

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027278icc.D
 Acq On : 11 Oct 2023 10:28
 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 00:59:04 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	8.843	114	499440	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	466554	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	234562	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	18986	2.491	ug/L	0.00
7) Chloroethane-d5	3.107	69	559	0.102	ug/L	0.21
11) 1,1-Dichloroethene-d2	4.027	65	9981	2.613	ug/L	0.00
21) 2-Butanone-d5	7.088	46	10778	4.272	ug/L	0.01
24) Chloroform-d	7.654	84	37452	2.516	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	20746	2.594	ug/L	0.00
32) Benzene-d6	8.276	84	78517	2.487	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	23326	2.419	ug/L	0.00
41) Toluene-d8	10.325	98	69961	2.444	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	11236	2.543	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	9511	4.768	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17469	2.428	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	21381	2.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.216	85	206	0.035	ug/L	99
3) Chloromethane	2.223	50	18047	2.643	ug/L	99
5) Vinyl chloride	2.375	62	19744	2.588	ug/L	96
6) Bromomethane	2.790	94	11862	2.730	ug/L	100
8) Chloroethane	2.930	64	11708	2.666	ug/L	# 82
9) Trichlorofluoromethane	3.265	101	13194	2.452	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	8724	1.337	ug/L	# 38
12) 1,1-Dichloroethene	4.045	96	17320	2.628	ug/L	93
13) Acetone	4.125	43	10171	4.753	ug/L	92
14) Carbon disulfide	4.387	76	55227	2.720	ug/L	99
15) Methyl Acetate	4.679	43	9125	2.442	ug/L	96
16) Methylene chloride	4.917	84	40142	4.401	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	18278	2.597	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	32026	2.637	ug/L	# 90
19) 1,1-Dichloroethane	6.216	63	36757	2.560	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	20333	2.558	ug/L	91
22) 2-Butanone	7.173	43	18049	5.511	ug/L	86
23) Bromochloromethane	7.520	128	8361	2.548	ug/L	93
25) Chloroform	7.679	83	34285	2.551	ug/L	98
27) 1,2-Dichloroethane	8.404	62	24189	2.649	ug/L	100
29) Cyclohexane	7.959	56	36341	2.565	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	29659	2.606	ug/L	99
31) Carbon tetrachloride	8.075	117	25995	2.533	ug/L	100
33) Benzene	8.325	78	78745	2.583	ug/L	100
34) Trichloroethene	9.093	95	20570	2.554	ug/L	95
35) Methylcyclohexane	9.337	83	36833	2.557	ug/L	96
37) 1,2-Dichloropropane	9.368	63	21381	2.593	ug/L	99
38) Bromodichloromethane	9.642	83	25335	2.499	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	34825	2.557	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	28775	5.075	ug/L	98
42) Toluene	10.386	91	82653	2.584	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	29436	2.562	ug/L	96

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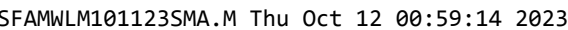
Quant Time: Oct 12 00:59:04 2023
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 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 00:57:57 2023
 Response via : Initial Calibration

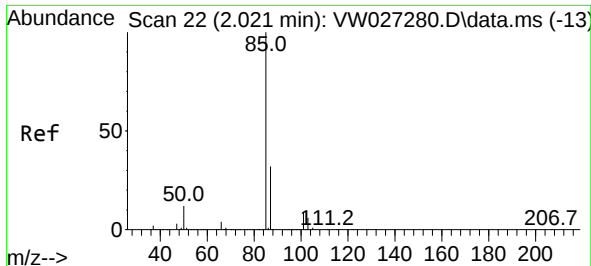
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	14645	2.581	ug/L	97
46) Tetrachloroethene	10.861	164	14960	2.690	ug/L	88
48) 2-Hexanone	10.971	43	18994	4.526	ug/L	99
49) Dibromochloromethane	11.129	129	15599	2.476	ug/L	88
50) 1,2-Dibromoethane	11.239	107	14026	2.550	ug/L #	93
51) Chlorobenzene	11.660	112	51615	2.577	ug/L	93
52) Ethylbenzene	11.727	91	96040	2.584	ug/L	96
53) m,p-Xylene	11.837	106	37242	2.642	ug/L	92
54) o-Xylene	12.166	106	33764	2.501	ug/L	87
55) Styrene	12.178	104	57258	2.483	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	17837	2.575	ug/L	98
59) Bromoform	12.349	173	8542	2.447	ug/L	97
60) Isopropylbenzene	12.465	105	95081	2.580	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	13234	2.584	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	78967	2.569	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	77264	2.569	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	37736	2.525	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	38389	2.573	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	34665	2.614	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	3315	2.590	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	25754	2.655	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	21295	2.579	ug/L	97
71) Naphthalene	15.360	128	41805	2.462	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	17901	2.637	ug/L	91

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

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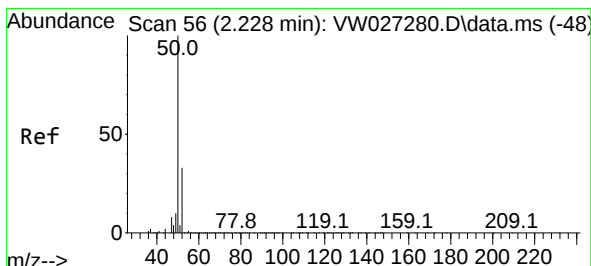
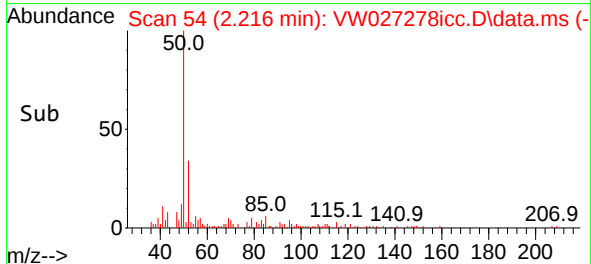
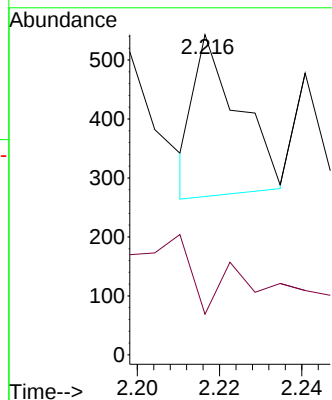
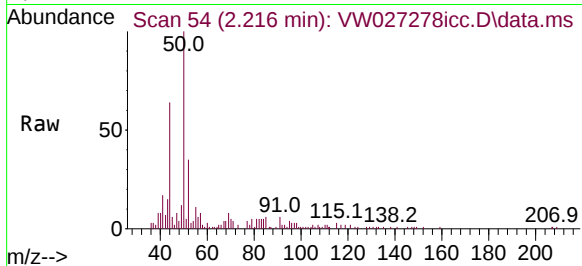




#2
 Dichlorodifluoromethane
 Concen: 0.035 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.195 min
 Lab File: VW027278icc.D
 Acq: 11 Oct 2023 10:28

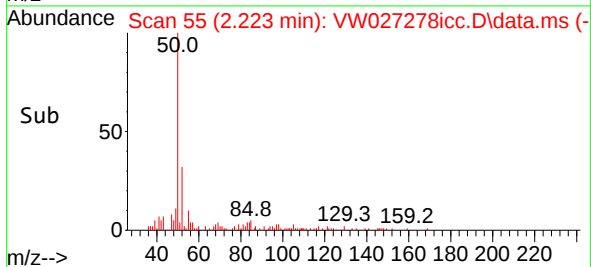
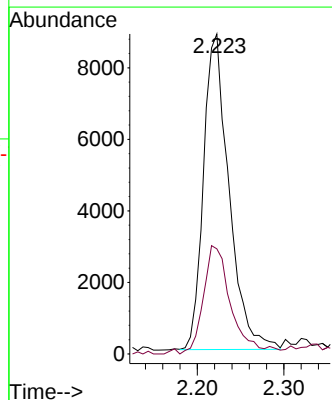
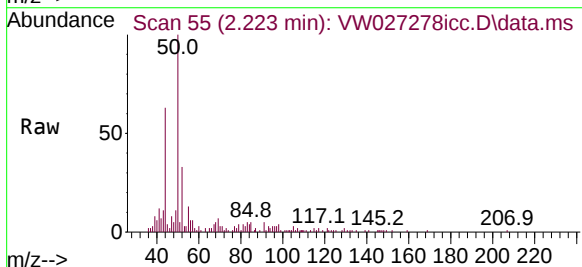
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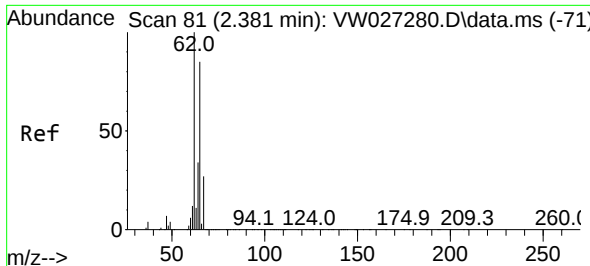
Tgt Ion: 85 Resp: 206
 Ion Ratio Lower Upper
 85 100
 87 22.3 18.3 27.5



#3
 Chloromethane
 Concen: 2.643 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW027278icc.D
 Acq: 11 Oct 2023 10:28

Tgt Ion: 50 Resp: 18047
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.3

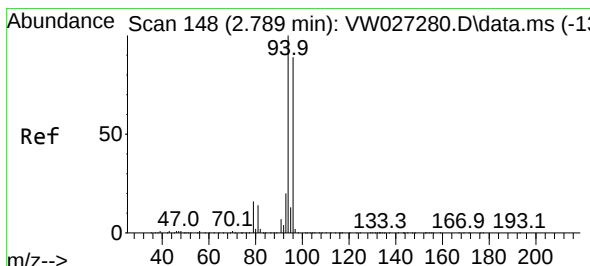
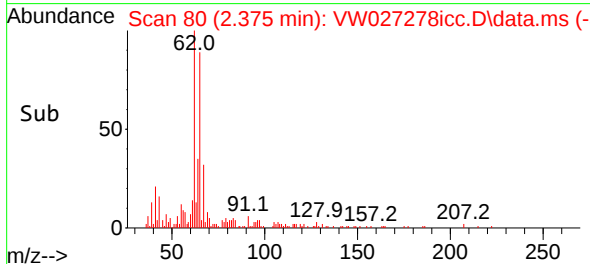
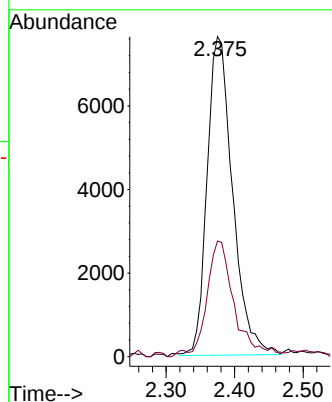
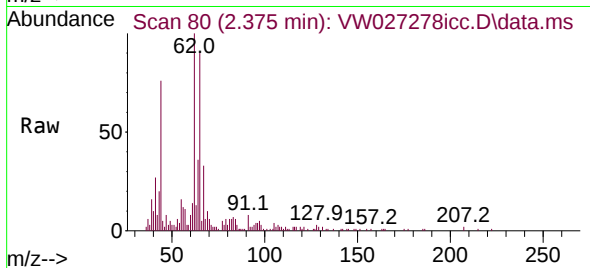




#5
 Vinyl chloride
 Concen: 2.588 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027278icc.D
 Acq: 11 Oct 2023 10:28

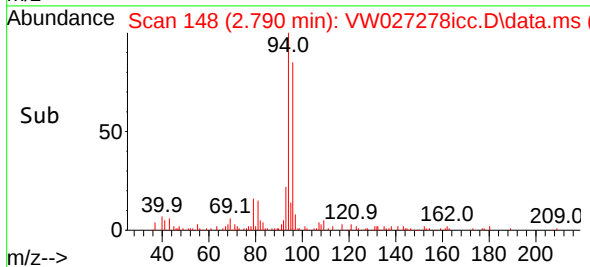
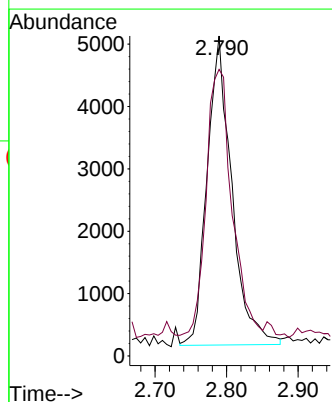
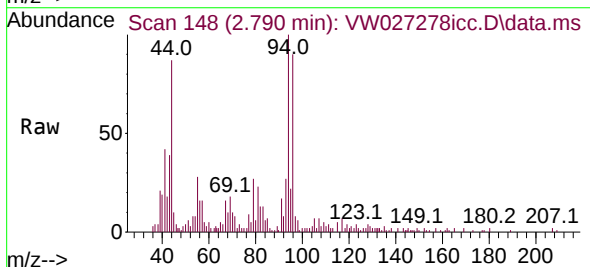
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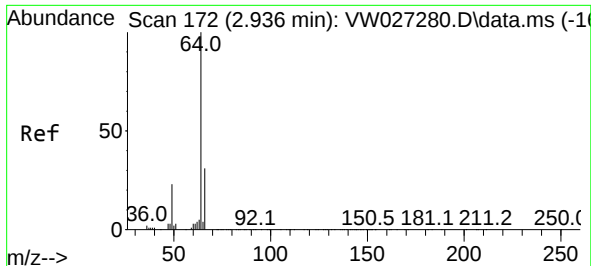
Tgt Ion: 62 Resp: 19744
 Ion Ratio Lower Upper
 62 100
 64 36.1 23.8 44.2



#6
 Bromomethane
 Concen: 2.730 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027278icc.D
 Acq: 11 Oct 2023 10:28

Tgt Ion: 94 Resp: 11862
 Ion Ratio Lower Upper
 94 100
 96 89.6 62.9 116.9

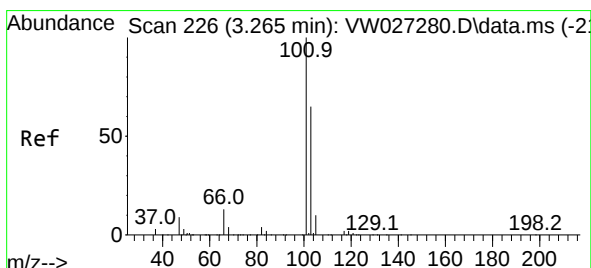
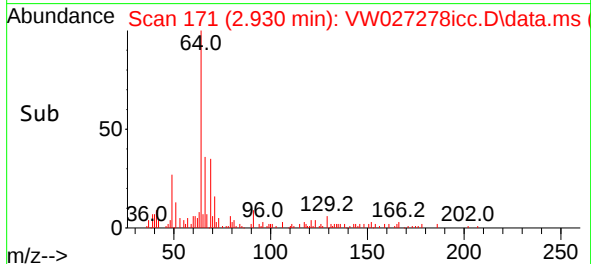
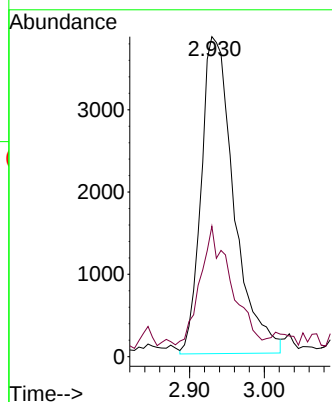
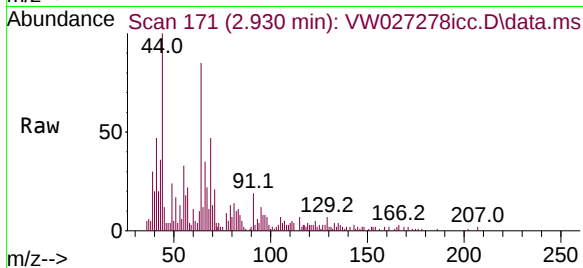




#8
Chloroethane
Concen: 2.666 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

