

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027214.D
 Acq On : 04 Oct 2023 12:29
 Operator : SY/MD
 Sample : 04707-03MSDRE
 Misc : 4.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 22:50:39 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	798927	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	762926	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	418701	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	234564	18.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
7) Chloroethane-d5	2.899	69	191102	19.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.040%
11) 1,1-Dichloroethene-d2	4.027	65	102116	19.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.320%
21) 2-Butanone-d5	7.075	46	93467	36.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.040%
24) Chloroform-d	7.648	84	460865	19.710	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.840%
26) 1,2-Dichloroethane-d4	8.306	65	217027	19.368	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.480%
32) Benzene-d6	8.276	84	927111	19.828	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.320%
36) 1,2-Dichloropropane-d6	9.276	67	267552	19.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.440%
41) Toluene-d8	10.324	98	848498	20.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.240%
43) trans-1,3-Dichloroprop...	10.580	79	112367	20.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.800%
47) 2-Hexanone-d5	10.922	63	96442	45.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	206514	19.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	292089	20.806	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	174698	16.828	ug/L	98
3) Chloromethane	2.228	50	250118	17.849	ug/L	99
5) Vinyl chloride	2.375	62	297126	19.421	ug/L	98
6) Bromomethane	2.789	94	199600	19.803	ug/L	100
8) Chloroethane	2.935	64	183067	19.716	ug/L	95
9) Trichlorofluoromethane	3.271	101	253845	19.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	247761	19.151	ug/L	97
12) 1,1-Dichloroethene	4.045	96	249772	20.208	ug/L	96
13) Acetone	4.118	43	149078	46.491	ug/L	99
14) Carbon disulfide	4.393	76	768950	18.536	ug/L	99
15) Methyl Acetate	4.667	43	87651	16.309	ug/L	98
16) Methylene chloride	4.917	84	277268	17.729	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	251370	18.902	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	320686	19.270	ug/L #	81
19) 1,1-Dichloroethane	6.221	63	454948	18.344	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	277695	19.589	ug/L	97
22) 2-Butanone	7.166	43	158162	39.882	ug/L	98
23) Bromochloromethane	7.520	128	121008	18.707	ug/L	91
25) Chloroform	7.678	83	472030	19.514	ug/L	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027214.D
 Acq On : 04 Oct 2023 12:29
 Operator : SY/MD
 Sample : 04707-03MSDRE
 Misc : 4.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

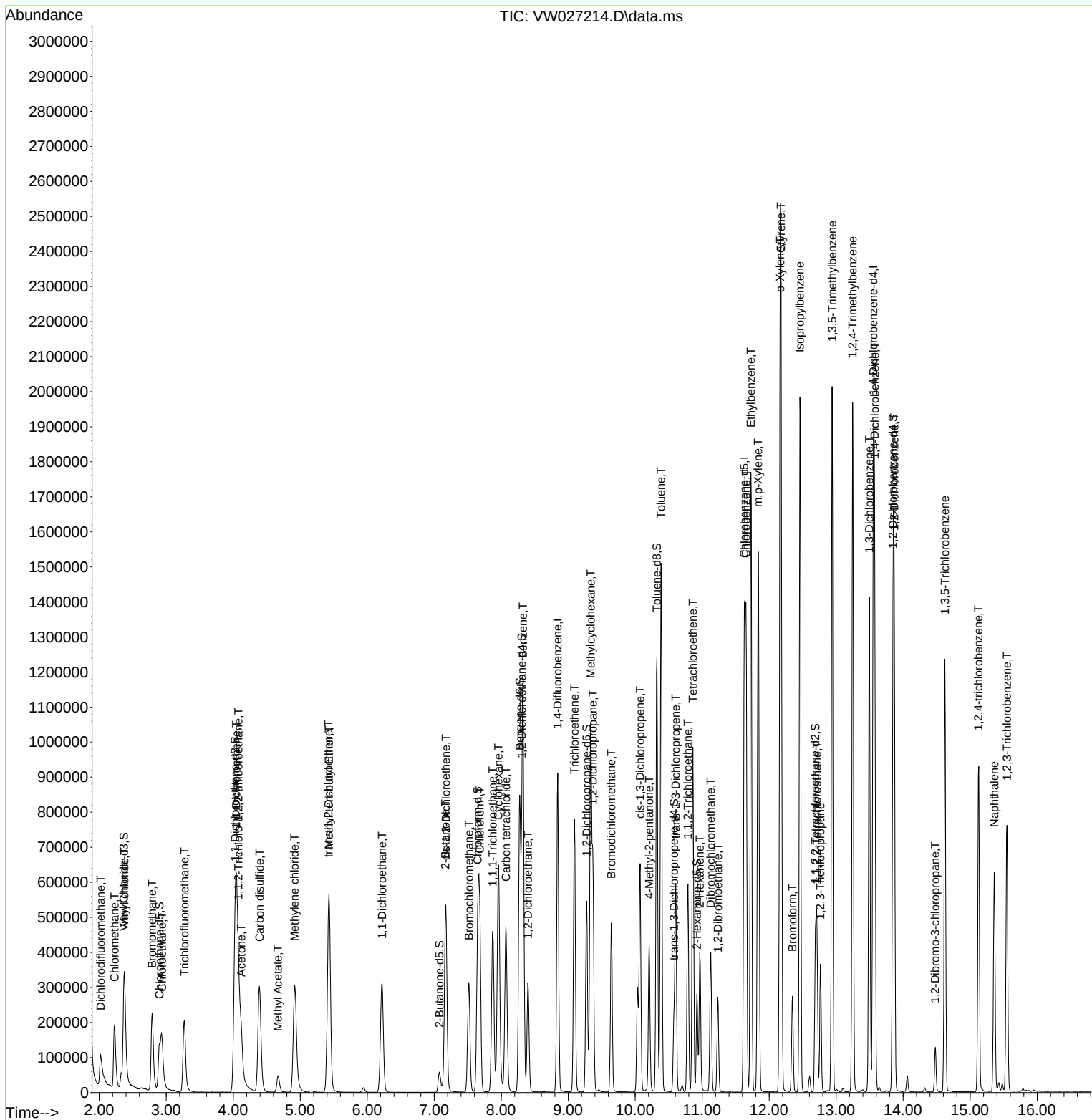
Instrument :
 MSVOA_W
 ClientSampleId :

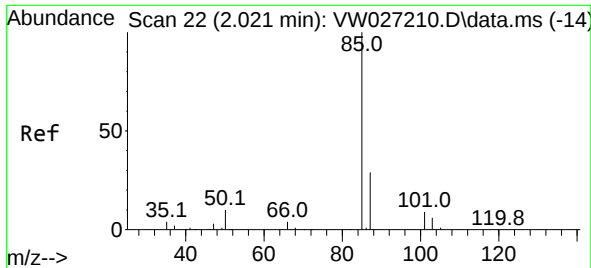
Quant Time: Oct 04 22:50:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	283055	19.102	ug/L	98
29) Cyclohexane	7.959	56	383592	18.899	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	396840	20.925	ug/L	99
31) Carbon tetrachloride	8.069	117	373508	20.851	ug/L	99
33) Benzene	8.325	78	1053191	19.531	ug/L	100
34) Trichloroethene	9.093	95	279425	19.843	ug/L	94
35) Methylcyclohexane	9.337	83	447749	18.905	ug/L	99
37) 1,2-Dichloropropane	9.367	63	256777	18.481	ug/L	99
38) Bromodichloromethane	9.642	83	326356	19.557	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	406165	19.840	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	259720	38.531	ug/L	97
42) Toluene	10.385	91	1121513	20.253	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	339552	20.237	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	194017	19.296	ug/L	97
46) Tetrachloroethene	10.861	164	228912	20.680	ug/L	95
48) 2-Hexanone	10.964	43	233745	44.233	ug/L	95
49) Dibromochloromethane	11.129	129	218760	20.061	ug/L	97
50) 1,2-Dibromoethane	11.233	107	180062	19.299	ug/L	96
51) Chlorobenzene	11.653	112	726612	19.773	ug/L	99
52) Ethylbenzene	11.727	91	1291213	20.755	ug/L	97
53) m,p-Xylene	11.836	106	506872	21.249	ug/L	93
54) o-Xylene	12.165	106	482240	21.641	ug/L	98
55) Styrene	12.178	104	820135	21.381	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	226494	18.780	ug/L	99
59) Bromoform	12.348	173	129794	19.631	ug/L	98
60) Isopropylbenzene	12.458	105	1301566	21.110	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156490	18.256	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1076902	22.278	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1061579	22.410	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	581547	20.437	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	596944	20.880	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	486768	19.516	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	34211	18.632	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.622	180	380364	20.758	ug/L	95
70) 1,2,4-trichlorobenzene	15.122	180	316562	21.898	ug/L	94
71) Naphthalene	15.360	128	557076	21.840	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	266931	20.801	ug/L	98

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

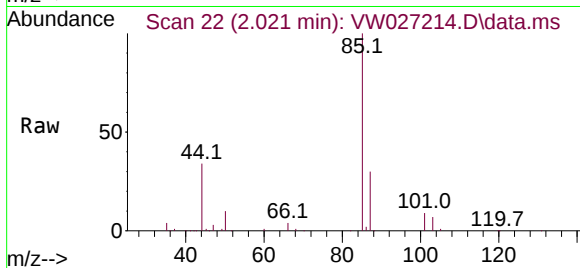
Quant Time: Oct 04 22:50:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:49:04 2023
Response via : Initial Calibration



