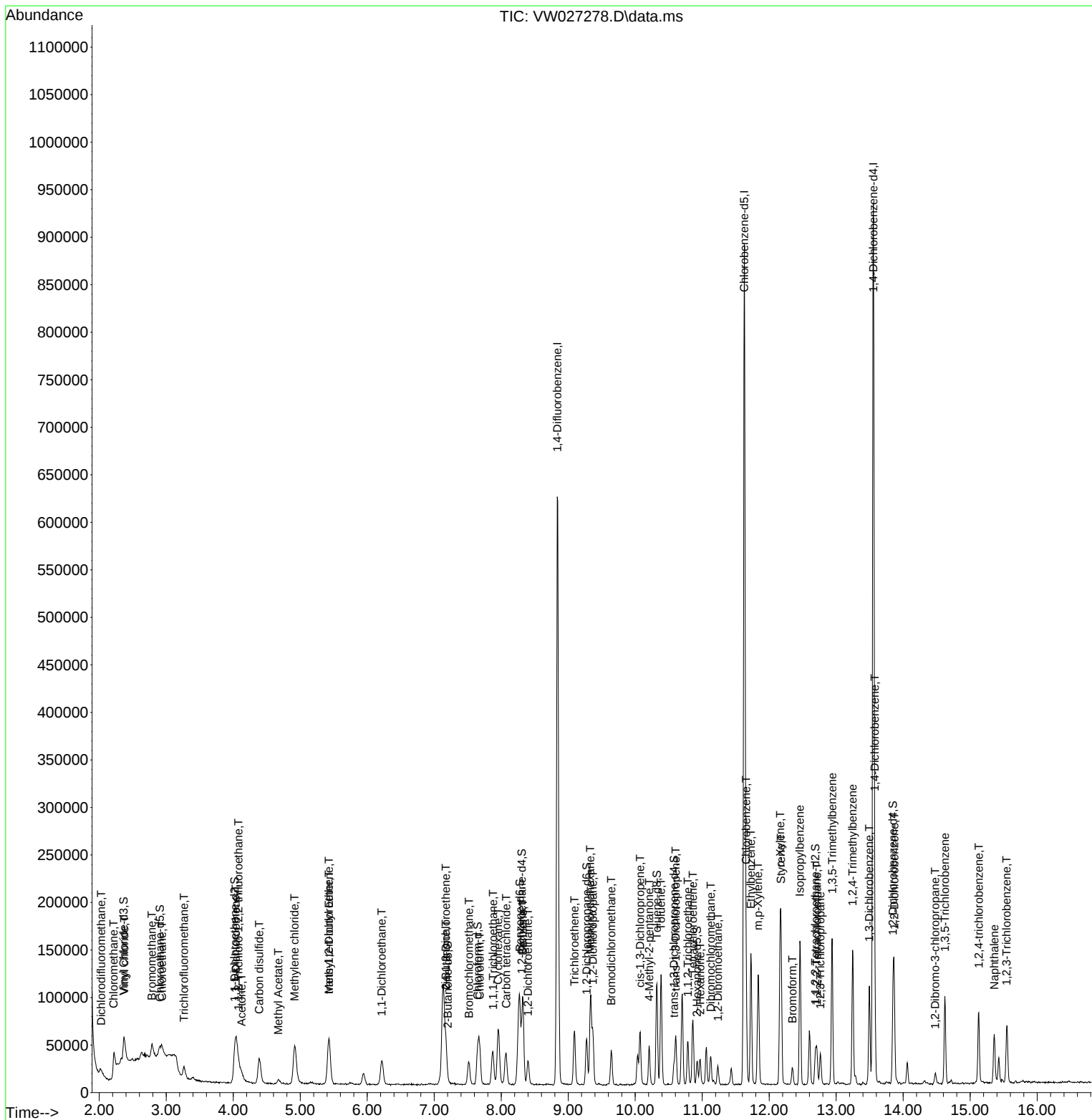
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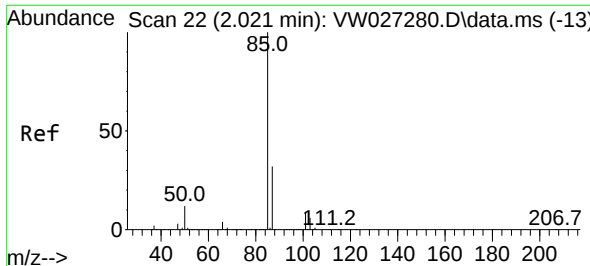
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 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 00:57:57 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	13842	2.448	ug/L	94
46) Tetrachloroethene	10.861	164	14750	2.661	ug/L	94
48) 2-Hexanone	10.971	43	18321	4.381	ug/L	99
49) Dibromochloromethane	11.129	129	15675	2.496	ug/L	96
50) 1,2-Dibromoethane	11.233	107	13494	2.462	ug/L	91
51) Chlorobenzene	11.654	112	51239	2.567	ug/L	98
52) Ethylbenzene	11.727	91	94834	2.560	ug/L	93
53) m,p-Xylene	11.836	106	35893	2.555	ug/L	97
54) o-Xylene	12.166	106	34429	2.559	ug/L	97
55) Styrene	12.178	104	57916	2.520	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	16716	2.422	ug/L	99
59) Bromoform	12.349	173	7953	2.269	ug/L #	95
60) Isopropylbenzene	12.458	105	94709	2.559	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	12667	2.463	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	80016	2.592	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	76703	2.540	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	37232	2.481	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	39700	2.649	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	34432	2.586	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	3268	2.542	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	25935	2.662	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	22031	2.657	ug/L	97
71) Naphthalene	15.360	128	43421	2.547	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	18809	2.759	ug/L	95

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

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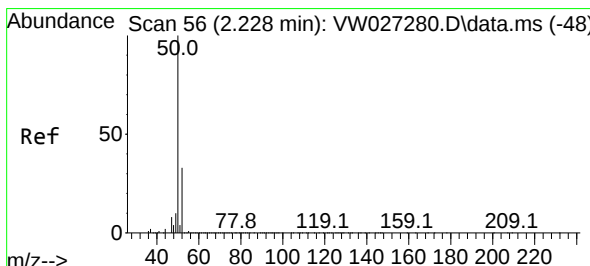
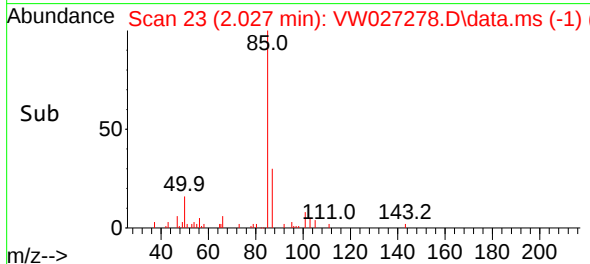
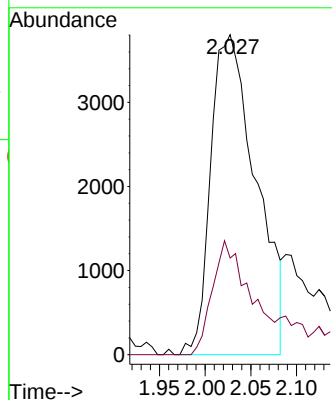
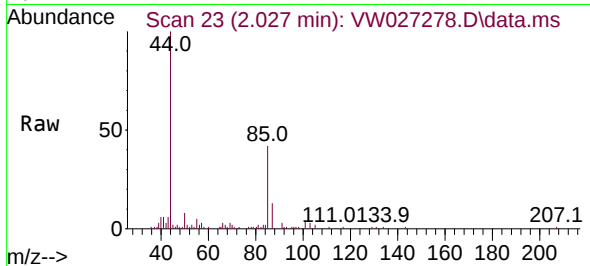




#2
 Dichlorodifluoromethane
 Concen: 2.114 ug/L
 RT: 2.027 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027278.D
 Acq: 11 Oct 2023 10:04

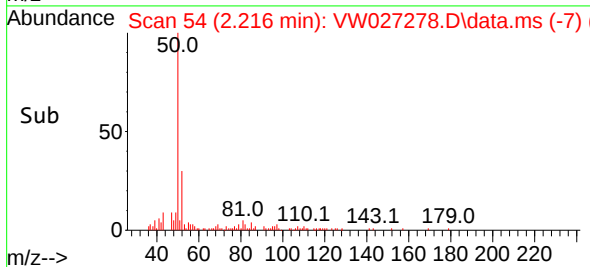
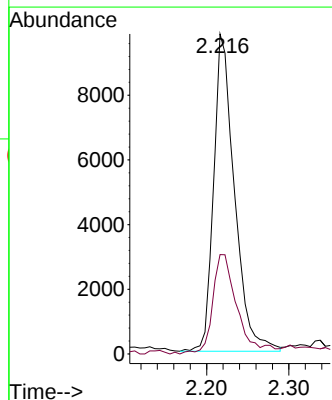
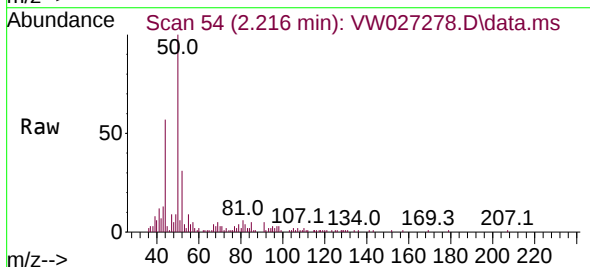
Instrument :
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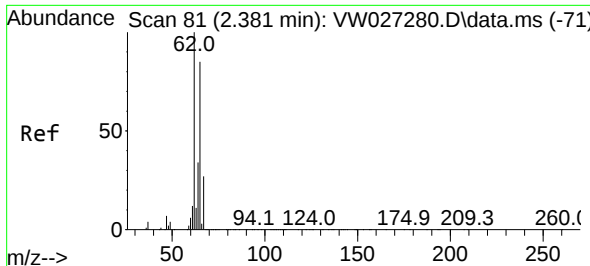
Tgt Ion: 85 Resp: 13119
 Ion Ratio Lower Upper
 85 100
 87 30.0 18.3 27.5#



#3
 Chloromethane
 Concen: 2.428 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.012 min
 Lab File: VW027278.D
 Acq: 11 Oct 2023 10:04

Tgt Ion: 50 Resp: 17283
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.7 42.3

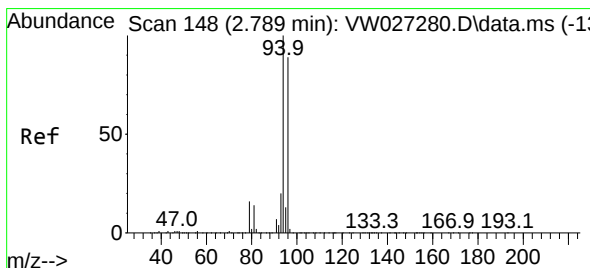
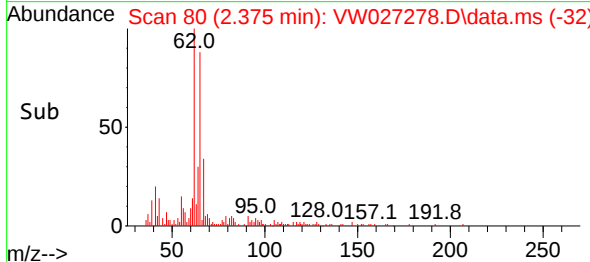
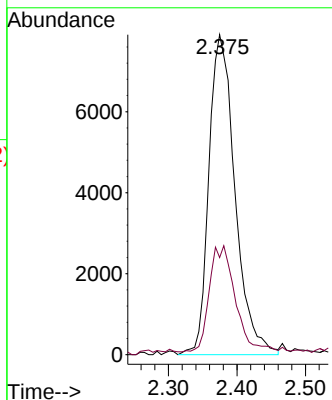
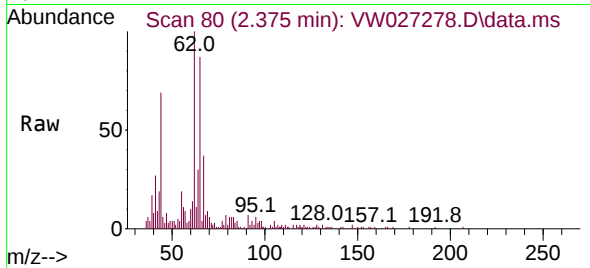




#5
 Vinyl chloride
 Concen: 2.631 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027278.D
 Acq: 11 Oct 2023 10:04

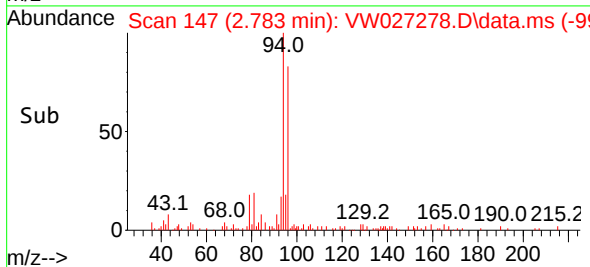
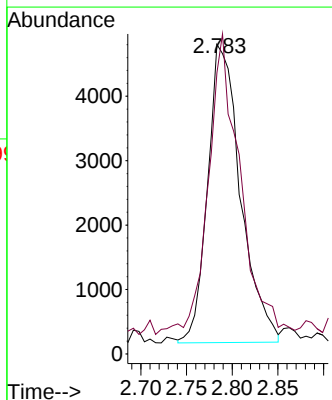
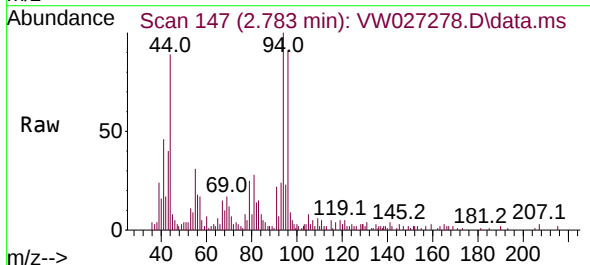
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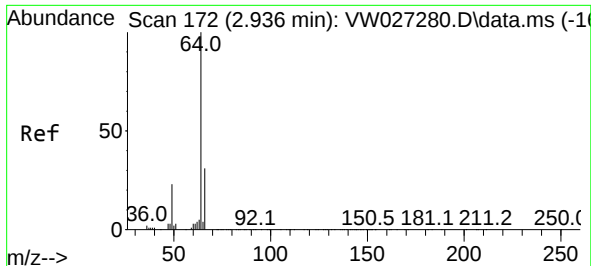
Tgt Ion: 62 Resp: 20920
 Ion Ratio Lower Upper
 62 100
 64 30.4 23.8 44.2



#6
 Bromomethane
 Concen: 2.564 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW027278.D
 Acq: 11 Oct 2023 10:04

Tgt Ion: 94 Resp: 11612
 Ion Ratio Lower Upper
 94 100
 96 90.8 62.9 116.9

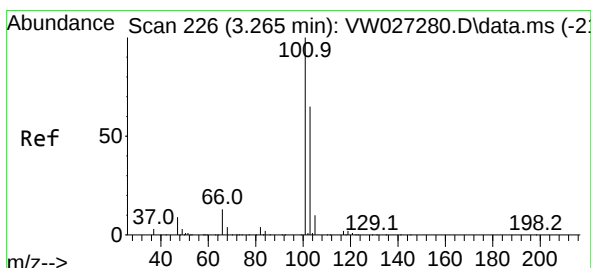
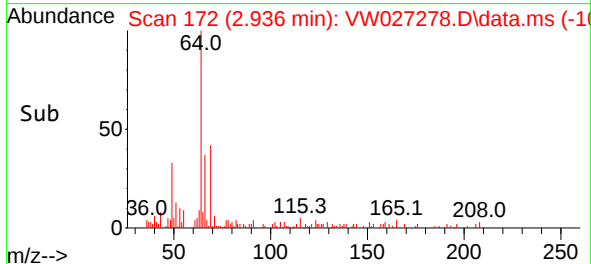
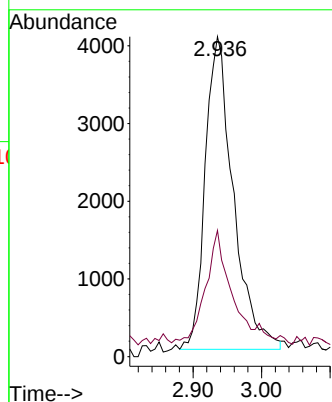
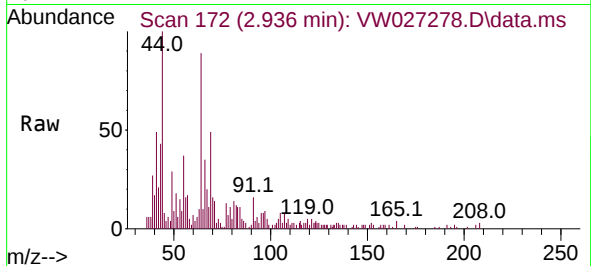