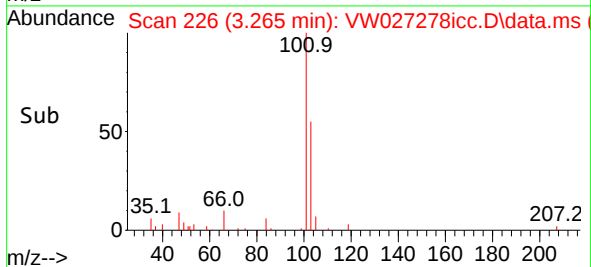
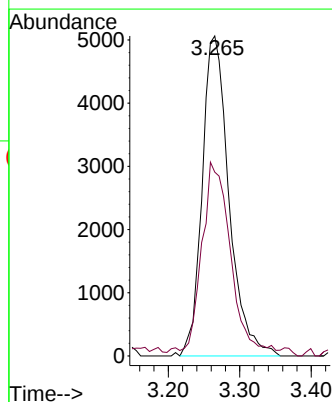
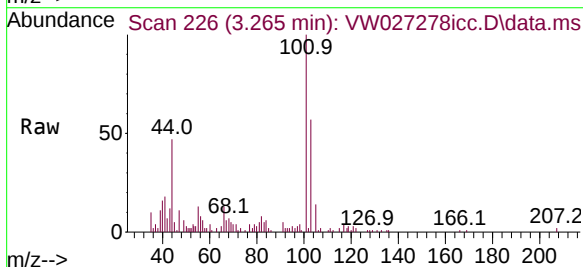
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ClientSampleId :

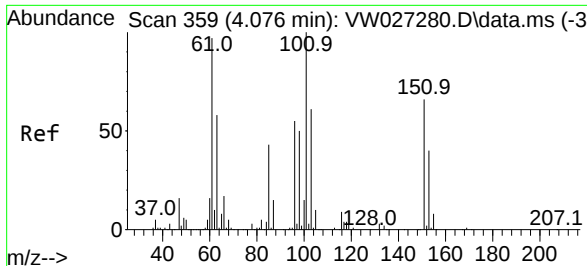
Tgt Ion: 64 Resp: 11708
Ion Ratio Lower Upper
64 100
66 40.8 21.7 40.3#



#9
Trichlorofluoromethane
Concen: 2.452 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

Tgt Ion: 101 Resp: 13194
Ion Ratio Lower Upper
101 100
103 62.2 51.6 77.4

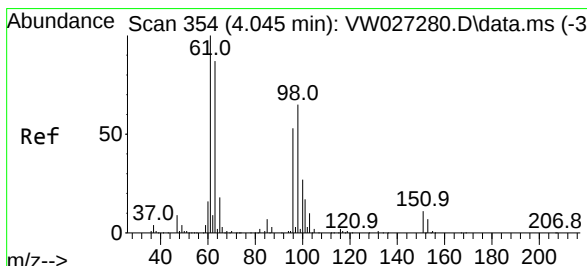
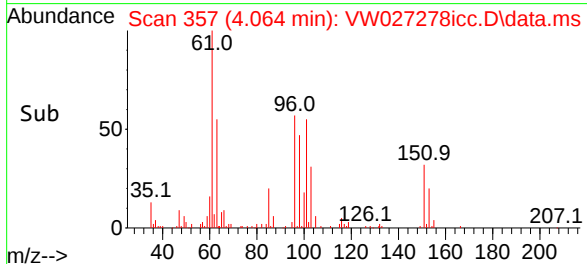
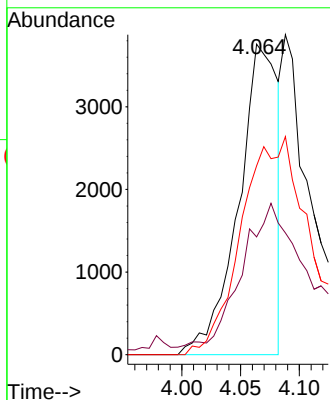
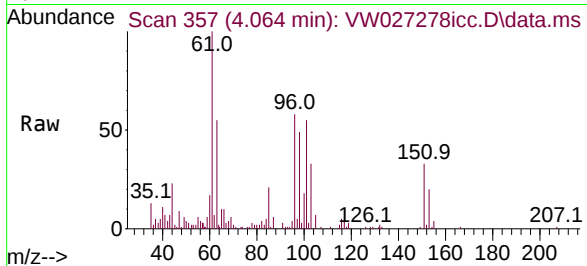




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.337 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.012 min
 Lab File: VW027278icc.D
 Acq: 11 Oct 2023 10:28

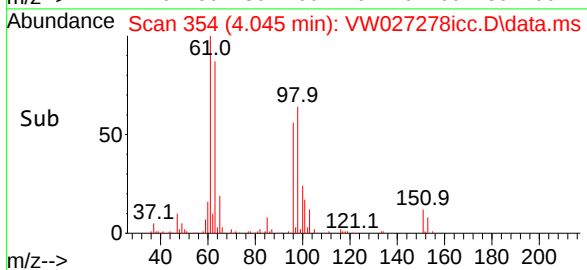
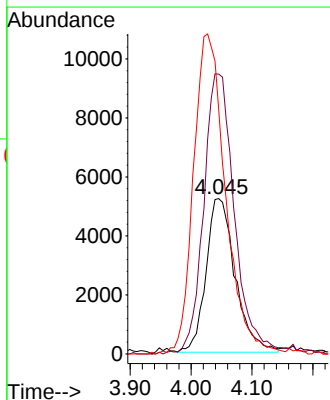
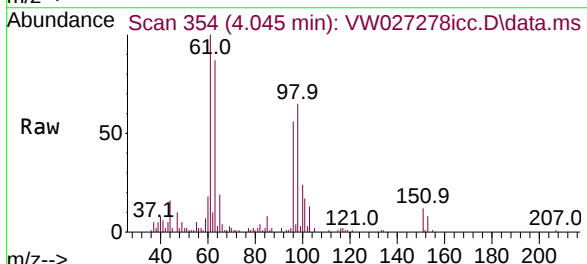
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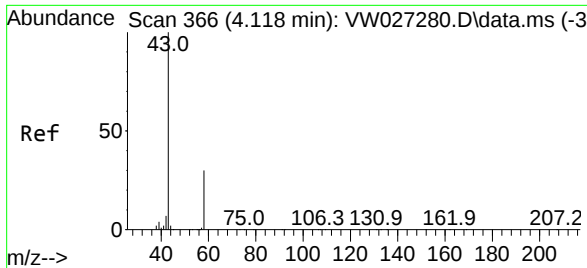
Tgt Ion:101 Resp: 8724
 Ion Ratio Lower Upper
 101 100
 85 21.0 34.1 51.1#
 151 0.0 49.5 74.3#



#12
 1,1-Dichloroethene
 Concen: 2.628 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027278icc.D
 Acq: 11 Oct 2023 10:28

Tgt Ion: 96 Resp: 17320
 Ion Ratio Lower Upper
 96 100
 61 180.1 133.3 247.5
 63 157.5 115.8 215.2





#13

Acetone

Concen: 4.753 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

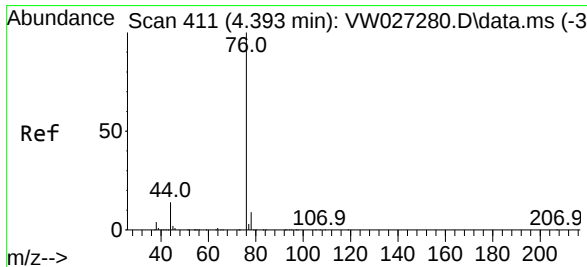
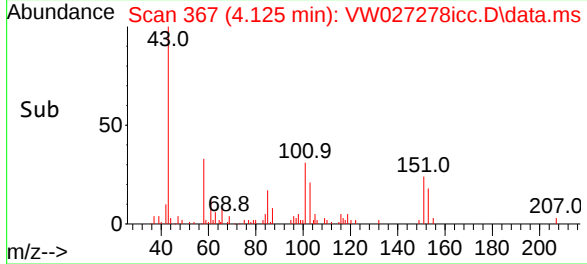
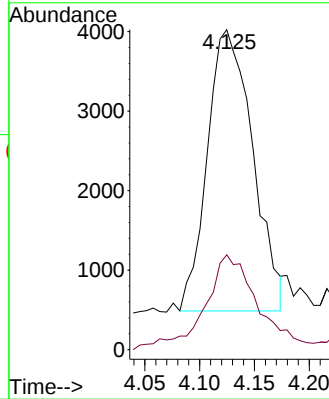
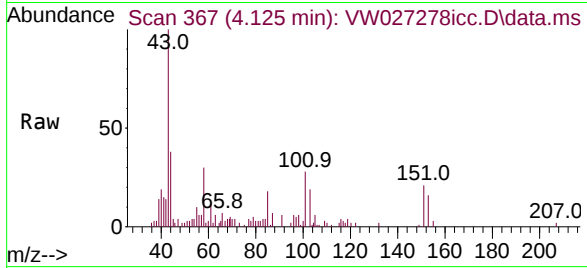
ClientSampleId :

Tgt Ion: 43 Resp: 10171

Ion Ratio Lower Upper

43 100

58 34.6 0.0 60.8



#14

Carbon disulfide

Concen: 2.720 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW027278icc.D

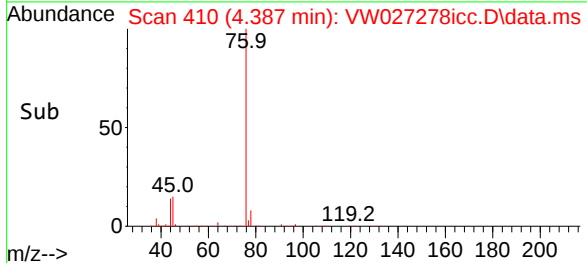
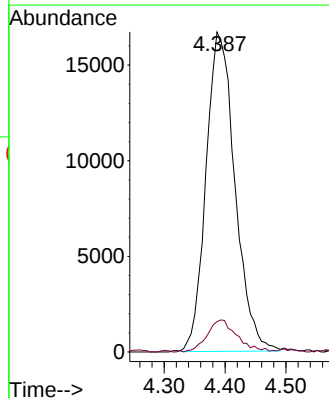
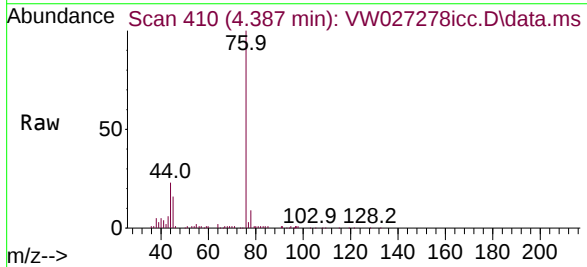
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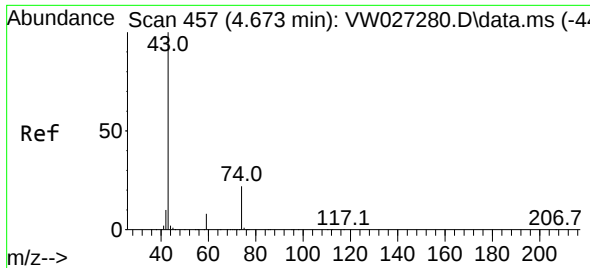
Tgt Ion: 76 Resp: 55227

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

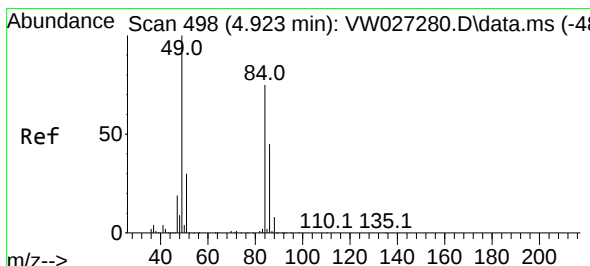
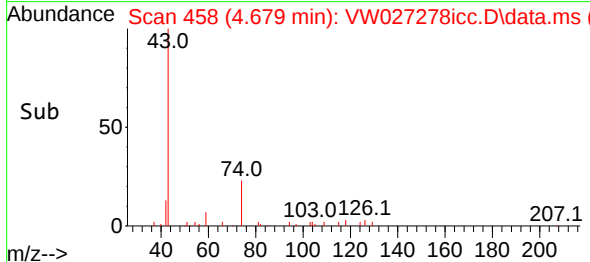
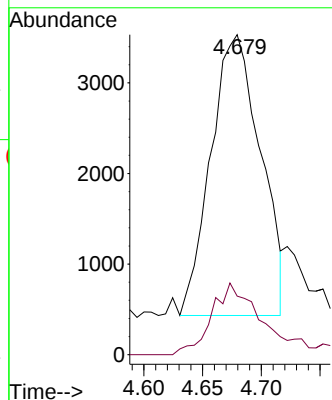
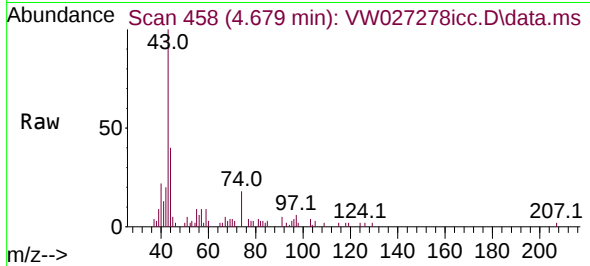




#15
Methyl Acetate
Concen: 2.442 ug/L
RT: 4.679 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

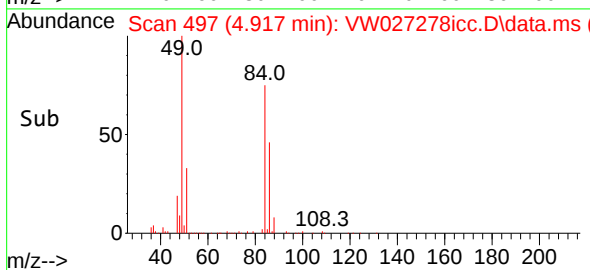
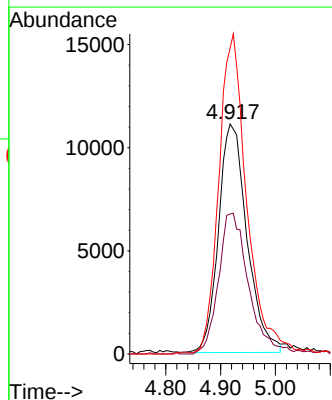
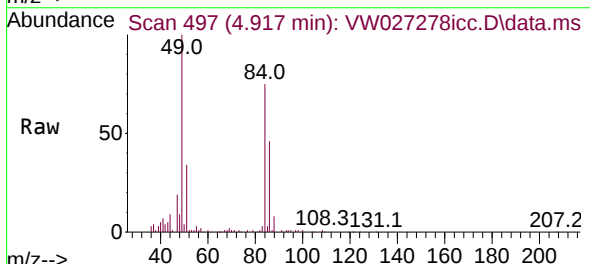
Instrument :
MSVOA_W
ClientSampleId :

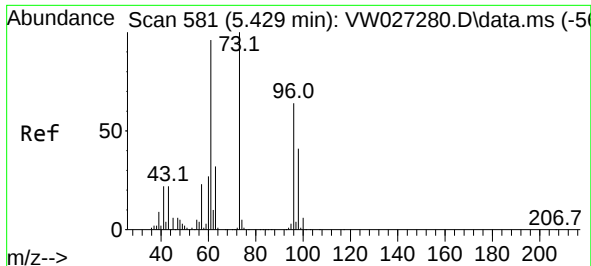
Tgt Ion: 43 Resp: 9125
Ion Ratio Lower Upper
43 100
74 23.9 17.5 26.3



#16
Methylene chloride
Concen: 4.401 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

Tgt Ion: 84 Resp: 40142
Ion Ratio Lower Upper
84 100
86 60.9 41.3 76.7
49 132.9 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 2.597 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :

