

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027225.D
 Acq On : 04 Oct 2023 18:15
 Operator : SY/MD
 Sample : 04696-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 22:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605142	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	616477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	320287	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	174434	18.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.400%
7) Chloroethane-d5	2.899	69	145184	19.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.280%
11) 1,1-Dichloroethene-d2	4.027	65	56376	14.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.080%
21) 2-Butanone-d5	7.082	46	73044	37.163	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.320%
24) Chloroform-d	7.655	84	275399	15.550	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.200%
26) 1,2-Dichloroethane-d4	8.307	65	143979	16.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.840%#
32) Benzene-d6	8.276	84	555585	14.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.840%
36) 1,2-Dichloropropane-d6	9.276	67	171052	15.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	60.480%#
41) Toluene-d8	10.325	98	488835	14.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.640%
43) trans-1,3-Dichloroprop...	10.575	79	68391	15.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.640%
47) 2-Hexanone-d5	10.922	63	59083	34.146	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151656	17.519	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	178350	16.608	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.440%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.229	50	13126	1.237	ug/L	98
5) Vinyl chloride	2.375	62	16793	1.449	ug/L	84
6) Bromomethane	2.784	94	11206	1.468	ug/L	75
8) Chloroethane	2.930	64	6182	0.879	ug/L	97
14) Carbon disulfide	4.393	76	29931	0.953	ug/L	96
16) Methylene chloride	4.923	84	58030	4.899	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	10708	1.063	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	13055	1.036	ug/L #	71
19) 1,1-Dichloroethane	6.216	63	20091	1.070	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	11328	1.055	ug/L	91
25) Chloroform	7.673	83	21465	1.172	ug/L	98
27) 1,2-Dichloroethane	8.404	62	13165	1.173	ug/L	96
29) Cyclohexane	7.959	56	13410	0.818	ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	15772	1.029	ug/L	94
31) Carbon tetrachloride	8.075	117	15375	1.062	ug/L	99
33) Benzene	8.325	78	44280	1.016	ug/L	100
34) Trichloroethene	9.093	95	11924	1.048	ug/L	90
35) Methylcyclohexane	9.331	83	16859	0.881	ug/L	94
37) 1,2-Dichloropropane	9.368	63	11813	1.052	ug/L #	90

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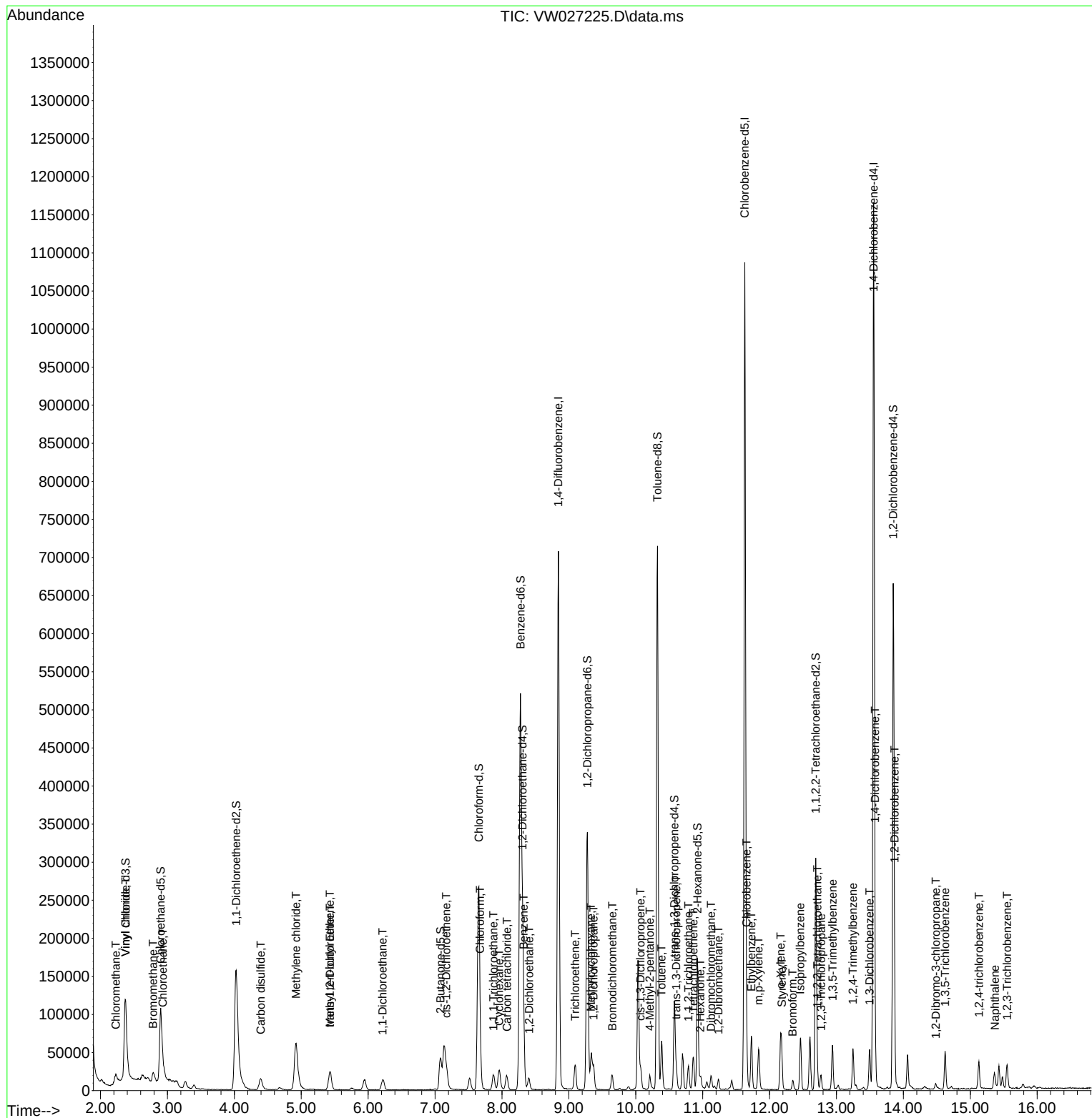
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Bromodichloromethane	9.648	83	14222	1.055	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	16881	1.020	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	12270	2.253	ug/L #	88
42) Toluene	10.386	91	46511	1.039	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	16593	1.224	ug/L	91
45) 1,1,2-Trichloroethane	10.788	97	10014	1.233	ug/L	98
46) Tetrachloroethene	10.861	164	9534	1.066	ug/L	96
48) 2-Hexanone	10.965	43	7757	1.817	ug/L #	80
49) Dibromochloromethane	11.123	129	9861	1.119	ug/L	85
50) 1,2-Dibromoethane	11.233	107	8986	1.192	ug/L #	100
51) Chlorobenzene	11.654	112	31019	1.045	ug/L	90
52) Ethylbenzene	11.727	91	46883	0.933	ug/L	99
53) m,p-Xylene	11.837	106	16818	0.873	ug/L	92
54) o-Xylene	12.166	106	15077	0.837	ug/L	92
55) Styrene	12.184	104	25339	0.818	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.715	83	12655	1.299	ug/L #	98
59) Bromoform	12.343	173	5620	1.111	ug/L #	38
60) Isopropylbenzene	12.459	105	39244	0.832	ug/L #	95
61) 1,2,3-Trichloropropane	12.770	75	8168	1.246	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	29009	0.785	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	28362	0.783	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	22069	1.014	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	24317	1.112	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	22103	1.158	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.483	75	2017	1.436	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	16025	1.143	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	12167	1.100	ug/L	94
71) Naphthalene	15.367	128	18238	0.935	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.550	180	10536	1.073	ug/L	96

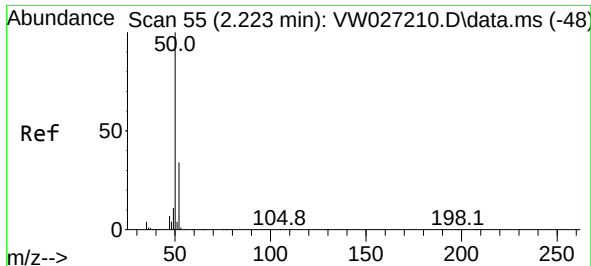
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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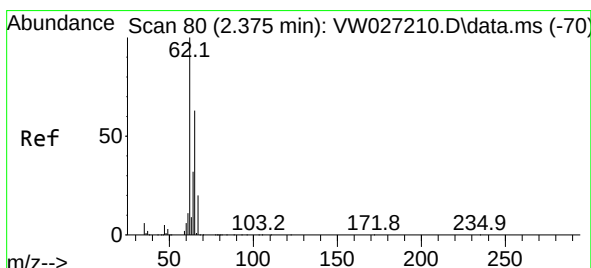
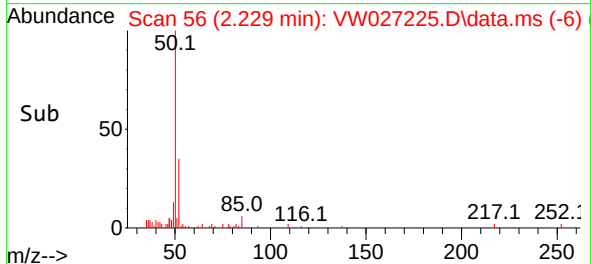
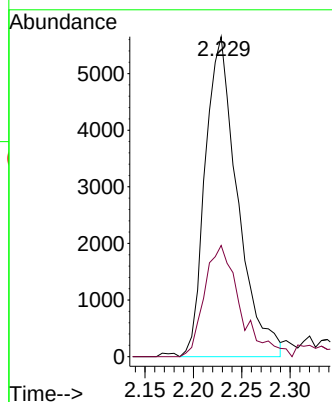
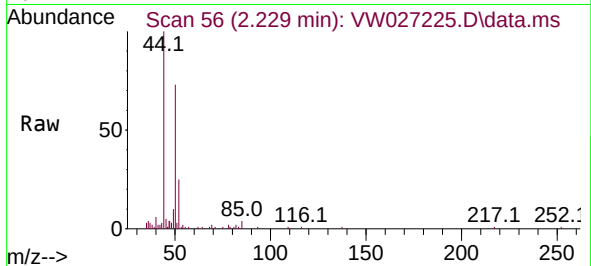




#3
Chloromethane
Concen: 1.237 ug/L
RT: 2.229 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

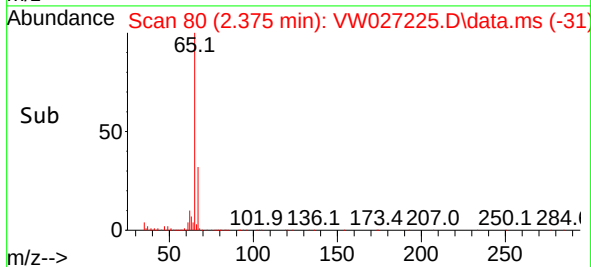
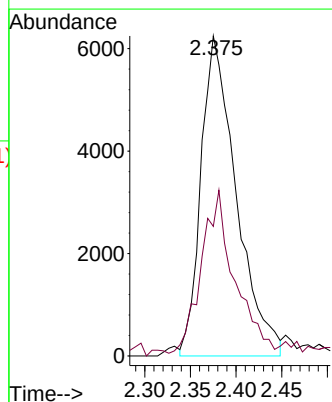
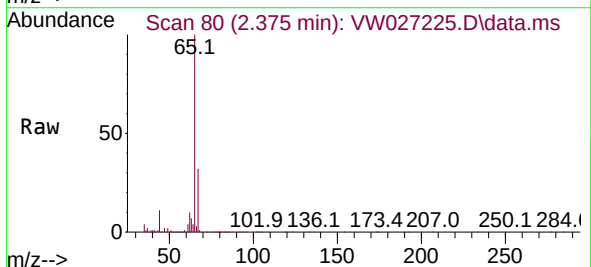
Instrument :
MSVOA_W
ClientSampleId :

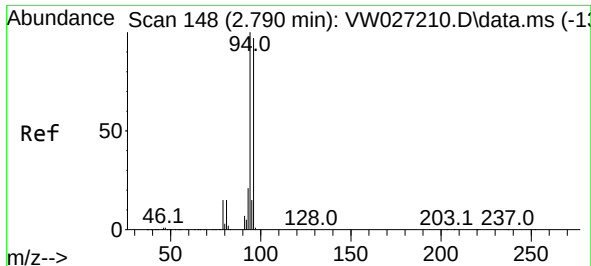
Tgt Ion: 50 Resp: 13126
Ion Ratio Lower Upper
50 100
52 34.7 23.5 43.7



#5
Vinyl chloride
Concen: 1.449 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Tgt Ion: 62 Resp: 16793
Ion Ratio Lower Upper
62 100
64 40.5 22.2 41.2

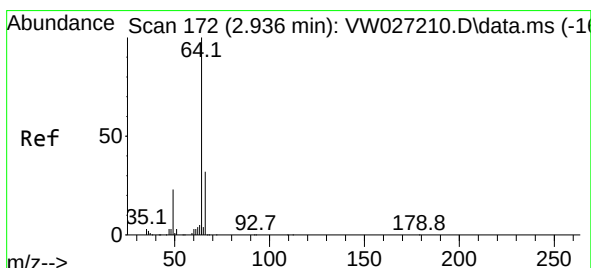
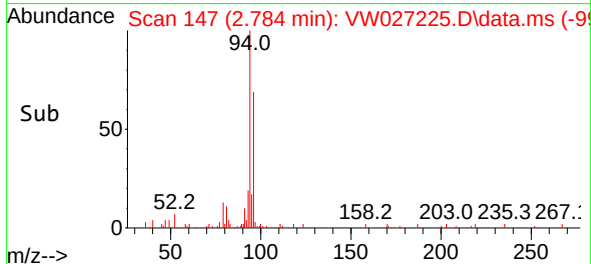
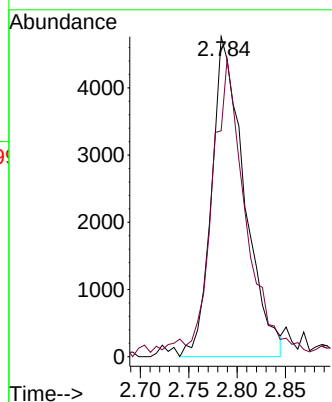
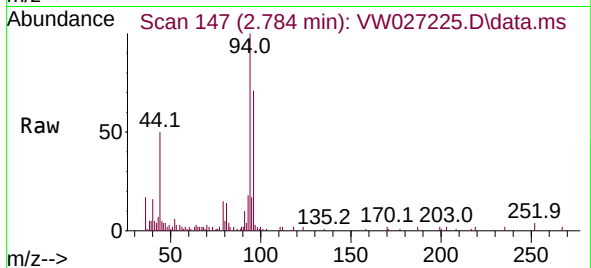