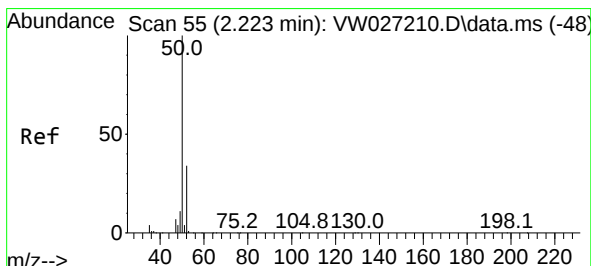
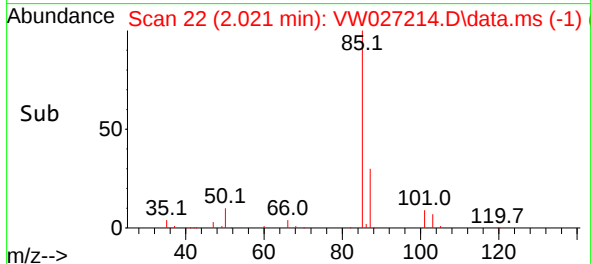
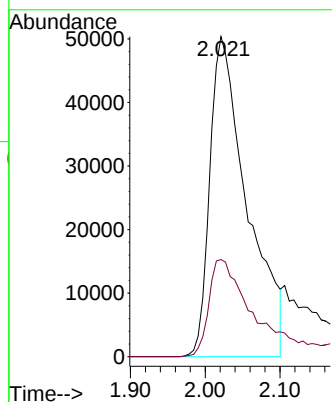


#2
 Dichlorodifluoromethane
 Concen: 16.828 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027214.D
 Acq: 04 Oct 2023 12:29

Instrument :
 MSVOA_W
 ClientSampleId :

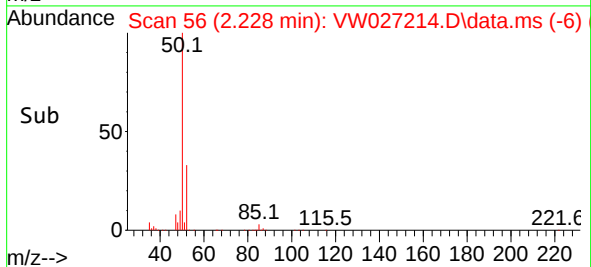
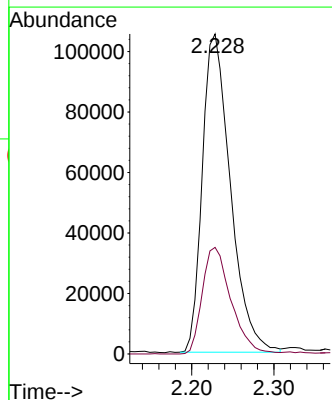
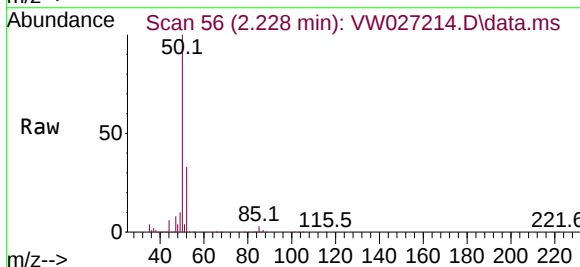


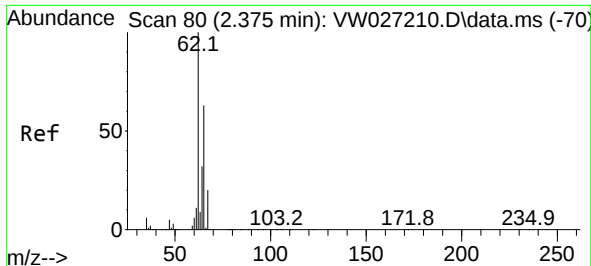
Tgt Ion: 85 Resp: 174698
 Ion Ratio Lower Upper
 85 100
 87 28.8 22.1 33.1



#3
 Chloromethane
 Concen: 17.849 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027214.D
 Acq: 04 Oct 2023 12:29

Tgt Ion: 50 Resp: 250118
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.5 43.7

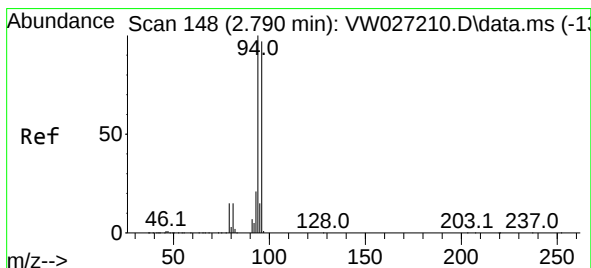
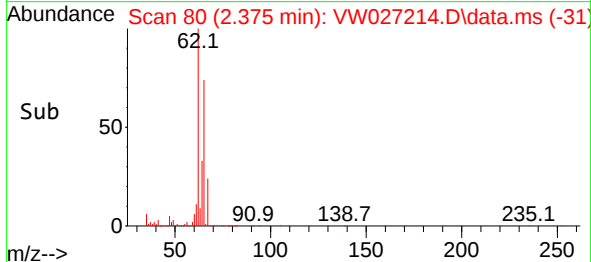
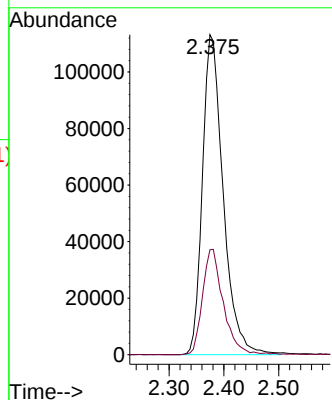
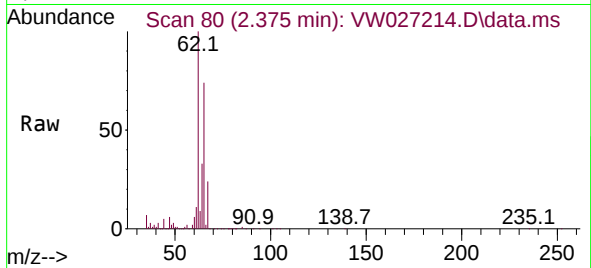




#5
 Vinyl chloride
 Concen: 19.421 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027214.D
 Acq: 04 Oct 2023 12:29

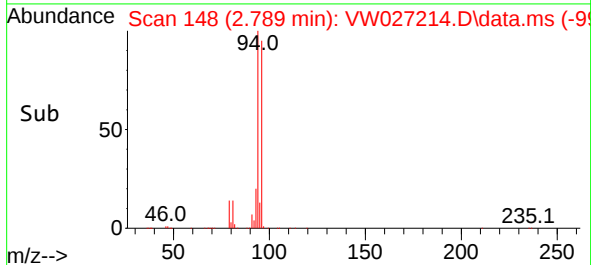
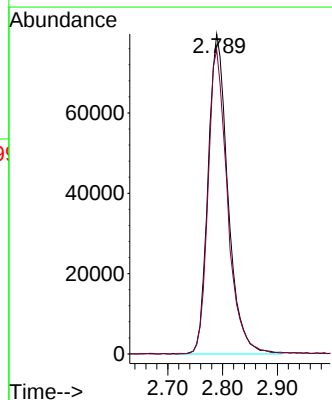
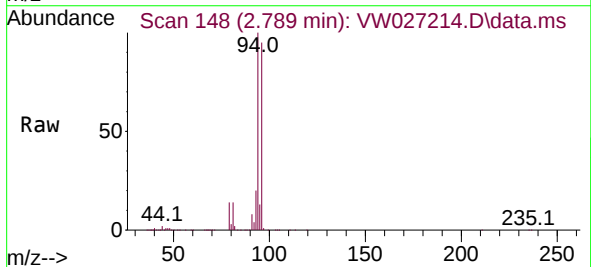
Instrument :
 MSVOA_W
 ClientSampleId :

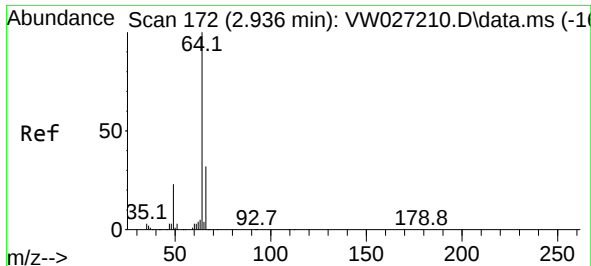
Tgt Ion: 62 Resp: 297126
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.2 41.2



#6
 Bromomethane
 Concen: 19.803 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027214.D
 Acq: 04 Oct 2023 12:29

Tgt Ion: 94 Resp: 199600
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.8 124.0