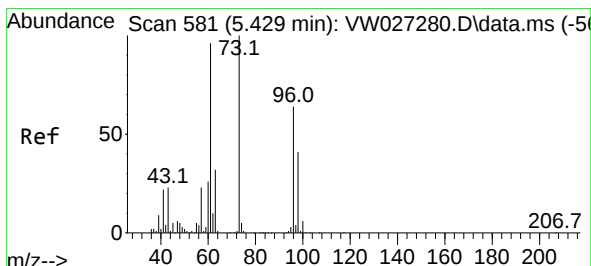
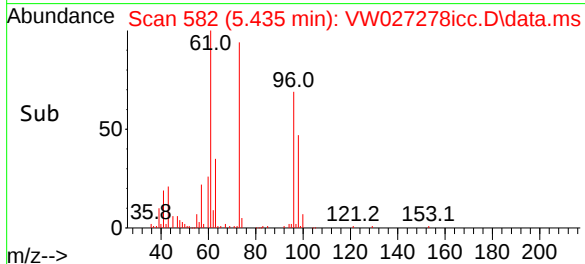
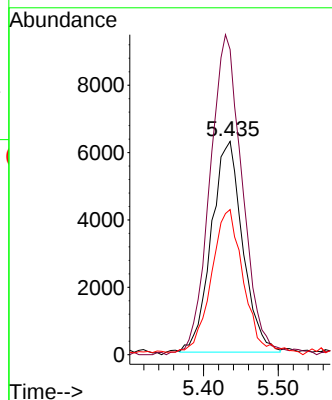
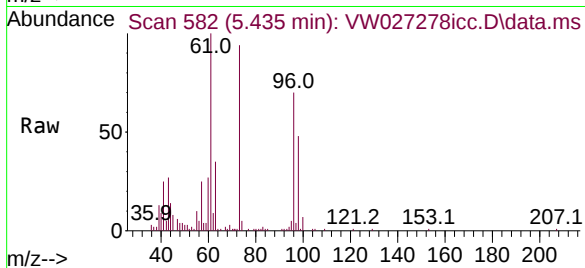
Tgt Ion: 96 Resp: 18278

Ion Ratio Lower Upper

96 100

61 143.1 105.6 196.0

98 68.0 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 2.637 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

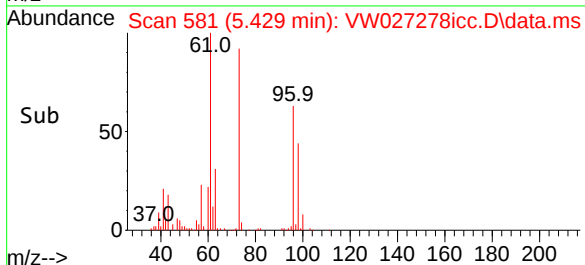
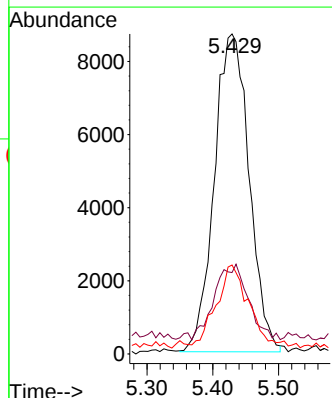
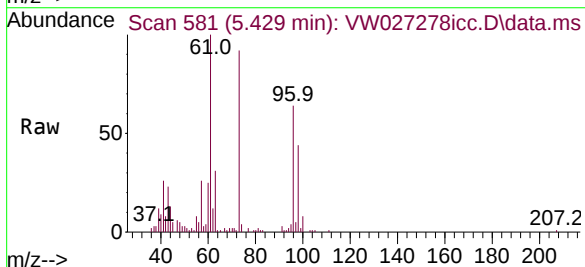
Tgt Ion: 73 Resp: 32026

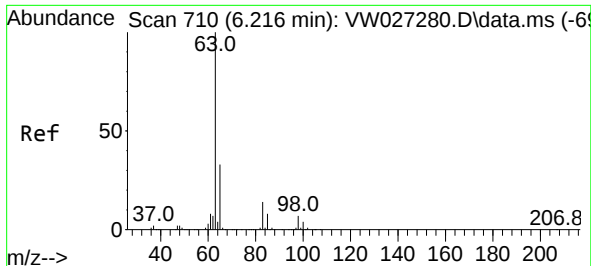
Ion Ratio Lower Upper

73 100

43 13.0 17.7 26.5

57 23.0 18.5 27.7





#19

1,1-Dichloroethane

Concen: 2.560 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

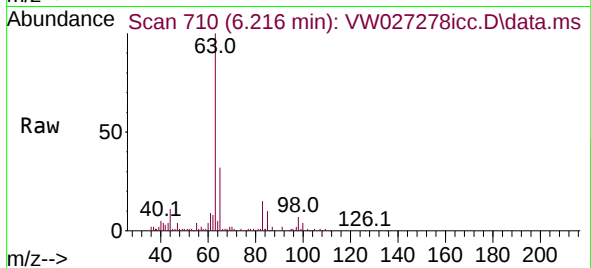
Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :



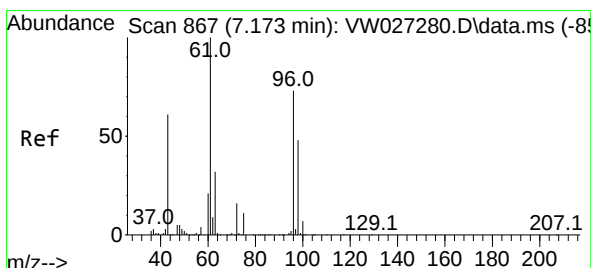
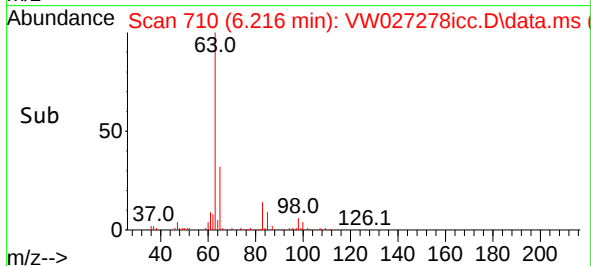
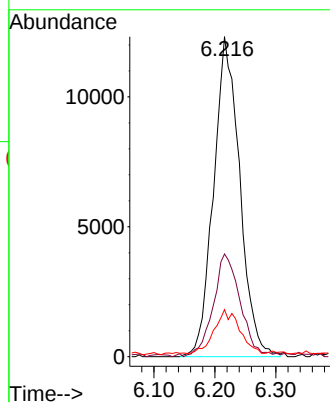
Tgt Ion: 63 Resp: 36757

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 14.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 2.558 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

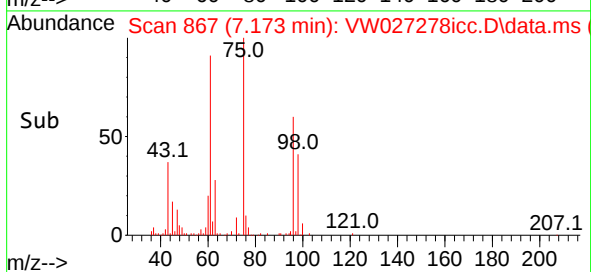
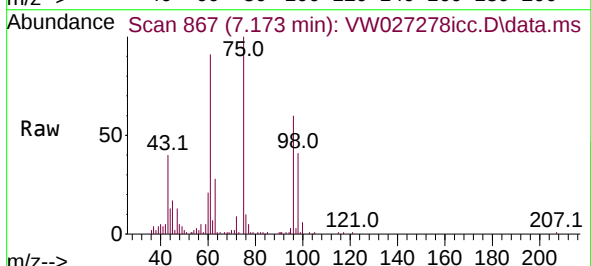
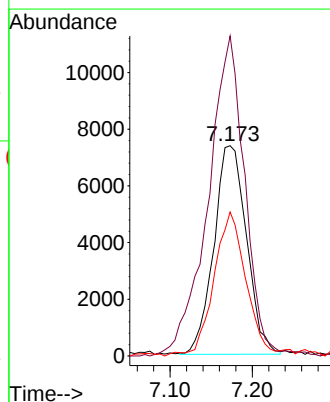
Tgt Ion: 96 Resp: 20333

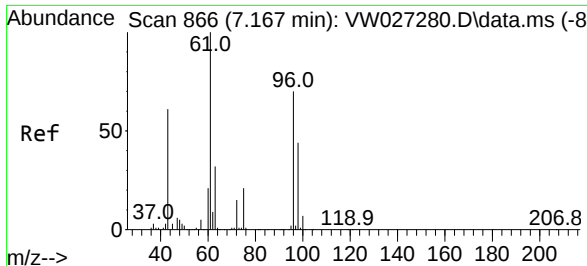
Ion Ratio Lower Upper

96 100

61 152.2 96.2 178.8

98 68.5 46.0 85.4

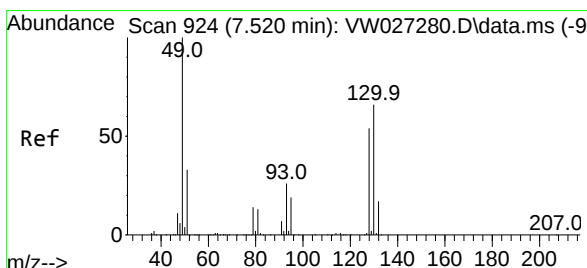
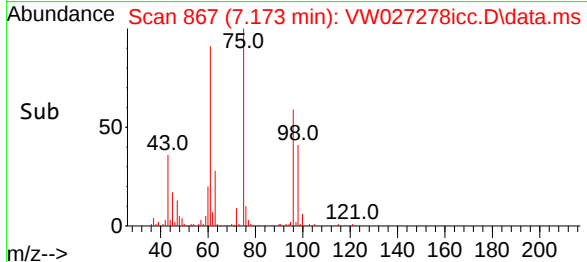
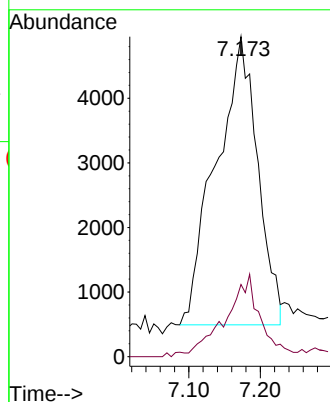
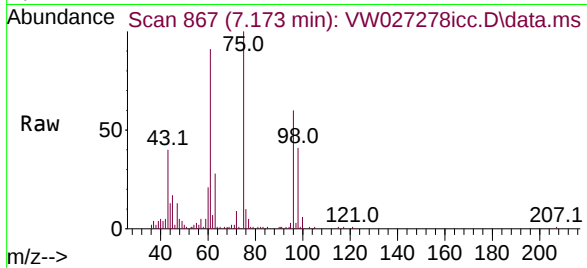




#22
2-Butanone
Concen: 5.511 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

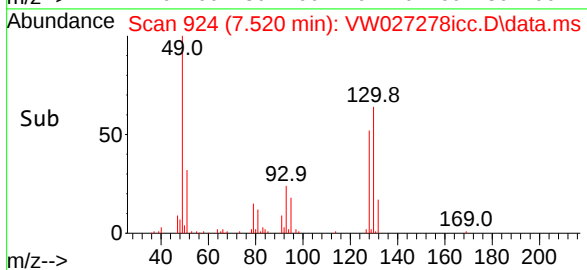
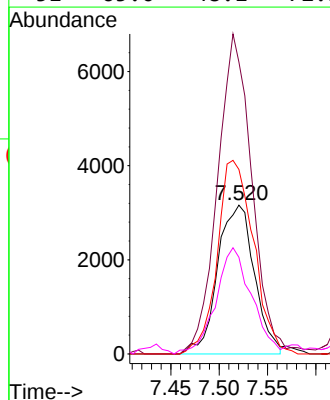
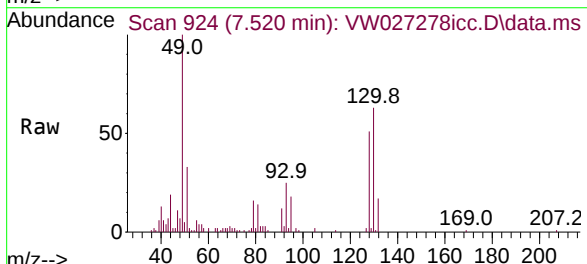
Instrument :
MSVOA_W
ClientSampleId :

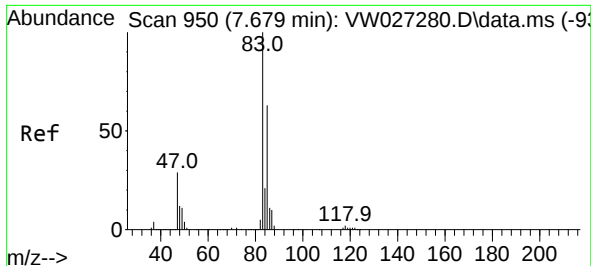
Tgt Ion: 43 Resp: 18049
Ion Ratio Lower Upper
43 100
72 17.3 12.3 36.8



#23
Bromochloromethane
Concen: 2.548 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

Tgt Ion: 128 Resp: 8361
Ion Ratio Lower Upper
128 100
49 196.1 128.9 239.5
130 126.3 85.0 157.8
51 65.0 48.1 72.1

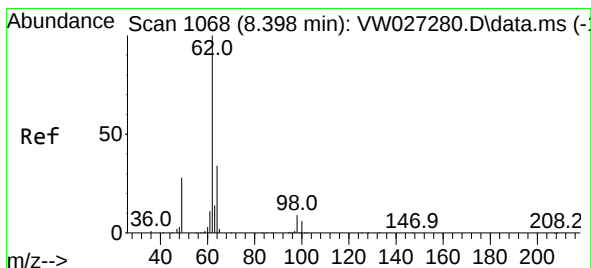
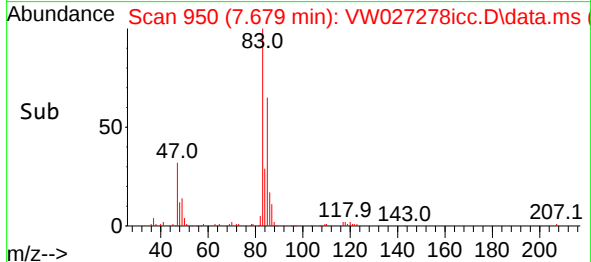
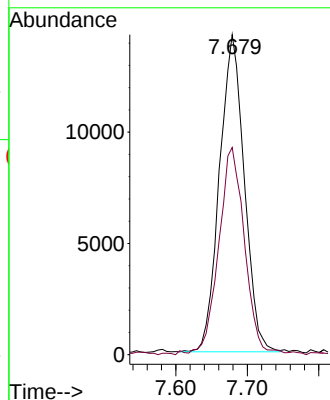
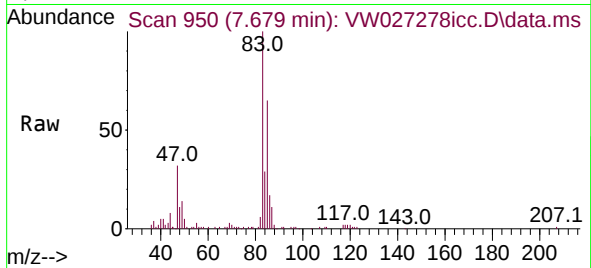




#25
Chloroform
Concen: 2.551 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

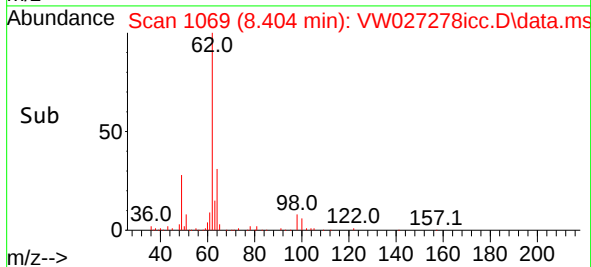
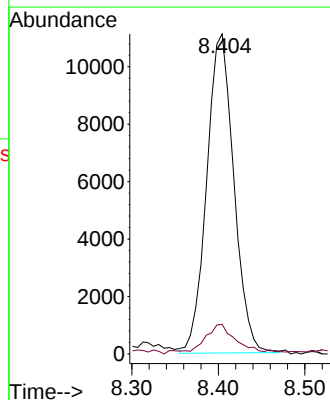
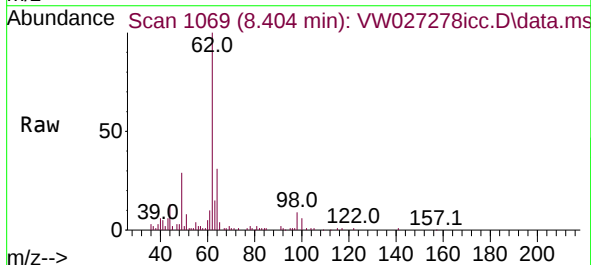
Instrument :
MSVOA_W
ClientSampleId :