#6
Bromomethane
Concen: 1.468 ug/L
RT: 2.784 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

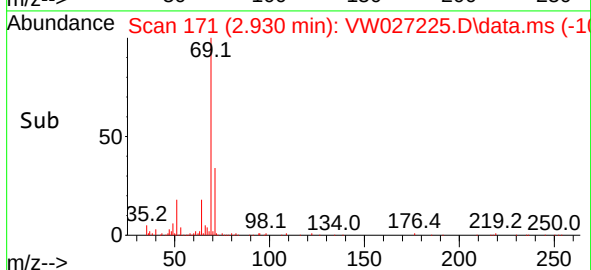
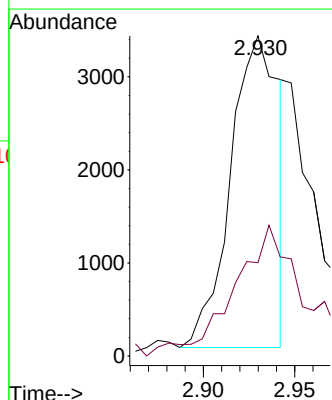
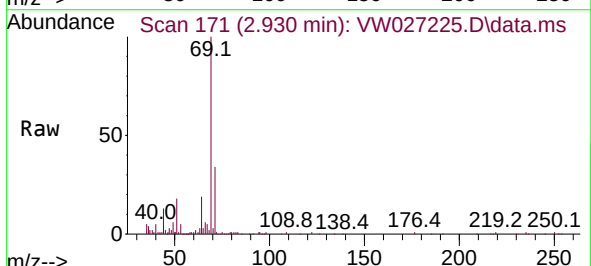
Instrument :
MSVOA_W
ClientSampleId :

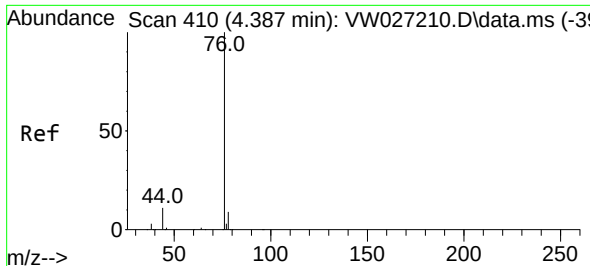
Tgt Ion: 94 Resp: 11206
Ion Ratio Lower Upper
94 100
96 70.6 66.8 124.0



#8
Chloroethane
Concen: 0.879 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Tgt Ion: 64 Resp: 6182
Ion Ratio Lower Upper
64 100
66 29.2 21.5 39.9

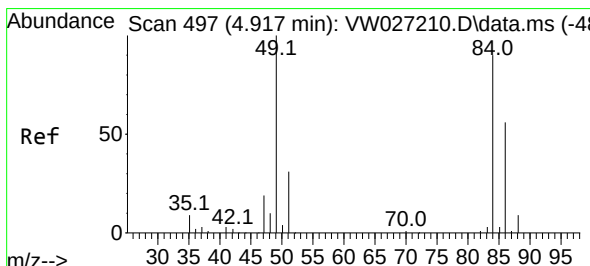
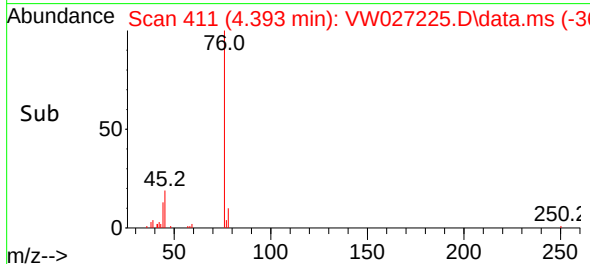
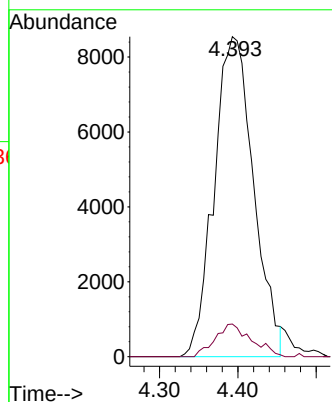
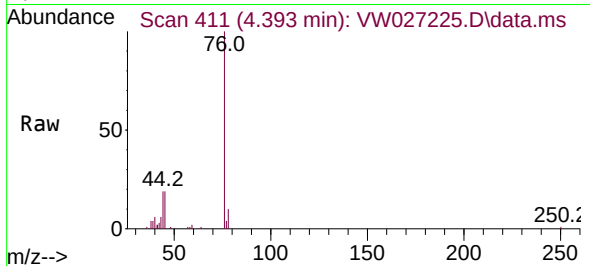




#14
Carbon disulfide
Concen: 0.953 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

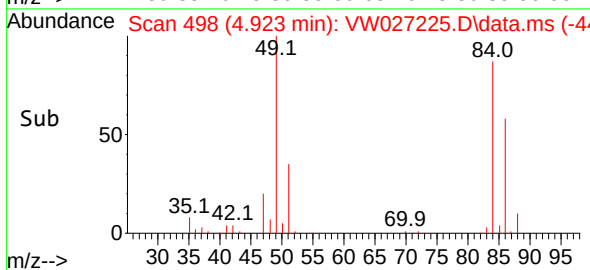
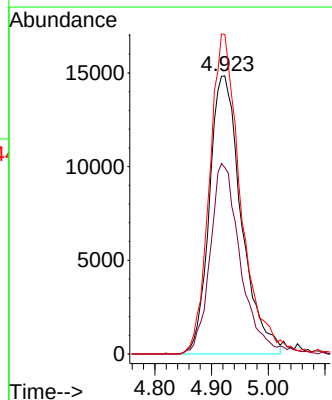
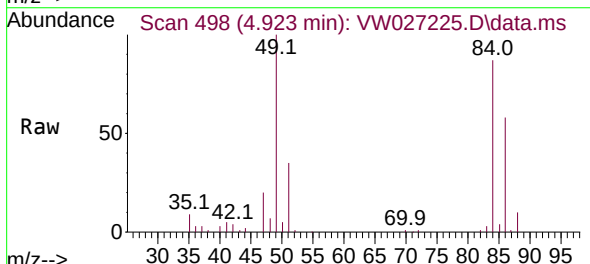
Instrument :
MSVOA_W
ClientSampleId :

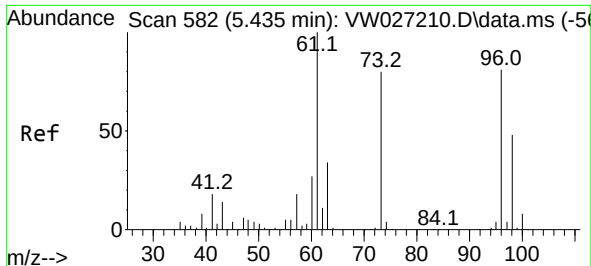
Tgt Ion: 76 Resp: 29931
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



#16
Methylene chloride
Concen: 4.899 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Tgt Ion: 84 Resp: 58030
Ion Ratio Lower Upper
84 100
86 67.0 45.1 83.9
49 114.9 80.9 150.3





#17

trans-1,2-Dichloroethene

Concen: 1.063 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

ClientSampleId :

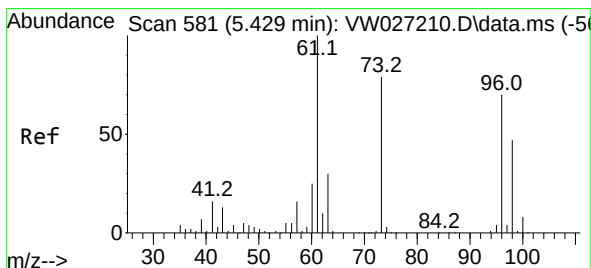
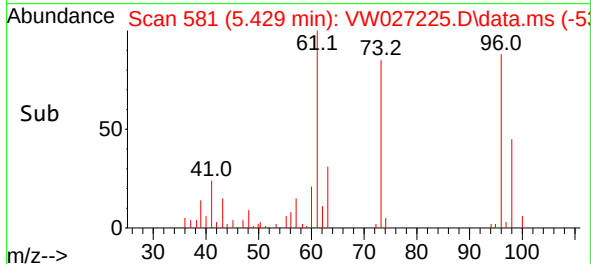
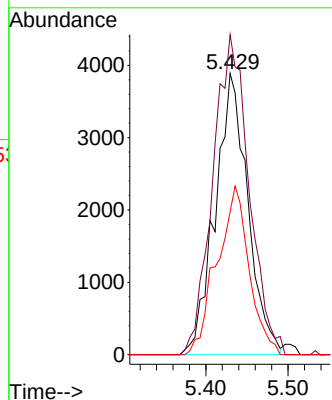
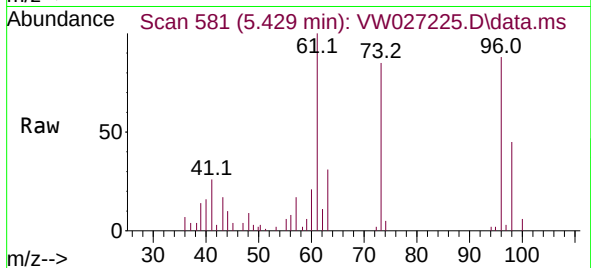
Tgt Ion: 96 Resp: 10708

Ion Ratio Lower Upper

96 100

61 113.8 93.5 173.7

98 50.8 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 1.036 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

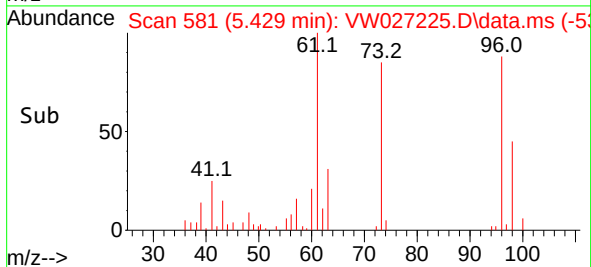
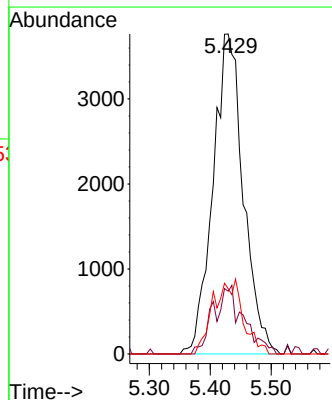
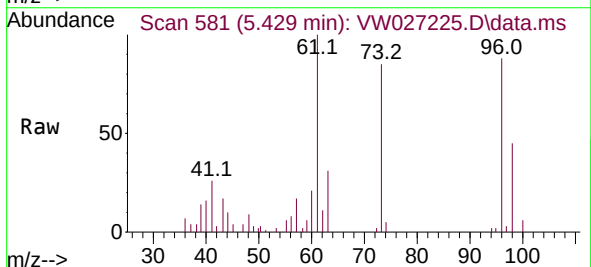
Tgt Ion: 73 Resp: 13055

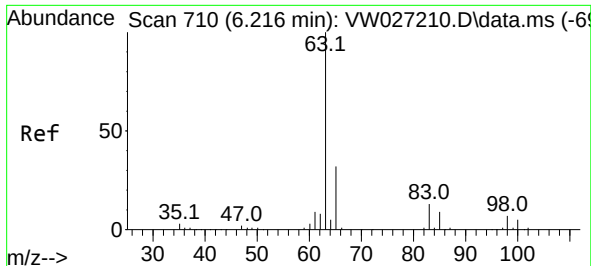
Ion Ratio Lower Upper

73 100

43 8.1 14.2 21.2#

57 6.6 18.3 27.5#





#19

1,1-Dichloroethane

Concen: 1.070 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

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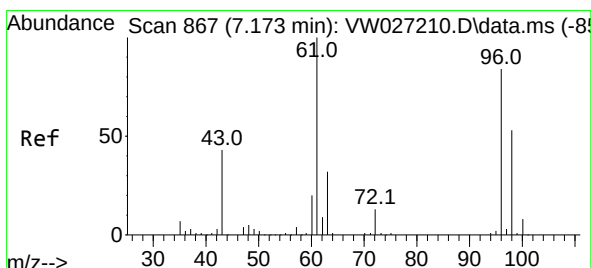
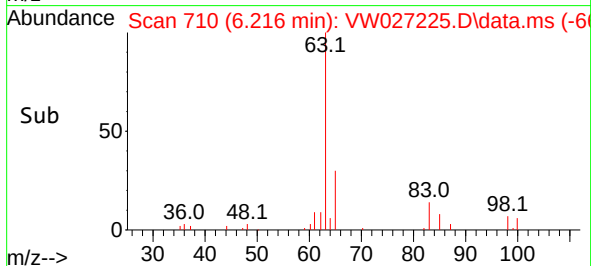
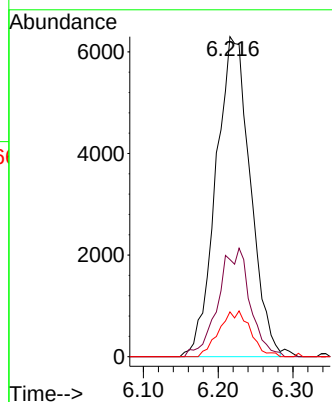
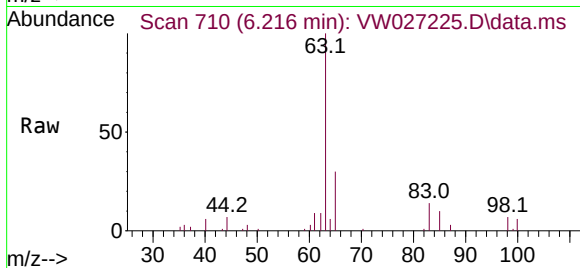
Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	20091
Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.5	41.9
83	14.0	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 1.055 ug/L