#8
Chloroethane
Concen: 2.504 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

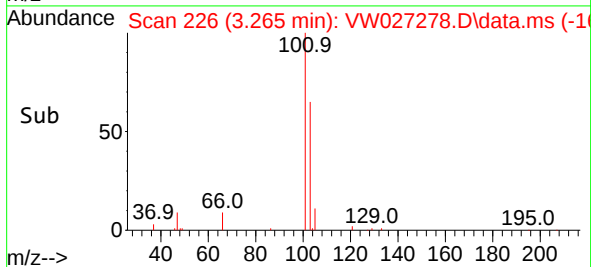
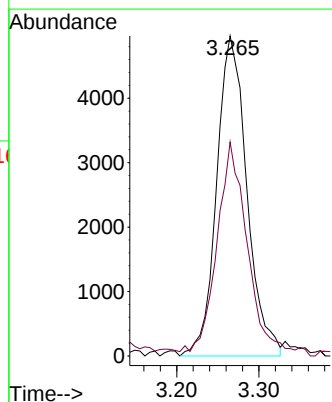
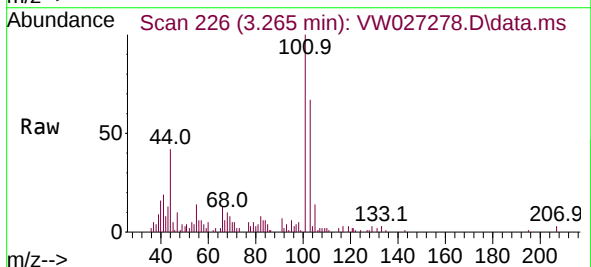
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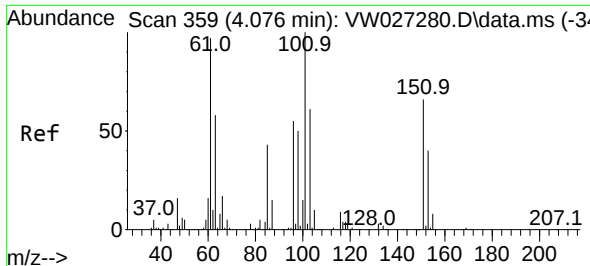
Tgt Ion: 64 Resp: 11458
Ion Ratio Lower Upper
64 100
66 39.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.262 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion:101 Resp: 12686
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

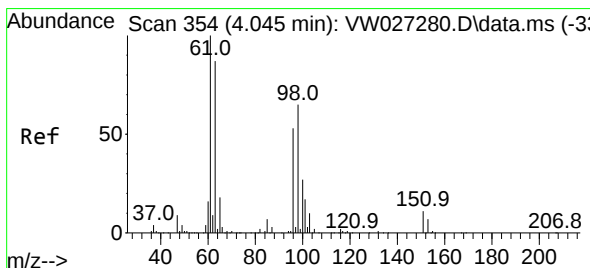
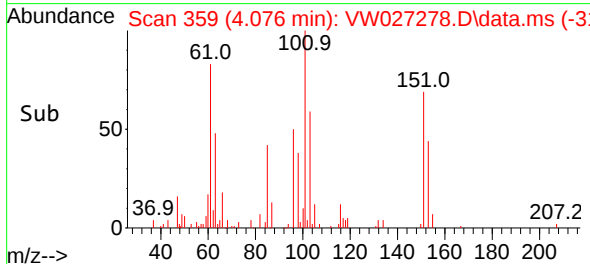
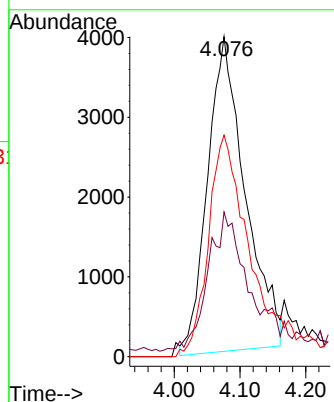
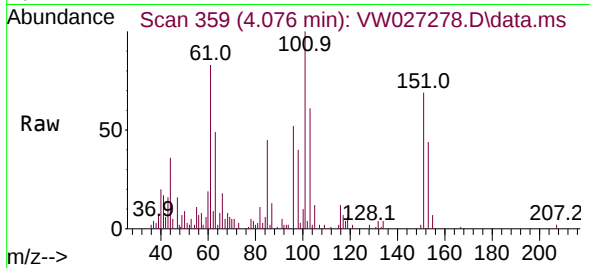




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.313 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW027278.D
 Acq: 11 Oct 2023 10:04

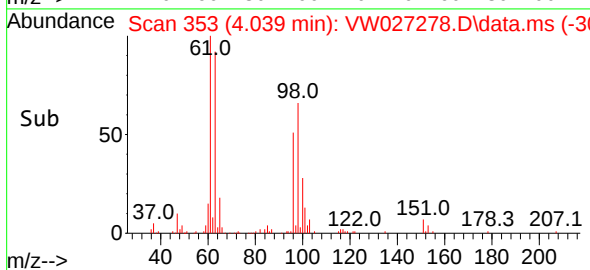
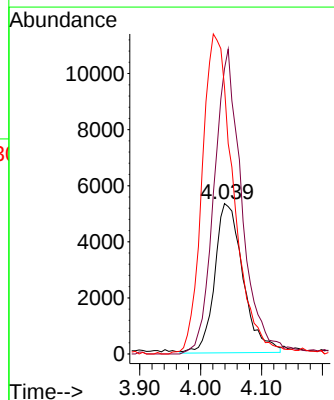
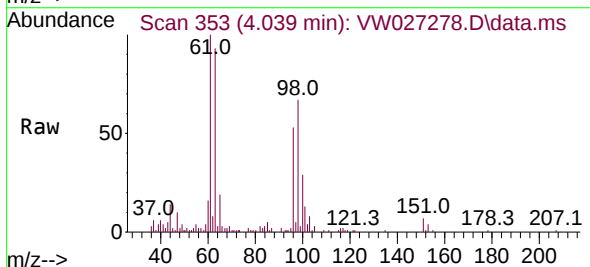
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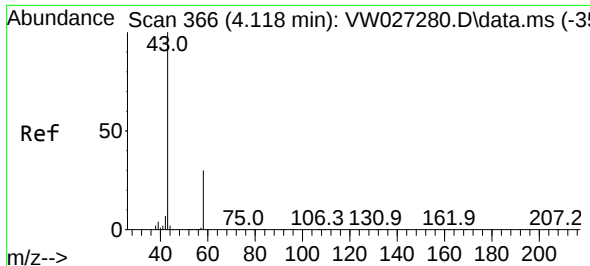
Tgt Ion:101 Resp: 15733
 Ion Ratio Lower Upper
 101 100
 85 15.7 34.1 51.1#
 151 74.2 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 2.508 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027278.D
 Acq: 11 Oct 2023 10:04

Tgt Ion: 96 Resp: 17233
 Ion Ratio Lower Upper
 96 100
 61 189.8 133.3 247.5
 63 177.3 115.8 215.2

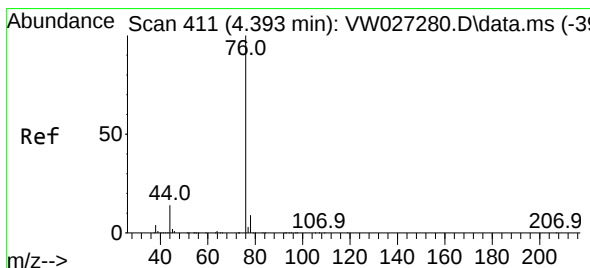
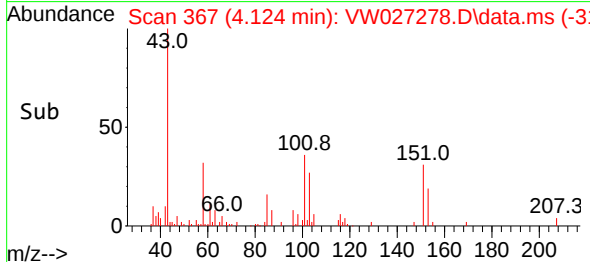
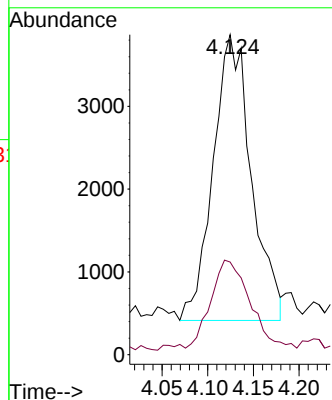
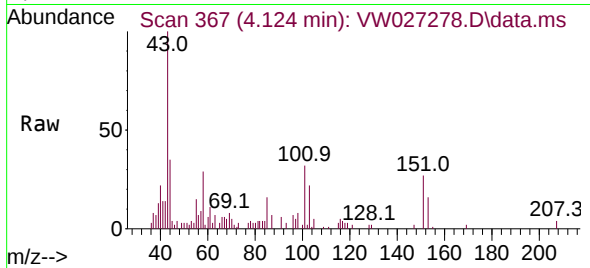




#13
Acetone
Concen: 4.501 ug/L
RT: 4.124 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

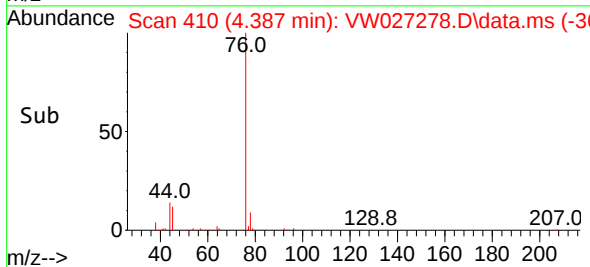
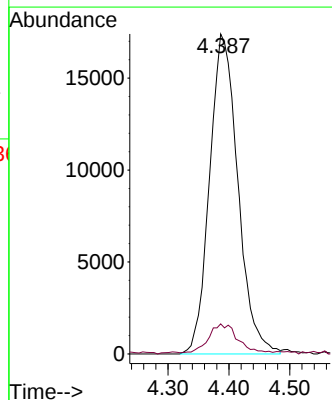
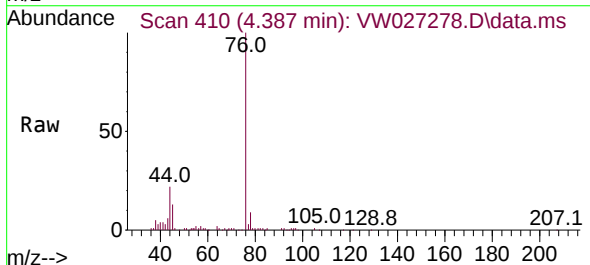
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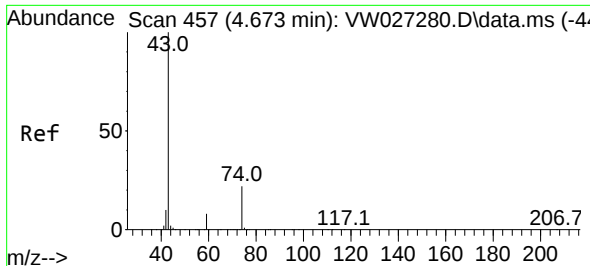
Tgt Ion: 43 Resp: 10039
Ion Ratio Lower Upper
43 100
58 33.9 0.0 60.8



#14
Carbon disulfide
Concen: 2.654 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

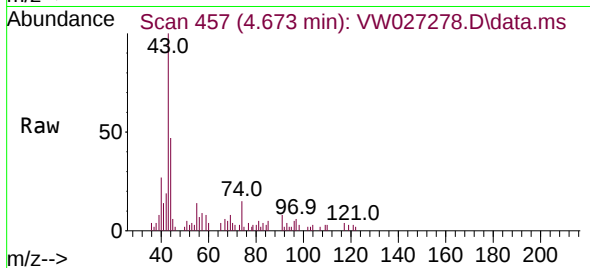
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Ion Ratio Lower Upper
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78 9.4 7.2 10.8



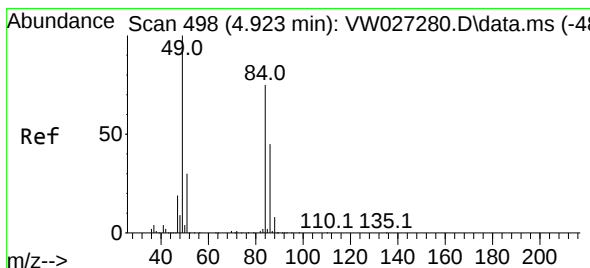
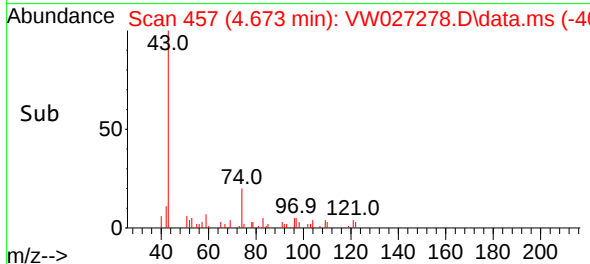
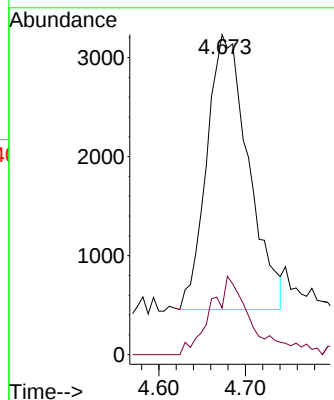


#15
Methyl Acetate
Concen: 2.380 ug/L
RT: 4.673 min Scan# 415
Delta R.T. -0.000 min
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Acq: 11 Oct 2023 10:04

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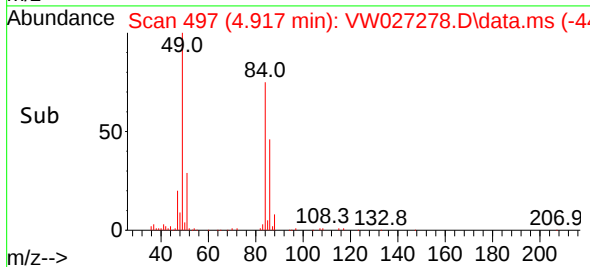
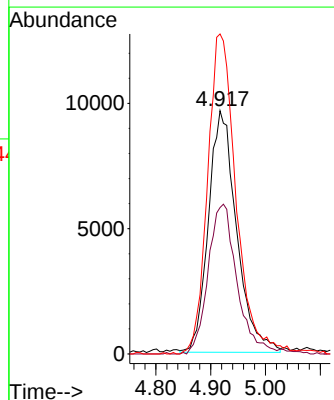
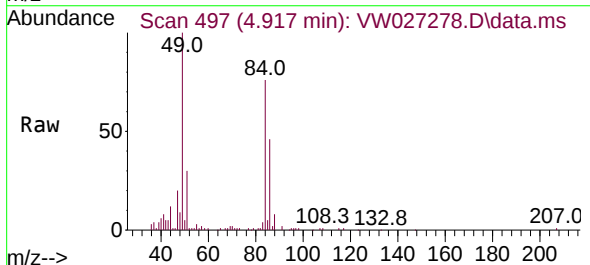


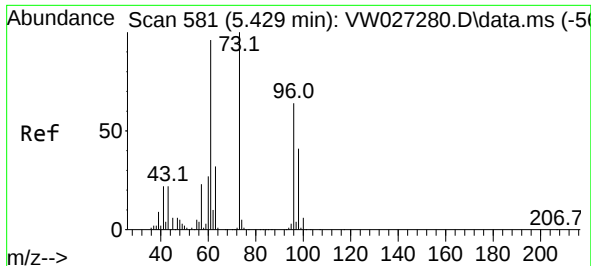
Tgt Ion: 43 Resp: 9273
Ion Ratio Lower Upper
43 100
74 10.6 17.5 26.3#