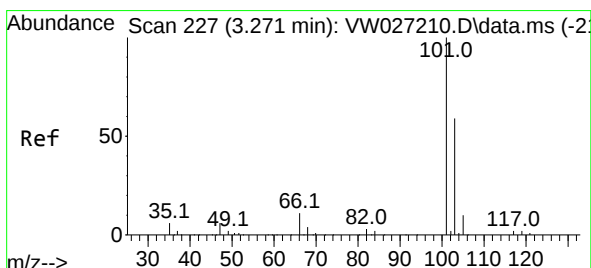
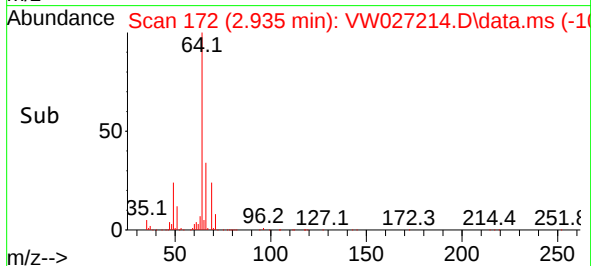
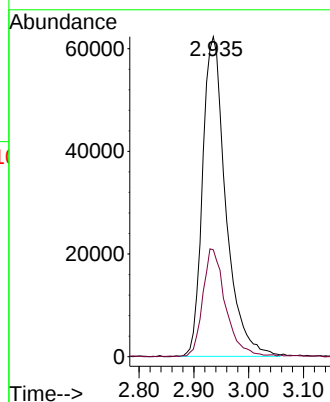
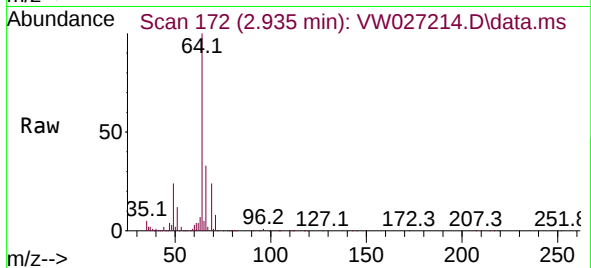




#8
Chloroethane
Concen: 19.716 ug/L
RT: 2.935 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

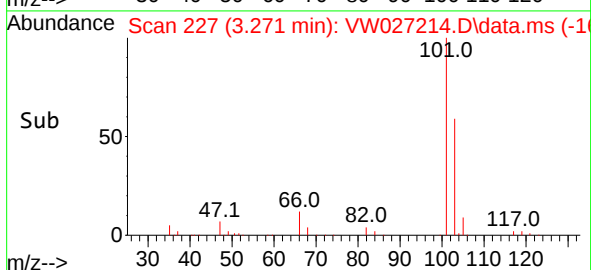
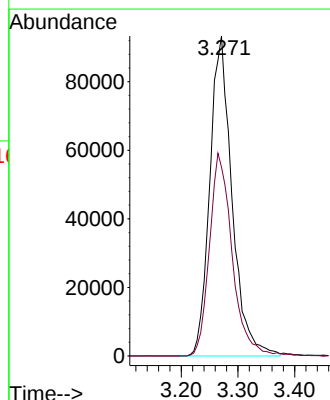
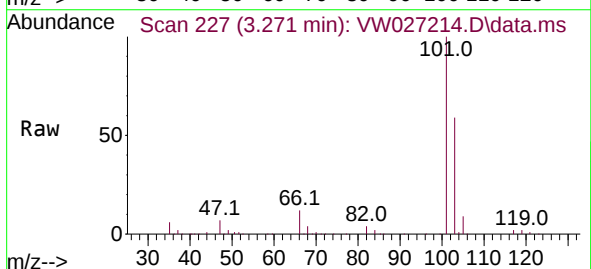
Instrument :
MSVOA_W
ClientSampleId :

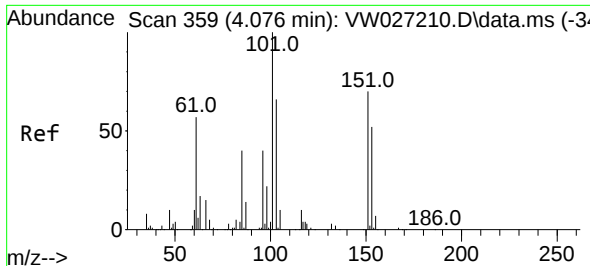
Tgt Ion: 64 Resp: 183067
Ion Ratio Lower Upper
64 100
66 33.4 21.5 39.9



#9
Trichlorofluoromethane
Concen: 19.742 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 101 Resp: 253845
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.151 ug/L

RT: 4.075 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :

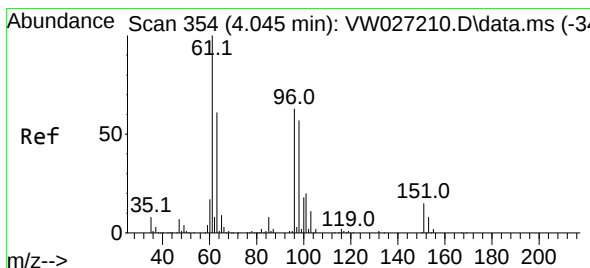
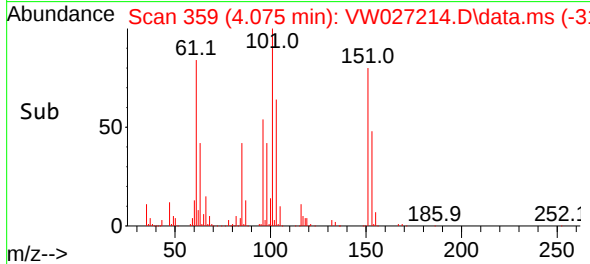
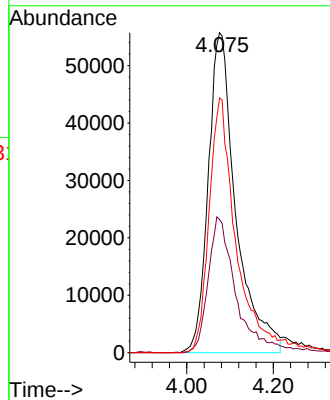
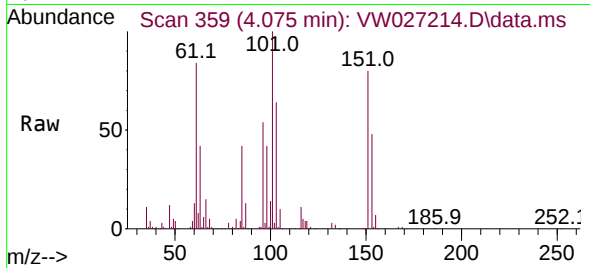
Tgt Ion:101 Resp: 247761

Ion Ratio Lower Upper

101 100

85 38.8 33.1 49.7

151 75.8 58.6 87.8



#12

1,1-Dichloroethene

Concen: 20.208 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

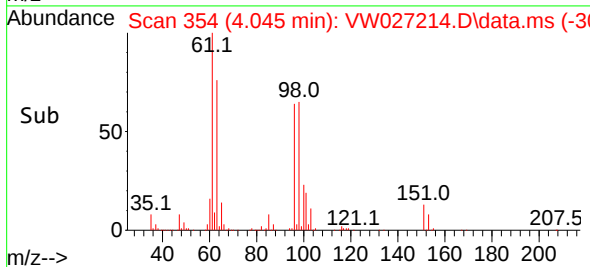
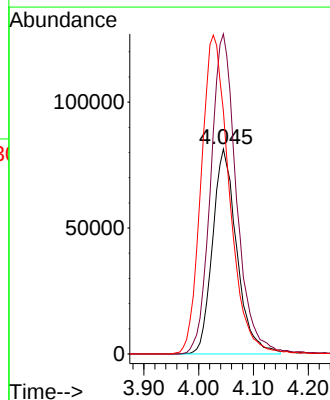
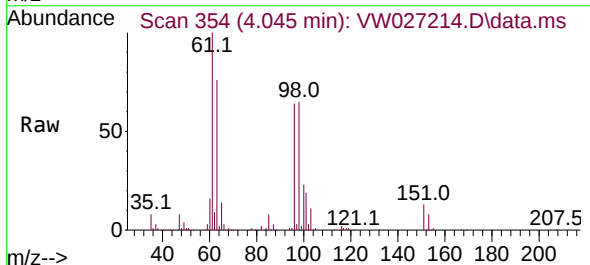
Tgt Ion: 96 Resp: 249772