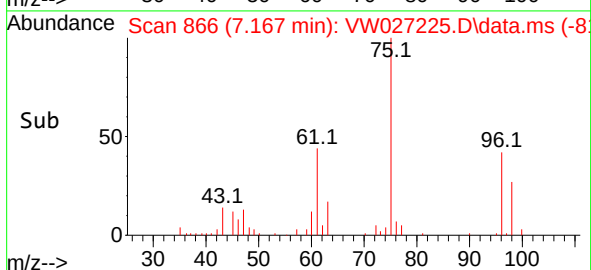
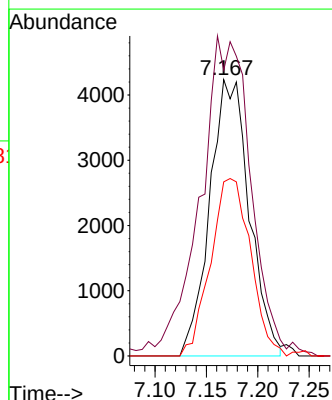
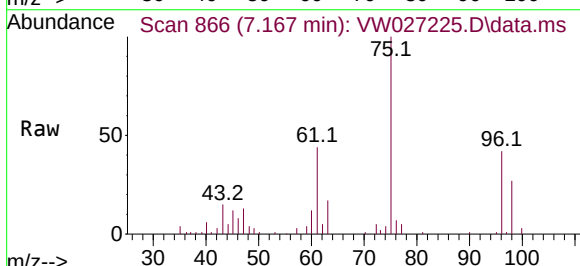
RT: 7.167 min Scan# 866

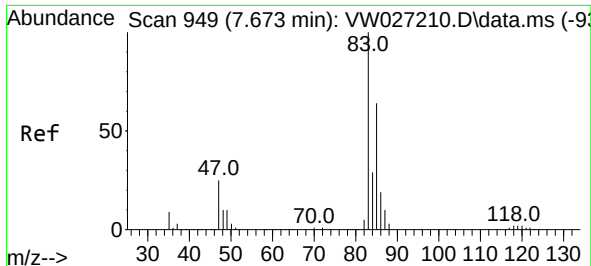
Delta R.T. -0.006 min

Lab File: VW027225.D

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Tgt Ion:	96	Resp:	11328
Ion	Ratio	Lower	Upper
96	100		
61	103.4	82.7	153.5
98	63.0	43.0	80.0

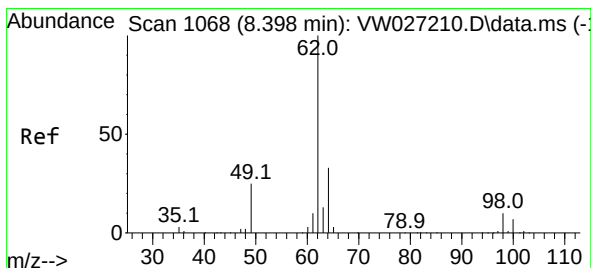
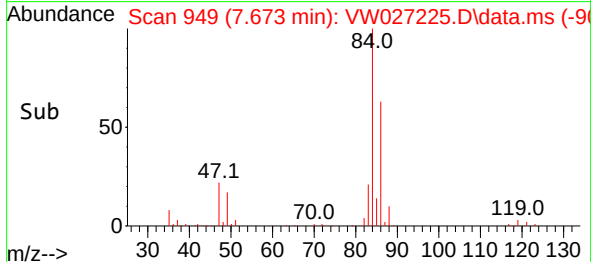
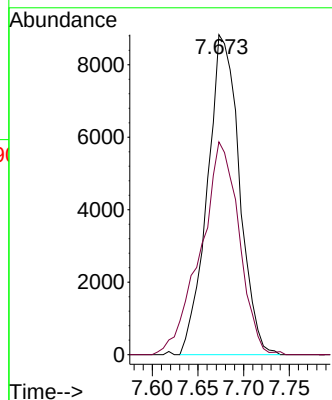
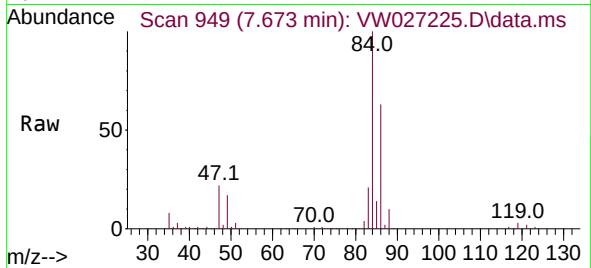




#25
Chloroform
Concen: 1.172 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

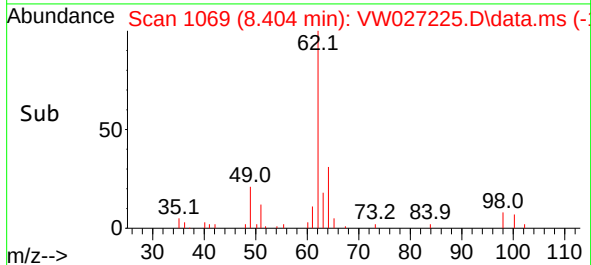
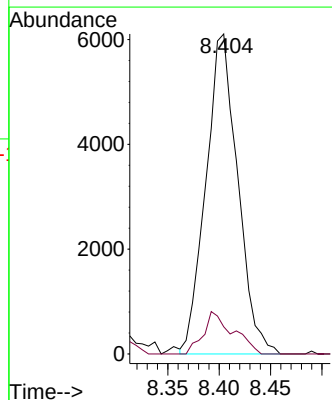
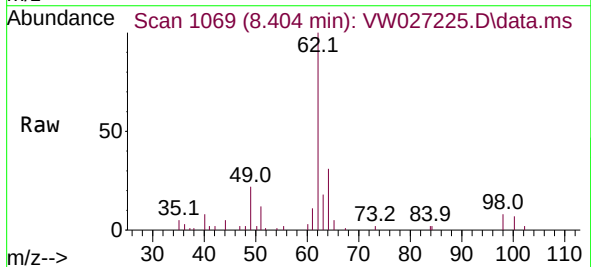
Instrument :
MSVOA_W
ClientSampleId :

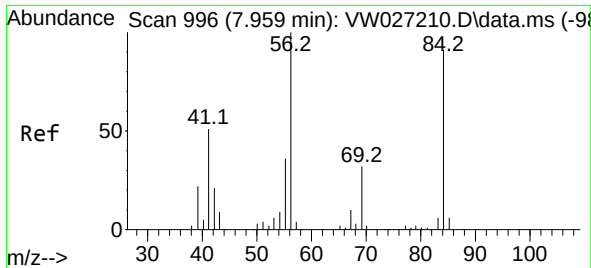
Tgt Ion: 83 Resp: 21465
Ion Ratio Lower Upper
83 100
85 66.5 47.7 88.5



#27
1,2-Dichloroethane
Concen: 1.173 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Tgt Ion: 62 Resp: 13165
Ion Ratio Lower Upper
62 100
98 8.5 7.9 11.9

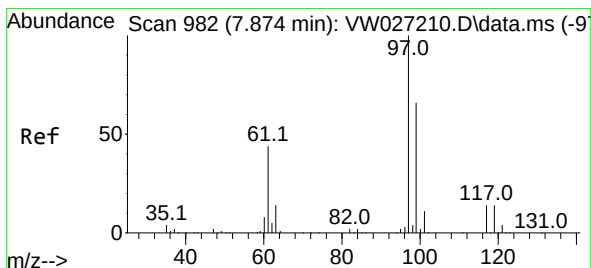
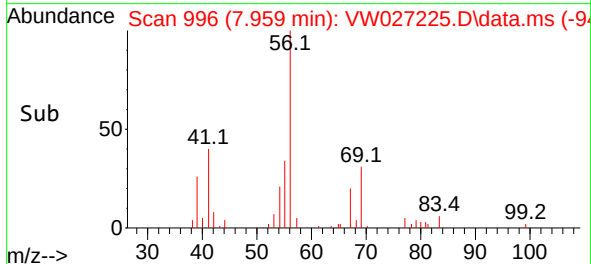
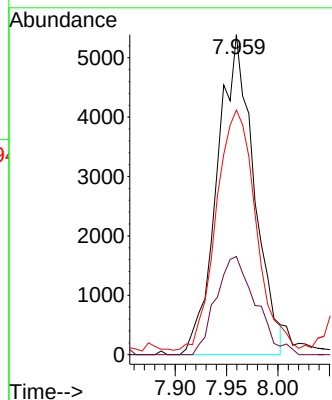
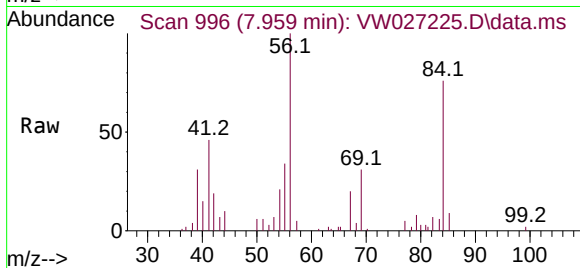




#29
Cyclohexane
Concen: 0.818 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

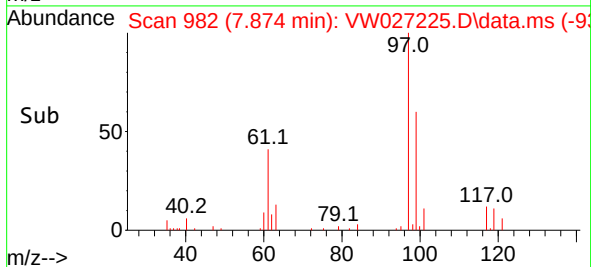
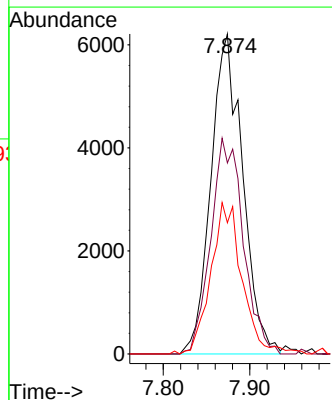
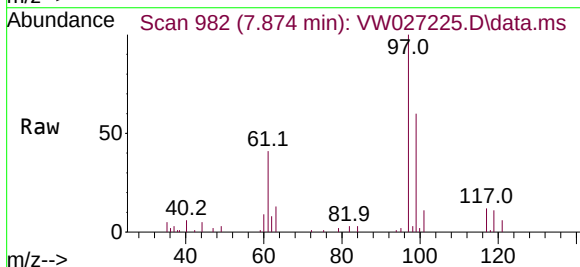
Instrument :
MSVOA_W
ClientSampleId :

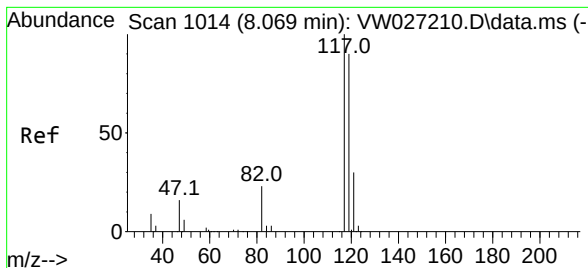
Tgt Ion:	56	Resp:	13410
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.0	37.4
84	80.9	69.9	104.9



#30
1,1,1-Trichloroethane
Concen: 1.029 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Tgt Ion:	97	Resp:	15772
Ion	Ratio	Lower	Upper
97	100		
99	69.2	50.8	76.2
61	45.3	34.6	52.0





#31

Carbon tetrachloride

Concen: 1.062 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

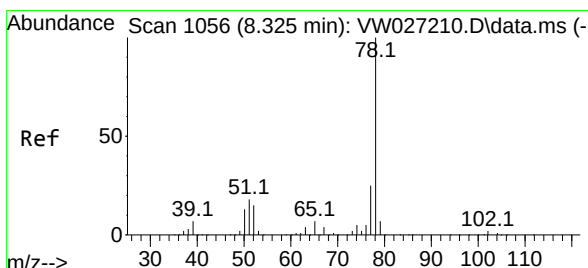
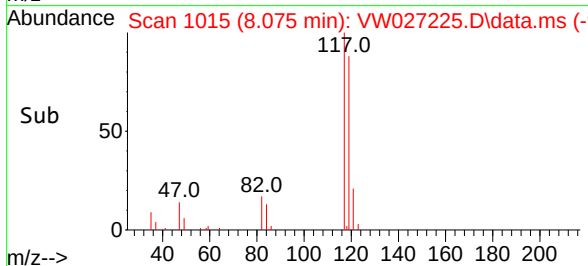
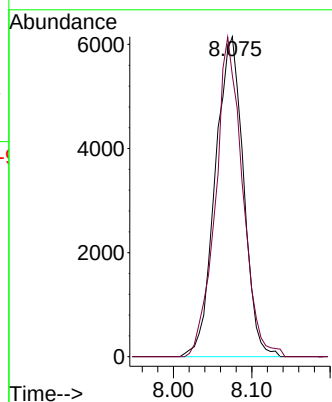
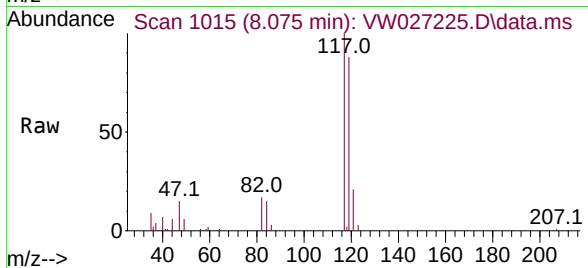
ClientSampleId :

Tgt Ion:117 Resp: 15375

Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6



#33

Benzene

Concen: 1.016 ug/L

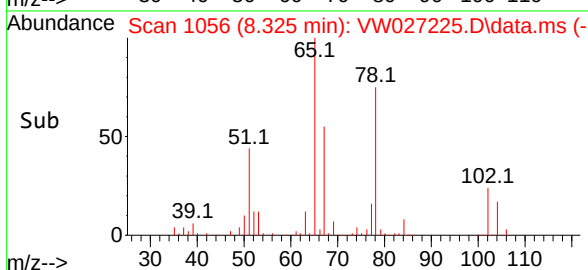
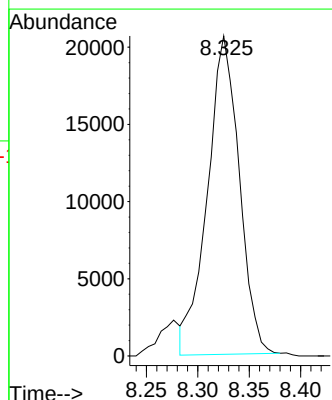
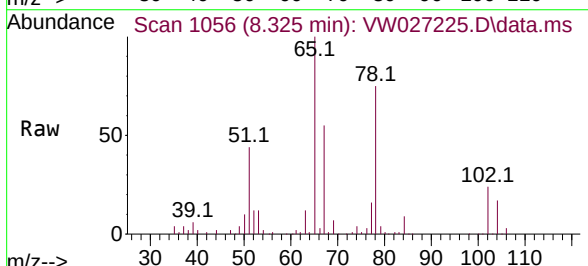
RT: 8.325 min Scan# 1056