#16
Methylene chloride
Concen: 3.626 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion: 84 Resp: 34477
Ion Ratio Lower Upper
84 100
86 60.2 41.3 76.7
49 131.6 92.8 172.4

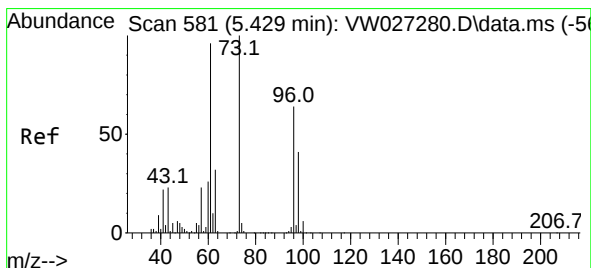
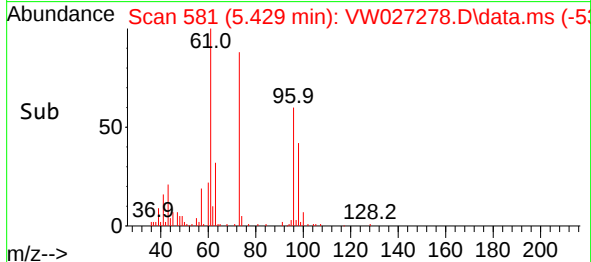
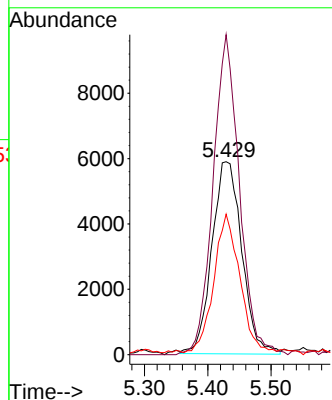
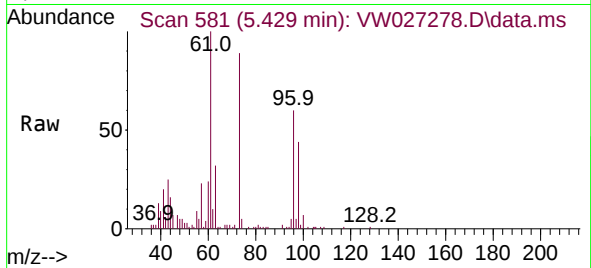




#17
trans-1,2-Dichloroethene
Concen: 2.630 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

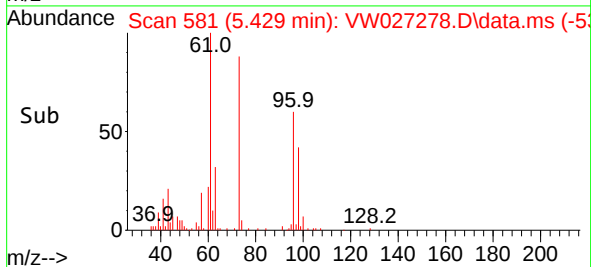
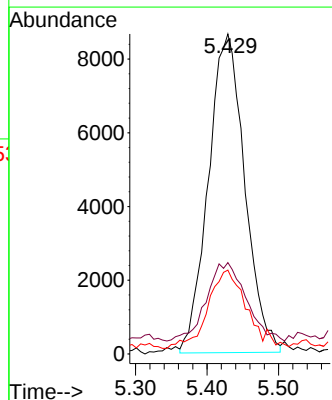
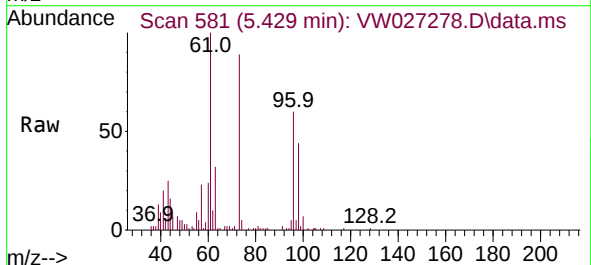
Instrument :
MSVOA_W
ClientSampleId :

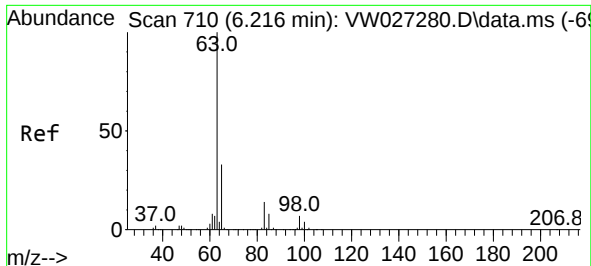
Tgt Ion: 96 Resp: 19290
Ion Ratio Lower Upper
96 100
61 165.8 105.6 196.0
98 72.8 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 2.412 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion: 73 Resp: 30535
Ion Ratio Lower Upper
73 100
43 26.2 17.7 26.5
57 22.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 2.483 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

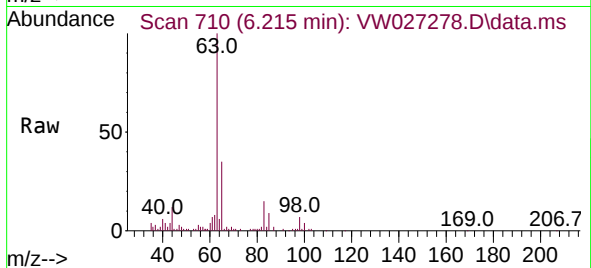
Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

ClientSampleId :



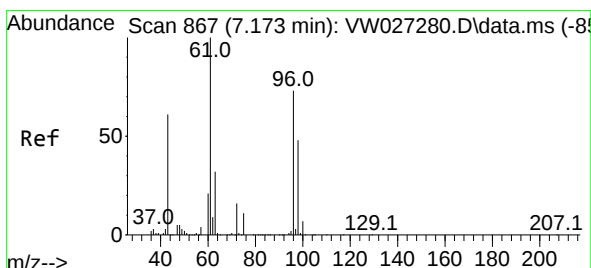
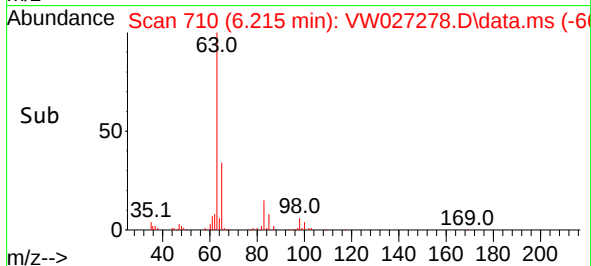
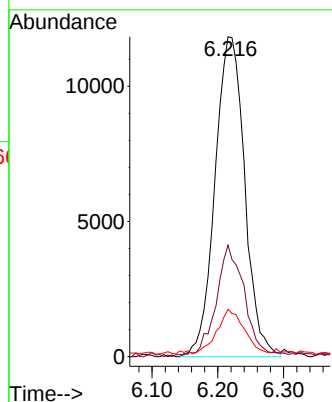
Tgt Ion: 63 Resp: 37170

Ion Ratio Lower Upper

63 100

65 34.9 22.9 42.5

83 14.8 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 2.543 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

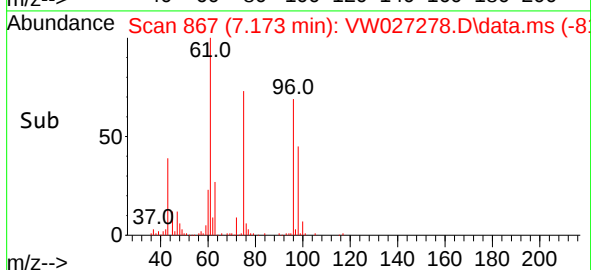
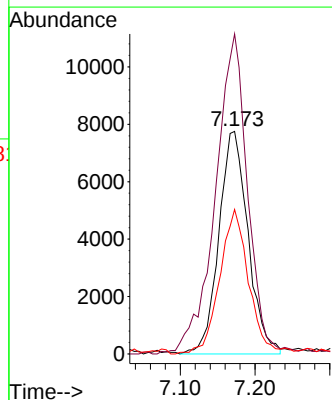
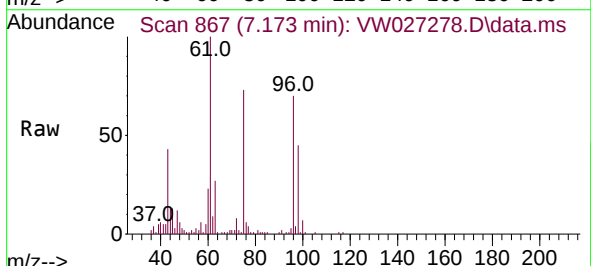
Tgt Ion: 96 Resp: 21072

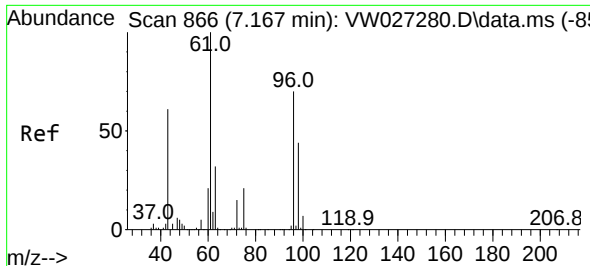
Ion Ratio Lower Upper

96 100

61 143.8 96.2 178.8

98 64.9 46.0 85.4

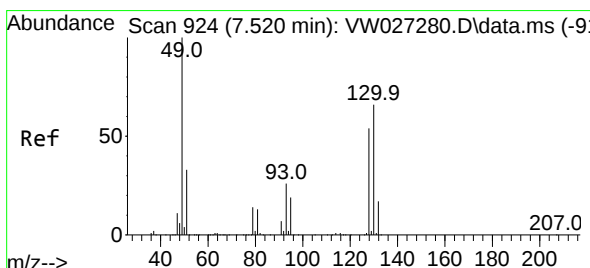
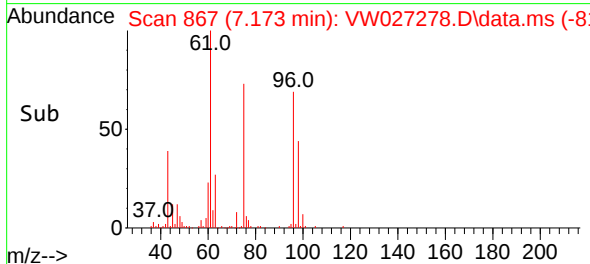
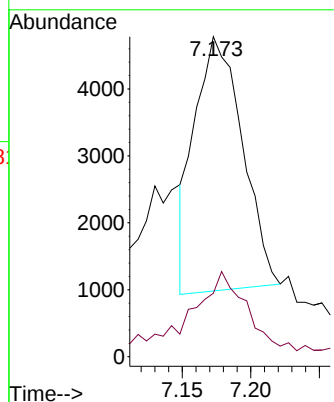
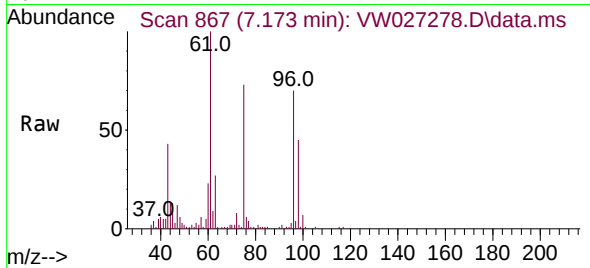




#22
2-Butanone
Concen: 2.691 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

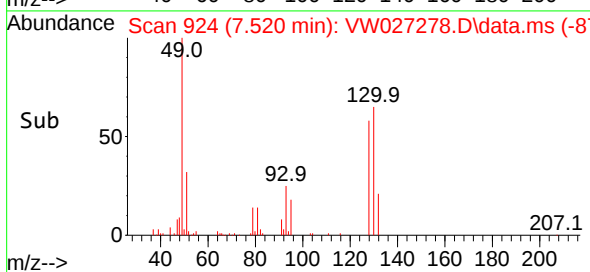
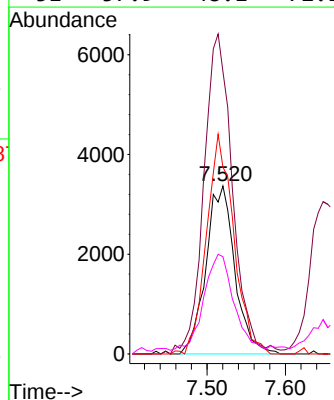
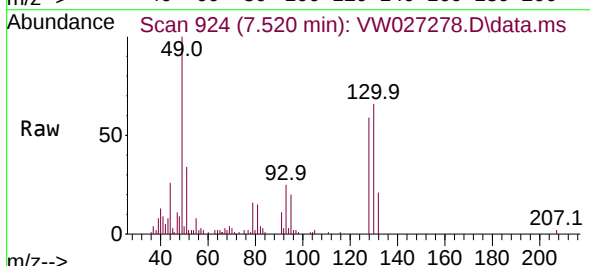
Instrument :
MSVOA_W
ClientSampleId :

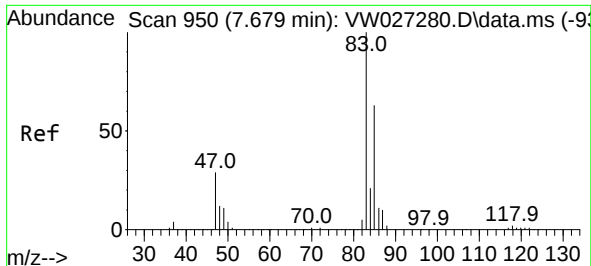
Tgt Ion: 43 Resp: 9188
Ion Ratio Lower Upper
43 100
72 33.7 12.3 36.8



#23
Bromochloromethane
Concen: 2.525 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion: 128 Resp: 8635
Ion Ratio Lower Upper
128 100
49 168.2 128.9 239.5
130 111.2 85.0 157.8
51 57.9 48.1 72.1





#25

Chloroform

Concen: 2.512 ug/L

RT: 7.679 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

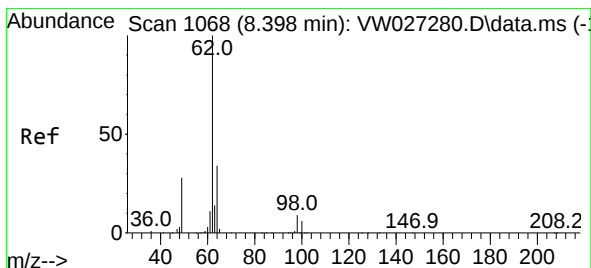
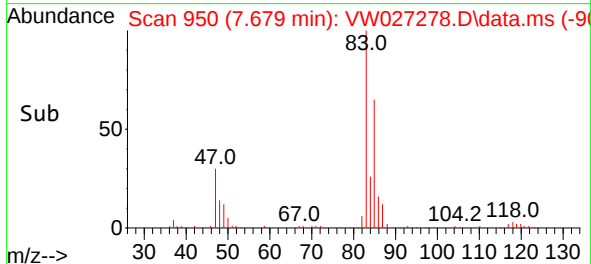
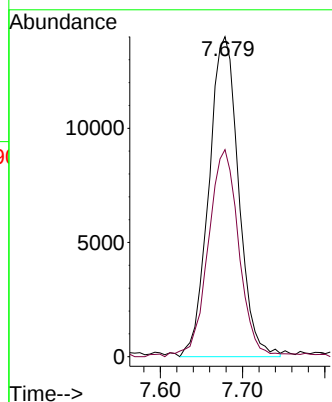
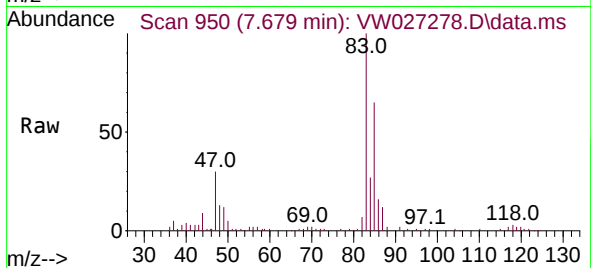
ClientSampleId :