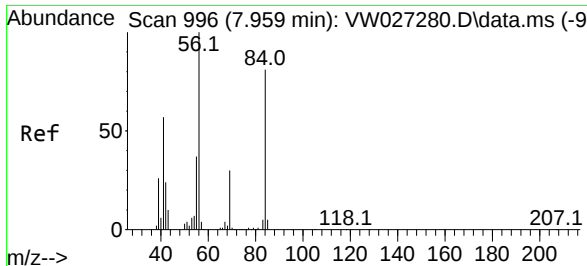
Tgt Ion: 83 Resp: 34285
Ion Ratio Lower Upper
83 100
85 64.8 44.1 81.9



#27
1,2-Dichloroethane
Concen: 2.649 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

Tgt Ion: 62 Resp: 24189
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3





#29

Cyclohexane

Concen: 2.565 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

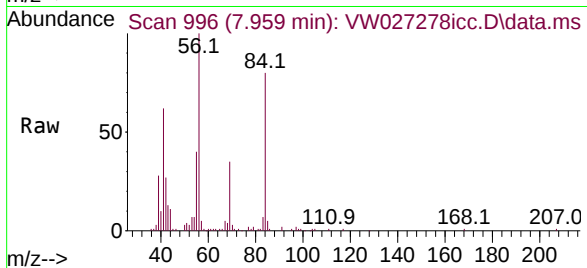
Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :



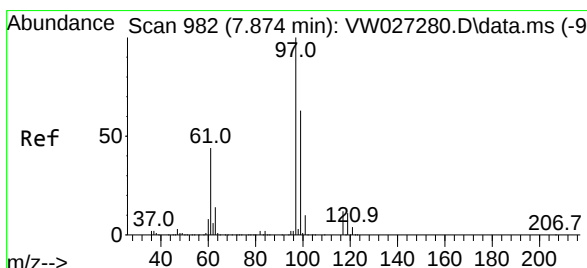
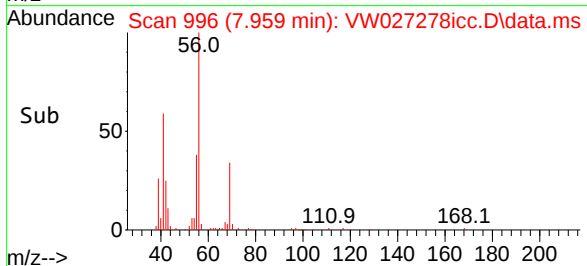
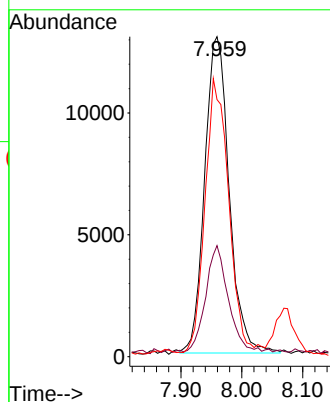
Tgt Ion: 56 Resp: 36341

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 84.1 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 2.606 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

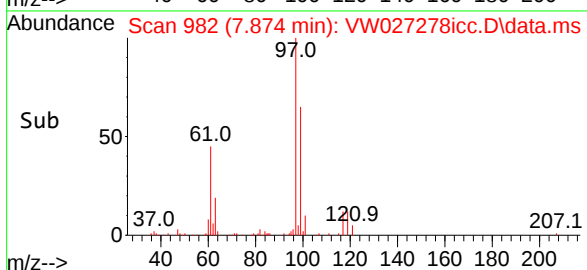
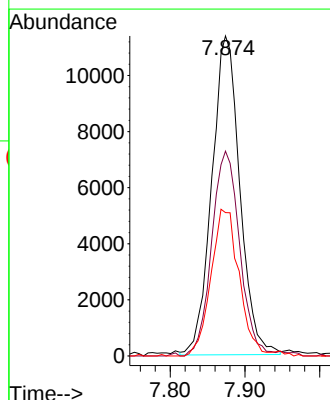
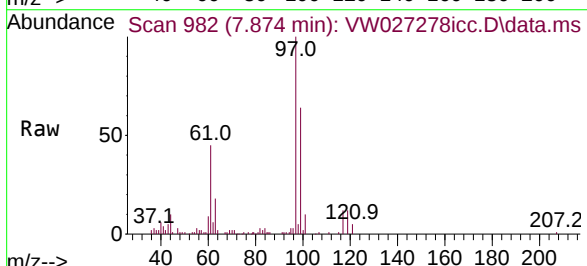
Tgt Ion: 97 Resp: 29659

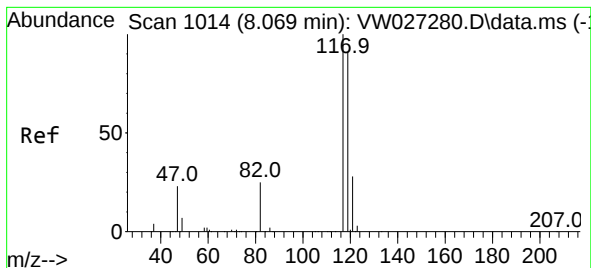
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 46.0 37.4 56.0





#31

Carbon tetrachloride

Concen: 2.533 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

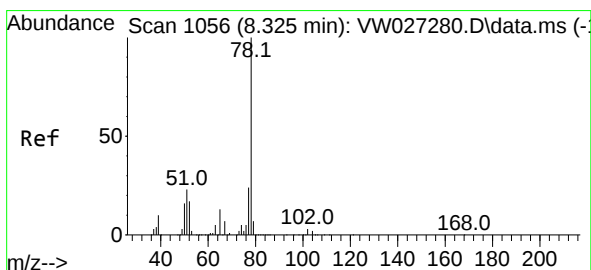
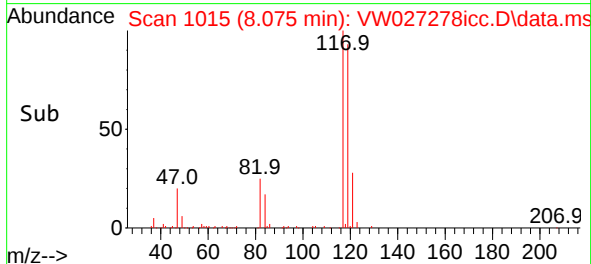
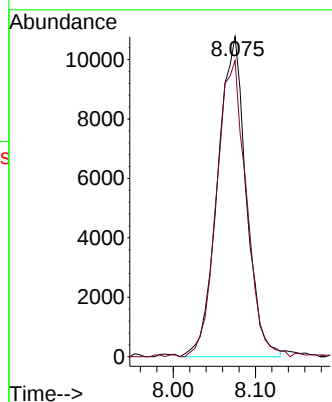
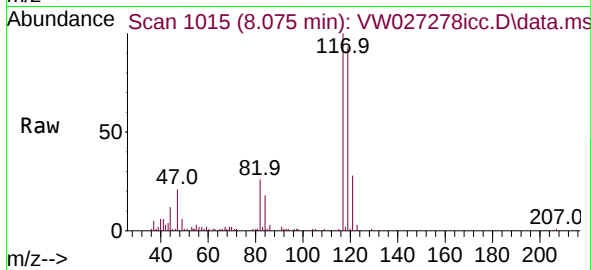
ClientSampleId :

Tgt Ion:117 Resp: 25995

Ion Ratio Lower Upper

117 100

119 96.2 77.1 115.7



#33

Benzene

Concen: 2.583 ug/L

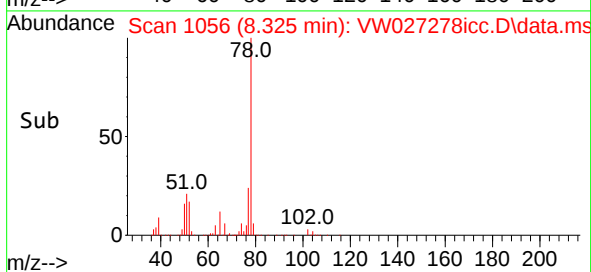
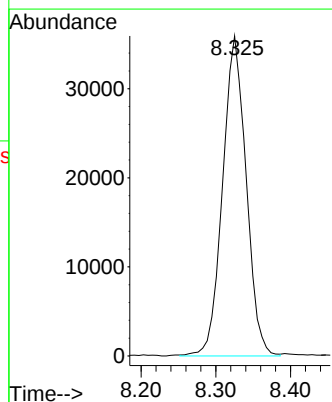
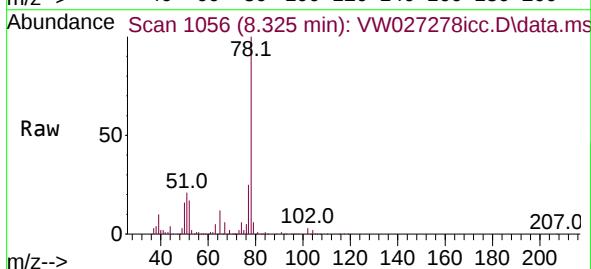
RT: 8.325 min Scan# 1056

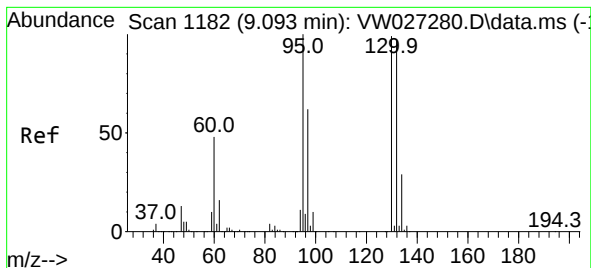
Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Tgt Ion: 78 Resp: 78745





#34

Trichloroethene

Concen: 2.554 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 20570

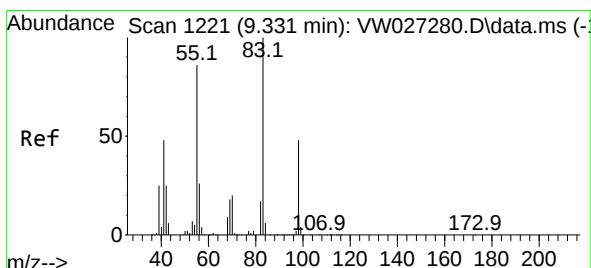
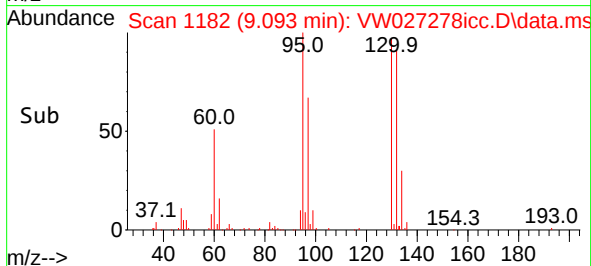
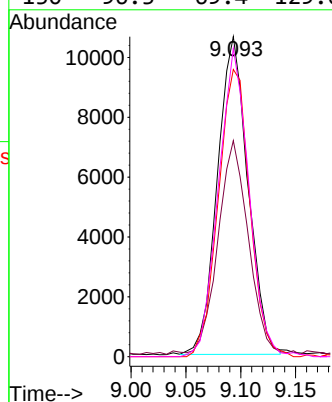
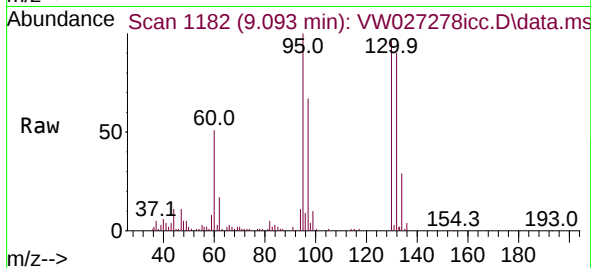
Ion Ratio Lower Upper

95 100

97 67.5 43.4 80.6

132 89.8 67.6 125.6

130 96.3 69.4 129.0



#35

Methylcyclohexane

Concen: 2.557 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

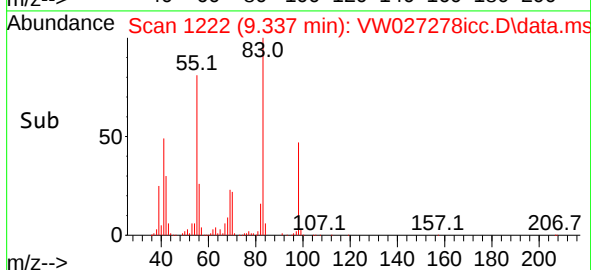
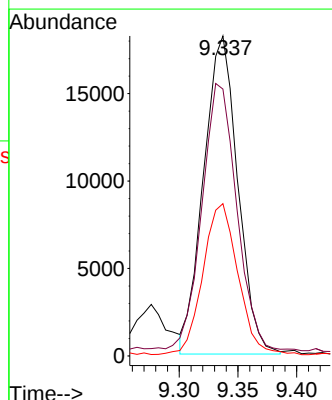
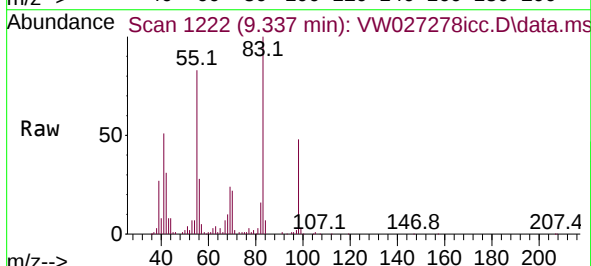
Tgt Ion: 83 Resp: 36833

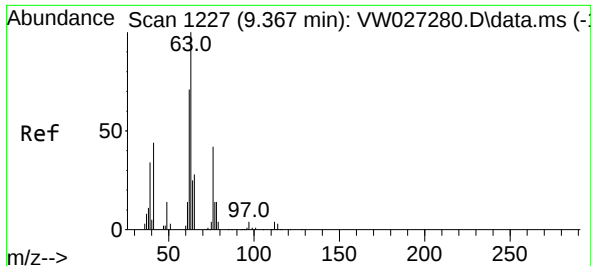
Ion Ratio Lower Upper

83 100

55 85.8 65.8 98.8

98 49.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 2.593 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

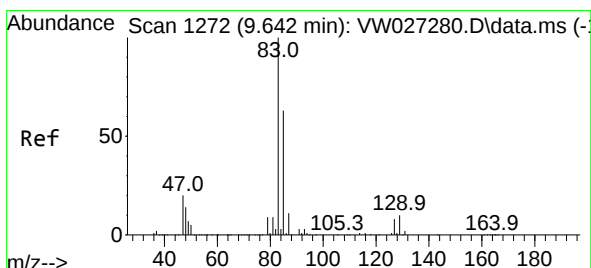
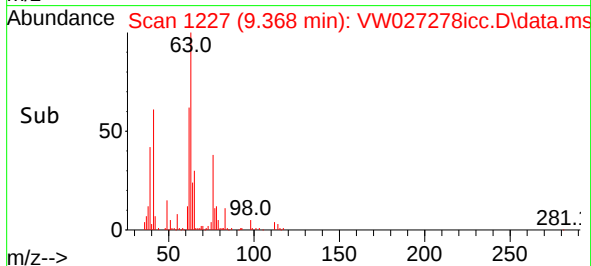
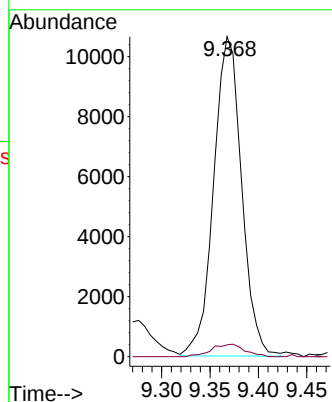
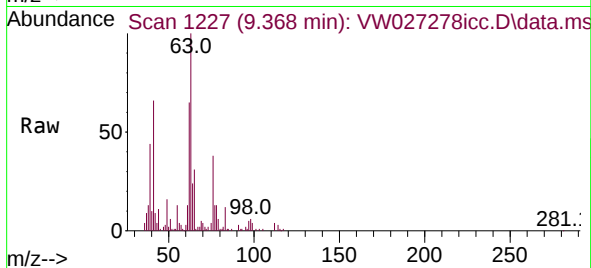
ClientSampleId :