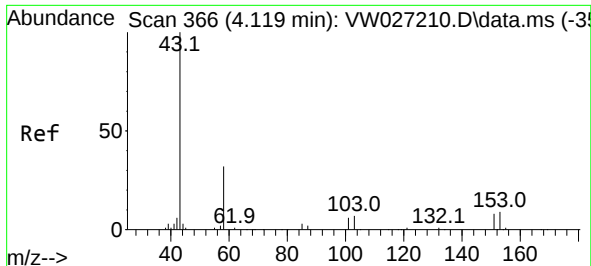
Ion Ratio Lower Upper

96 100

61 156.1 109.8 204.0

63 118.5 76.9 142.7

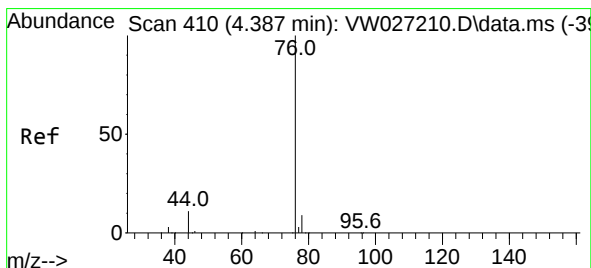
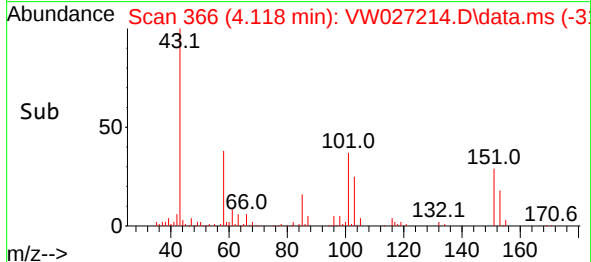
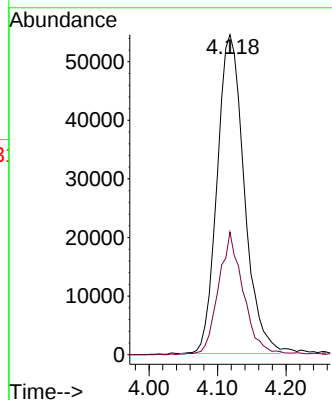
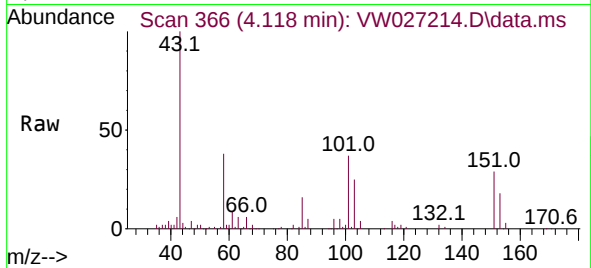




#13
Acetone
Concen: 46.491 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

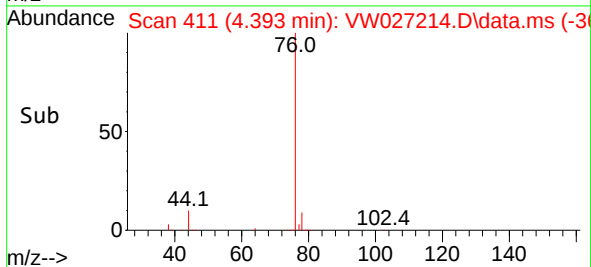
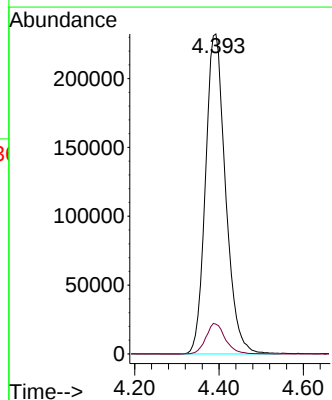
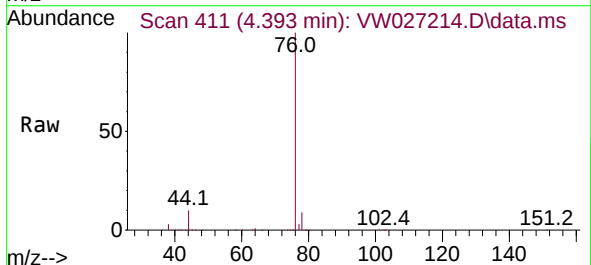
Instrument :
MSVOA_W
ClientSampleId :

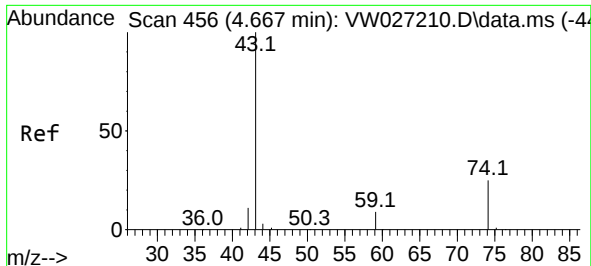
Tgt Ion: 43 Resp: 149078
Ion Ratio Lower Upper
43 100
58 34.9 0.0 70.4



#14
Carbon disulfide
Concen: 18.536 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 76 Resp: 768950
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

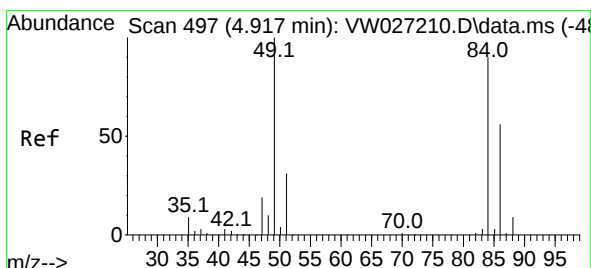
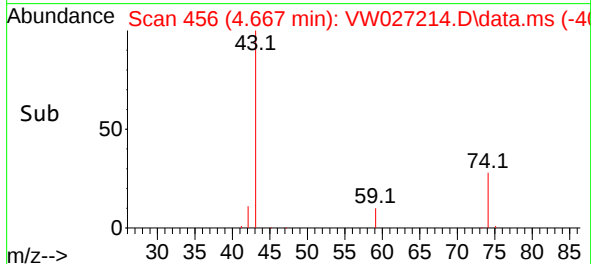
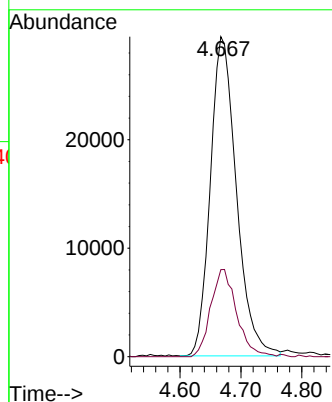
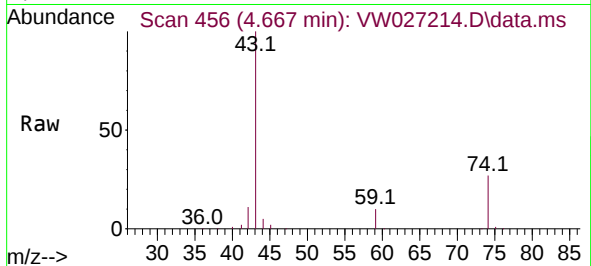




#15
Methyl Acetate
Concen: 16.309 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

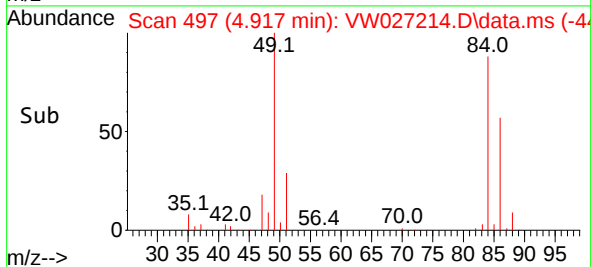
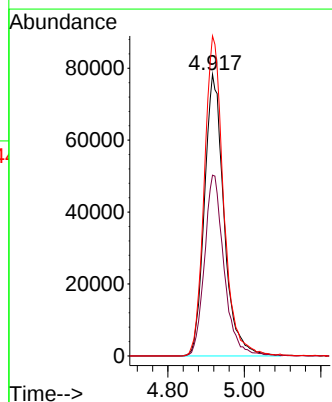
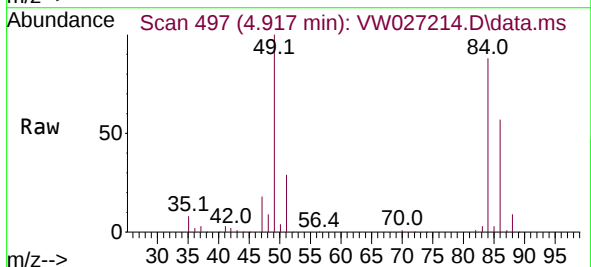
Instrument :
MSVOA_W
ClientSampleId :

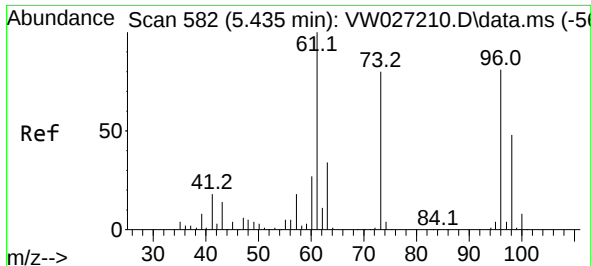
Tgt Ion: 43 Resp: 87651
Ion Ratio Lower Upper
43 100
74 26.9 20.8 31.2



#16
Methylene chloride
Concen: 17.729 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 84 Resp: 277268
Ion Ratio Lower Upper
84 100
86 64.2 45.1 83.9
49 113.7 80.9 150.3





#17

trans-1,2-Dichloroethene

Concen: 18.902 ug/L

RT: 5.423 min Scan# 582

Delta R.T. -0.013 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :

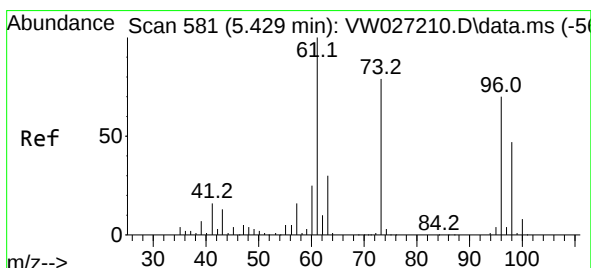
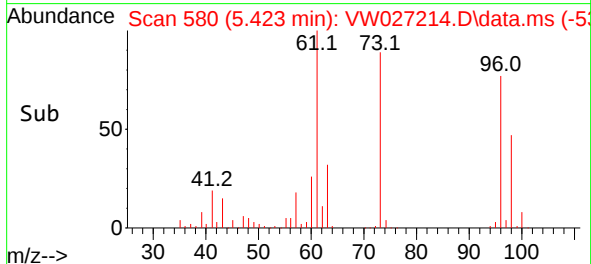
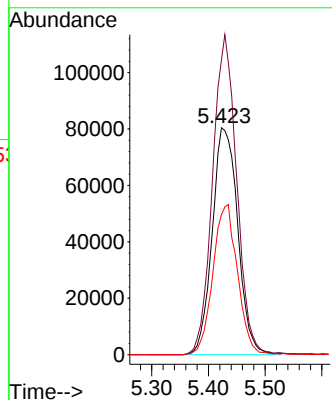
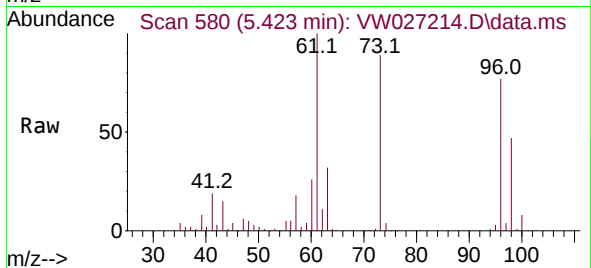
Tgt Ion: 96 Resp: 251370

Ion Ratio Lower Upper

96 100

61 130.0 93.5 173.7

98 61.7 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 19.270 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

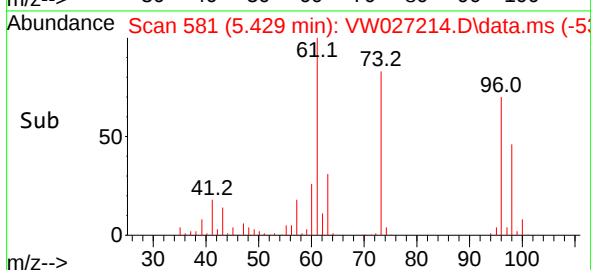
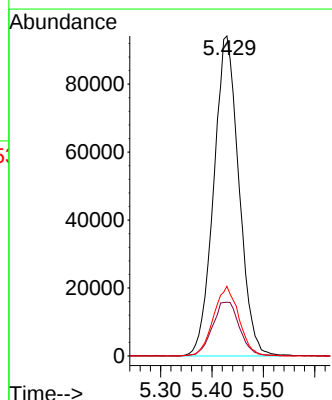
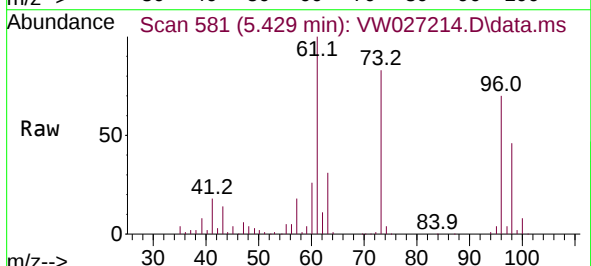
Tgt Ion: 73 Resp: 320686

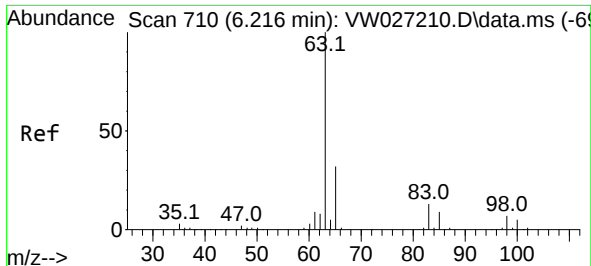
Ion Ratio Lower Upper

73 100

43 0.0 14.2 21.2#

57 21.9 18.3 27.5

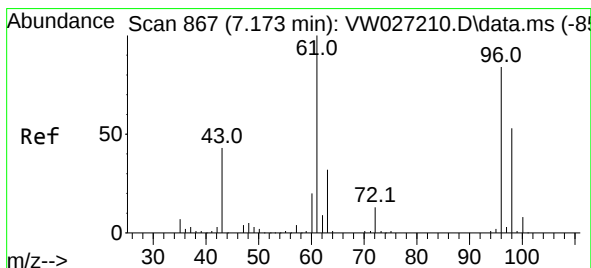
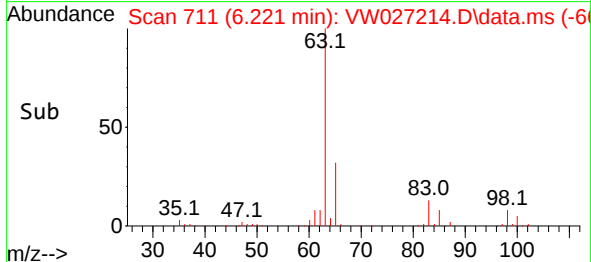
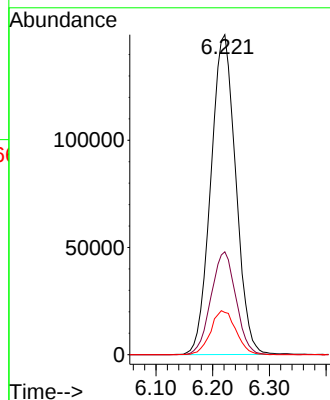
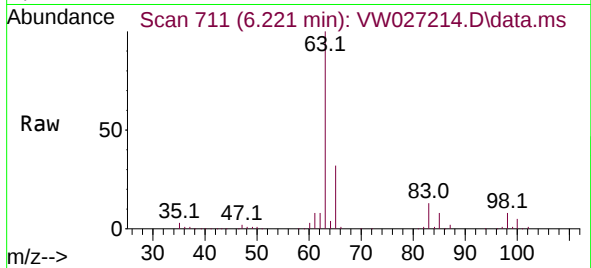




#19
1,1-Dichloroethane
Concen: 18.344 ug/L
RT: 6.221 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

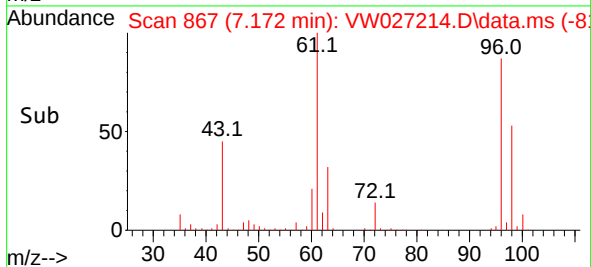
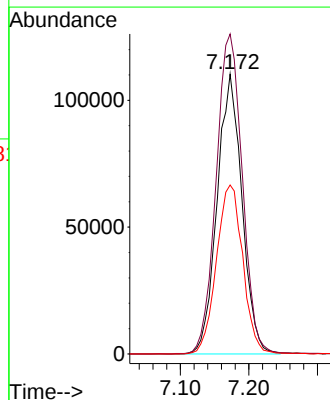
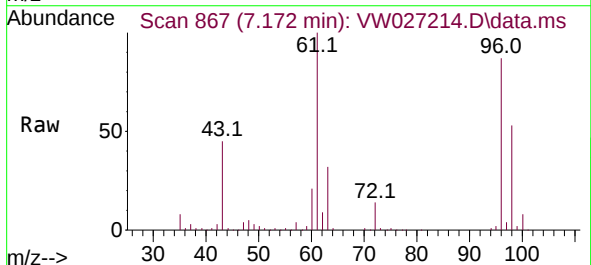
Instrument :
MSVOA_W
ClientSampleId :

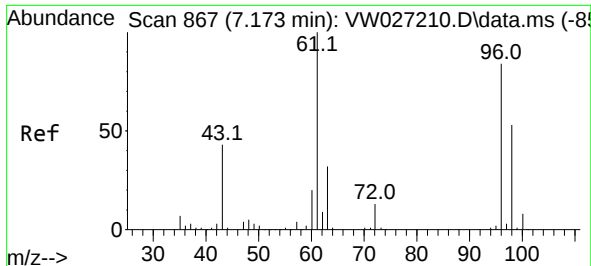
Tgt Ion: 63 Resp: 454948
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.9
83 13.2 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 19.589 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 96 Resp: 277695
Ion Ratio Lower Upper
96 100
61 114.4 82.7 153.5
98 60.4 43.0 80.0