Tgt Ion: 83 Resp: 35192

Ion Ratio Lower Upper

83 100

85 64.7 44.1 81.9



#27

1,2-Dichloroethane

Concen: 2.399 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW027278.D

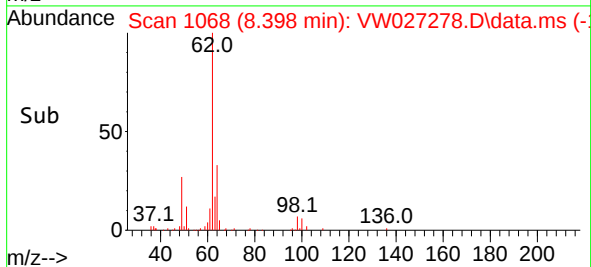
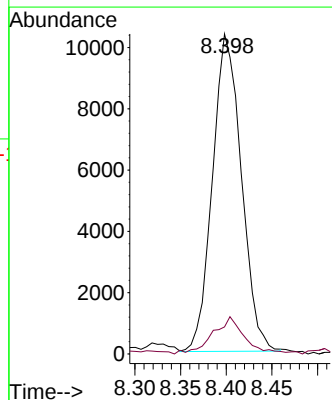
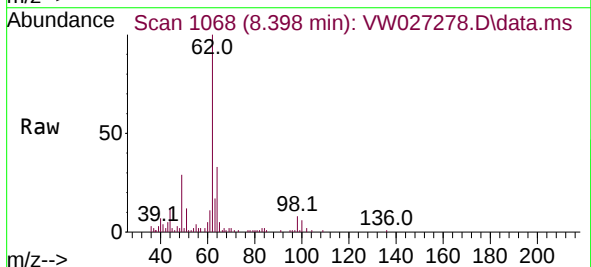
Acq: 11 Oct 2023 10:04

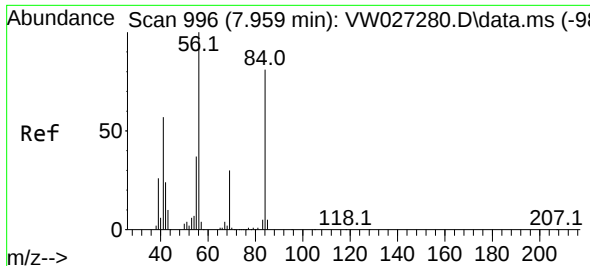
Tgt Ion: 62 Resp: 22825

Ion Ratio Lower Upper

62 100

98 8.4 7.5 11.3





#29

Cyclohexane

Concen: 2.667 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

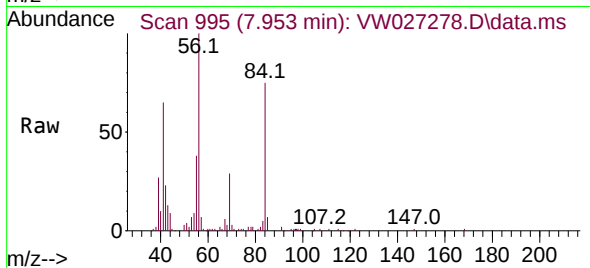
Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

ClientSampleId :



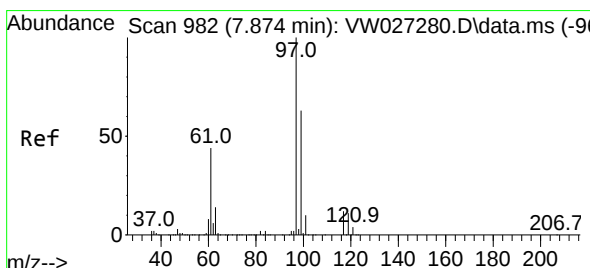
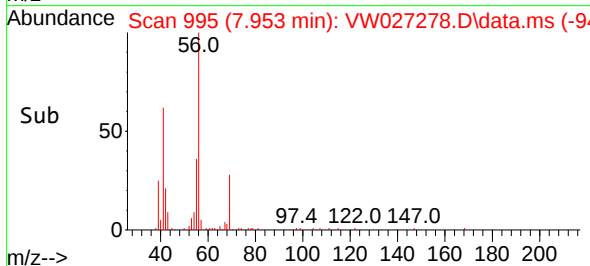
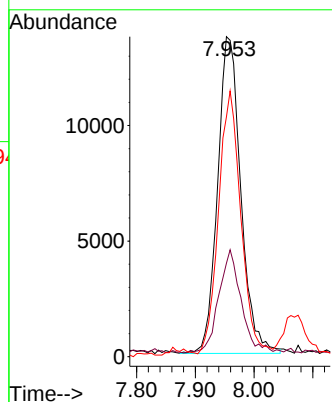
Tgt Ion: 56 Resp: 37656

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 79.6 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 2.567 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

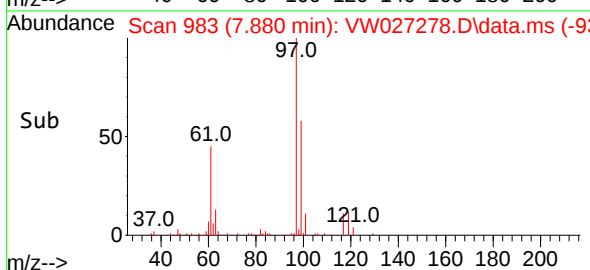
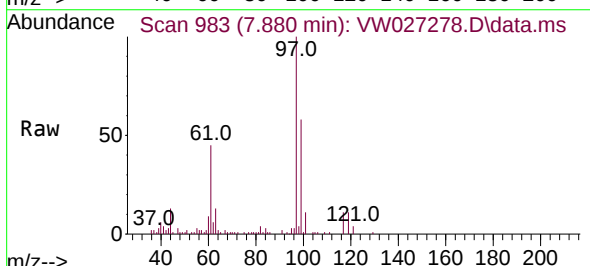
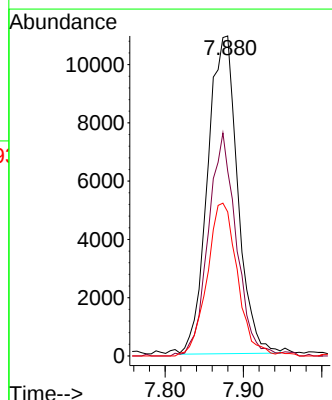
Tgt Ion: 97 Resp: 29117

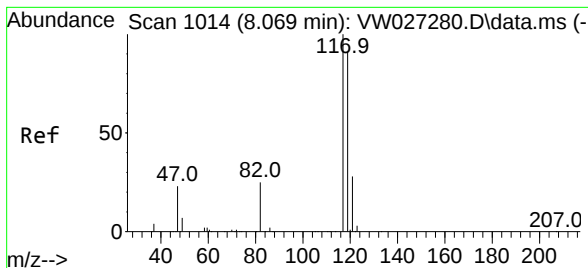
Ion Ratio Lower Upper

97 100

99 65.3 51.4 77.0

61 48.5 37.4 56.0





#31

Carbon tetrachloride

Concen: 2.606 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

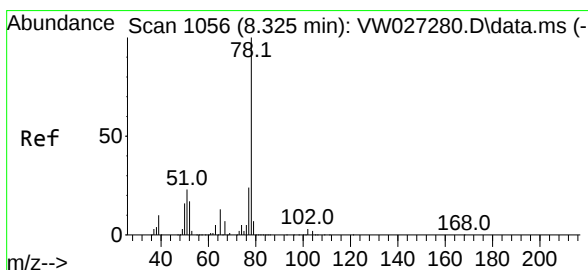
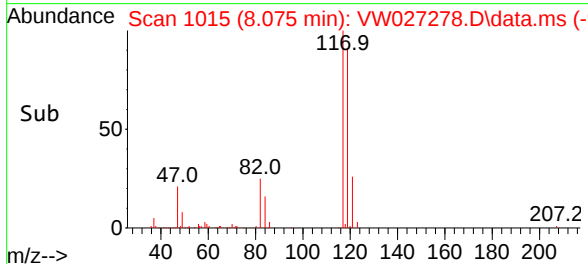
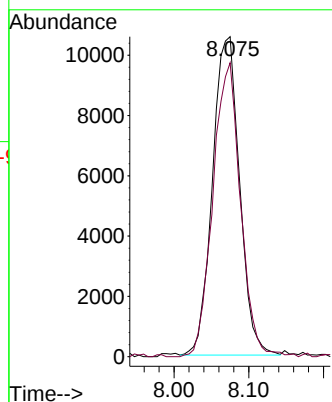
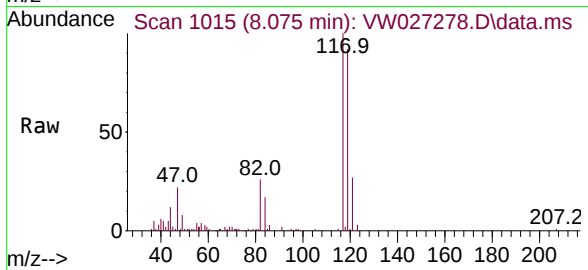
ClientSampleId :

Tgt Ion:117 Resp: 26649

Ion Ratio Lower Upper

117 100

119 93.8 77.1 115.7



#33

Benzene

Concen: 2.593 ug/L

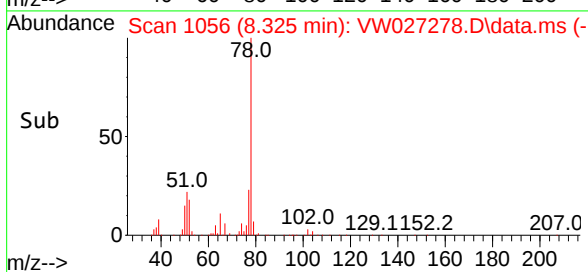
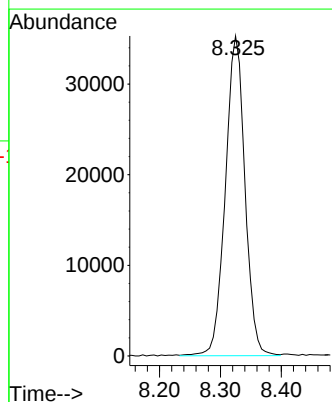
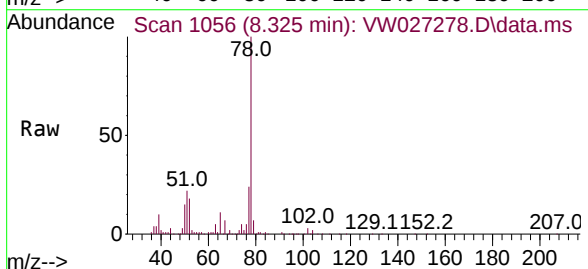
RT: 8.325 min Scan# 1056

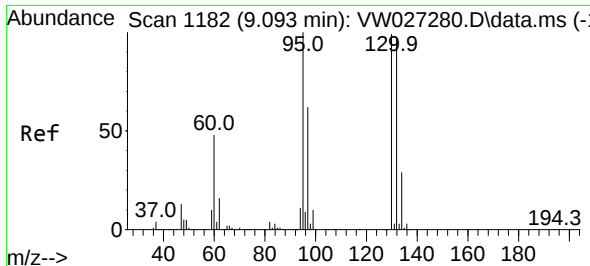
Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Tgt Ion: 78 Resp: 78786





#34

Trichloroethene

Concen: 2.525 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

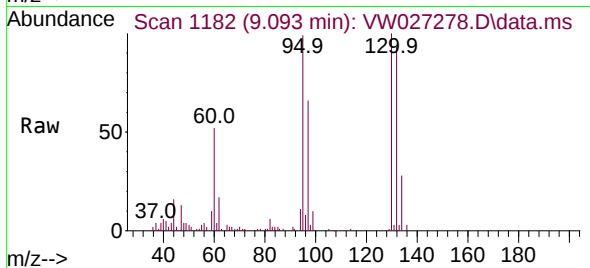
Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 20270

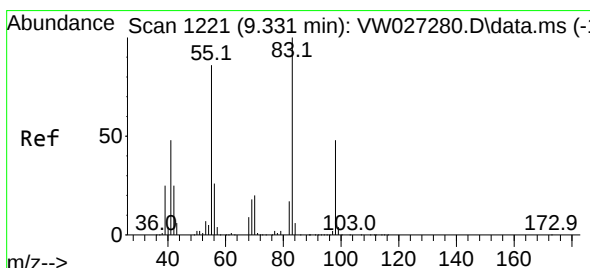
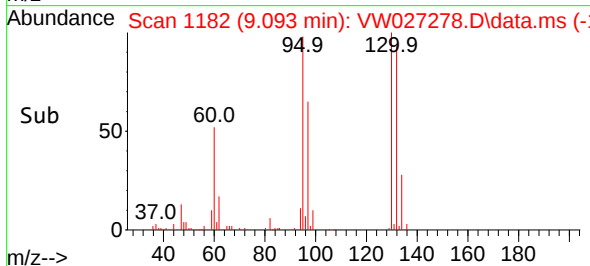
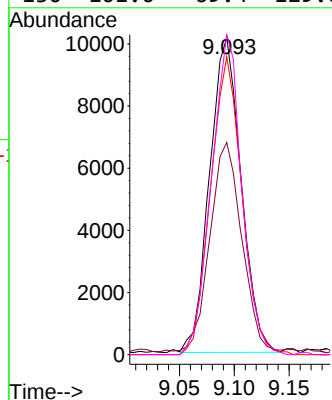
Ion Ratio Lower Upper

95 100

97 66.9 43.4 80.6

132 94.0 67.6 125.6

130 101.0 69.4 129.0



#35

Methylcyclohexane

Concen: 2.611 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

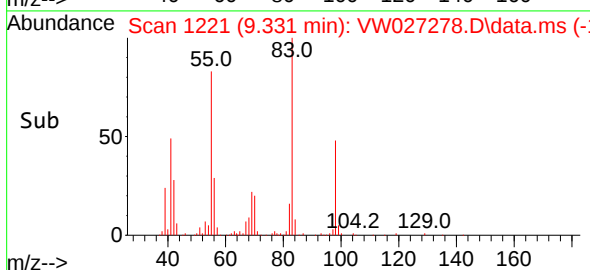
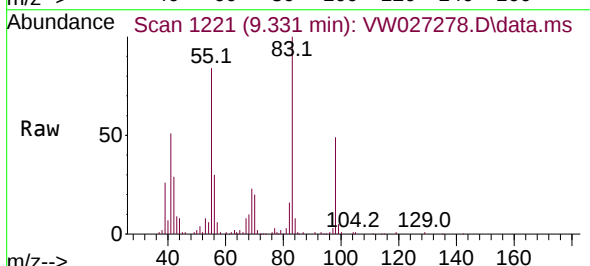
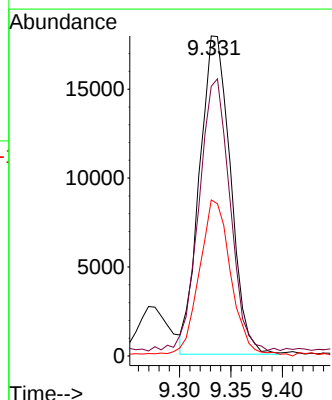
Tgt Ion: 83 Resp: 37482

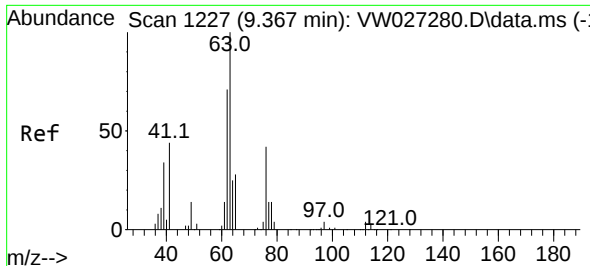
Ion Ratio Lower Upper

83 100

55 85.6 65.8 98.8

98 48.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 2.605 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