Tgt Ion: 63 Resp: 21381

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 2.499 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

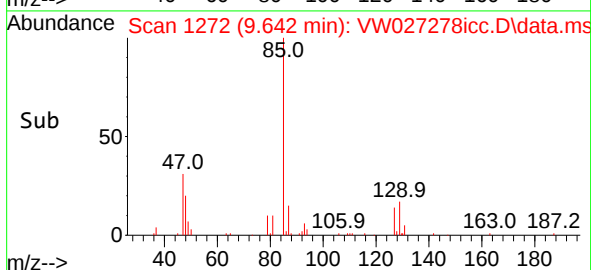
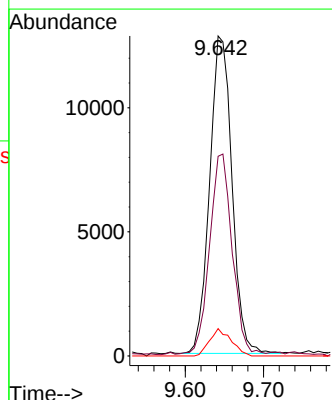
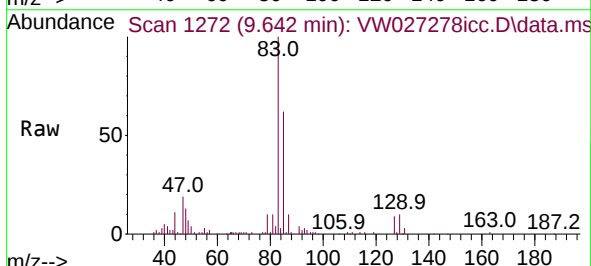
Tgt Ion: 83 Resp: 25335

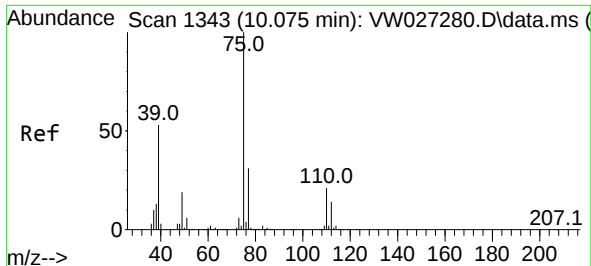
Ion Ratio Lower Upper

83 100

85 62.4 43.9 81.5

127 8.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 2.557 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

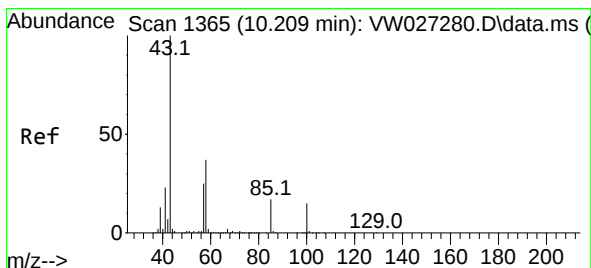
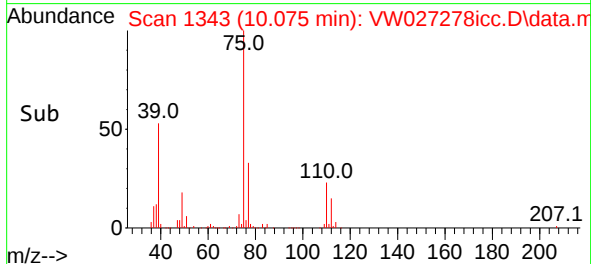
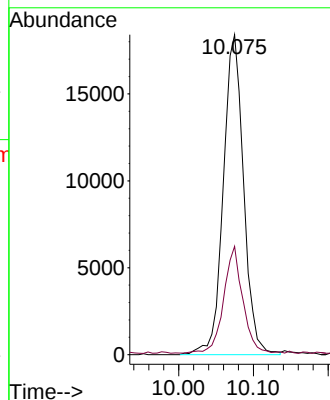
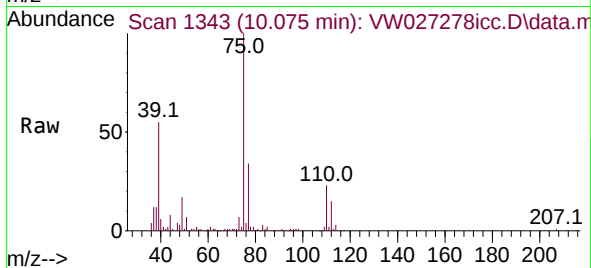
ClientSampleId :

Tgt Ion: 75 Resp: 34825

Ion Ratio Lower Upper

75 100

77 33.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 5.075 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

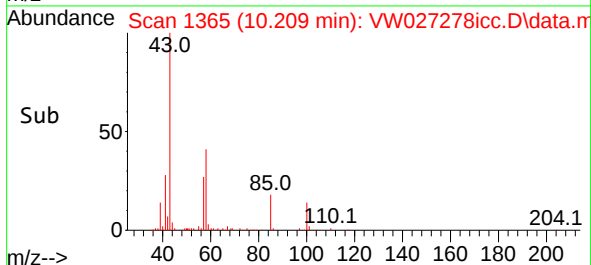
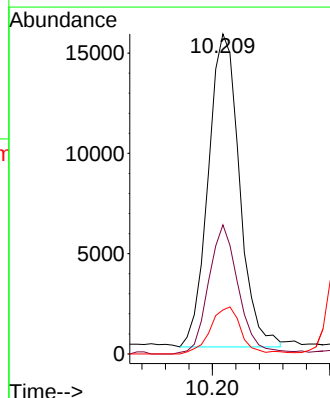
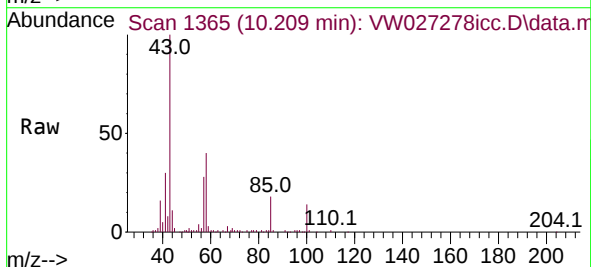
Tgt Ion: 43 Resp: 28775

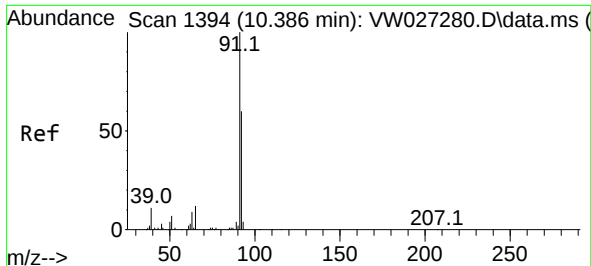
Ion Ratio Lower Upper

43 100

58 39.6 30.5 45.7

100 14.5 11.5 17.3





#42

Toluene

Concen: 2.584 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

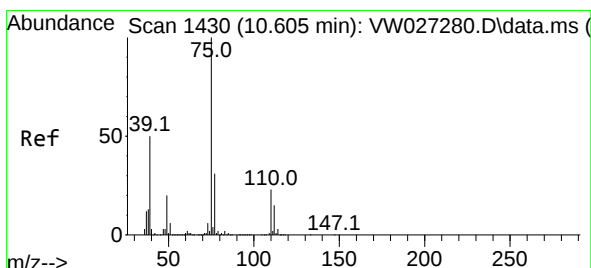
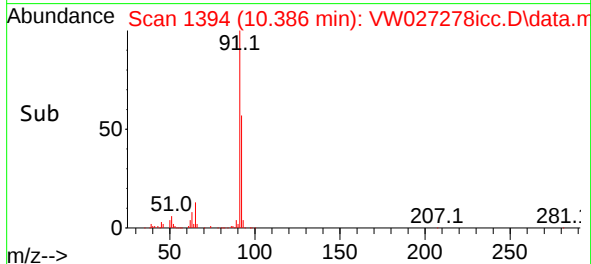
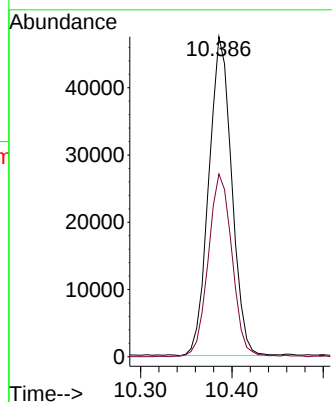
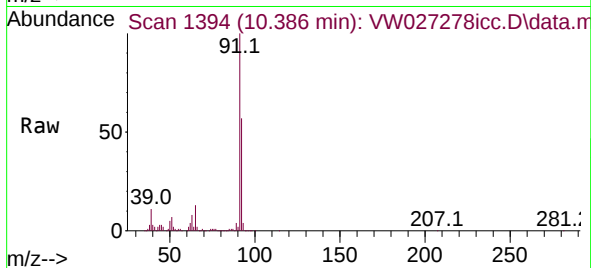
ClientSampleId :

Tgt Ion: 91 Resp: 82653

Ion Ratio Lower Upper

91 100

92 57.1 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 2.562 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027278icc.D

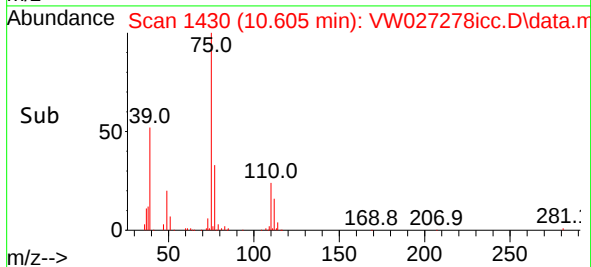
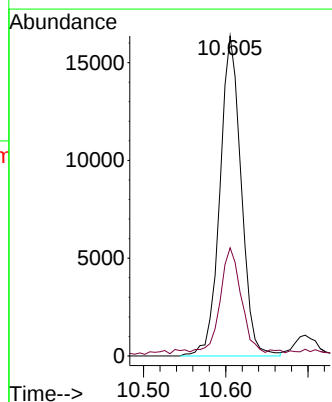
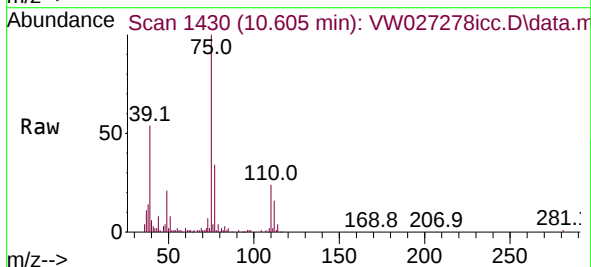
Acq: 11 Oct 2023 10:28

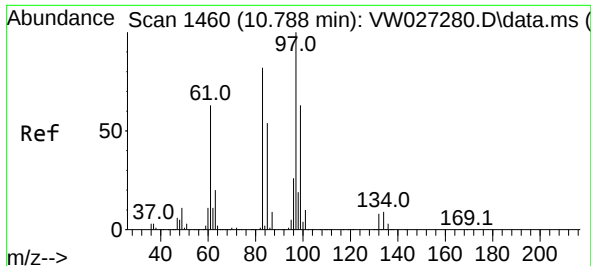
Tgt Ion: 75 Resp: 29436

Ion Ratio Lower Upper

75 100

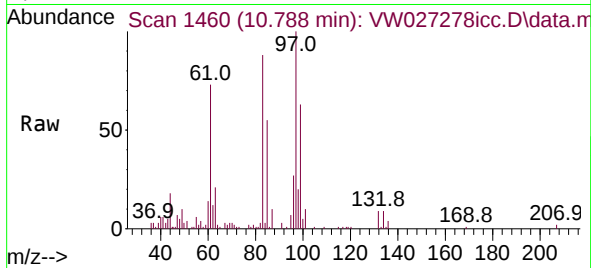
77 33.8 22.0 41.0



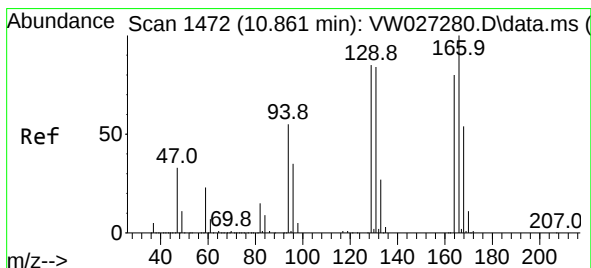
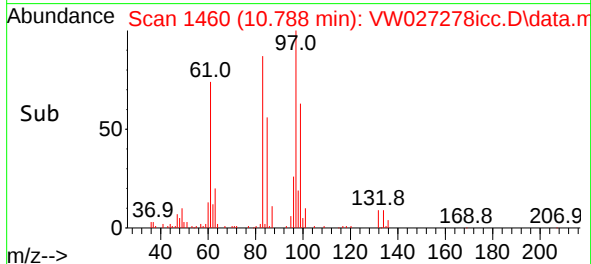
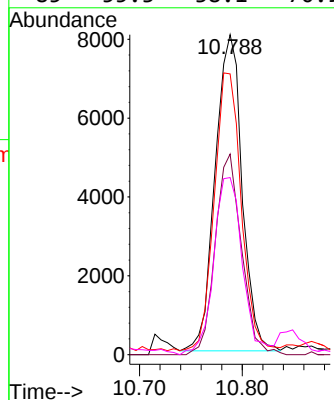


#45
1,1,2-Trichloroethane
Concen: 2.581 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

Instrument :
MSVOA_W
ClientSampleId :

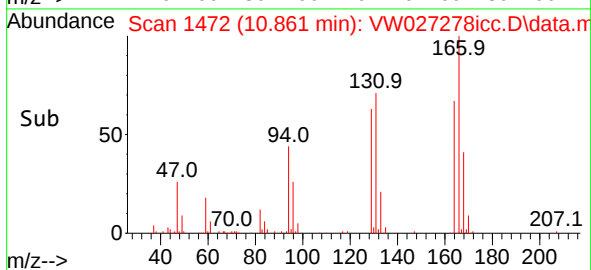
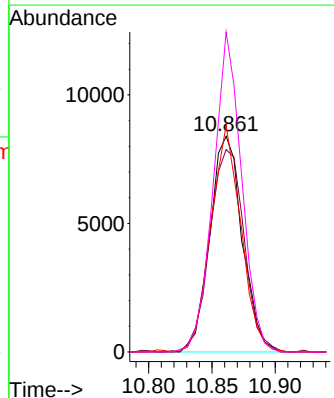
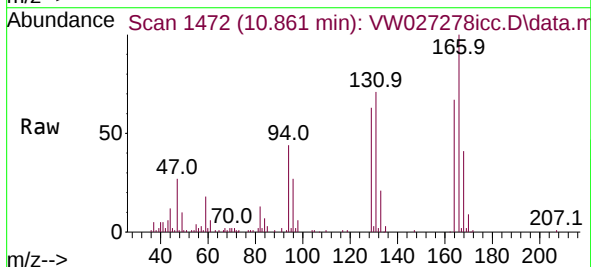


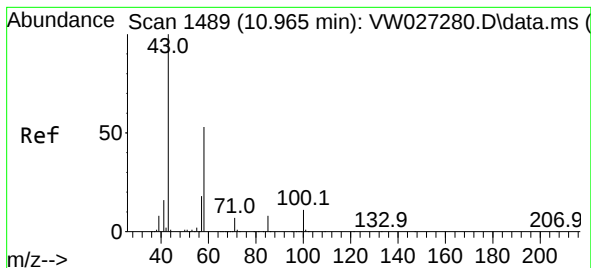
Tgt Ion: 97	Resp: 14645
Ion Ratio	Lower Upper
97 100	
99 62.7	43.8 81.4
83 87.7	57.5 106.7
85 55.3	38.1 70.9