#22

2-Butanone

Concen: 39.882 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

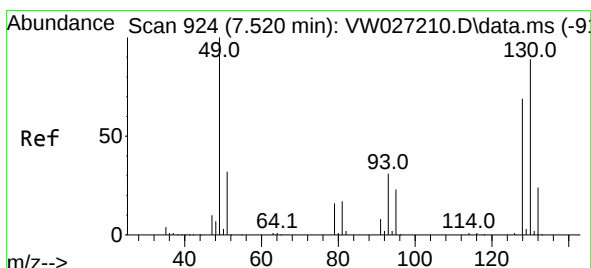
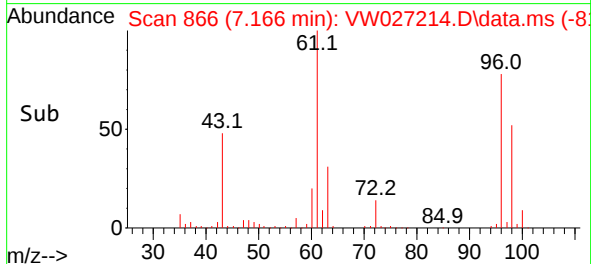
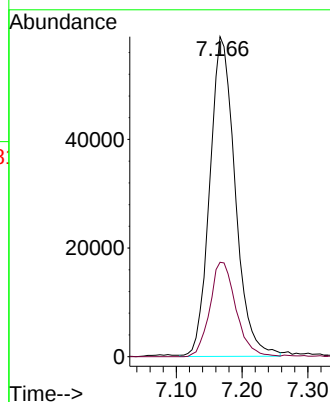
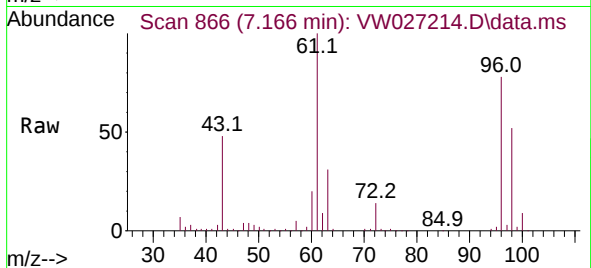
ClientSampleId :

Tgt Ion: 43 Resp: 158162

Ion Ratio Lower Upper

43 100

72 30.3 14.6 44.0



#23

Bromochloromethane

Concen: 18.707 ug/L

RT: 7.520 min Scan# 924

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Tgt Ion: 128 Resp: 121008

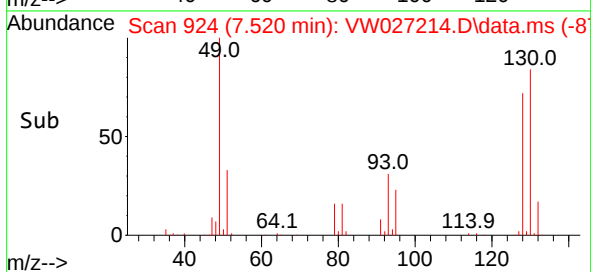
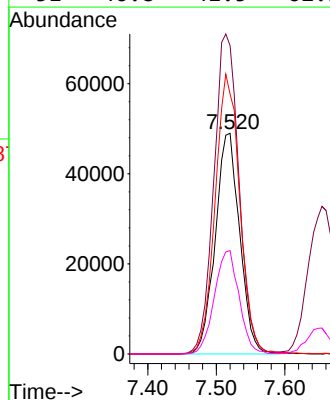
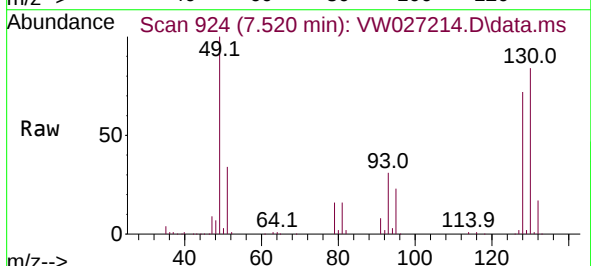
Ion Ratio Lower Upper

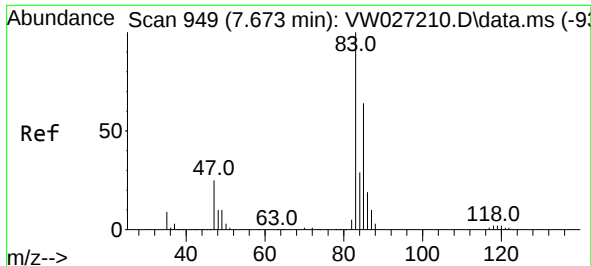
128 100

49 139.7 112.1 208.1

130 117.7 83.9 155.7

51 46.8 41.5 62.3

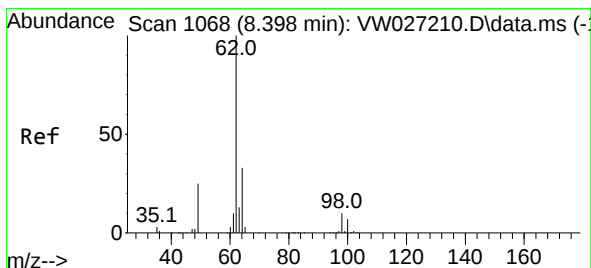
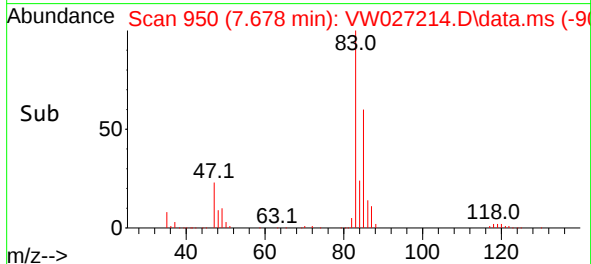
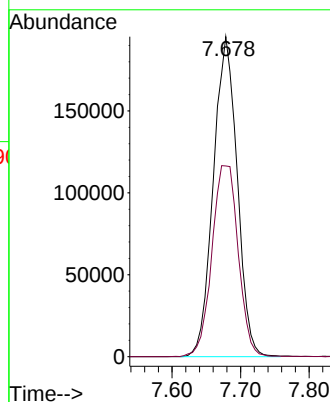
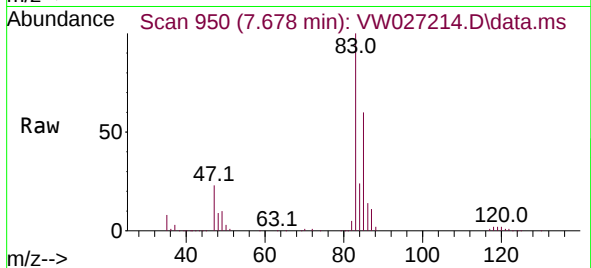




#25
Chloroform
Concen: 19.514 ug/L
RT: 7.678 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

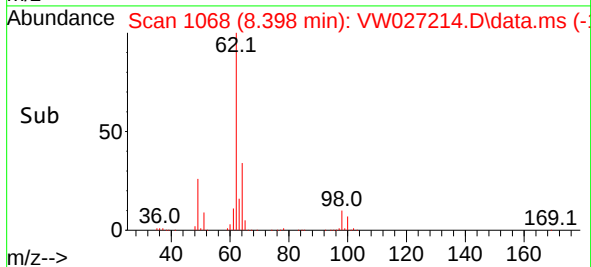
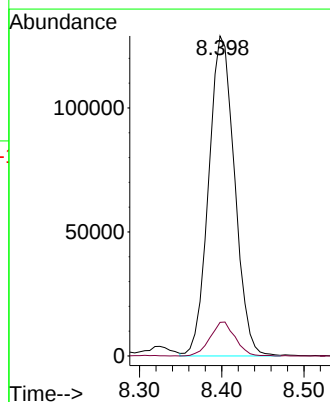
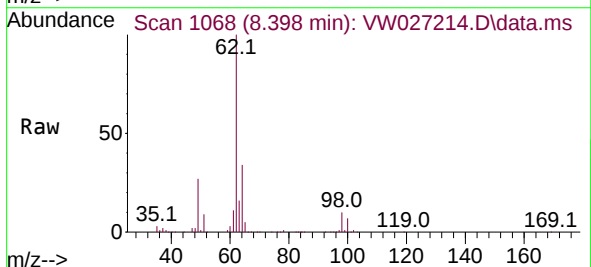
Instrument :
MSVOA_W
ClientSampleId :

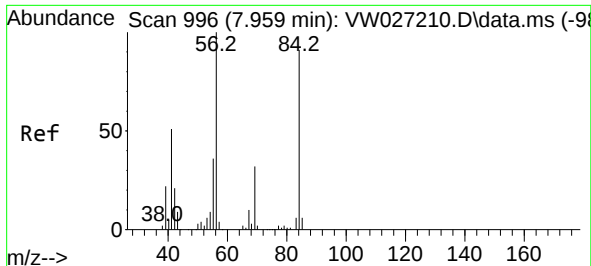
Tgt Ion: 83 Resp: 472030
Ion Ratio Lower Upper
83 100
85 59.6 47.7 88.5



#27
1,2-Dichloroethane
Concen: 19.102 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 62 Resp: 283055
Ion Ratio Lower Upper
62 100
98 10.5 7.9 11.9





#29

Cyclohexane

Concen: 18.899 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :

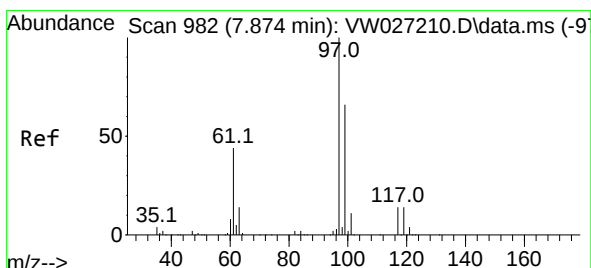
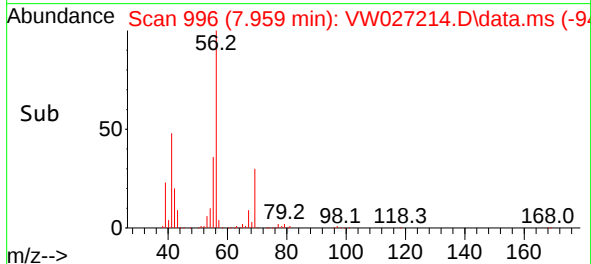
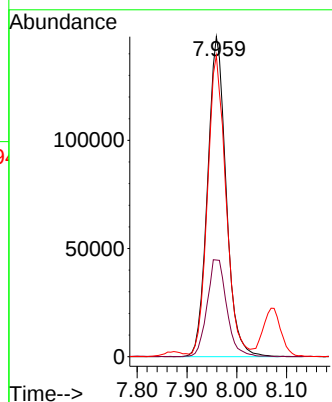
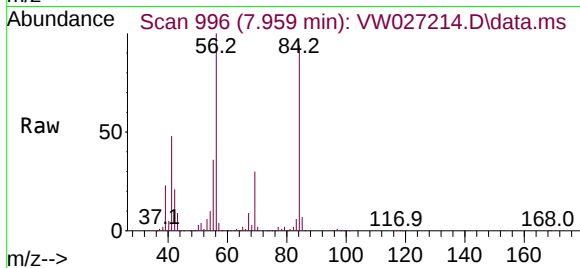
Tgt Ion: 56 Resp: 383592

Ion Ratio Lower Upper

56 100

69 32.0 25.0 37.4

84 93.4 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 20.925 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

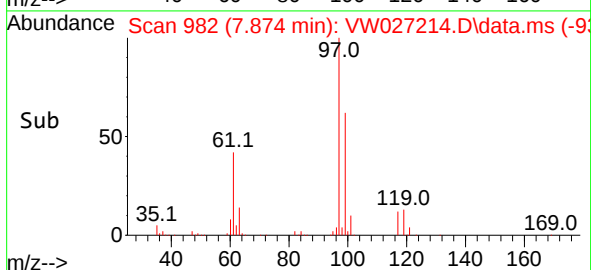
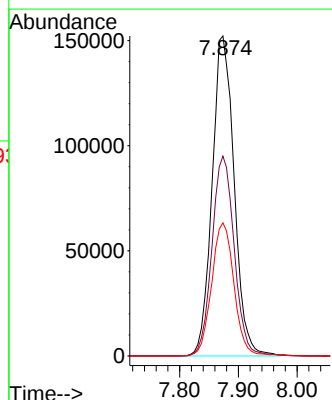
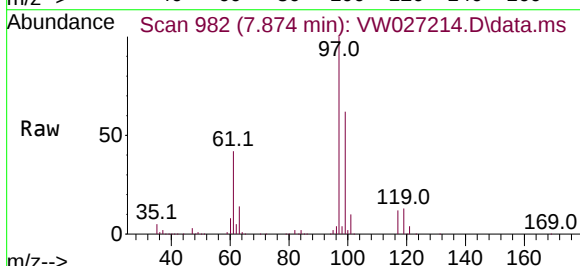
Tgt Ion: 97 Resp: 396840

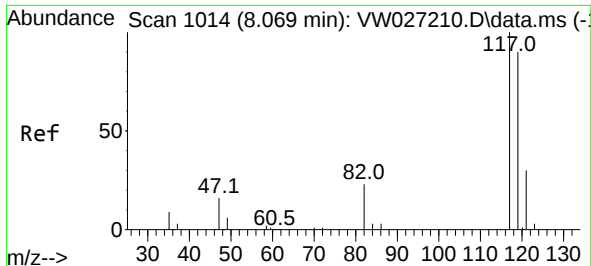
Ion Ratio Lower Upper

97 100

99 63.1 50.8 76.2

61 42.0 34.6 52.0

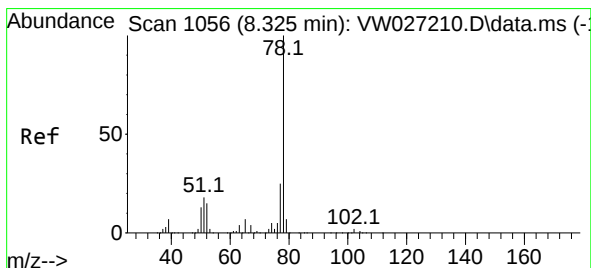
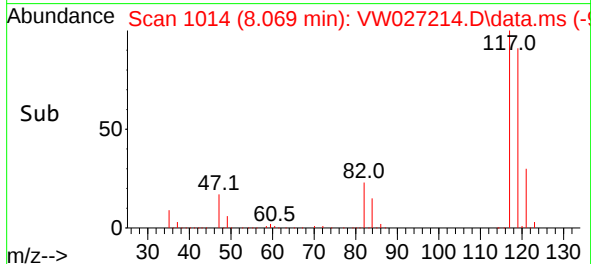
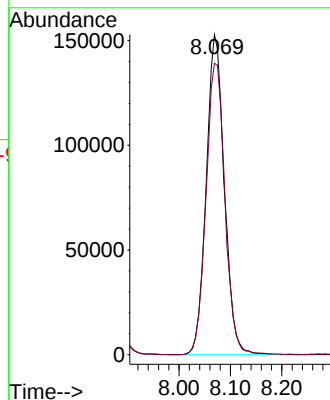
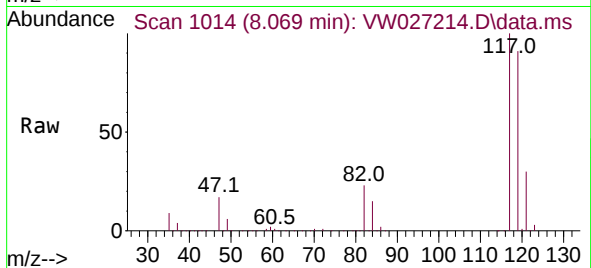




#31
Carbon tetrachloride
Concen: 20.851 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

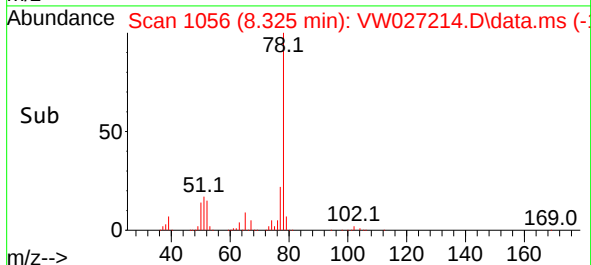
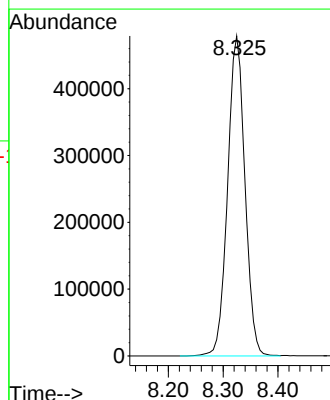
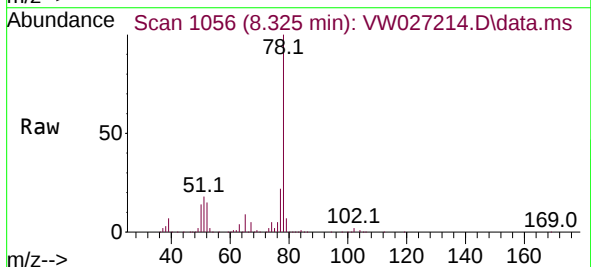
Instrument :
MSVOA_W
ClientSampleId :

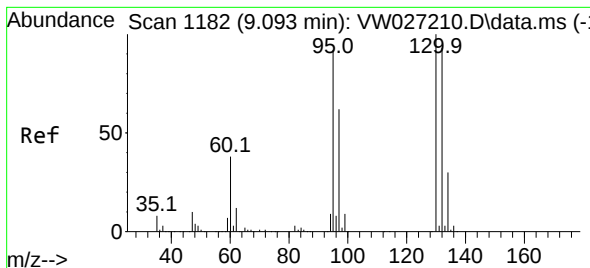
Tgt Ion:117 Resp: 373508
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.6



#33
Benzene
Concen: 19.531 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 78 Resp: 1053191





#34

Trichloroethene

Concen: 19.843 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

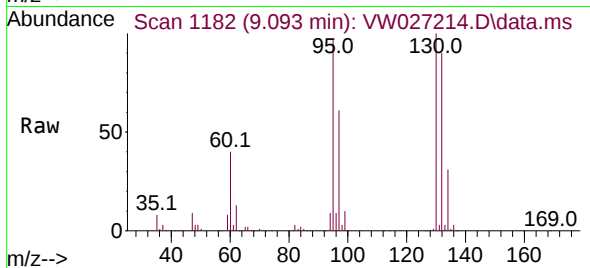
Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 279425