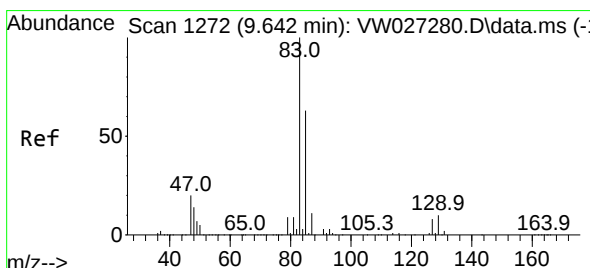
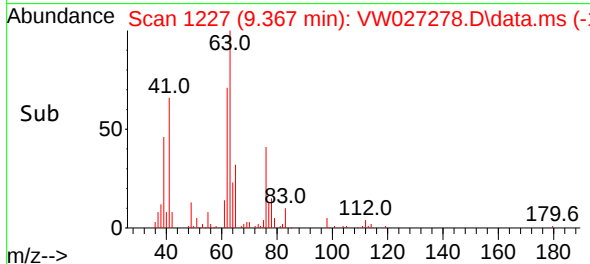
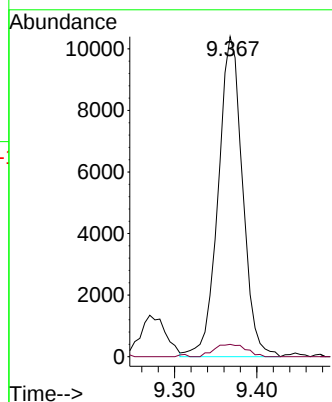
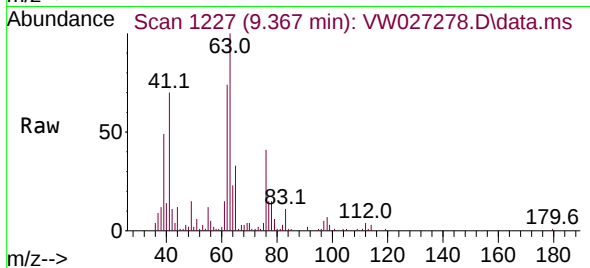
ClientSampleId :

Tgt Ion: 63 Resp: 21403

Ion Ratio Lower Upper

63 100

112 5.1 3.5 5.3



#38

Bromodichloromethane

Concen: 2.487 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

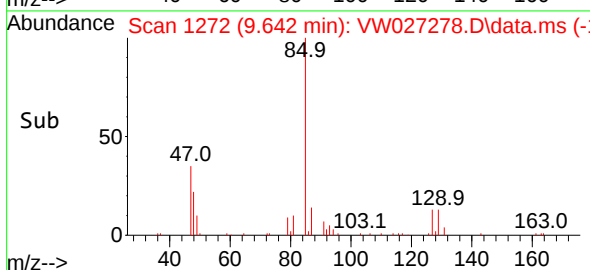
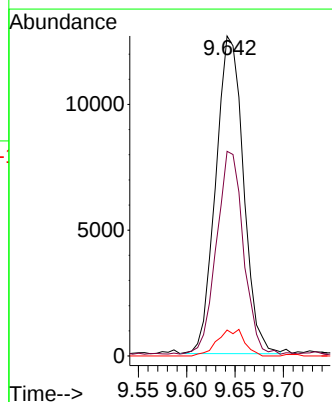
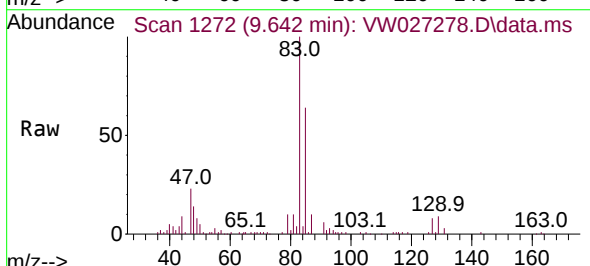
Tgt Ion: 83 Resp: 25129

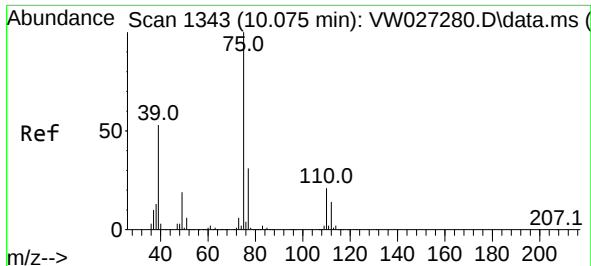
Ion Ratio Lower Upper

83 100

85 63.9 43.9 81.5

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 2.492 ug/L

RT: 10.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

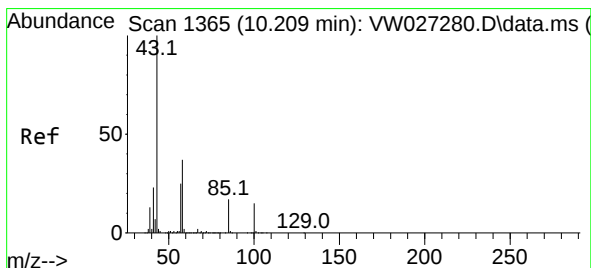
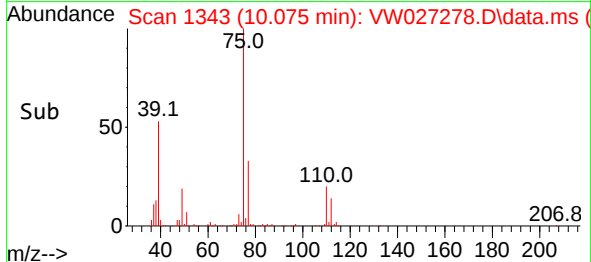
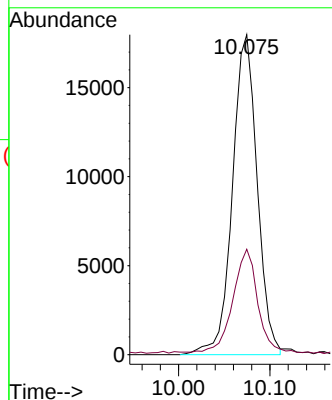
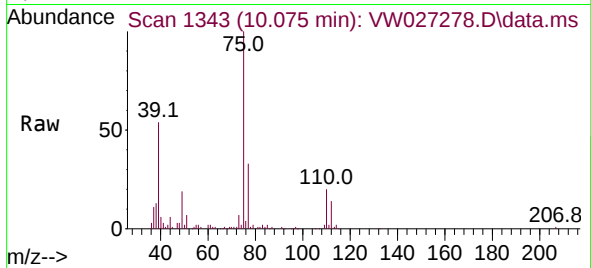
ClientSampleId :

Tgt Ion: 75 Resp: 33829

Ion Ratio Lower Upper

75 100

77 33.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 4.841 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

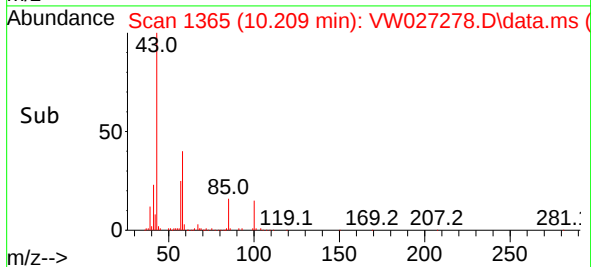
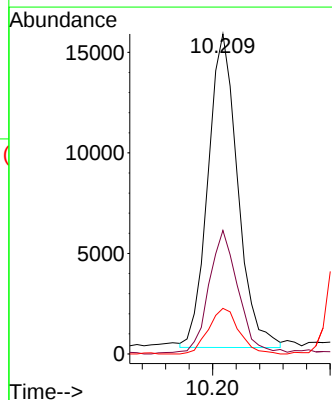
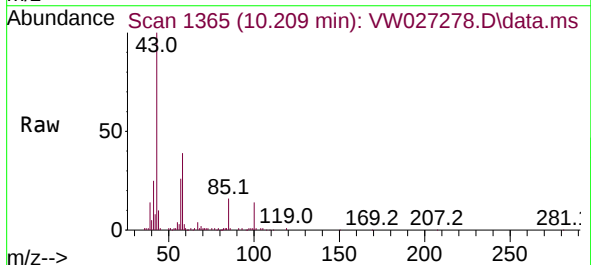
Tgt Ion: 43 Resp: 27355

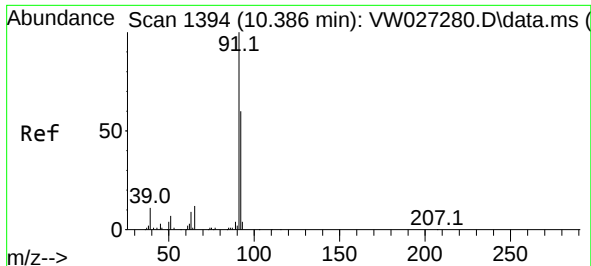
Ion Ratio Lower Upper

43 100

58 39.3 30.5 45.7

100 15.0 11.5 17.3





#42

Toluene

Concen: 2.610 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

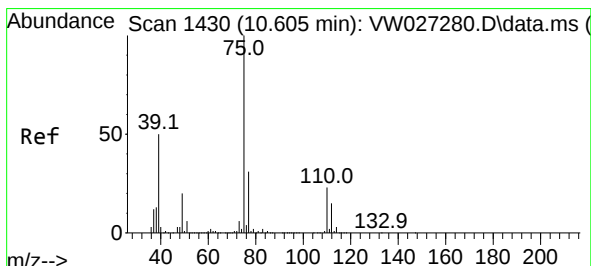
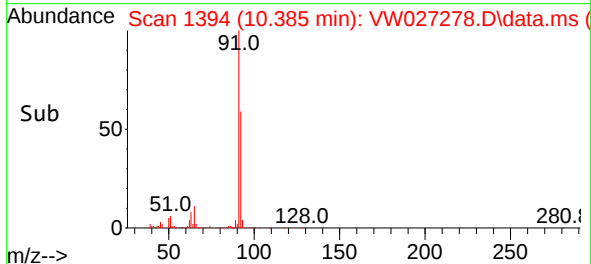
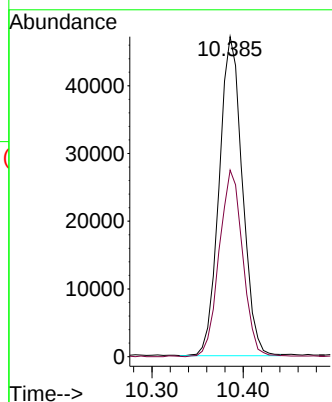
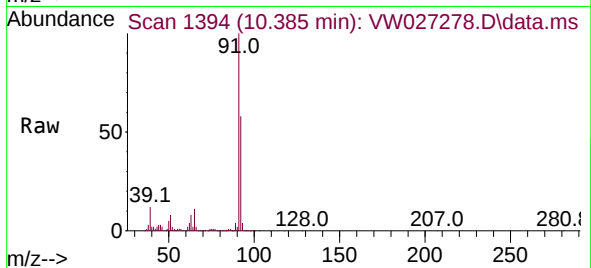
ClientSampleId :

Tgt Ion: 91 Resp: 83193

Ion Ratio Lower Upper

91 100

92 58.3 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 2.486 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027278.D

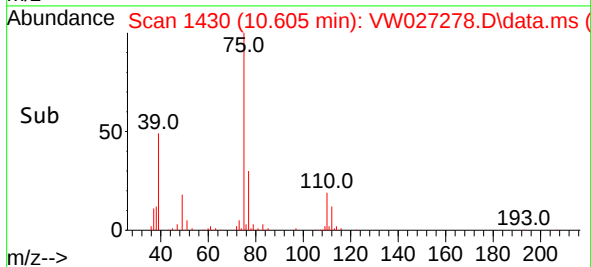
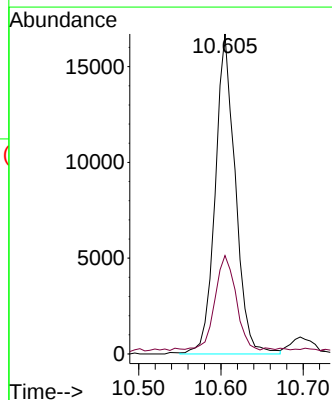
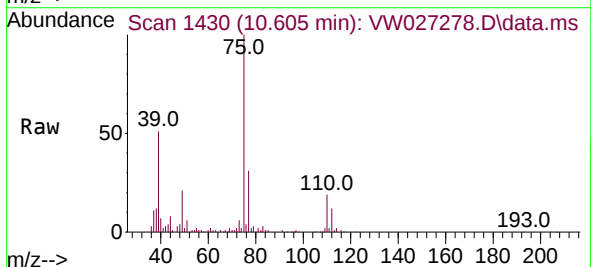
Acq: 11 Oct 2023 10:04

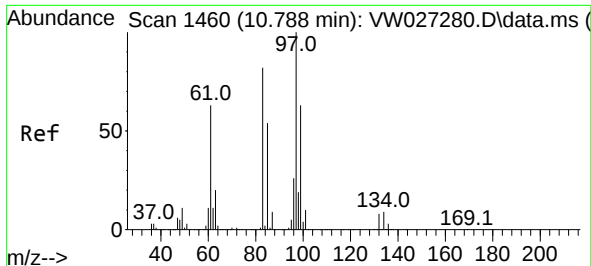
Tgt Ion: 75 Resp: 28467

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0

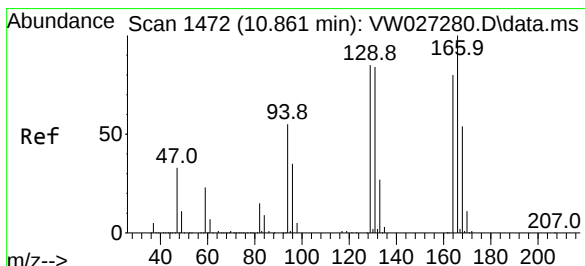
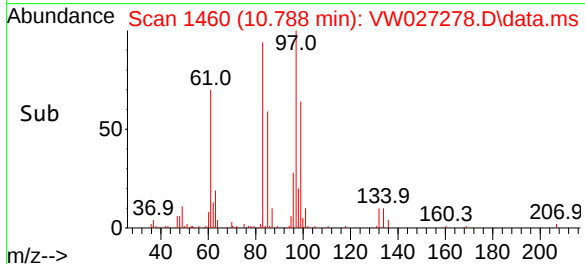
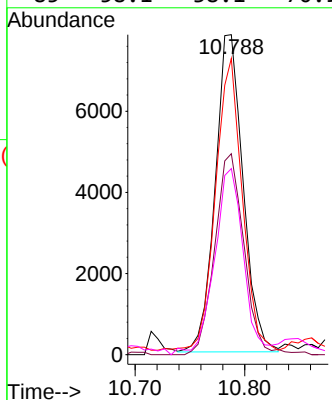
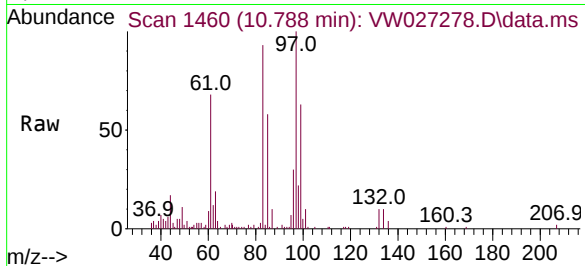




#45
1,1,2-Trichloroethane
Concen: 2.448 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

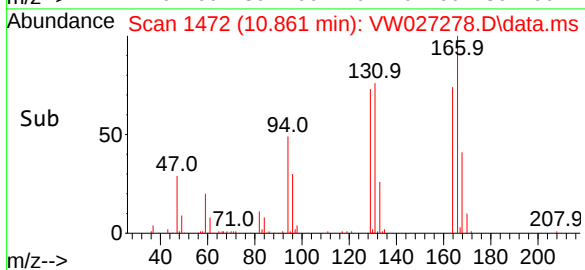
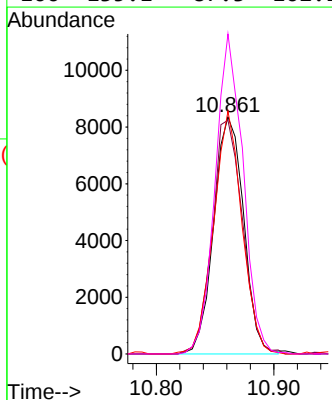
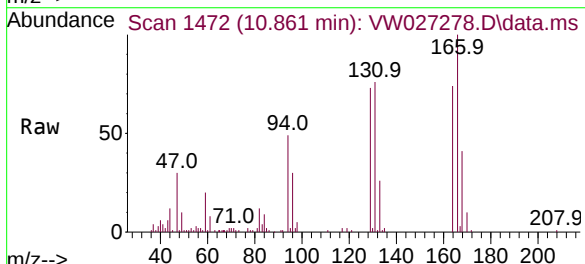
Instrument :
MSVOA_W
ClientSampleId :