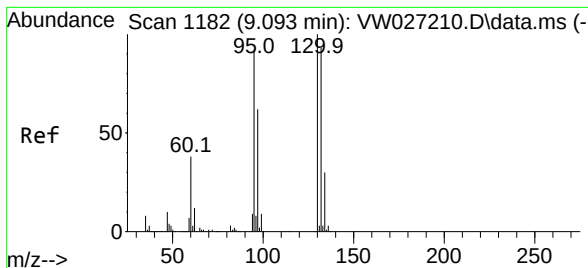
Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Tgt Ion: 78 Resp: 44280





#34

Trichloroethene

Concen: 1.048 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

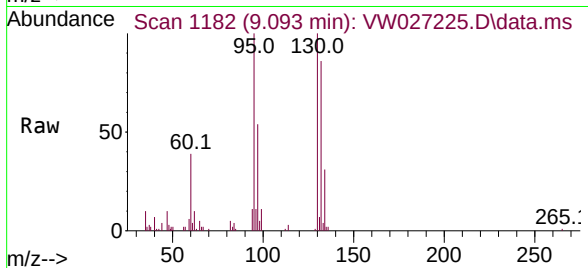
Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 11924

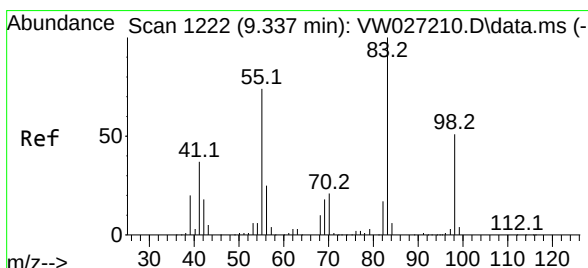
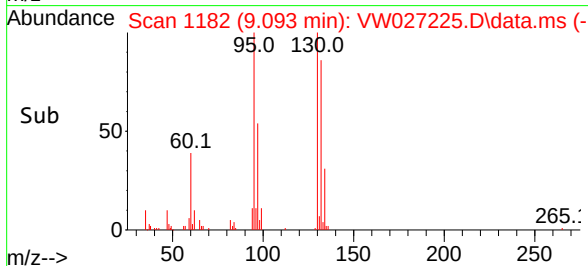
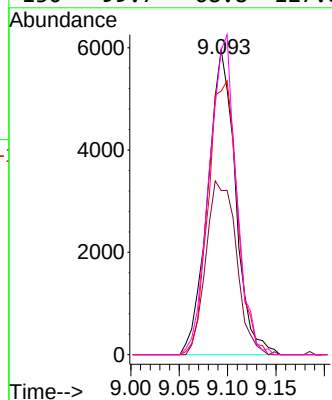
Ion Ratio Lower Upper

95 100

97 53.8 46.1 85.7

132 86.4 71.5 132.9

130 99.7 68.8 127.8



#35

Methylcyclohexane

Concen: 0.881 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

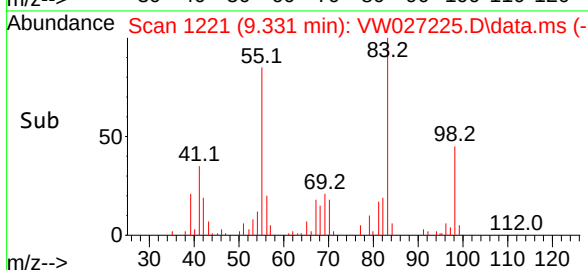
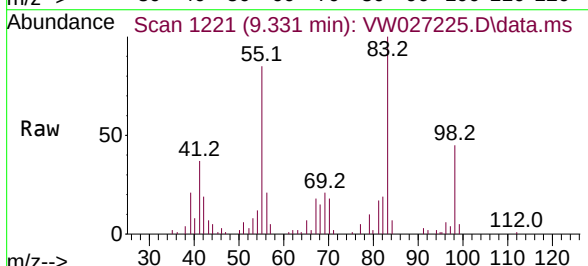
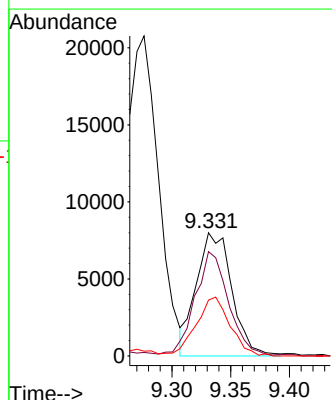
Tgt Ion: 83 Resp: 16859

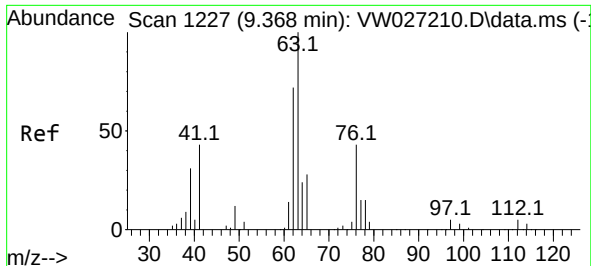
Ion Ratio Lower Upper

83 100

55 80.1 59.1 88.7

98 45.9 38.6 58.0





#37

1,2-Dichloropropane

Concen: 1.052 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

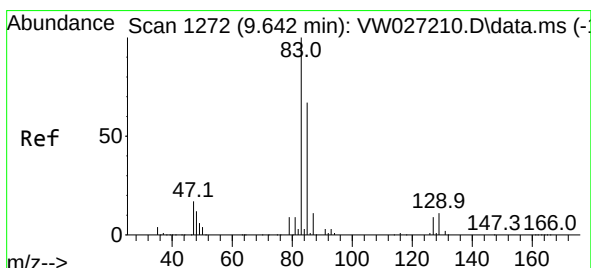
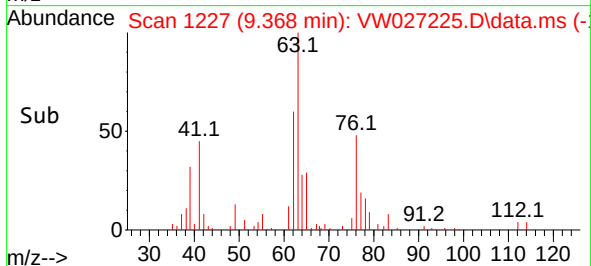
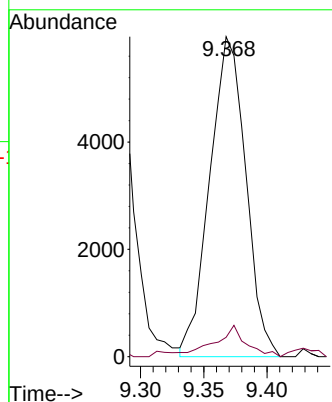
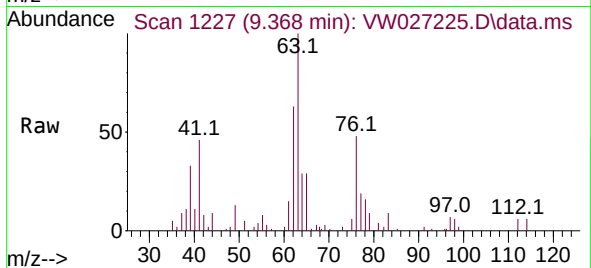
ClientSampleId :

Tgt Ion: 63 Resp: 11813

Ion Ratio Lower Upper

63 100

112 8.1 3.7 5.5#



#38

Bromodichloromethane

Concen: 1.055 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

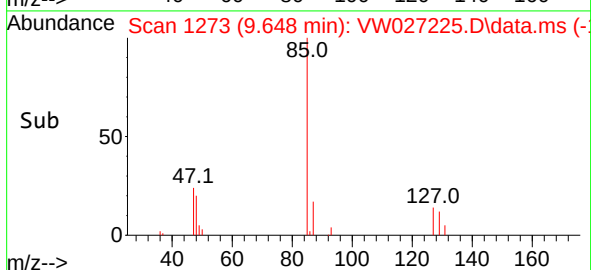
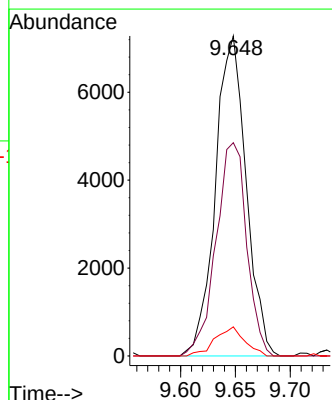
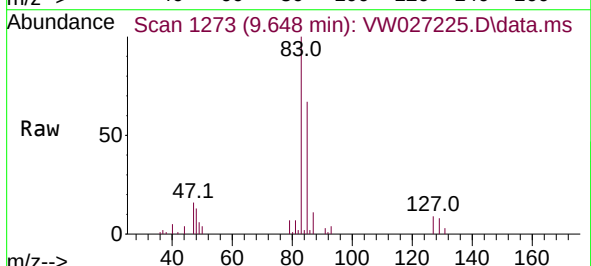
Tgt Ion: 83 Resp: 14222

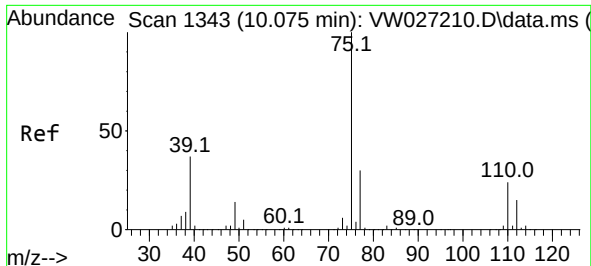
Ion Ratio Lower Upper

83 100

85 66.6 44.7 82.9

127 9.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 1.020 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

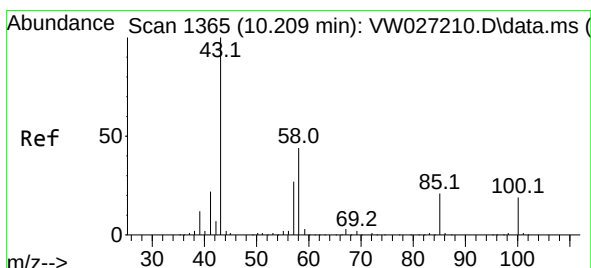
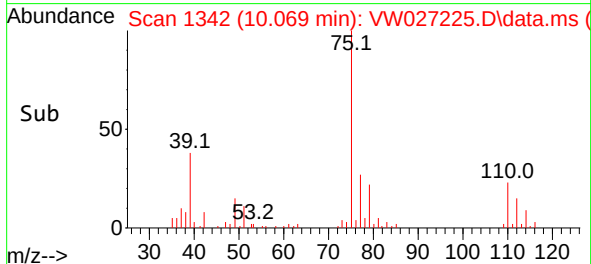
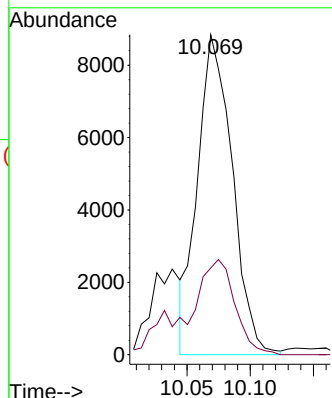
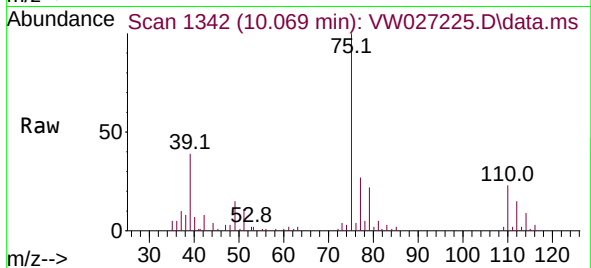
ClientSampleId :

Tgt Ion: 75 Resp: 16881

Ion Ratio Lower Upper

75 100

77 27.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 2.253 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

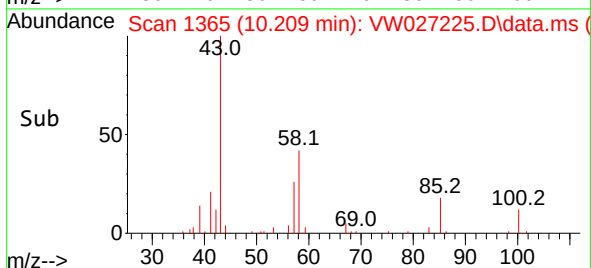
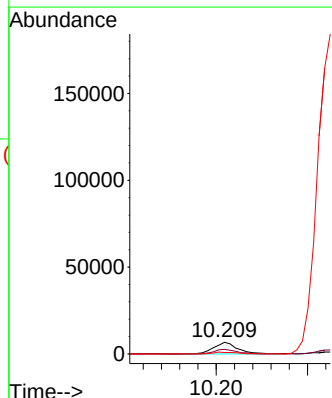
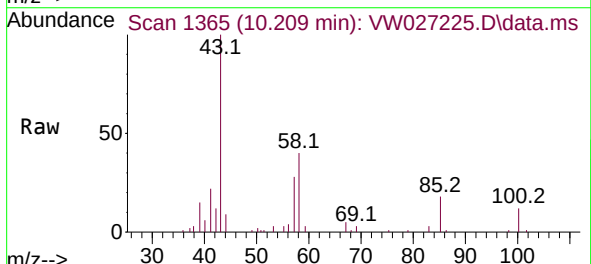
Tgt Ion: 43 Resp: 12270