#46
Tetrachloroethene
Concen: 2.690 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

Tgt	Ion:164	Resp:	14960
Ion	Ratio	Lower	Upper
164	100		
129	93.8	74.7	138.7
131	105.1	73.2	136.0
166	148.4	87.3	162.1





#48

2-Hexanone

Concen: 4.526 ug/L

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

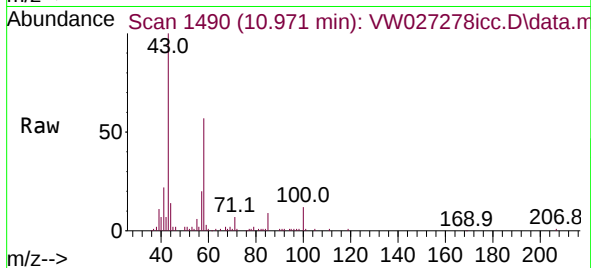
Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 18994

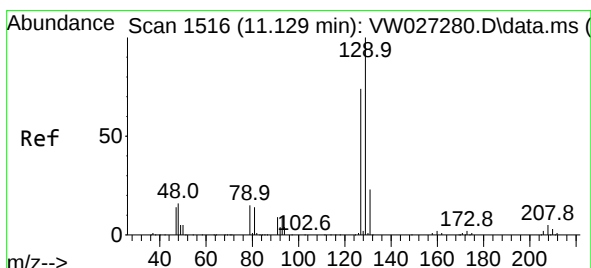
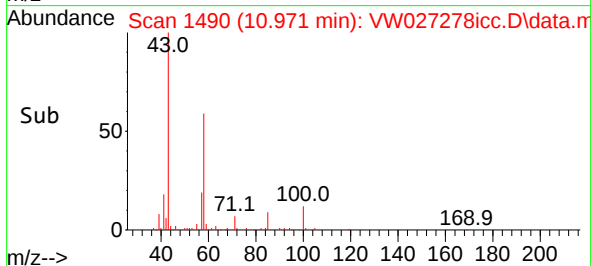
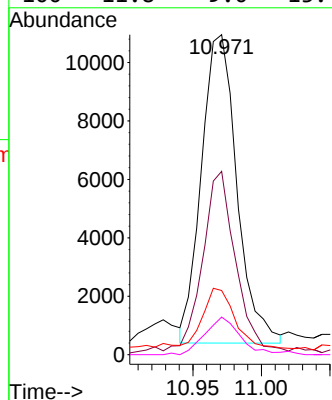
Ion Ratio Lower Upper

43 100

58 53.4 42.2 63.4

57 17.9 15.1 22.7

100 11.8 9.0 13.4



#49

Dibromochloromethane

Concen: 2.476 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027278icc.D

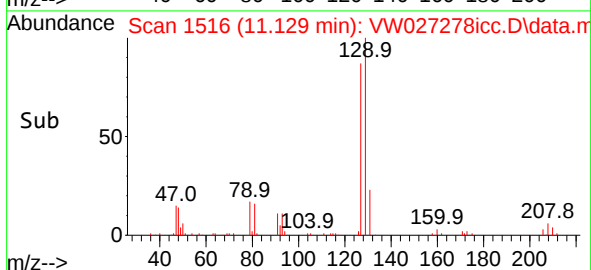
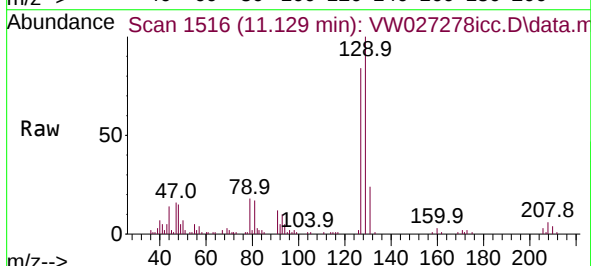
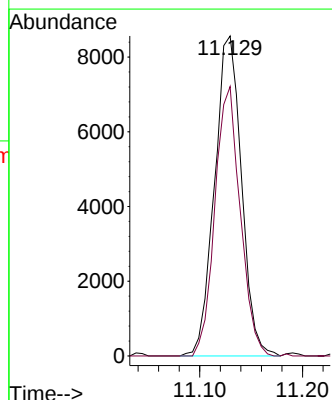
Acq: 11 Oct 2023 10:28

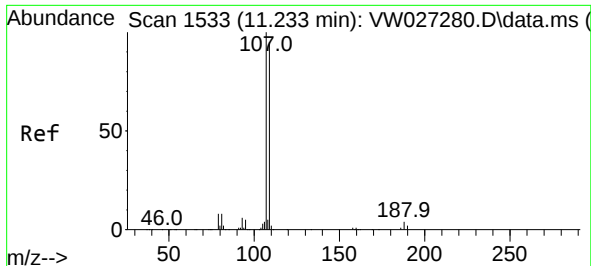
Tgt Ion: 129 Resp: 15599

Ion Ratio Lower Upper

129 100

127 84.2 51.7 95.9





#50

1,2-Dibromoethane

Concen: 2.550 ug/L

RT: 11.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :

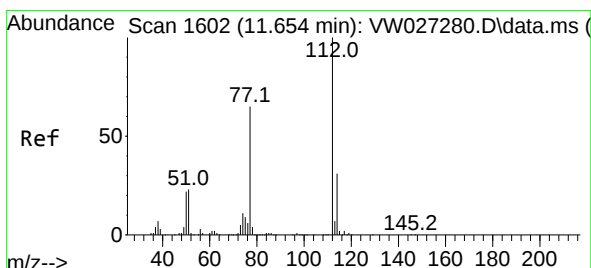
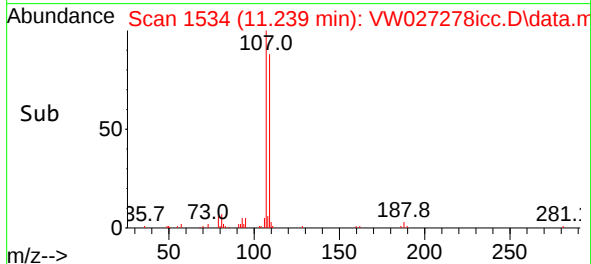
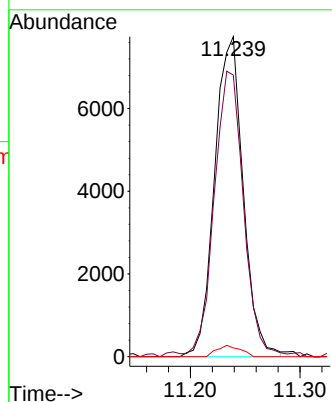
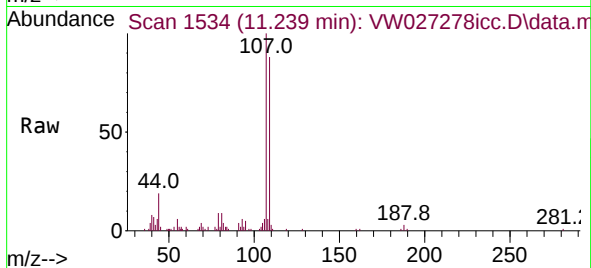
Tgt Ion:107 Resp: 14026

Ion Ratio Lower Upper

107 100

109 88.0 66.3 123.1

188 2.8 3.0 4.4#



#51

Chlorobenzene

Concen: 2.577 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

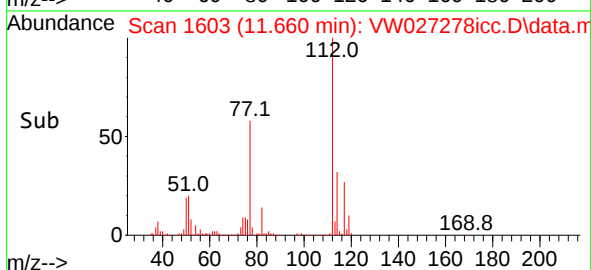
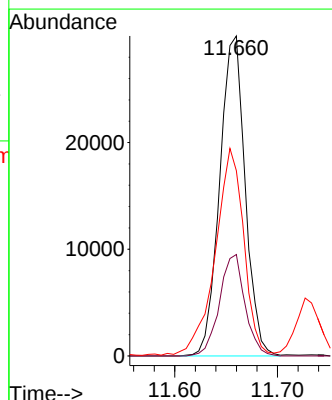
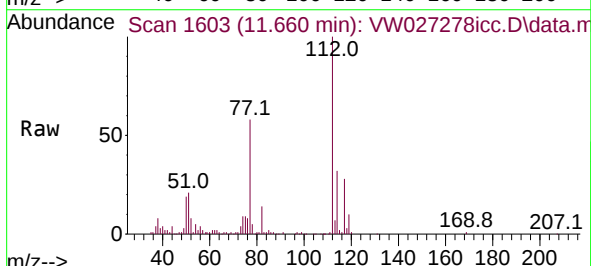
Tgt Ion:112 Resp: 51615

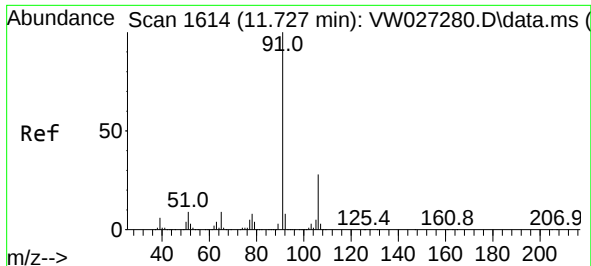
Ion Ratio Lower Upper

112 100

114 31.7 21.8 40.6

77 57.9 52.2 78.4

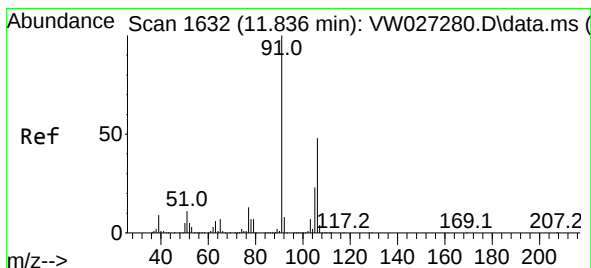
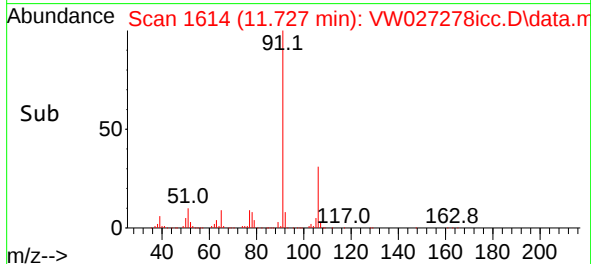
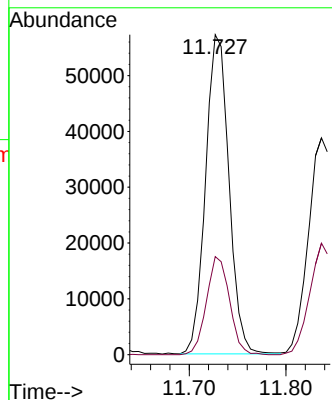
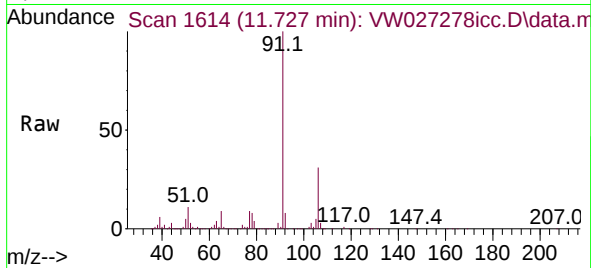




#52
Ethylbenzene
Concen: 2.584 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

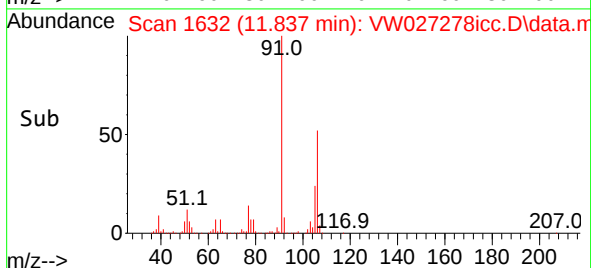
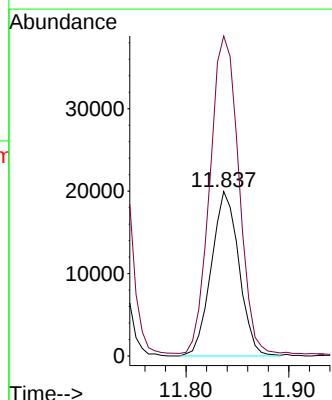
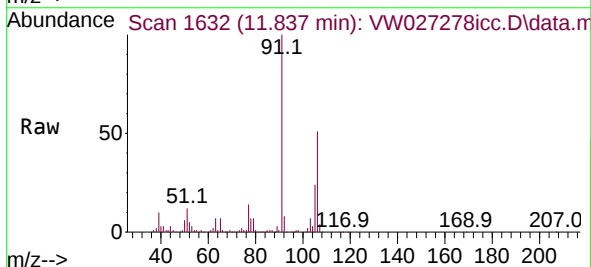
Instrument :
MSVOA_W
ClientSampleId :

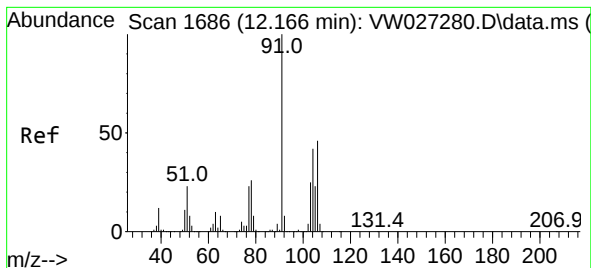
Tgt Ion: 91 Resp: 96040
Ion Ratio Lower Upper
91 100
106 30.7 19.8 36.8



#53
m,p-Xylene
Concen: 2.642 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

Tgt Ion:106 Resp: 37242
Ion Ratio Lower Upper
106 100
91 194.5 144.5 268.4





#54

o-Xylene

Concen: 2.501 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

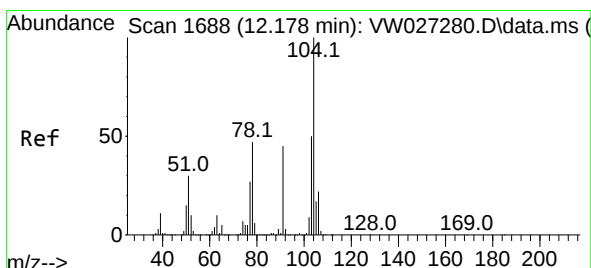
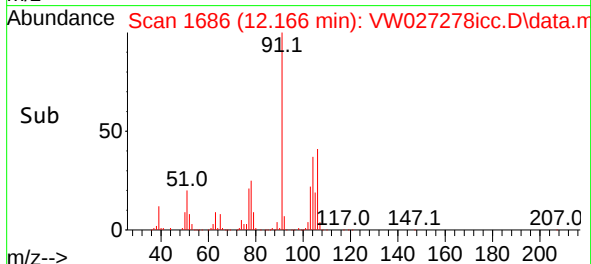
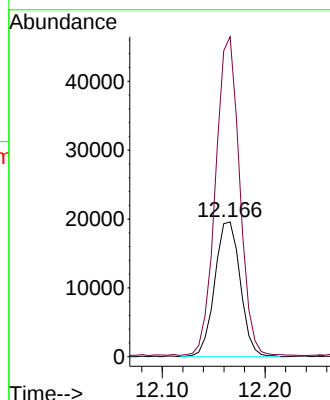
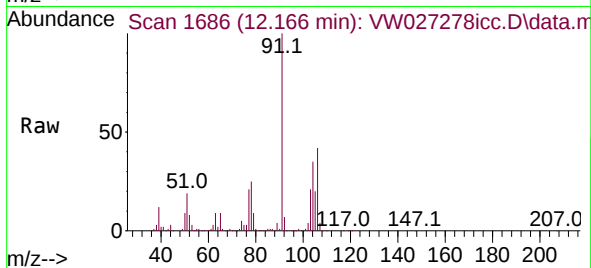
ClientSampleId :