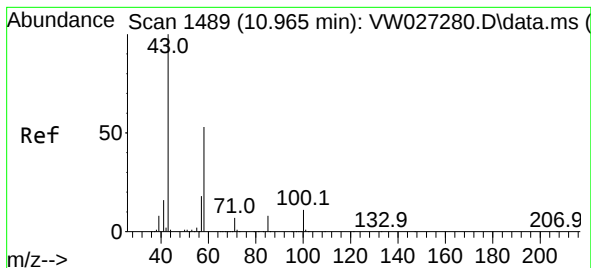
Tgt Ion: 97	Resp: 13842
Ion Ratio	Lower Upper
97 100	
99 62.8	43.8 81.4
83 92.6	57.5 106.7
85 58.1	38.1 70.9



#46
Tetrachloroethene
Concen: 2.661 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion:164	Resp: 14750		
Ion	Ratio	Lower	Upper
164	100		
129	98.7	74.7	138.7
131	102.4	73.2	136.0
166	135.1	87.3	162.1





#48

2-Hexanone

Concen: 4.381 ug/L

RT: 10.971 min Scan# 14

Delta R.T. 0.006 min

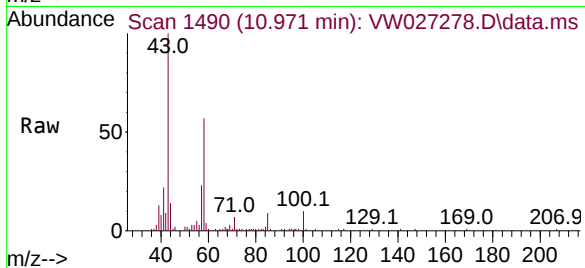
Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 18321

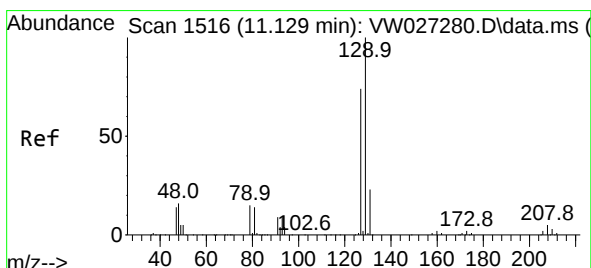
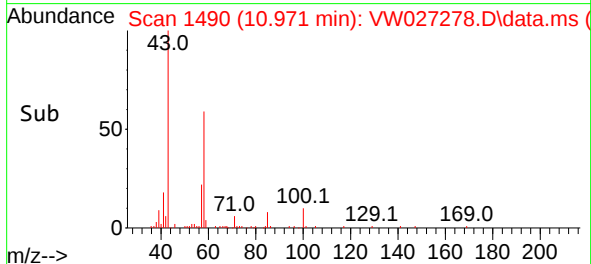
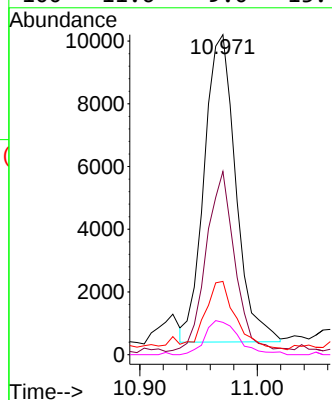
Ion Ratio Lower Upper

43 100

58 53.1 42.2 63.4

57 20.7 15.1 22.7

100 11.6 9.0 13.4



#49

Dibromochloromethane

Concen: 2.496 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW027278.D

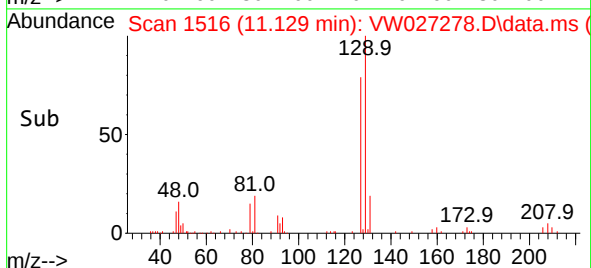
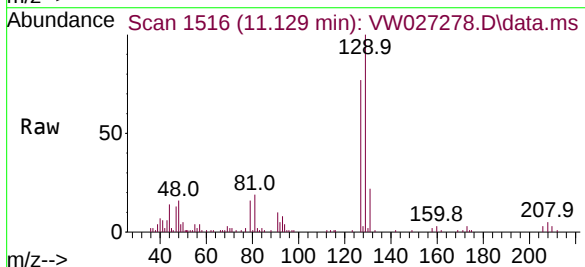
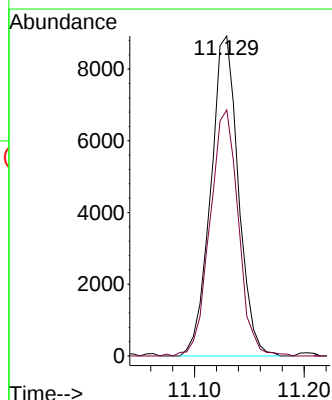
Acq: 11 Oct 2023 10:04

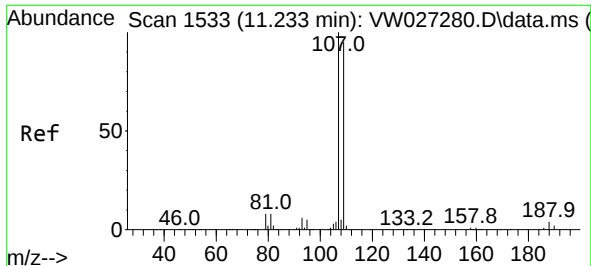
Tgt Ion: 129 Resp: 15675

Ion Ratio Lower Upper

129 100

127 76.9 51.7 95.9





#50

1,2-Dibromoethane

Concen: 2.462 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027278.D

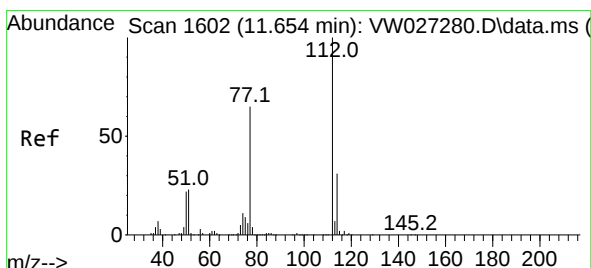
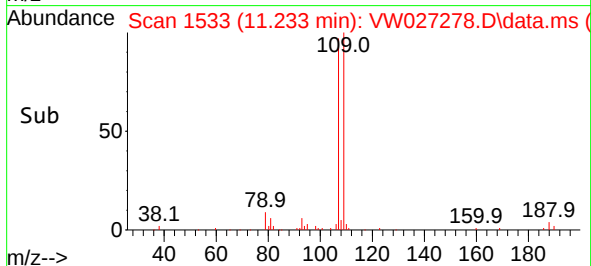
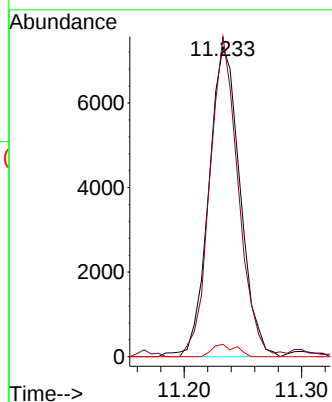
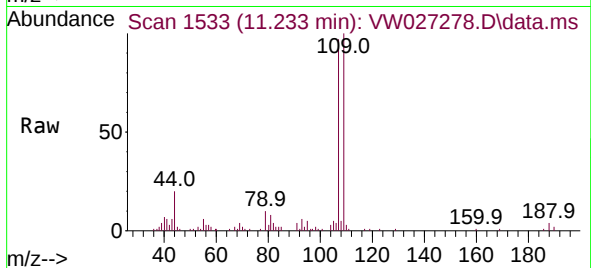
Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	13494
Ion	Ratio	Lower	Upper
107	100		
109	103.2	66.3	123.1
188	4.0	3.0	4.4



#51

Chlorobenzene

Concen: 2.567 ug/L

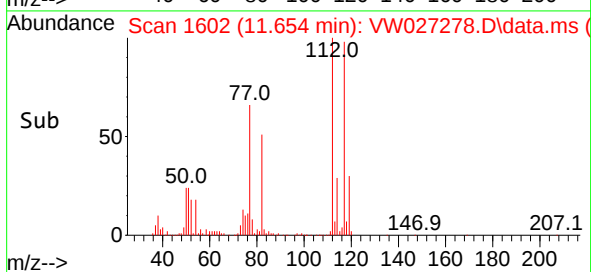
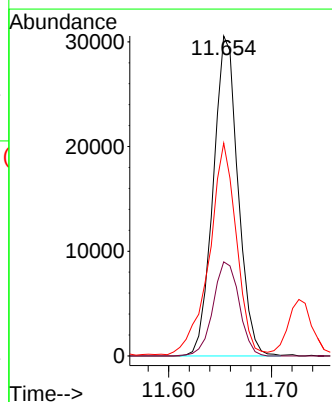
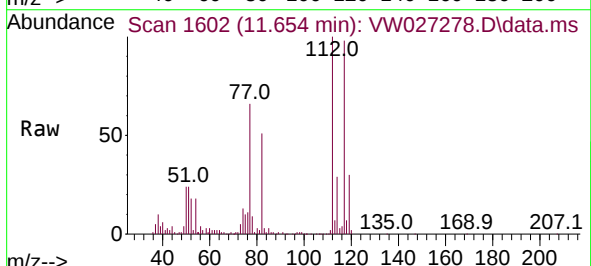
RT: 11.654 min Scan# 1602

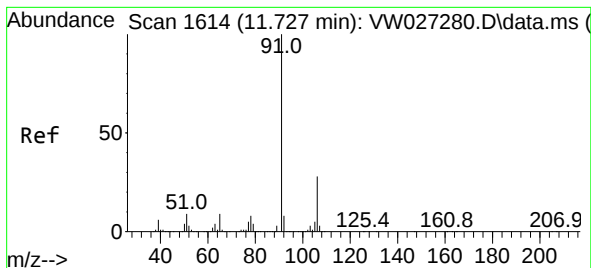
Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Tgt Ion:	112	Resp:	51239
Ion	Ratio	Lower	Upper
112	100		
114	29.4	21.8	40.6
77	66.5	52.2	78.4

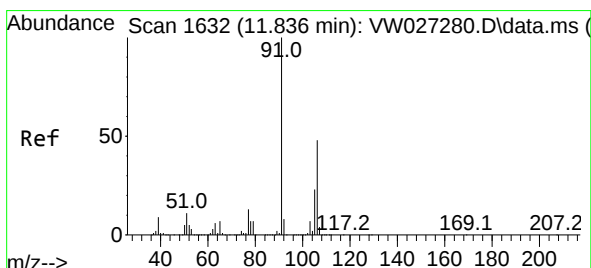
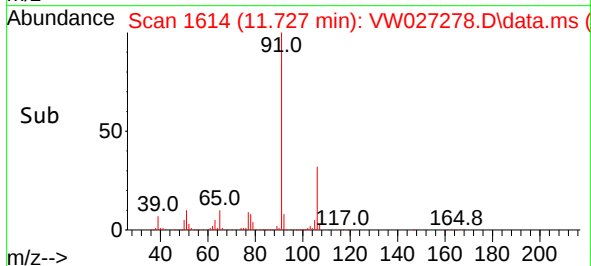
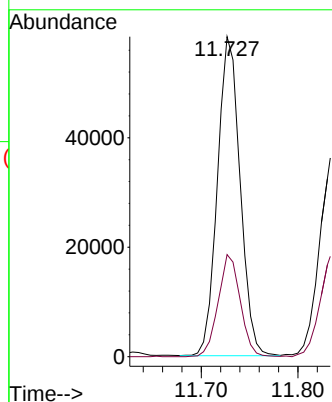
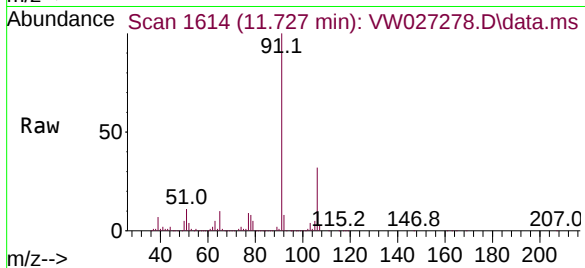




#52
Ethylbenzene
Concen: 2.560 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

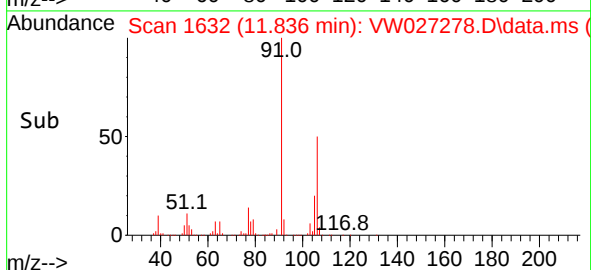
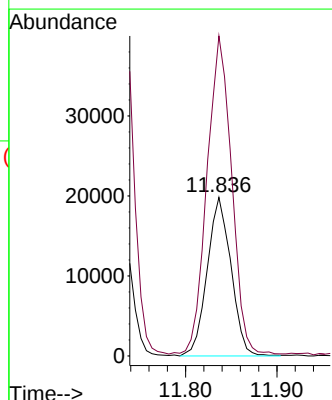
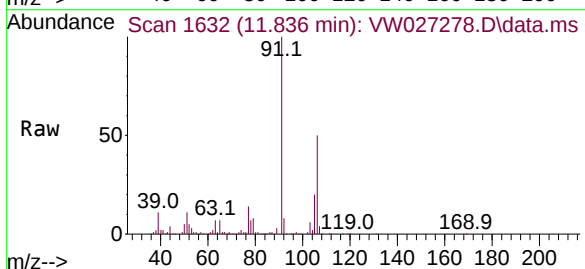
Instrument :
MSVOA_W
ClientSampleId :

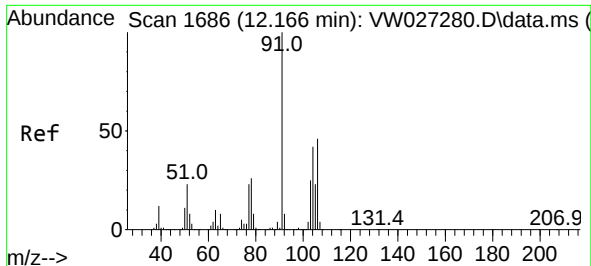
Tgt Ion: 91 Resp: 94834
Ion Ratio Lower Upper
91 100
106 31.9 19.8 36.8



#53
m,p-Xylene
Concen: 2.555 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion:106 Resp: 35893
Ion Ratio Lower Upper
106 100
91 201.8 144.5 268.4

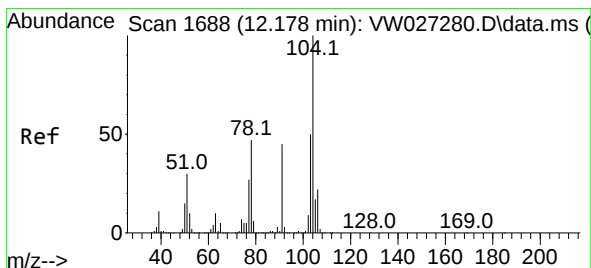
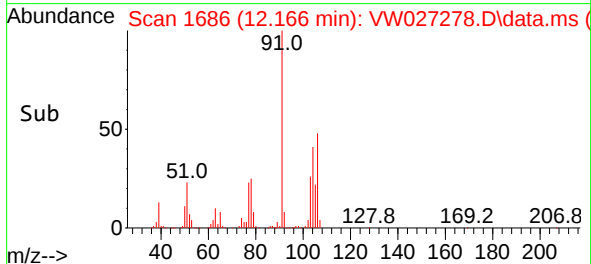
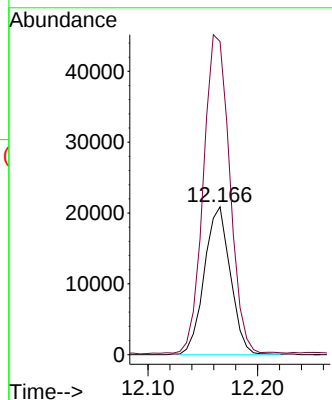
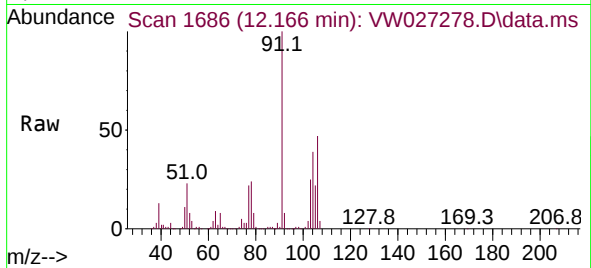