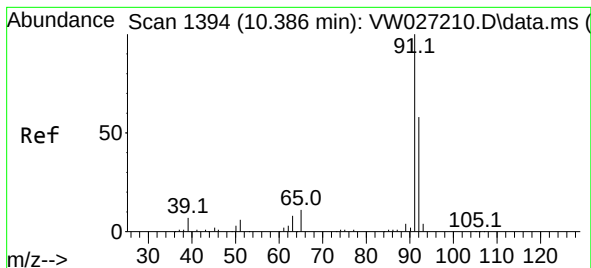
Ion Ratio Lower Upper

43 100

58 37.3 33.8 50.6

100 7.9 13.7 20.5#





#42

Toluene

Concen: 1.039 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

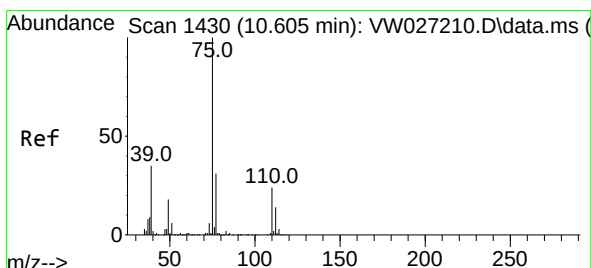
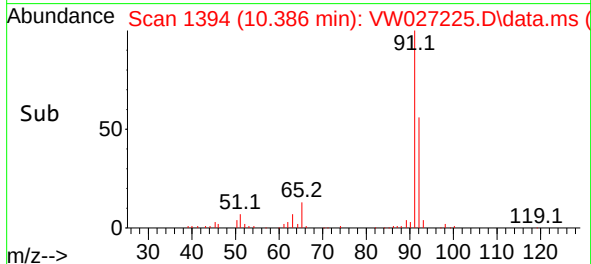
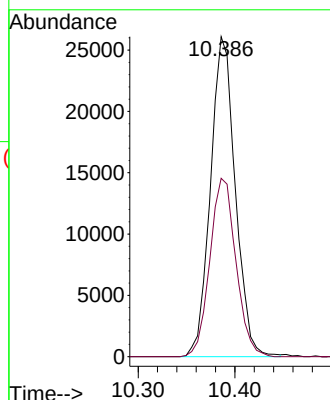
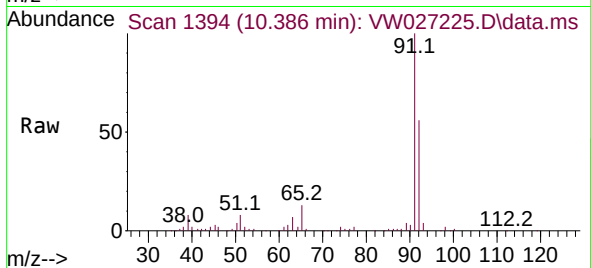
ClientSampleId :

Tgt Ion: 91 Resp: 46511

Ion Ratio Lower Upper

91 100

92 55.7 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 1.224 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027225.D

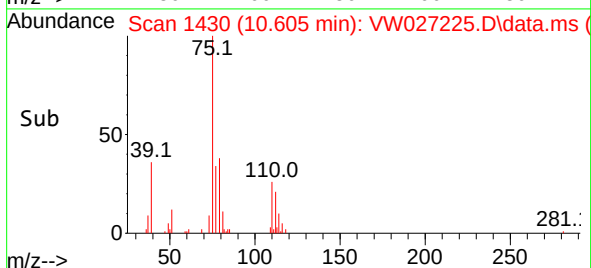
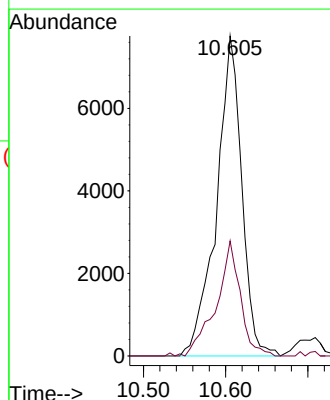
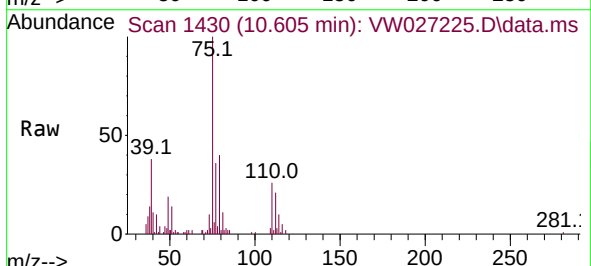
Acq: 04 Oct 2023 18:15

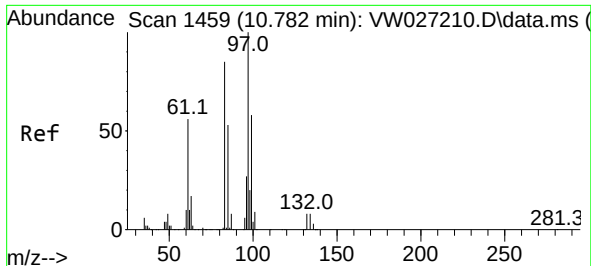
Tgt Ion: 75 Resp: 16593

Ion Ratio Lower Upper

75 100

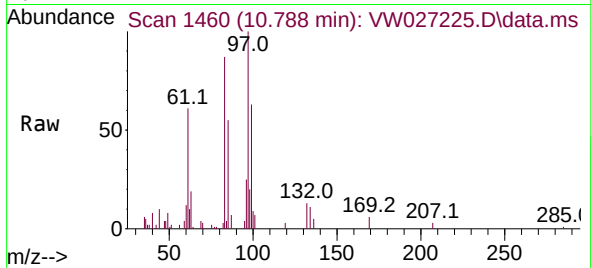
77 35.9 21.6 40.2



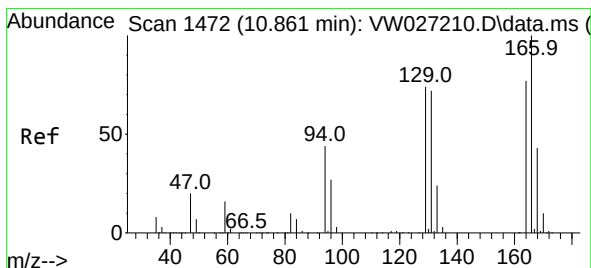
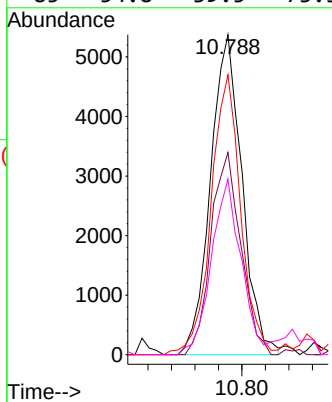
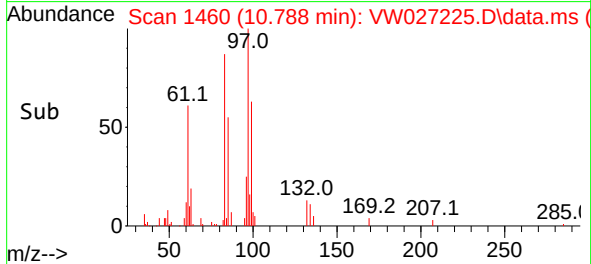


#45
1,1,2-Trichloroethane
Concen: 1.233 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

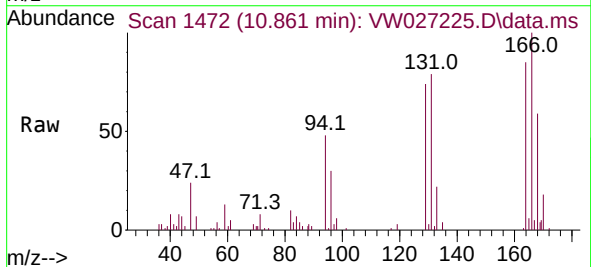
Instrument :
MSVOA_W
ClientSampleId :



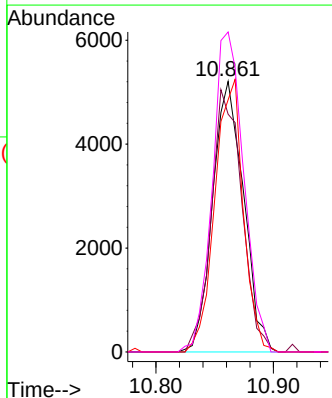
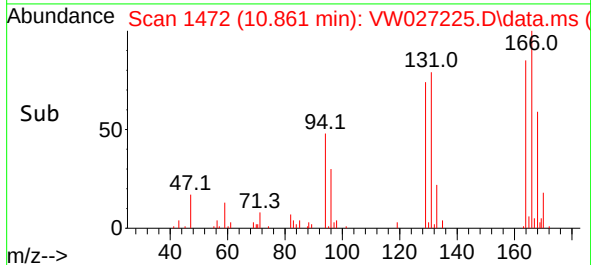
Tgt Ion: 97	Resp: 10014
Ion Ratio	Lower Upper
97 100	
99 63.2	45.3 84.1
83 87.5	59.5 110.5
85 54.8	39.5 73.3

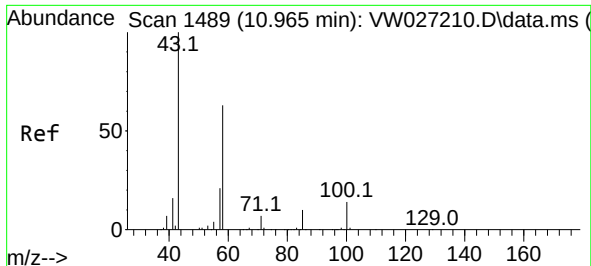


#46
Tetrachloroethene
Concen: 1.066 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15



Tgt	Ion:164	Resp:	9534
Ion	Ratio	Lower	Upper
164	100		
129	87.9	60.3	112.1
131	93.2	66.1	122.7
166	118.3	89.4	166.0

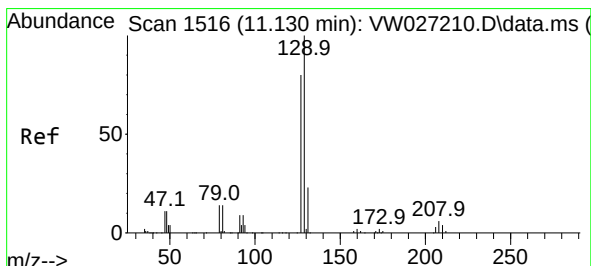
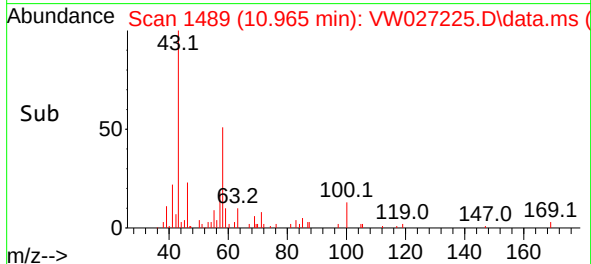
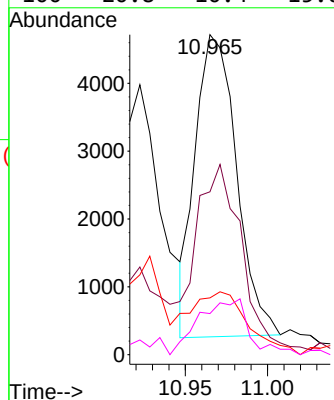
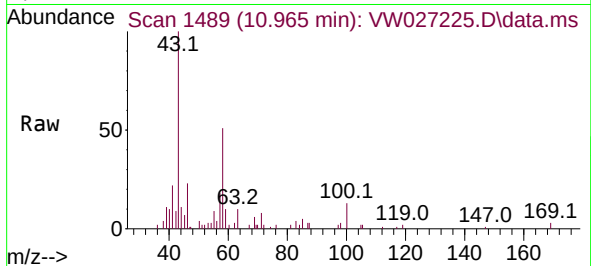




#48
2-Hexanone
Concen: 1.817 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

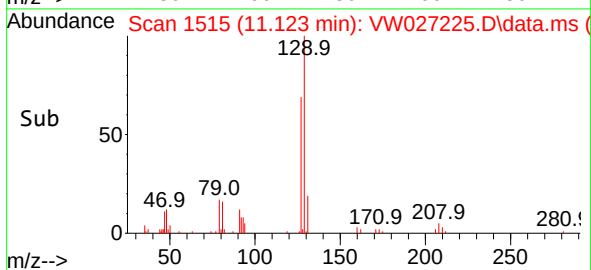
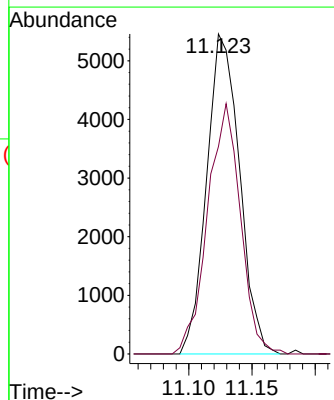
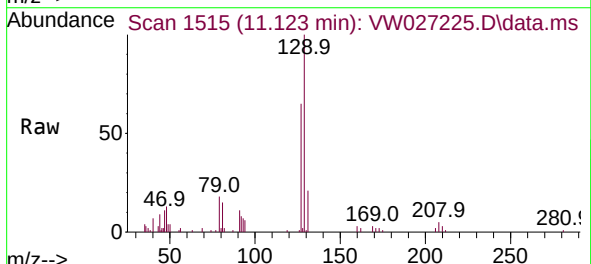
Instrument :
MSVOA_W
ClientSampleId :

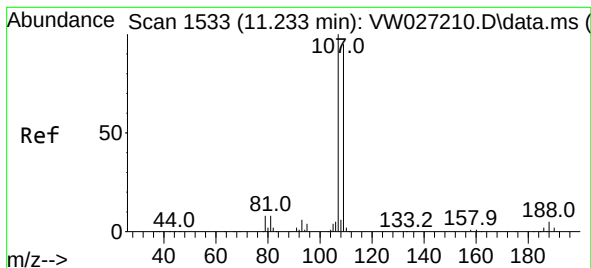
Tgt Ion: 43	Resp: 7757
Ion Ratio	Lower Upper
43 100	
58 73.2	47.2 70.8#
57 30.3	15.9 23.9#
100 20.8	10.4 15.6#



#49
Dibromochloromethane
Concen: 1.119 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

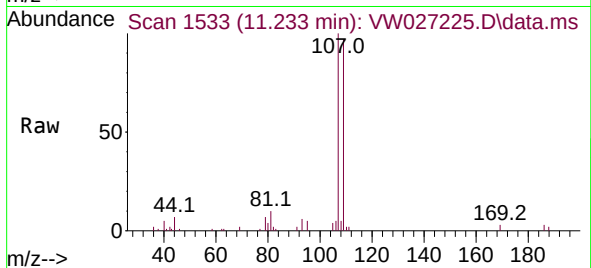
Tgt Ion:129	Resp:	9861	
Ion	Ratio	Lower	Upper
129	100		
127	64.8	54.2	100.6