Tgt Ion:106 Resp: 33764

Ion Ratio Lower Upper

106 100

91 237.5 152.0 282.2



#55

Styrene

Concen: 2.483 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027278icc.D

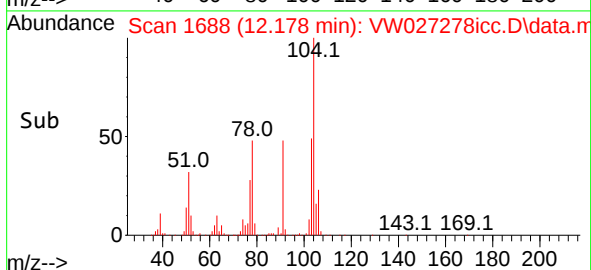
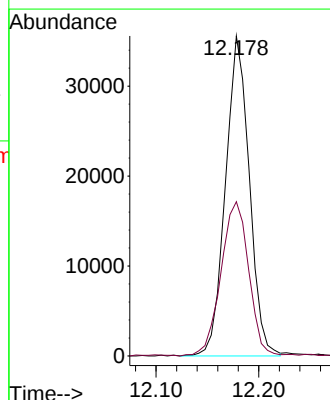
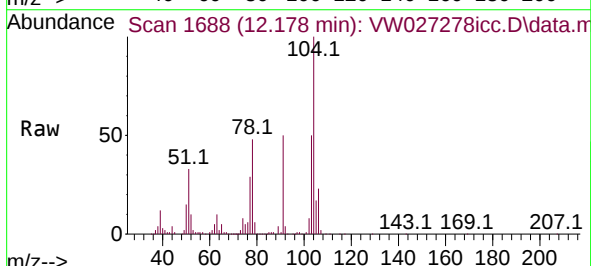
Acq: 11 Oct 2023 10:28

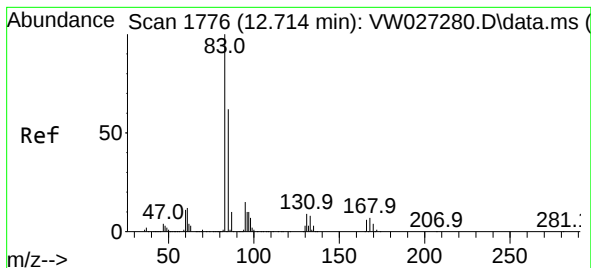
Tgt Ion:104 Resp: 57258

Ion Ratio Lower Upper

104 100

78 48.2 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.575 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :

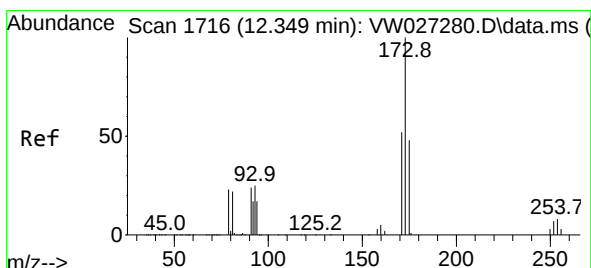
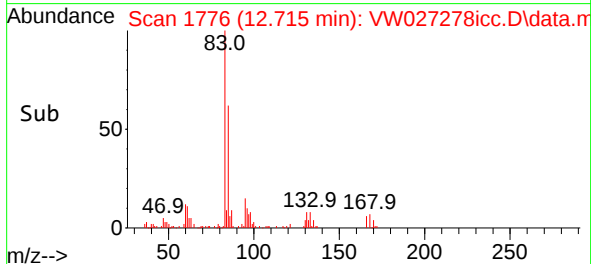
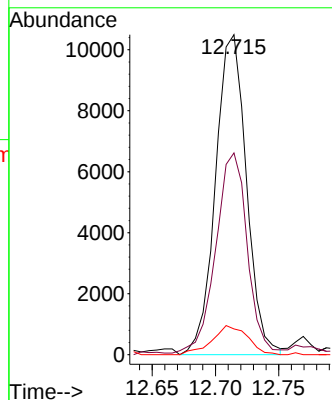
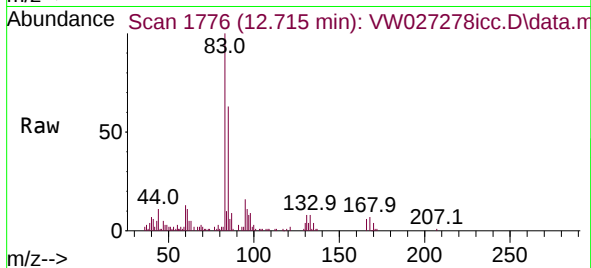
Tgt Ion: 83 Resp: 17837

Ion Ratio Lower Upper

83 100

85 63.1 43.2 80.2

131 8.1 7.2 10.8



#59

Bromoform

Concen: 2.447 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

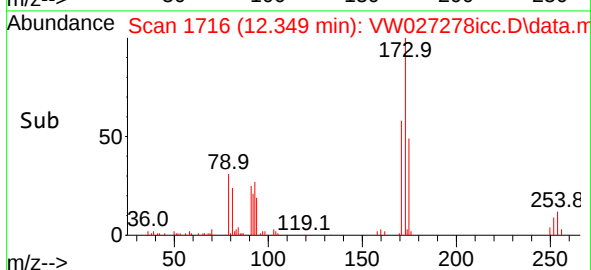
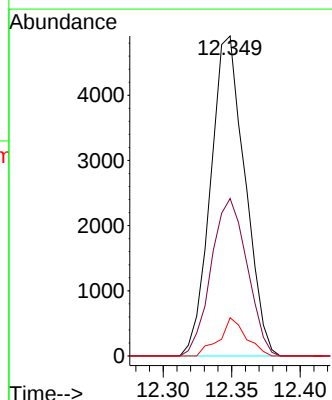
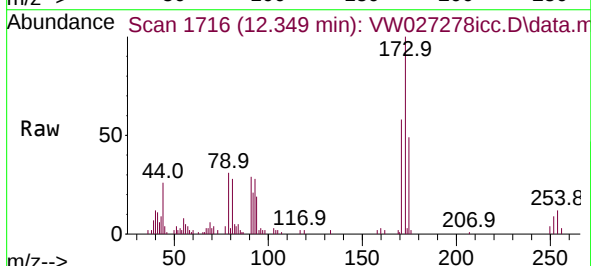
Tgt Ion: 173 Resp: 8542

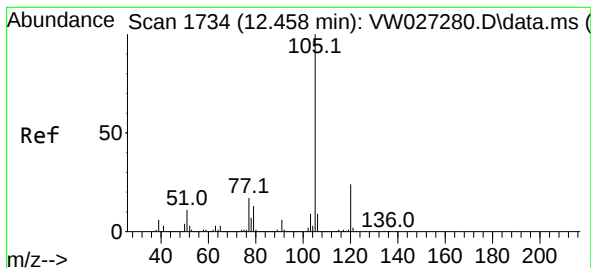
Ion Ratio Lower Upper

173 100

175 51.6 39.6 59.4

254 9.3 6.6 10.0





#60

Isopropylbenzene

Concen: 2.580 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027278icc.D

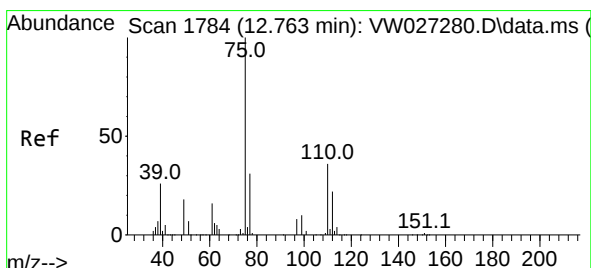
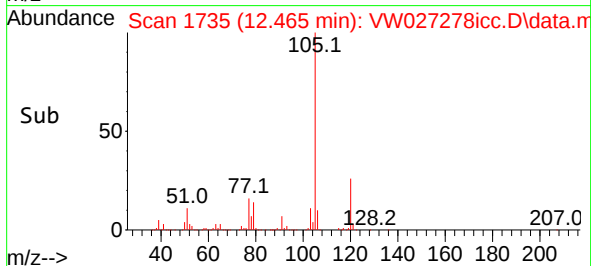
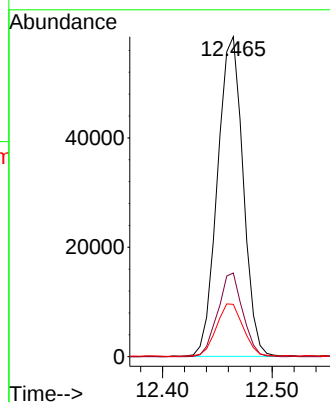
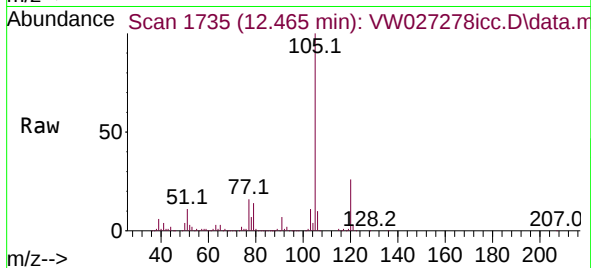
Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	95081
Ion Ratio	Lower	Upper	
105	100		
120	25.4	20.1	30.1
77	17.2	12.9	19.3



#61

1,2,3-Trichloropropane

Concen: 2.584 ug/L

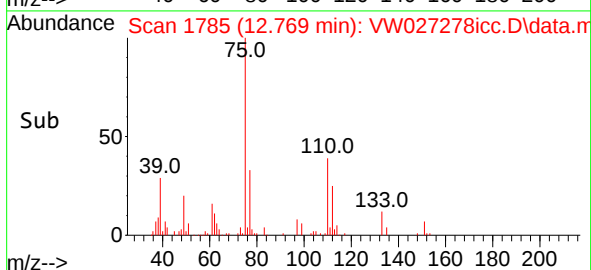
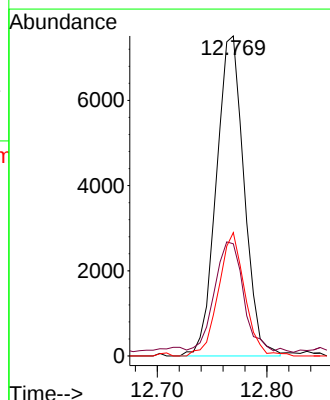
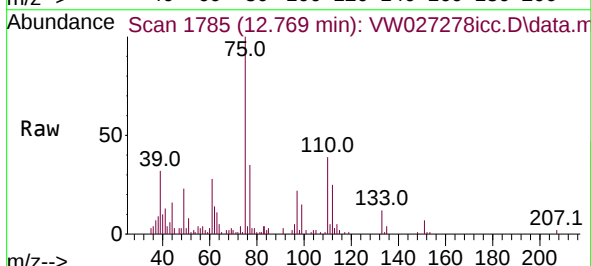
RT: 12.769 min Scan# 1785

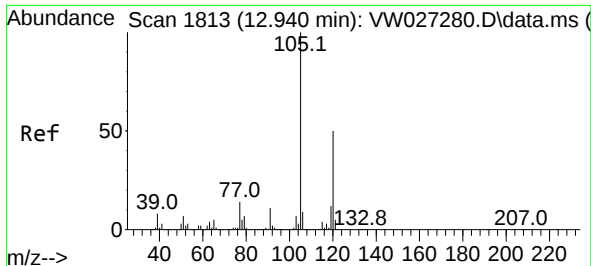
Delta R.T. 0.006 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Tgt Ion:	75	Resp:	13234
Ion Ratio	Lower	Upper	
75	100		
77	35.1	25.4	38.0
110	36.0	29.7	44.5

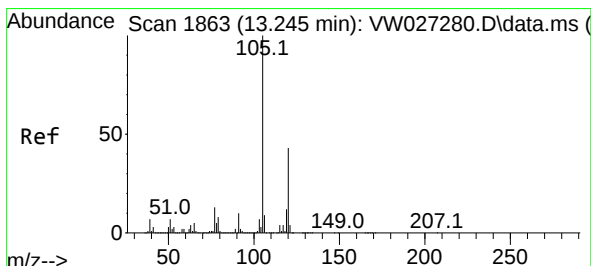
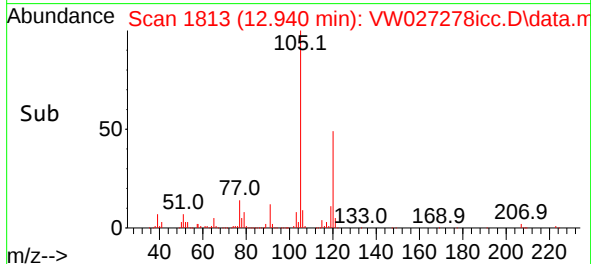
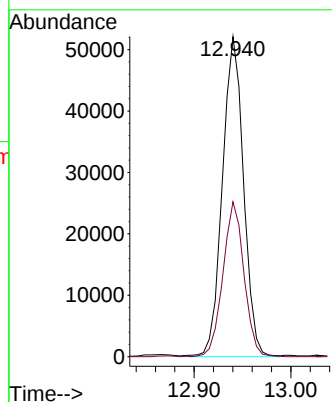
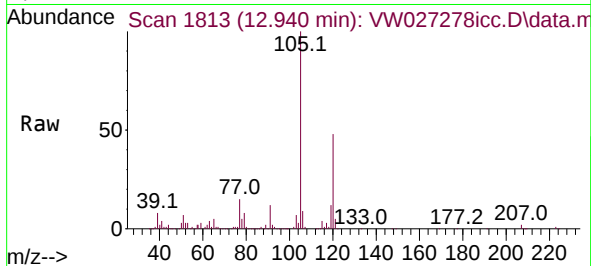




#62
1,3,5-Trimethylbenzene
Concen: 2.569 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

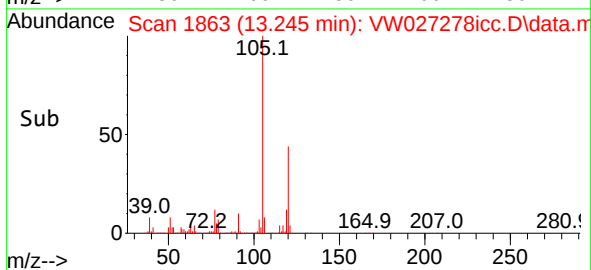
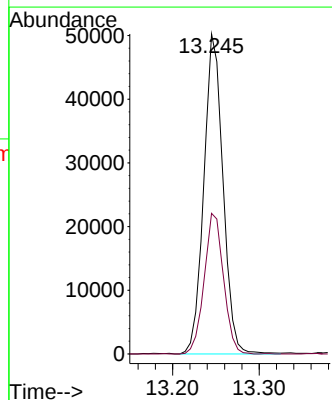
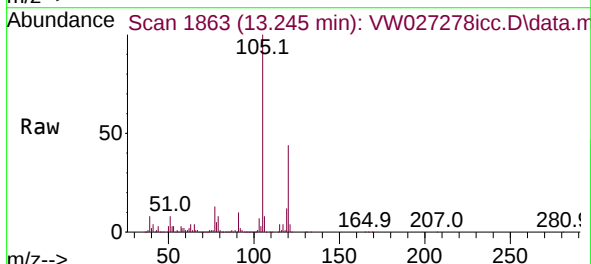
Instrument :
MSVOA_W
ClientSampleId :

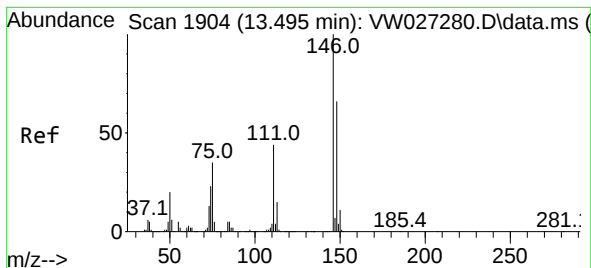
Tgt Ion:105 Resp: 78967
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 2.569 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027278icc.D
Acq: 11 Oct 2023 10:28