#54
o-Xylene
Concen: 2.559 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

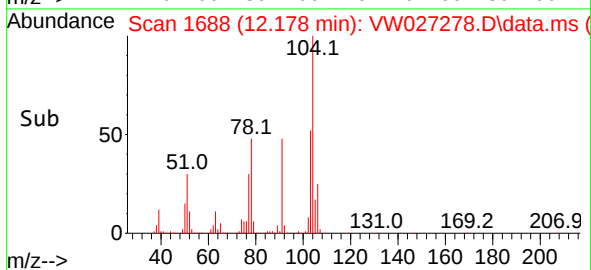
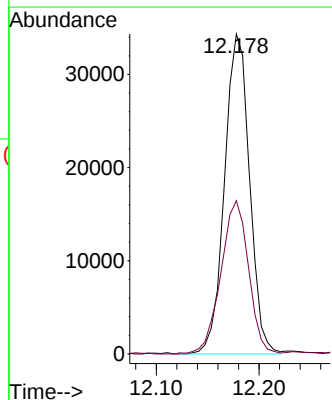
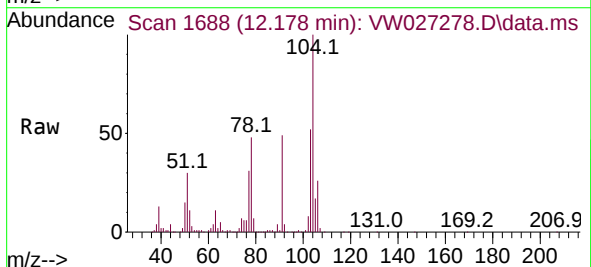
Instrument :
MSVOA_W
ClientSampleId :

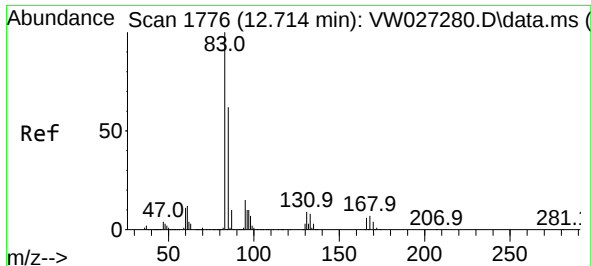
Tgt Ion:106 Resp: 34429
Ion Ratio Lower Upper
106 100
91 211.7 152.0 282.2



#55
Styrene
Concen: 2.520 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion:104 Resp: 57916
Ion Ratio Lower Upper
104 100
78 47.9 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.422 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

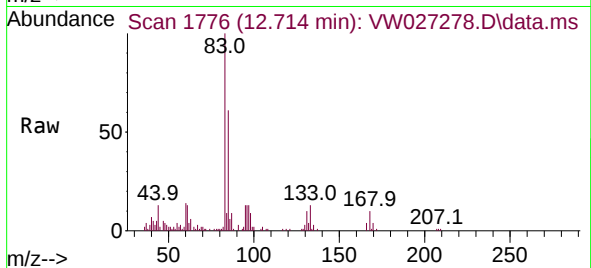
Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

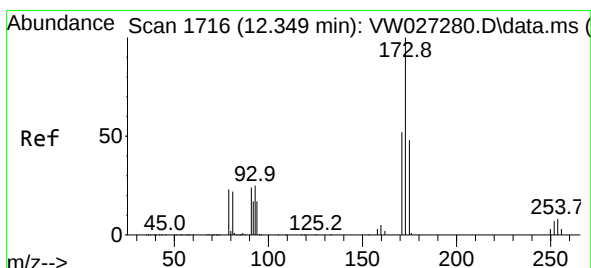
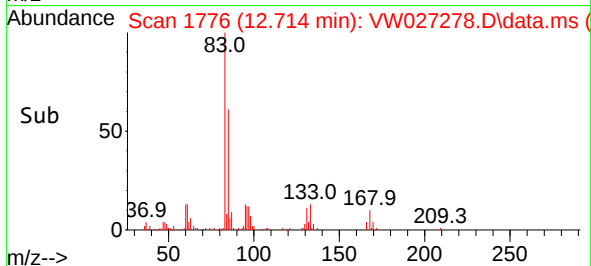
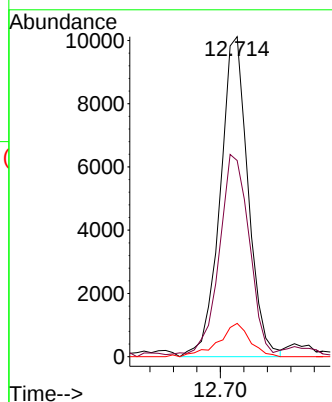
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 83	Resp:	16716
Ion Ratio	Lower	Upper
83	100	
85	61.3	43.2 80.2
131	10.4	7.2 10.8



#59

Bromoform

Concen: 2.269 ug/L

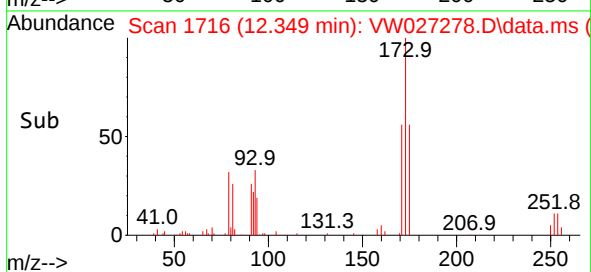
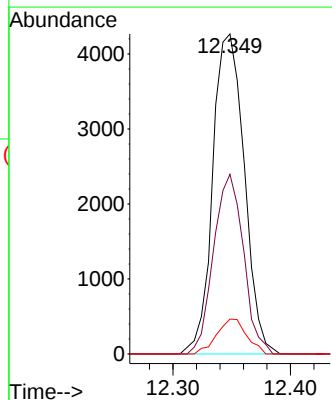
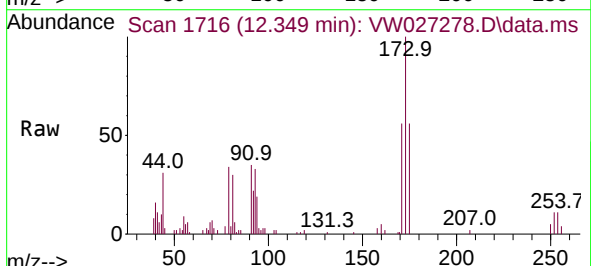
RT: 12.349 min Scan# 1716

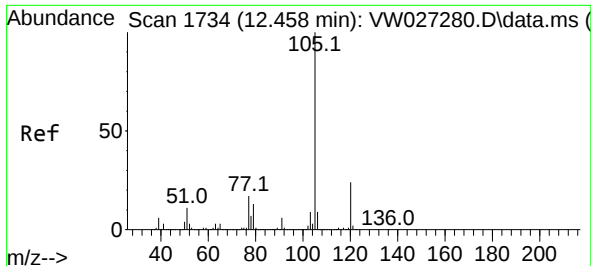
Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Tgt Ion: 173	Resp:	7953
Ion Ratio	Lower	Upper
173	100	
175	53.1	39.6 59.4
254	10.4	6.6 10.0#

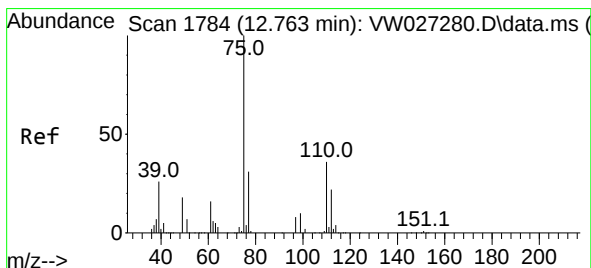
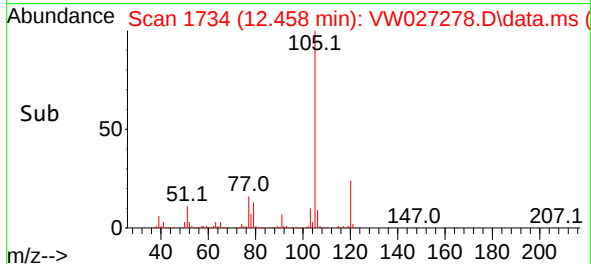
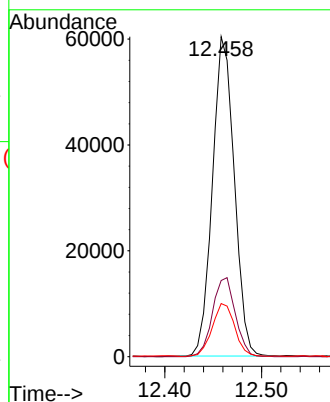
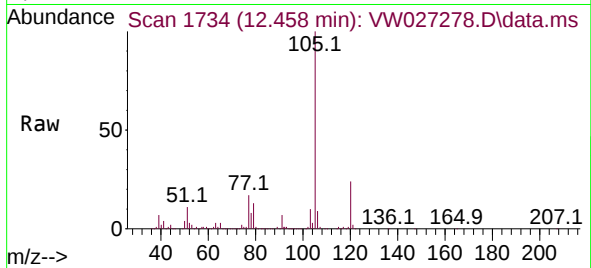




#60
Isopropylbenzene
Concen: 2.559 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

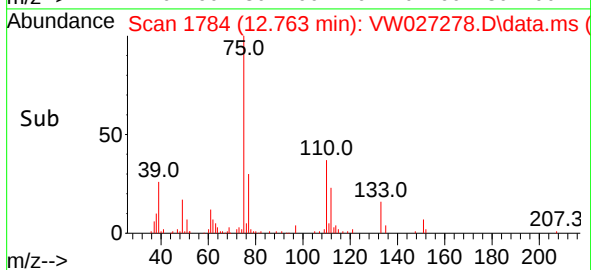
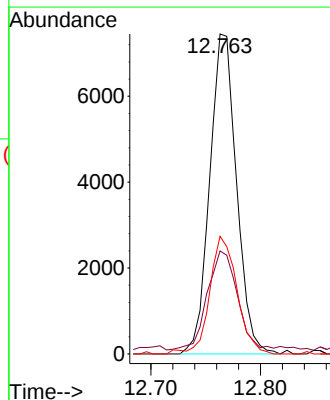
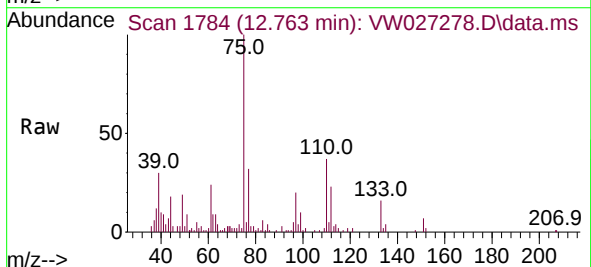
Instrument :
MSVOA_W
ClientSampleId :

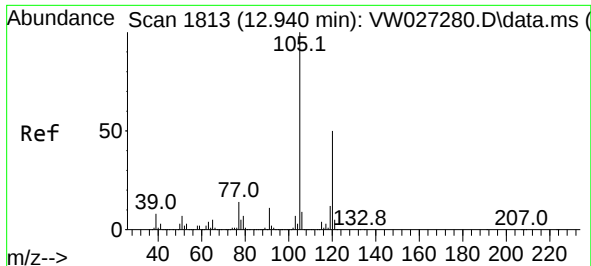
Tgt Ion:105 Resp: 94709
Ion Ratio Lower Upper
105 100
120 25.9 20.1 30.1
77 17.1 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 2.463 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion: 75 Resp: 12667
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0
110 36.8 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 2.592 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

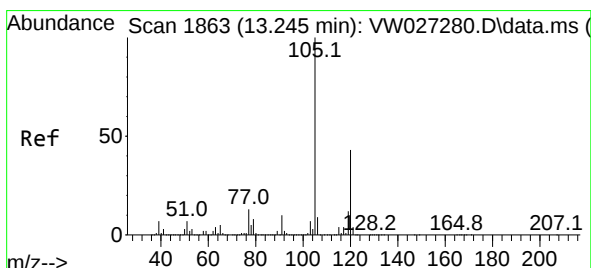
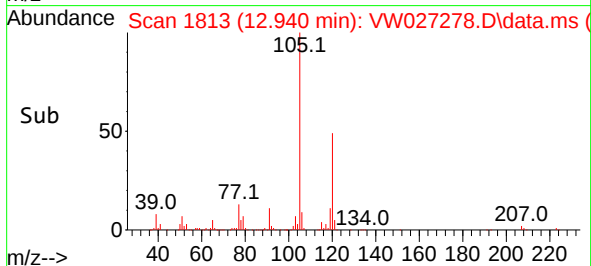
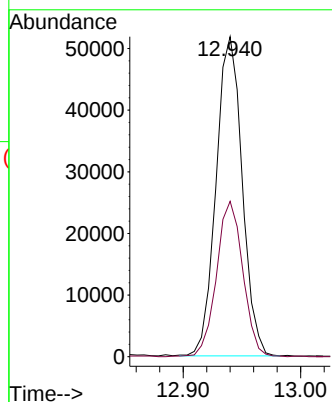
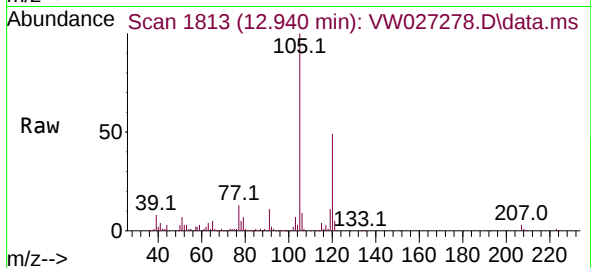
ClientSampleId :

Tgt Ion:105 Resp: 80016

Ion Ratio Lower Upper

105 100

120 48.9 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 2.540 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027278.D

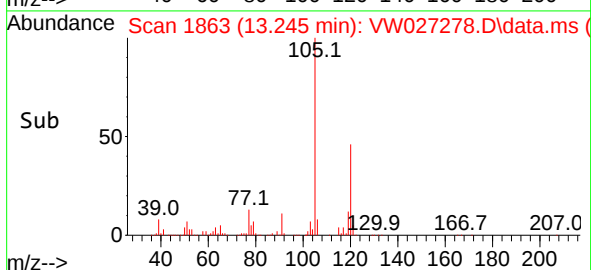
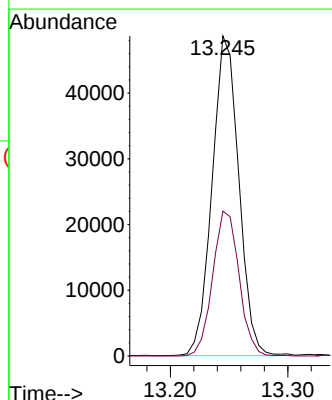
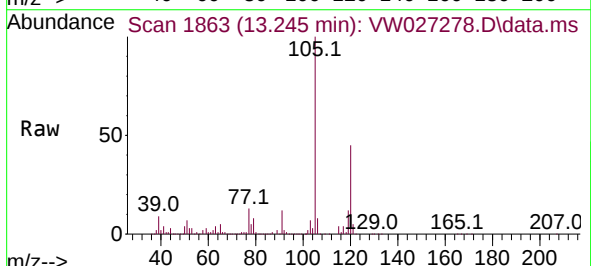
Acq: 11 Oct 2023 10:04