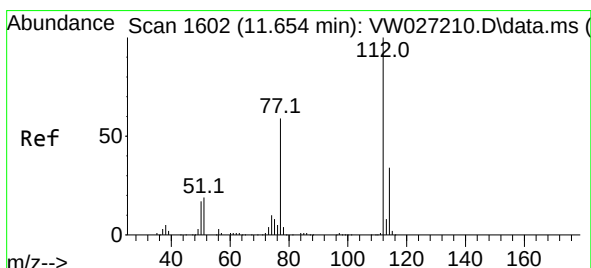
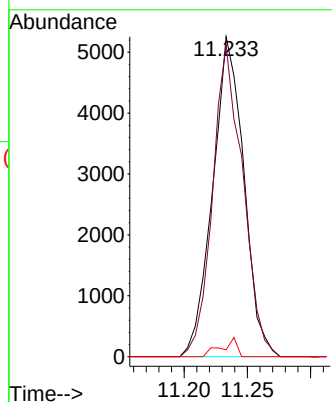
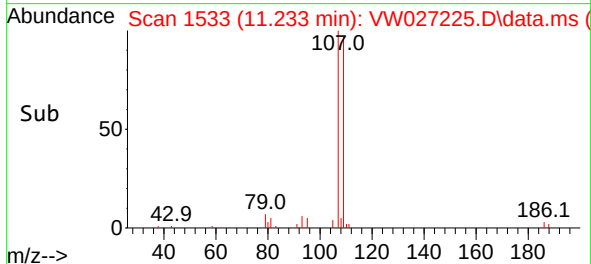


#50
1,2-Dibromoethane
Concen: 1.192 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

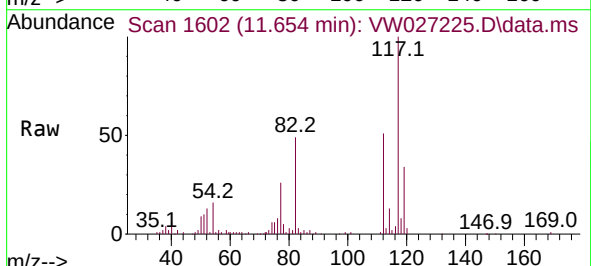
Instrument :
MSVOA_W
ClientSampleId :



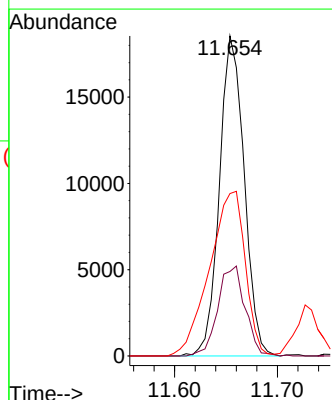
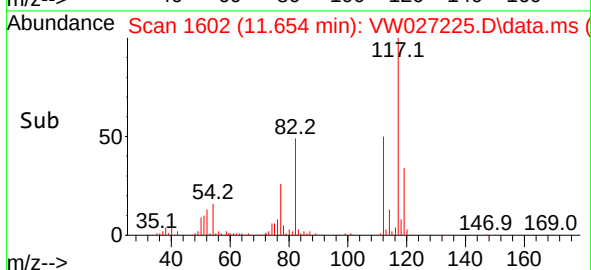
Tgt Ion:107 Resp: 8986
Ion Ratio Lower Upper
107 100
109 97.4 68.2 126.6
188 2.2 2.6 4.0#

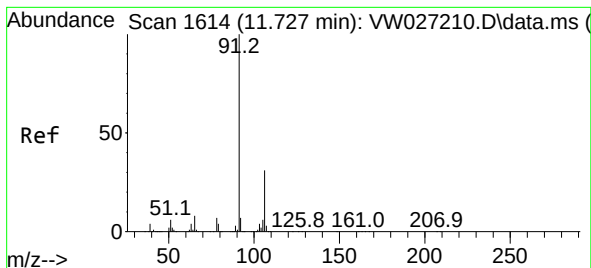


#51
Chlorobenzene
Concen: 1.045 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15



Tgt Ion:112 Resp: 31019
Ion Ratio Lower Upper
112 100
114 26.4 21.9 40.7
77 50.7 47.4 71.0

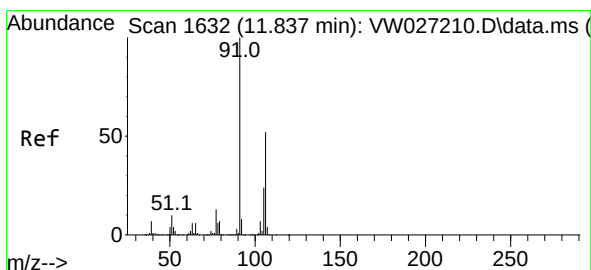
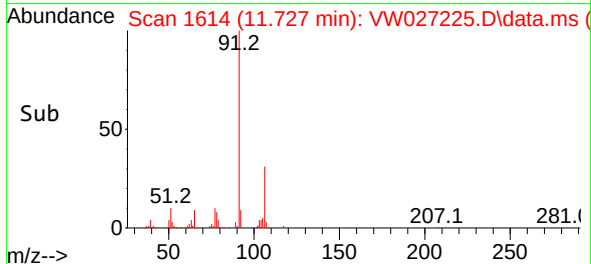
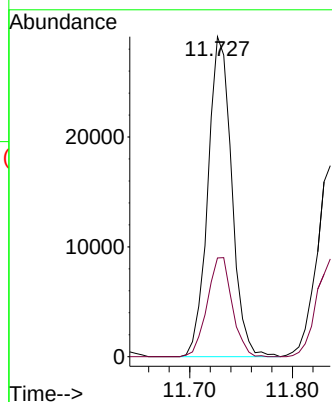
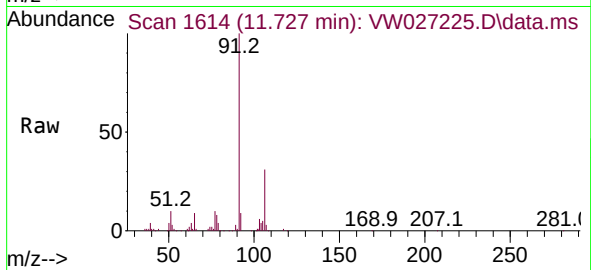




#52
Ethylbenzene
Concen: 0.933 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

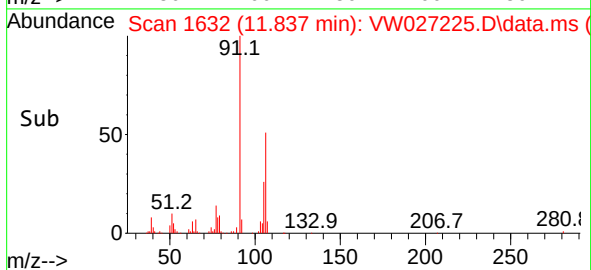
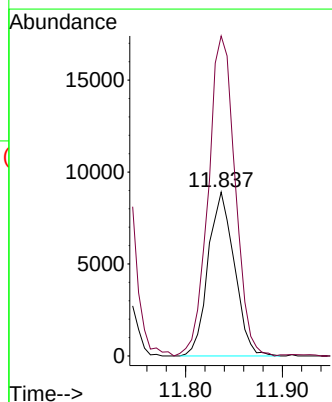
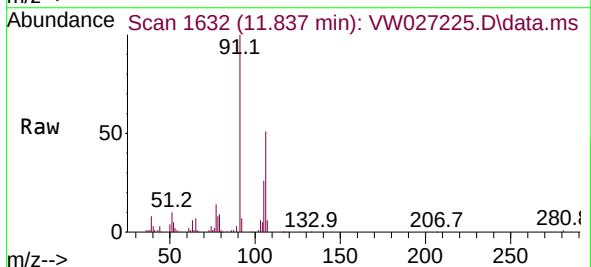
Instrument :
MSVOA_W
ClientSampleId :

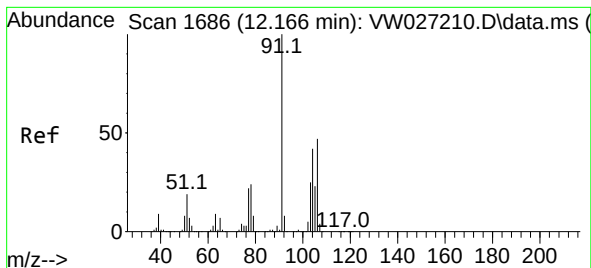
Tgt Ion: 91 Resp: 46883
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6



#53
m,p-Xylene
Concen: 0.873 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Tgt Ion: 106 Resp: 16818
Ion Ratio Lower Upper
106 100
91 195.4 145.9 270.9





#54

o-Xylene

Concen: 0.837 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

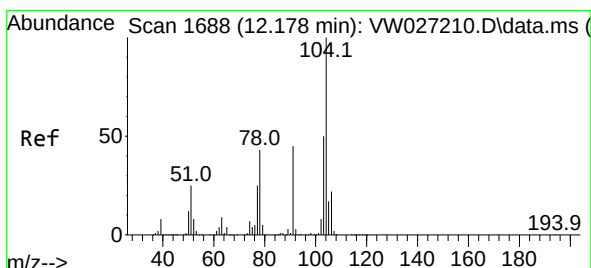
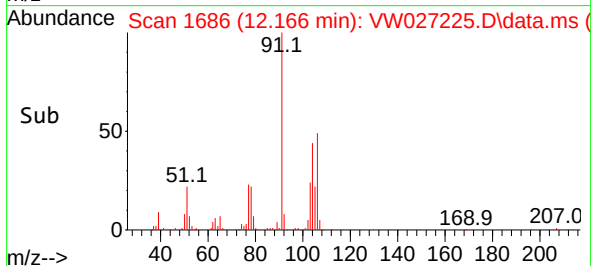
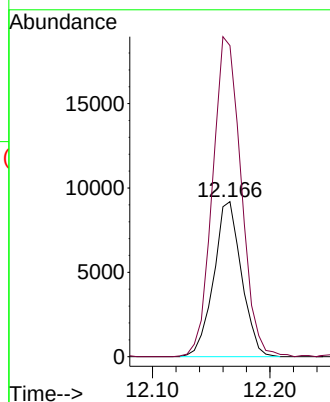
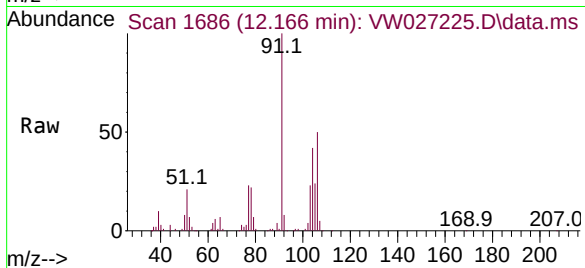
ClientSampleId :

Tgt Ion:106 Resp: 15077

Ion Ratio Lower Upper

106 100

91 200.7 149.5 277.7



#55

Styrene

Concen: 0.818 ug/L

RT: 12.184 min Scan# 1689

Delta R.T. 0.006 min

Lab File: VW027225.D

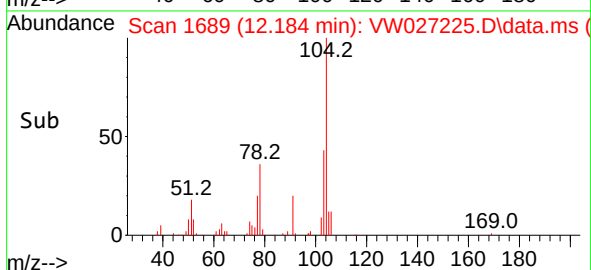
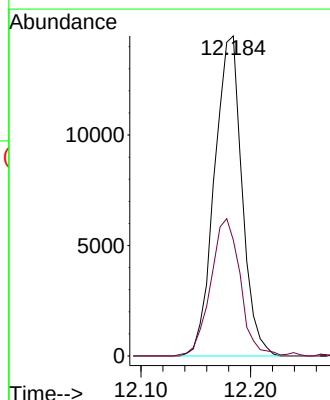
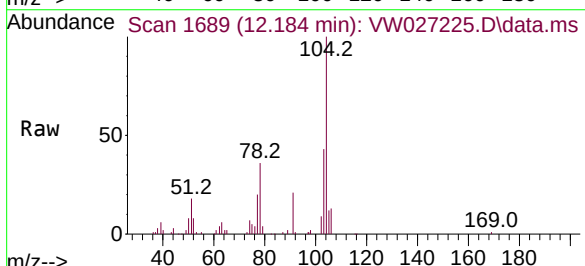
Acq: 04 Oct 2023 18:15

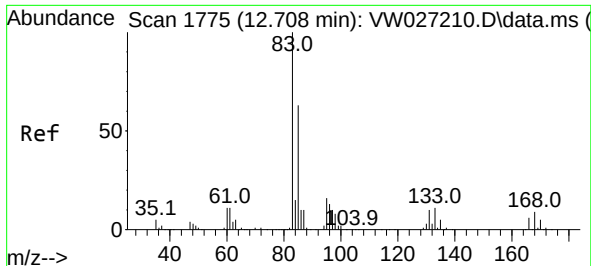
Tgt Ion:104 Resp: 25339

Ion Ratio Lower Upper

104 100

78 36.2 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 1.299 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027225.D