Tgt Ion:105 Resp: 77264
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 2.525 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :

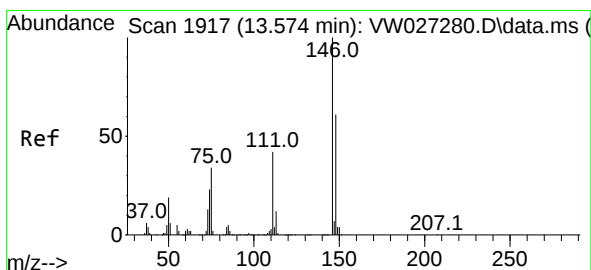
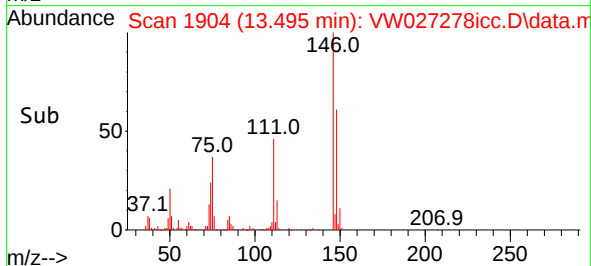
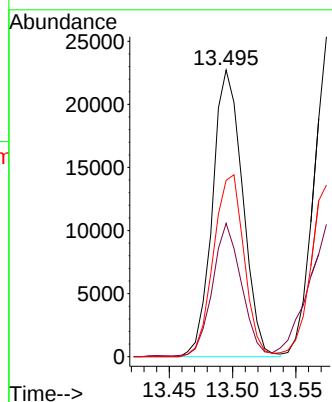
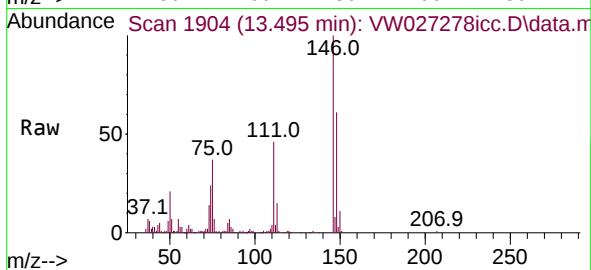
Tgt Ion:146 Resp: 37736

Ion Ratio Lower Upper

146 100

111 46.5 30.8 57.2

148 61.5 46.3 85.9



#65

1,4-Dichlorobenzene

Concen: 2.573 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

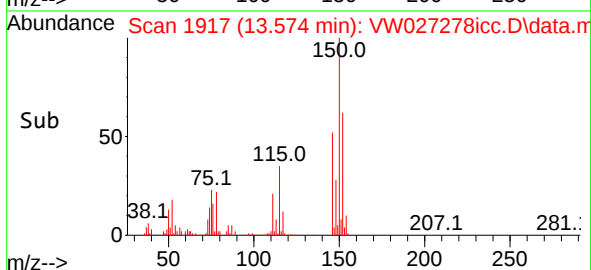
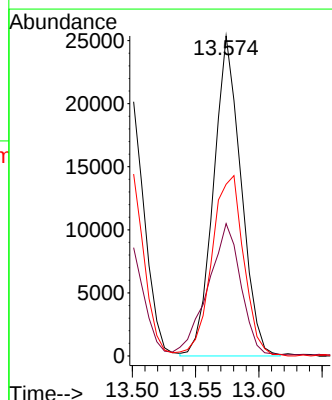
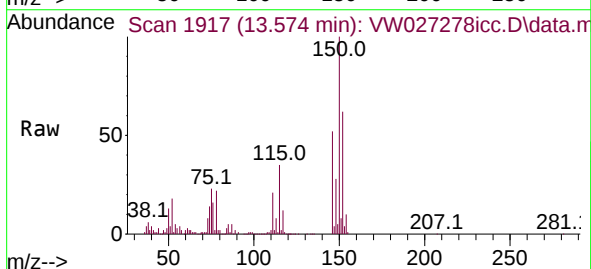
Tgt Ion:146 Resp: 38389

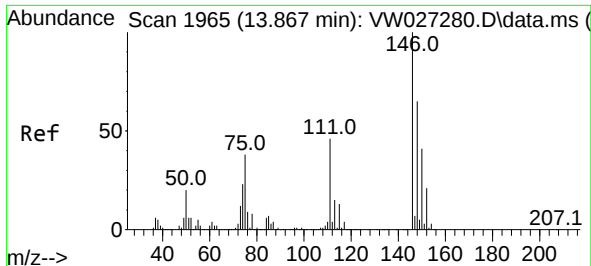
Ion Ratio Lower Upper

146 100

111 41.3 29.5 54.9

148 53.7 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 2.614 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

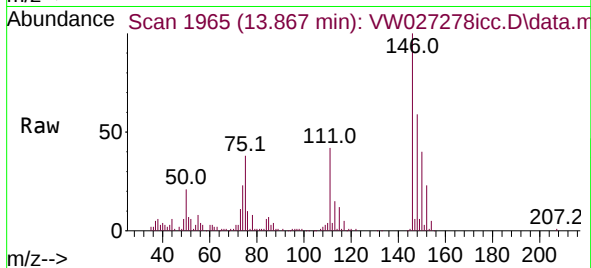
Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :



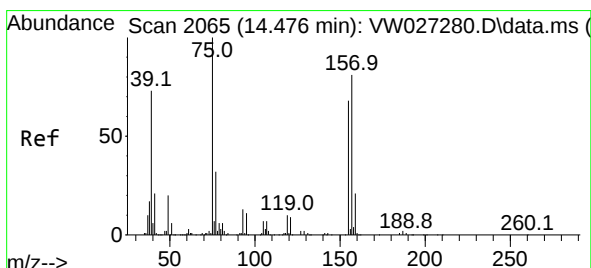
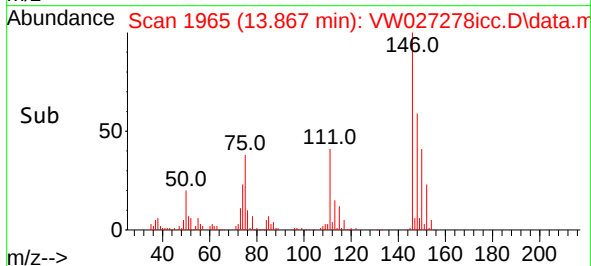
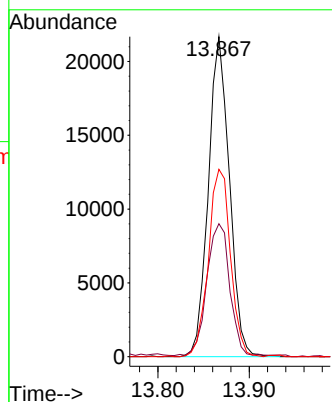
Tgt Ion:146 Resp: 34665

Ion Ratio Lower Upper

146 100

111 41.6 36.8 55.2

148 58.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 2.590 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

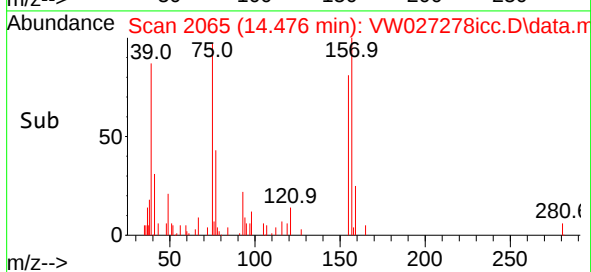
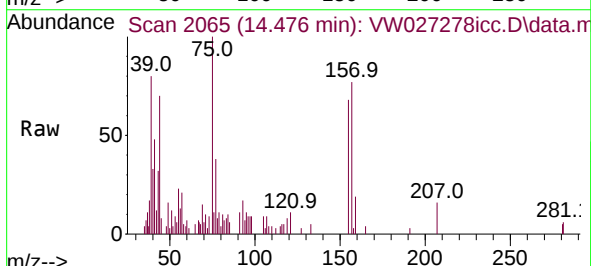
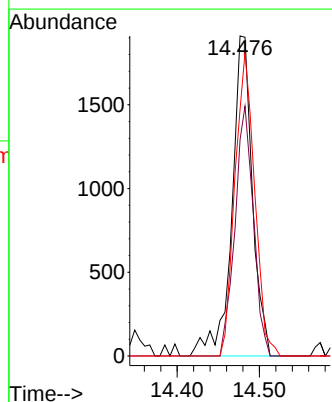
Tgt Ion: 75 Resp: 3315

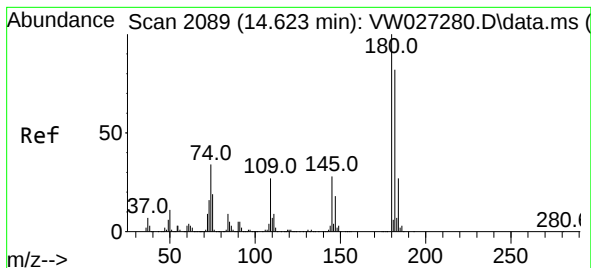
Ion Ratio Lower Upper

75 100

155 67.6 54.9 82.3

157 77.0 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 2.655 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 25754

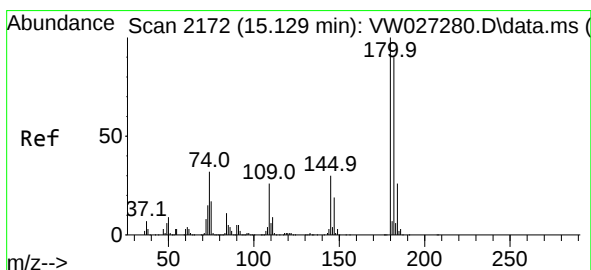
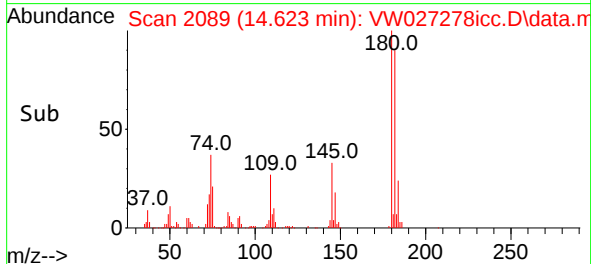
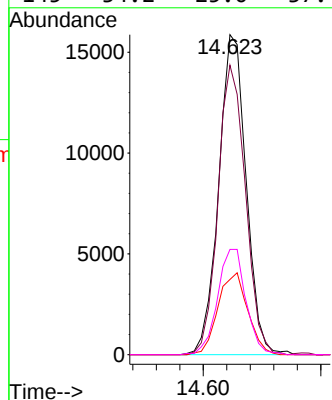
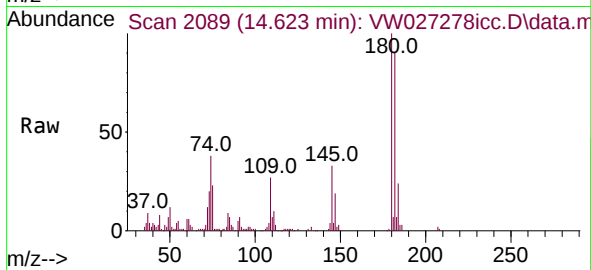
Ion Ratio Lower Upper

180 100

182 90.3 73.4 110.0

184 27.7 23.3 34.9

145 34.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 2.579 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

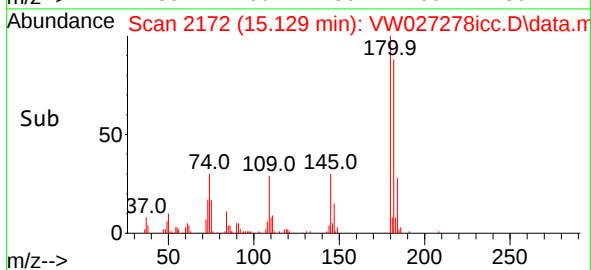
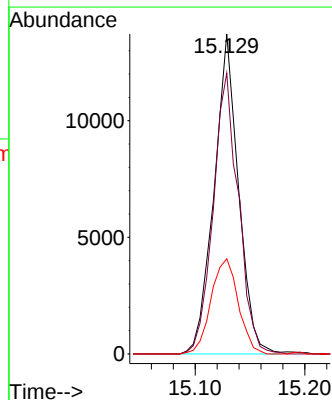
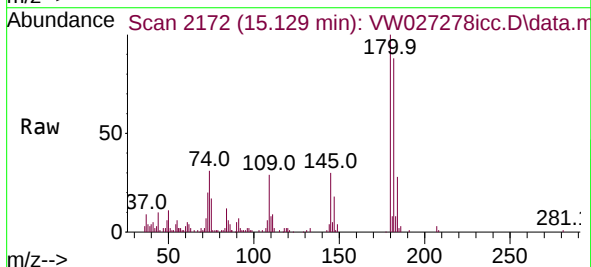
Tgt Ion:180 Resp: 21295

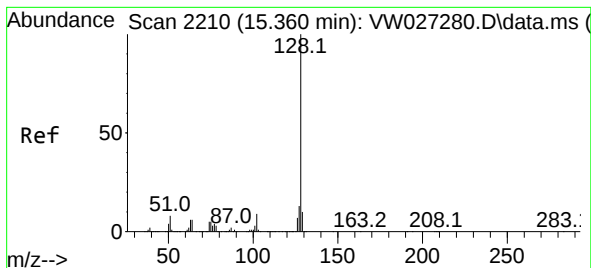
Ion Ratio Lower Upper

180 100

182 90.4 75.5 113.3

145 33.1 26.4 39.6





#71

Naphthalene

Concen: 2.462 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Instrument :

MSVOA_W

ClientSampleId :

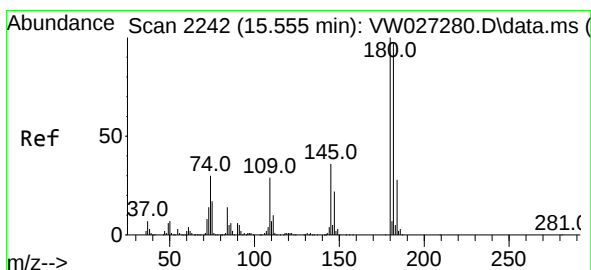
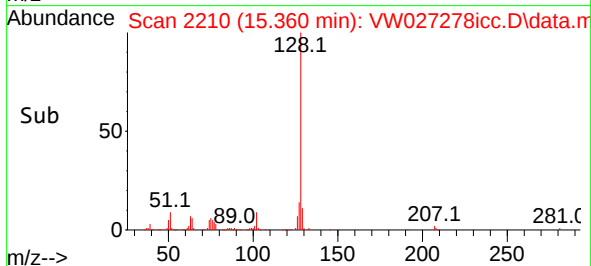
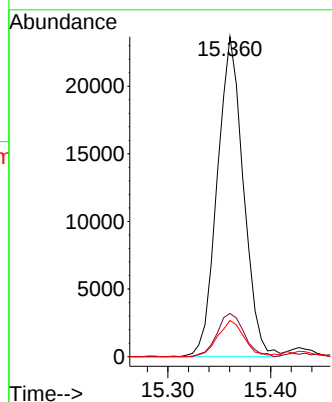
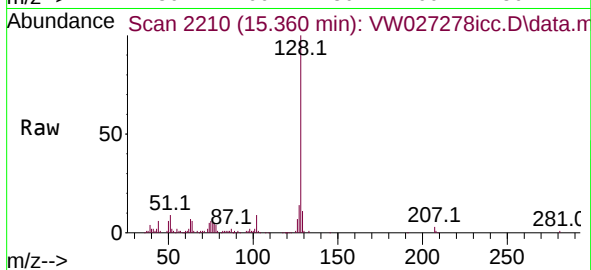
Tgt Ion:128 Resp: 41805

Ion Ratio Lower Upper

128 100

127 14.1 10.0 15.0

129 11.5 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 2.637 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.006 min

Lab File: VW027278icc.D

Acq: 11 Oct 2023 10:28

Tgt Ion:180 Resp: 17901

Ion Ratio Lower Upper

180 100

182 90.1 81.1 121.7

145 35.5 30.6 45.8