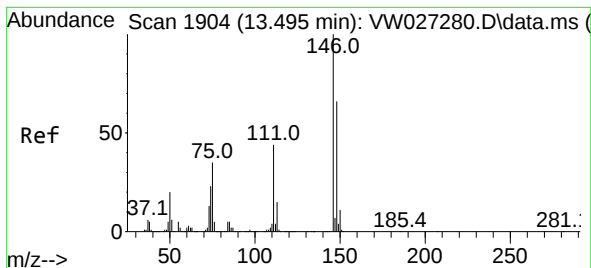
Tgt Ion:105 Resp: 76703

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 2.481 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

ClientSampleId :

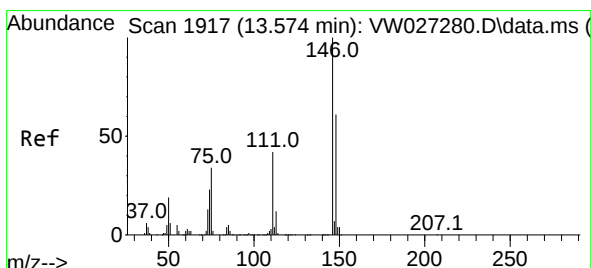
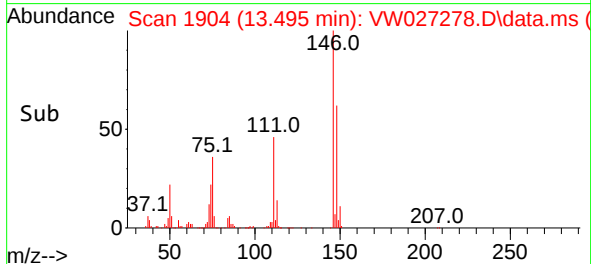
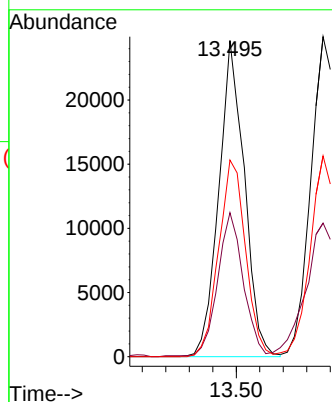
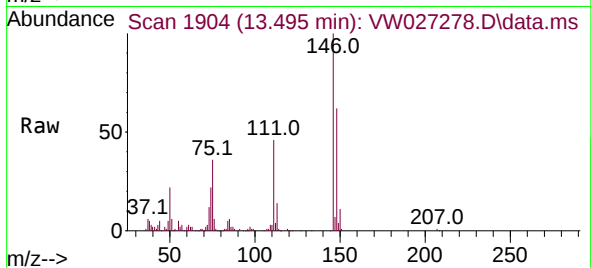
Tgt Ion:146 Resp: 37232

Ion Ratio Lower Upper

146 100

111 45.5 30.8 57.2

148 62.2 46.3 85.9



#65

1,4-Dichlorobenzene

Concen: 2.649 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

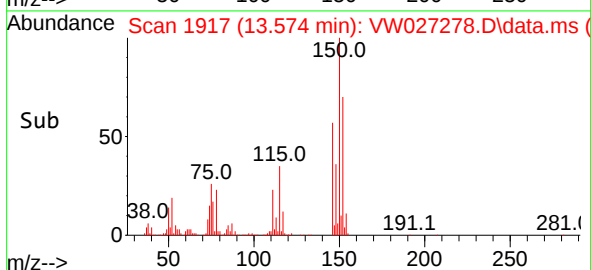
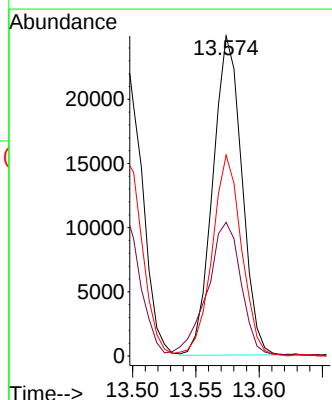
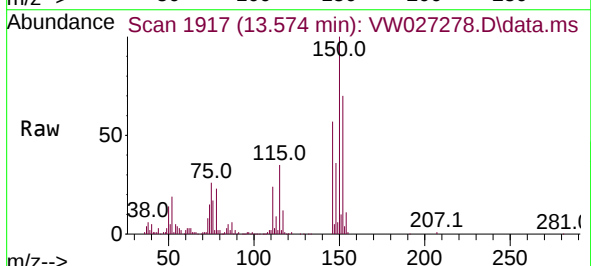
Tgt Ion:146 Resp: 39700

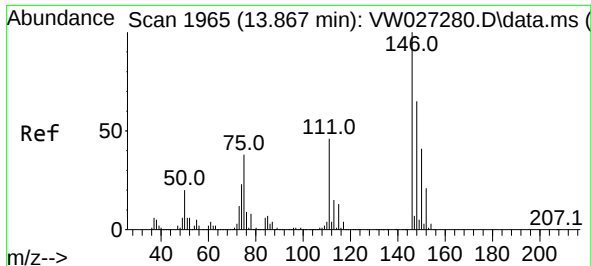
Ion Ratio Lower Upper

146 100

111 41.7 29.5 54.9

148 62.8 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 2.586 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

ClientSampleId :

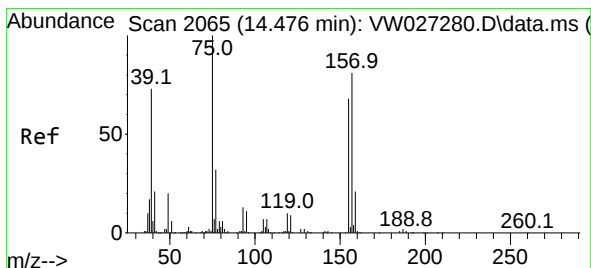
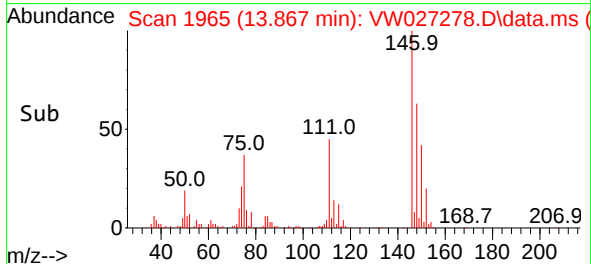
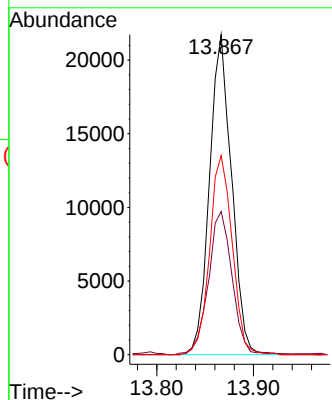
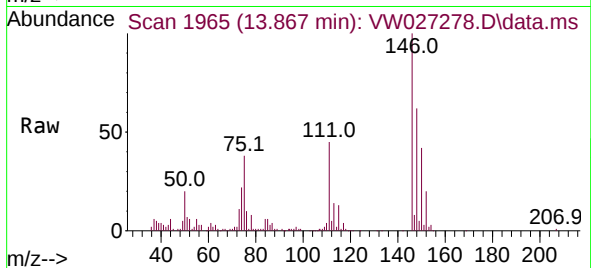
Tgt Ion:146 Resp: 34432

Ion Ratio Lower Upper

146 100

111 44.8 36.8 55.2

148 62.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 2.542 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

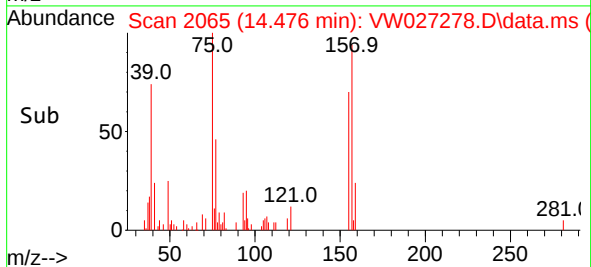
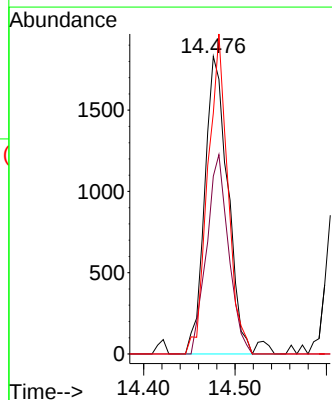
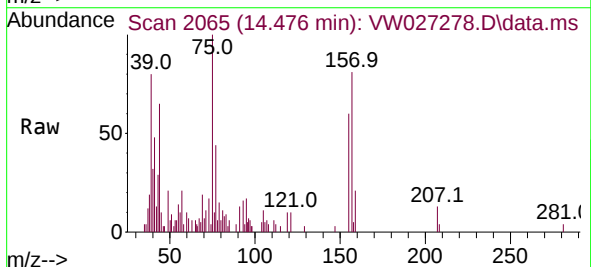
Tgt Ion: 75 Resp: 3268

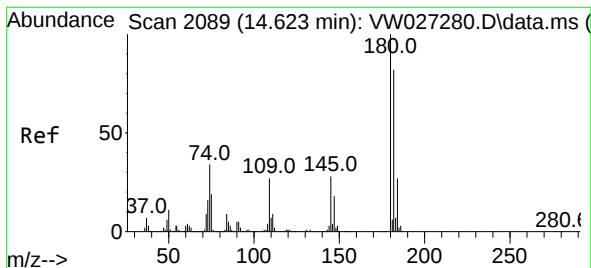
Ion Ratio Lower Upper

75 100

155 59.7 54.9 82.3

157 80.9 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 2.662 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

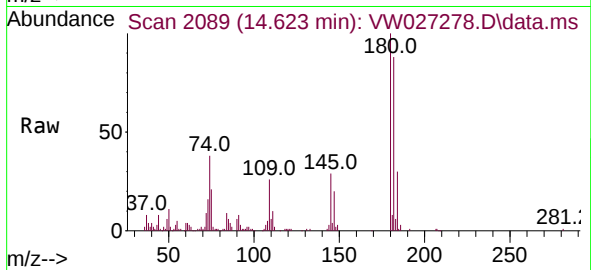
Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 25935

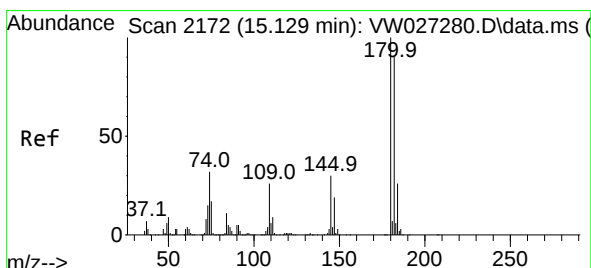
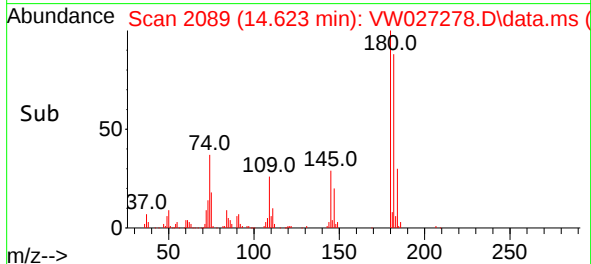
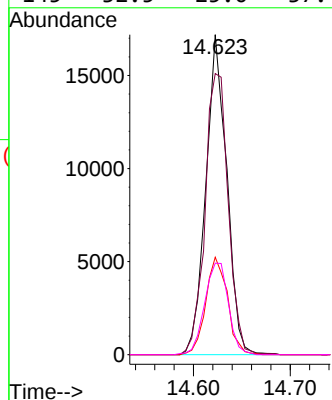
Ion Ratio Lower Upper

180 100

182 97.0 73.4 110.0

184 31.7 23.3 34.9

145 32.5 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 2.657 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027278.D

Acq: 11 Oct 2023 10:04

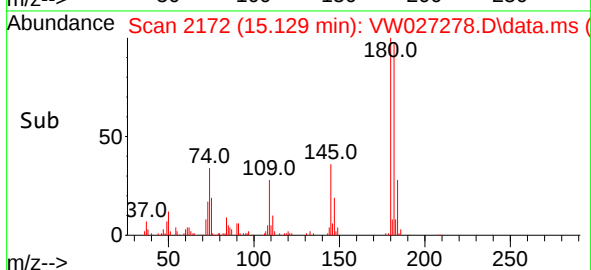
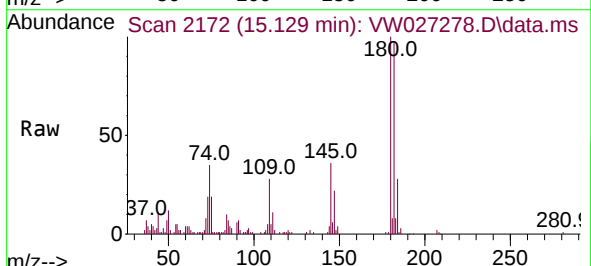
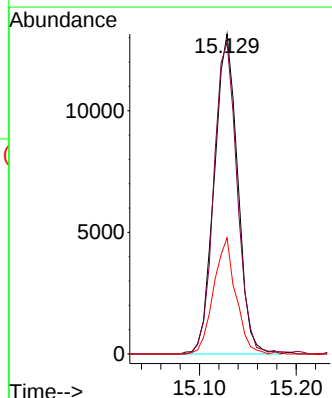
Tgt Ion:180 Resp: 22031

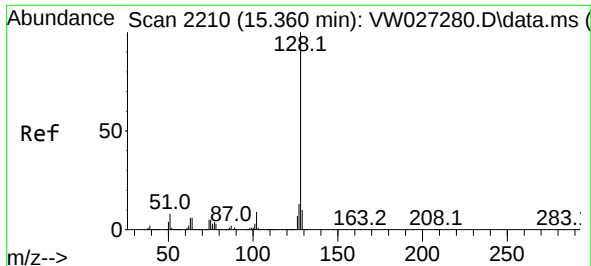
Ion Ratio Lower Upper

180 100

182 97.7 75.5 113.3

145 34.4 26.4 39.6

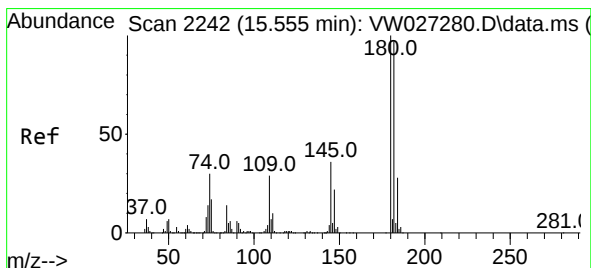
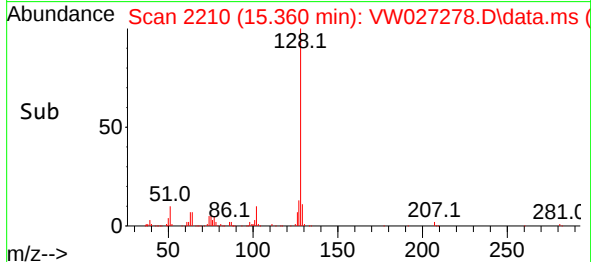
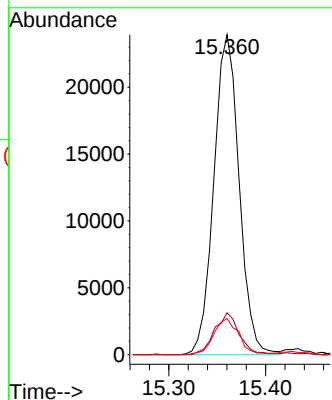
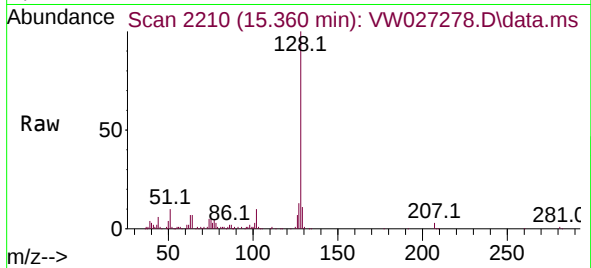




#71
Naphthalene
Concen: 2.547 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 43421
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.2 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 2.759 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.012 min
Lab File: VW027278.D
Acq: 11 Oct 2023 10:04

Tgt Ion:180 Resp: 18809
Ion Ratio Lower Upper
180 100
182 95.3 81.1 121.7
145 36.7 30.6 45.8