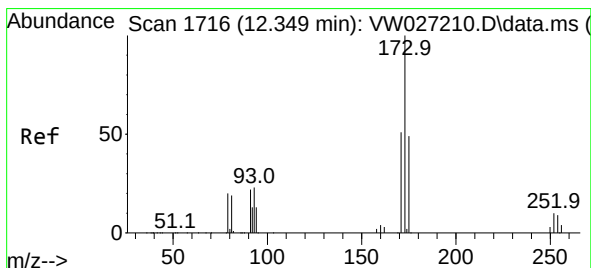
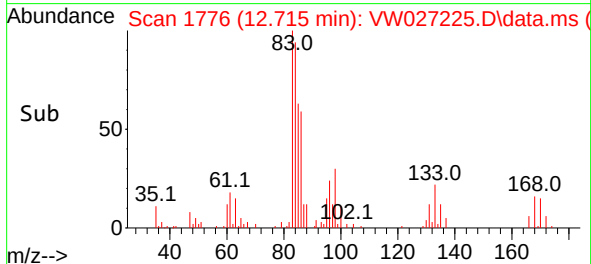
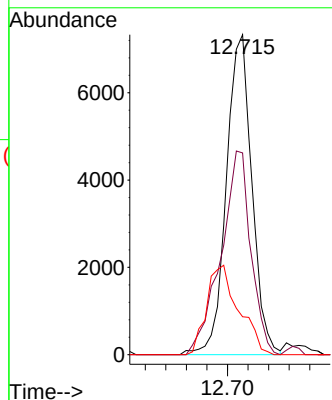
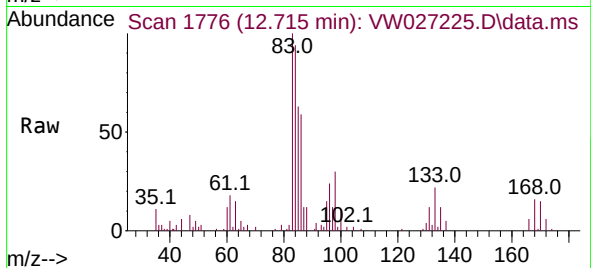
Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 12655
Ion Ratio	Lower Upper
83 100	
85 63.0	43.5 80.7
131 11.8	7.6 11.4#



#59

Bromoform

Concen: 1.111 ug/L

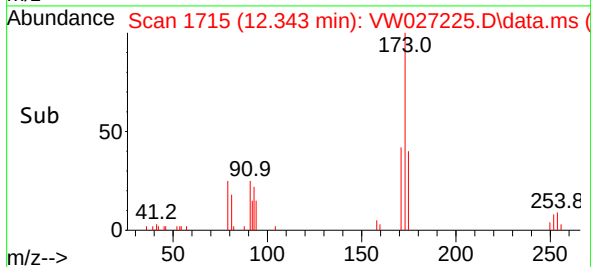
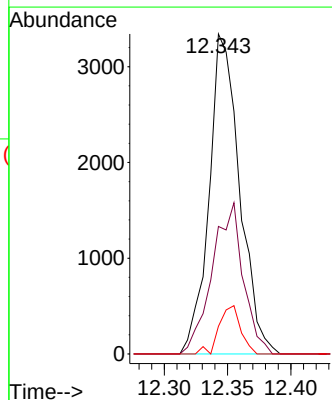
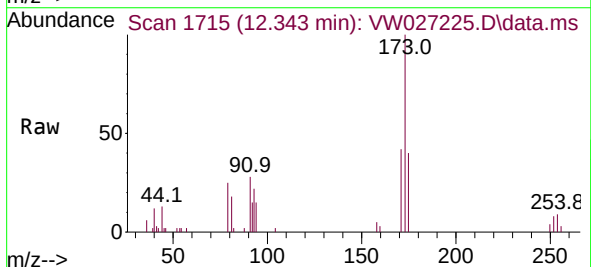
RT: 12.343 min Scan# 1715

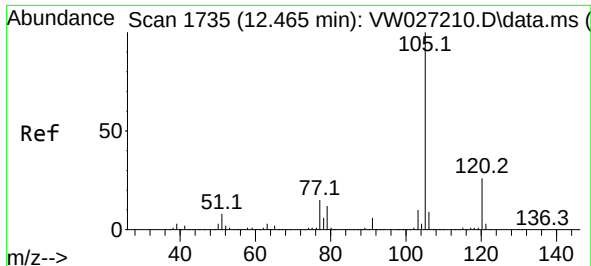
Delta R.T. -0.006 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

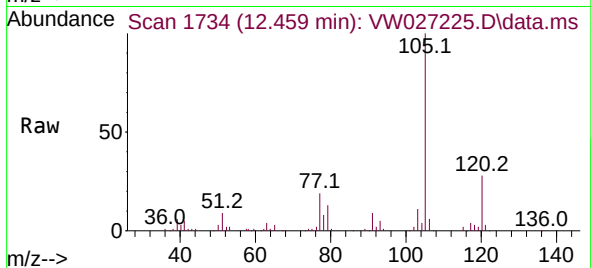
Tgt Ion: 173	Resp: 5620
Ion Ratio	Lower Upper
173 100	
175 0.0	37.1 55.7#
254 0.5	7.2 10.8#



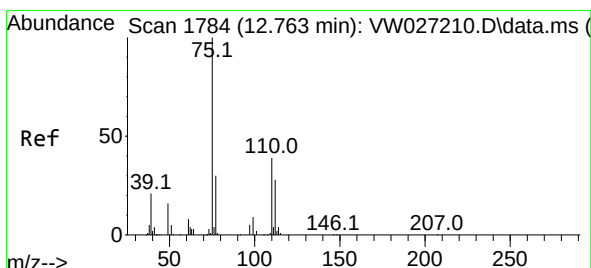
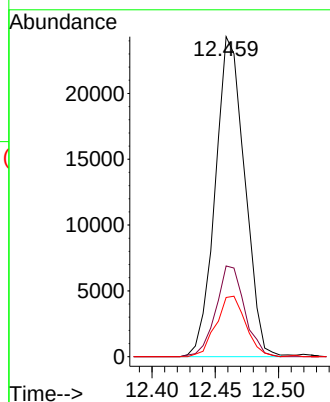
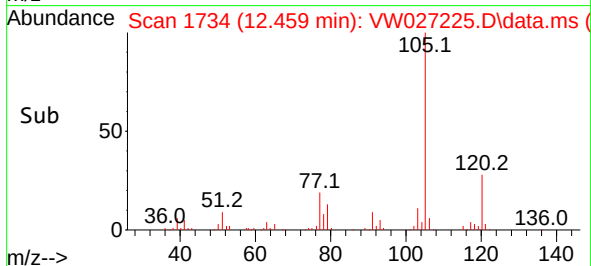


#60
Isopropylbenzene
Concen: 0.832 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

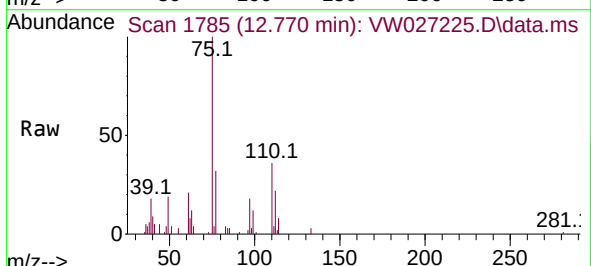
Instrument :
MSVOA_W
ClientSampleId :



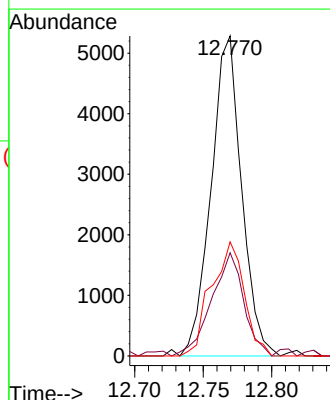
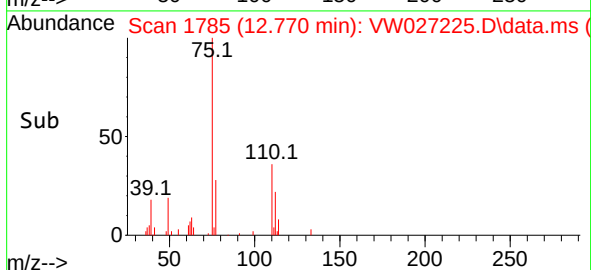
Tgt Ion:105 Resp: 39244
Ion Ratio Lower Upper
105 100
120 27.7 21.0 31.6
77 19.1 12.5 18.7#

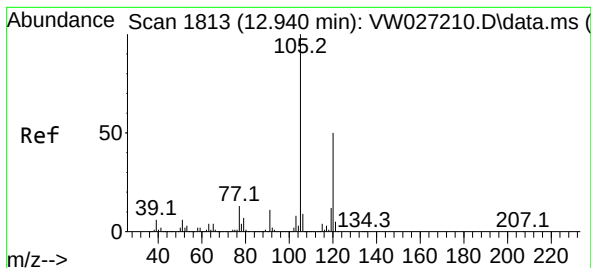


#61
1,2,3-Trichloropropane
Concen: 1.246 ug/L
RT: 12.770 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15



Tgt Ion: 75 Resp: 8168
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.2
110 38.6 31.2 46.8

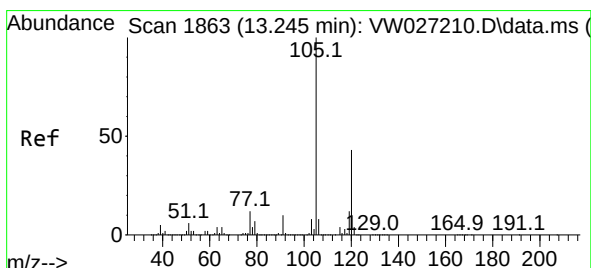
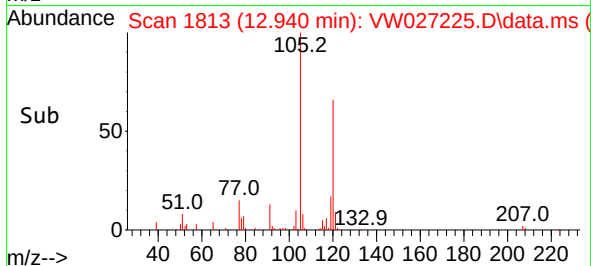
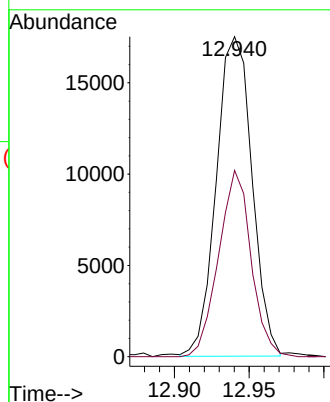
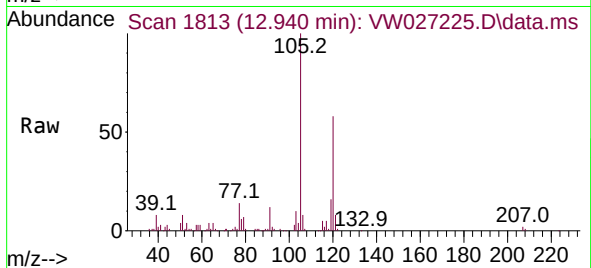




#62
1,3,5-Trimethylbenzene
Concen: 0.785 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

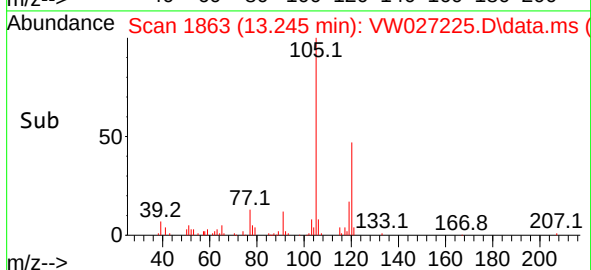
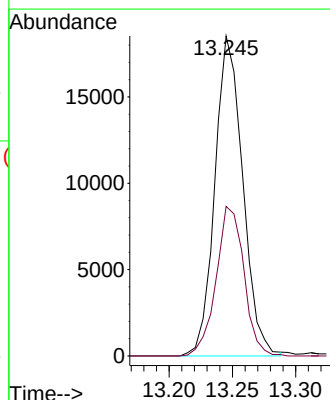
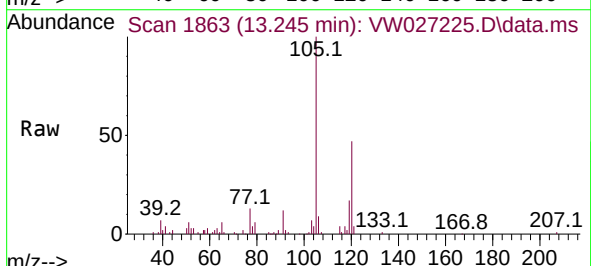
Instrument :
MSVOA_W
ClientSampleId :

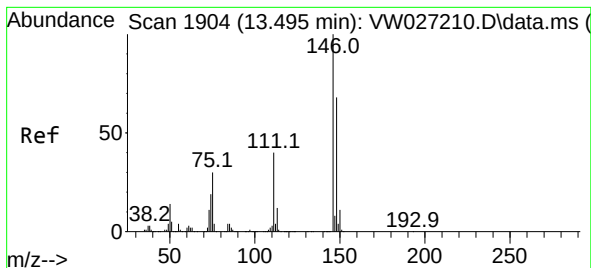
Tgt Ion:105 Resp: 29009
Ion Ratio Lower Upper
105 100
120 53.1 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 0.783 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Tgt Ion:105 Resp: 28362
Ion Ratio Lower Upper
105 100
120 46.6 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 1.014 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

ClientSampleId :

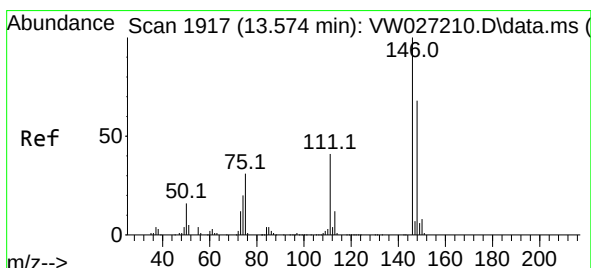
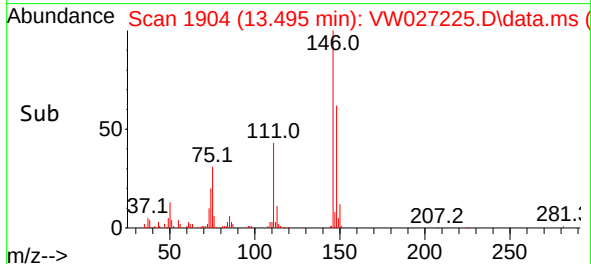
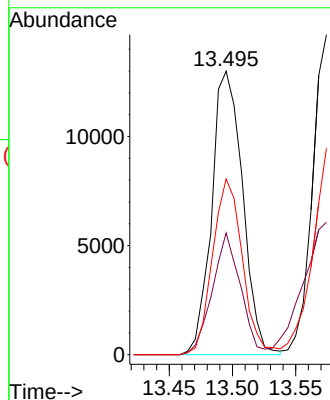
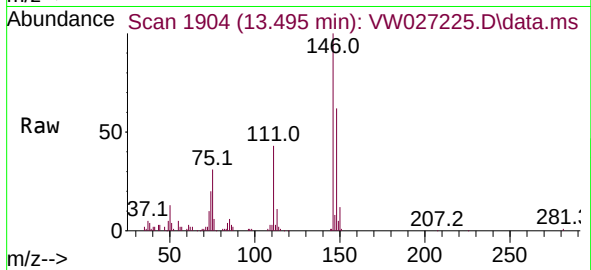
Tgt Ion:146 Resp: 22069

Ion Ratio Lower Upper

146 100

111 43.0 26.9 50.1

148 62.0 43.3 80.5



#65

1,4-Dichlorobenzene

Concen: 1.112 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

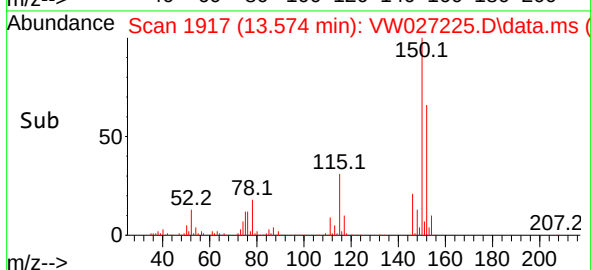
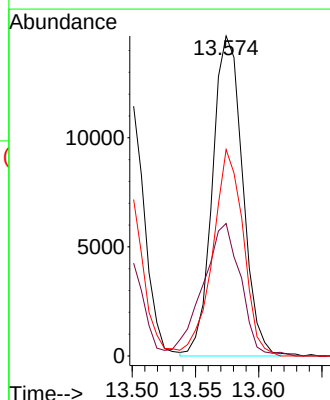
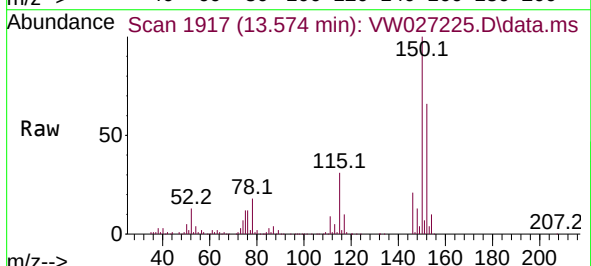
Tgt Ion:146 Resp: 24317

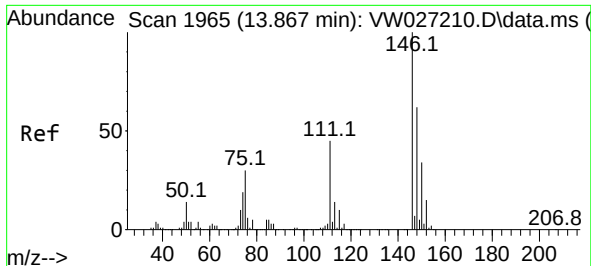
Ion Ratio Lower Upper

146 100

111 41.4 26.9 50.1

148 64.5 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 1.158 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

ClientSampleId :

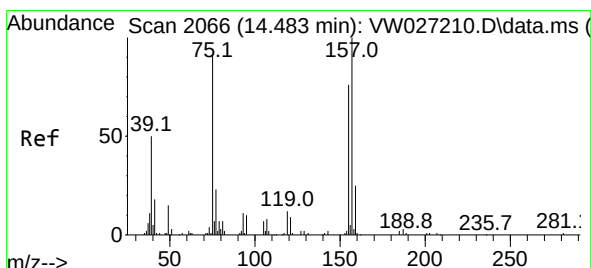
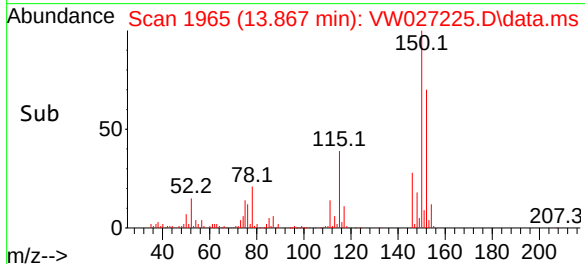
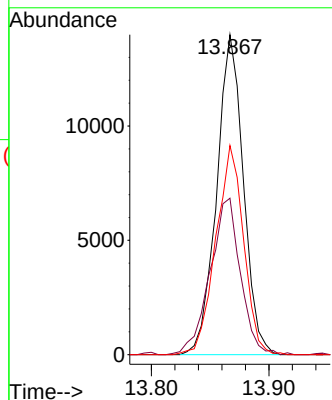
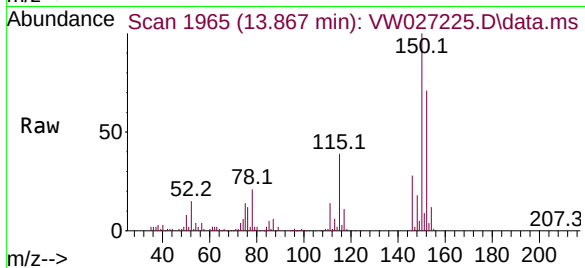
Tgt Ion:146 Resp: 22103

Ion Ratio Lower Upper

146 100

111 48.9 35.6 53.4

148 65.3 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 1.436 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

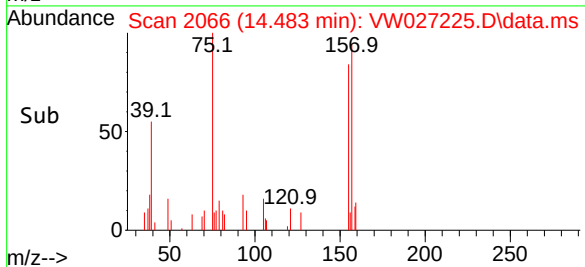
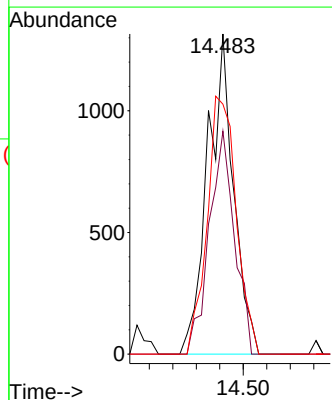
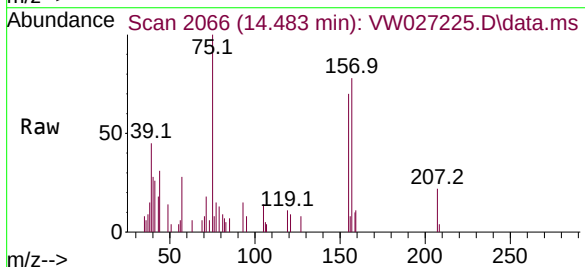
Tgt Ion: 75 Resp: 2017

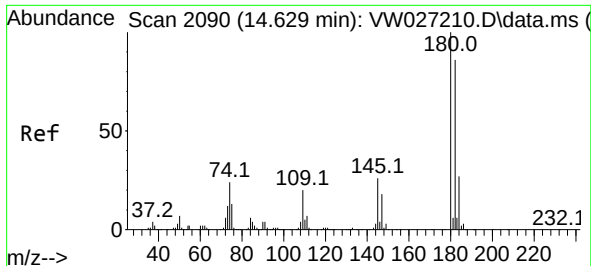
Ion Ratio Lower Upper

75 100

155 69.6 56.5 84.7

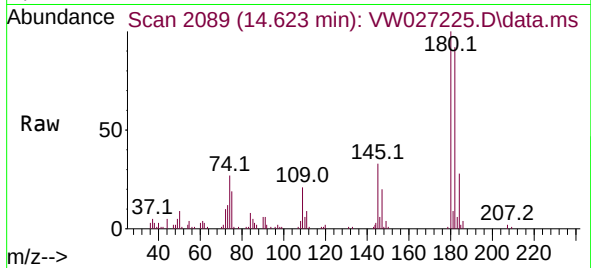
157 78.0 75.9 113.9



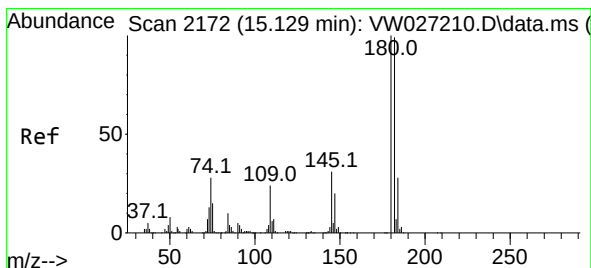
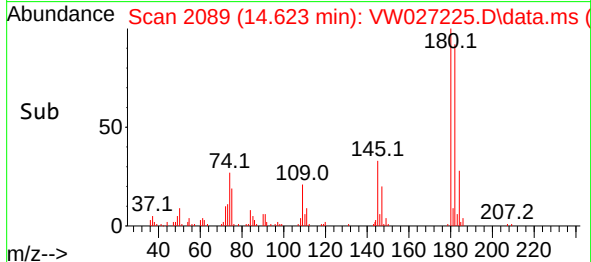
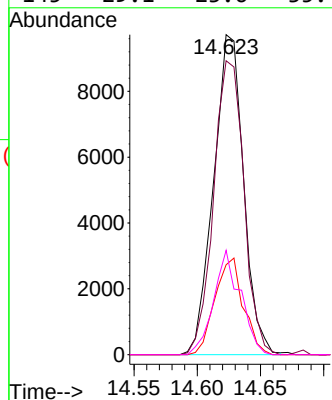


#69
1,3,5-Trichlorobenzene
Concen: 1.143 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. -0.006 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Instrument :
MSVOA_W
ClientSampleId :

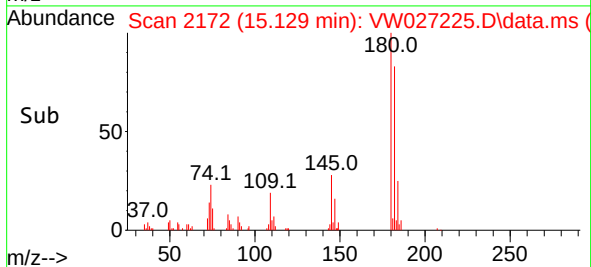
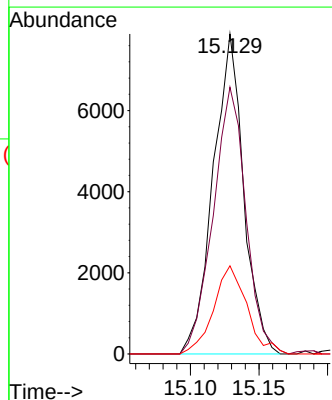
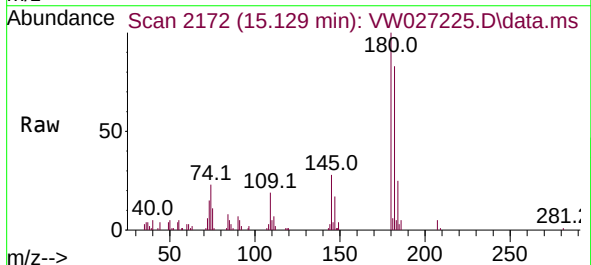


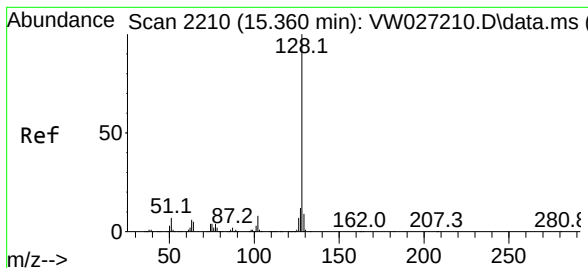
Tgt Ion:180 Resp: 16025
Ion Ratio Lower Upper
180 100
182 92.7 70.2 105.2
184 28.6 24.6 37.0
145 29.1 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 1.100 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW027225.D
Acq: 04 Oct 2023 18:15

Tgt Ion:180 Resp: 12167
Ion Ratio Lower Upper
180 100
182 89.4 77.4 116.2
145 30.2 24.3 36.5





#71

Naphthalene

Concen: 0.935 ug/L

RT: 15.367 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Instrument :

MSVOA_W

ClientSampleId :

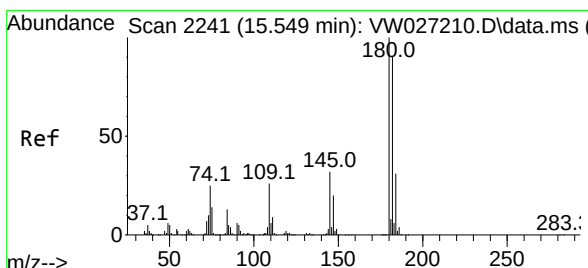
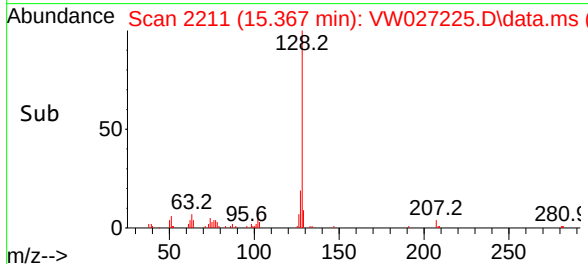
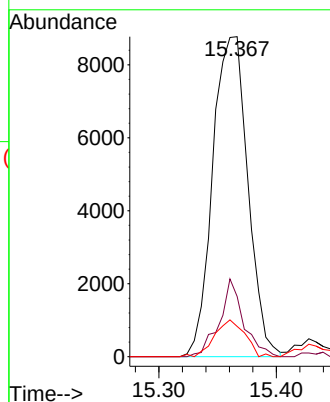
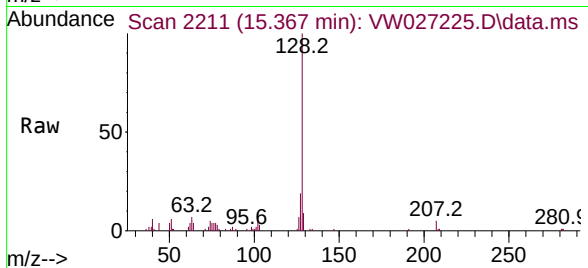
Tgt Ion:128 Resp: 18238

Ion Ratio Lower Upper

128 100

127 16.6 10.4 15.6#

129 9.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 1.073 ug/L

RT: 15.550 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027225.D

Acq: 04 Oct 2023 18:15

Tgt Ion:180 Resp: 10536

Ion Ratio Lower Upper

180 100

182 97.0 74.7 112.1

145 30.2 26.4 39.6