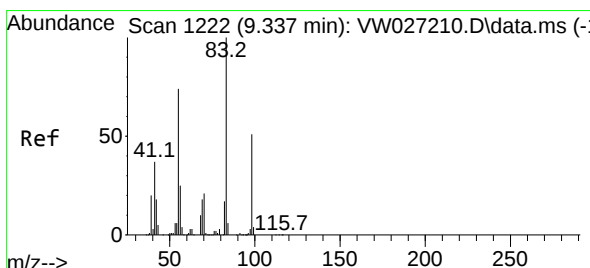
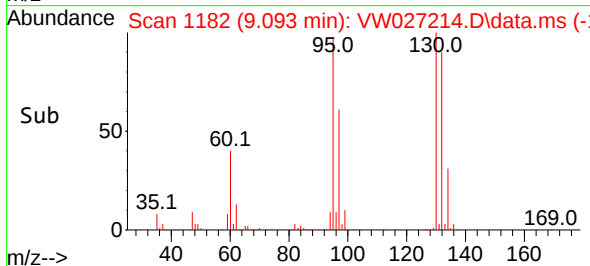
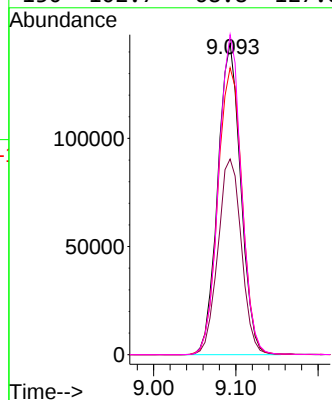
Ion Ratio Lower Upper

95 100

97 62.8 46.1 85.7

132 92.1 71.5 132.9

130 102.7 68.8 127.8



#35

Methylcyclohexane

Concen: 18.905 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

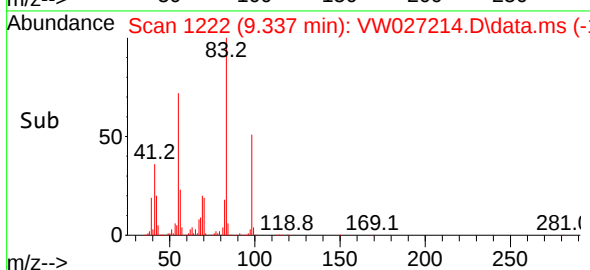
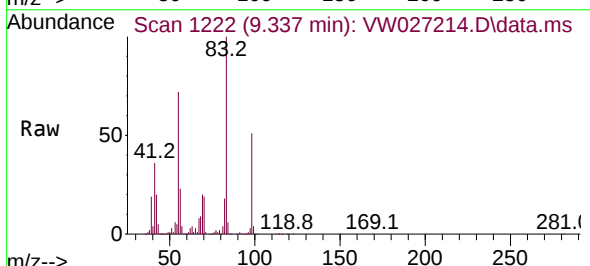
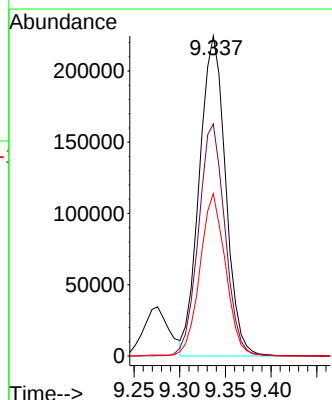
Tgt Ion: 83 Resp: 447749

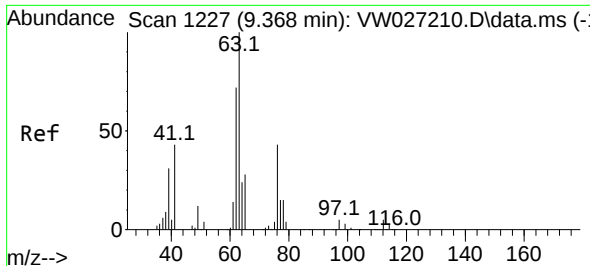
Ion Ratio Lower Upper

83 100

55 72.9 59.1 88.7

98 49.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 18.481 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

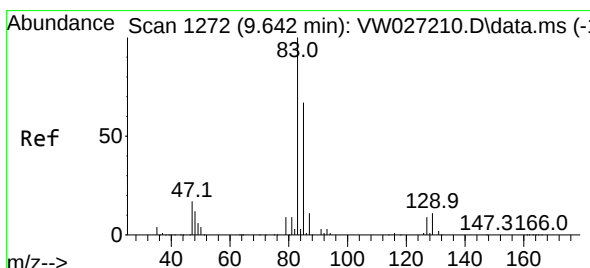
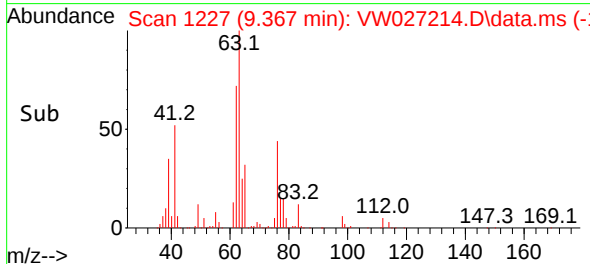
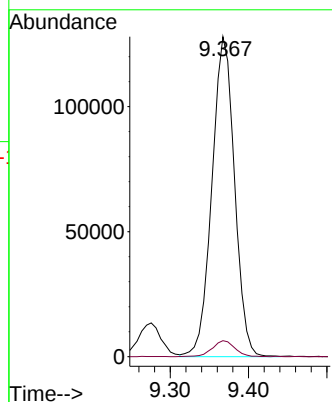
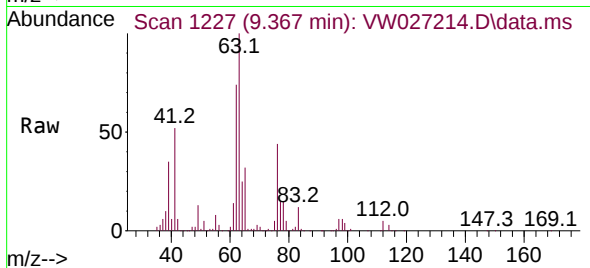
ClientSampleId :

Tgt Ion: 63 Resp: 256777

Ion Ratio Lower Upper

63 100

112 5.0 3.7 5.5



#38

Bromodichloromethane

Concen: 19.557 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

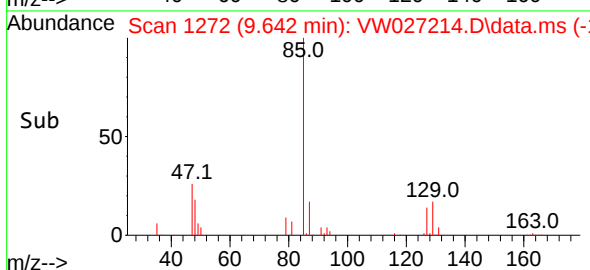
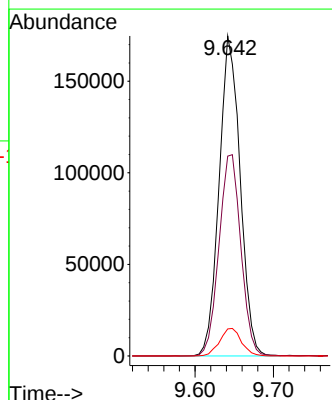
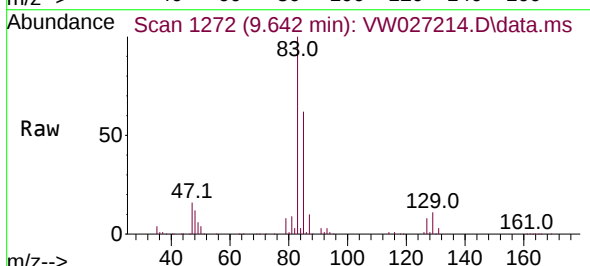
Tgt Ion: 83 Resp: 326356

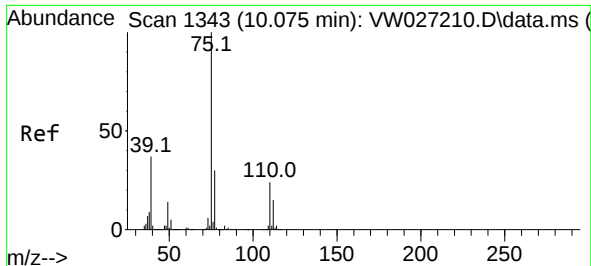
Ion Ratio Lower Upper

83 100

85 62.5 44.7 82.9

127 8.5 7.0 10.6

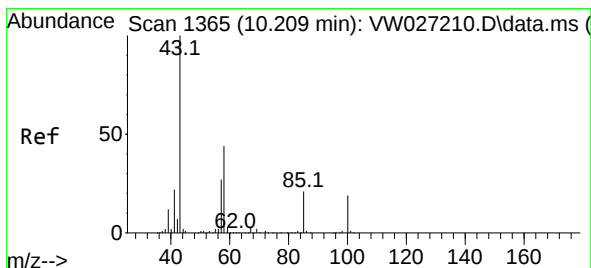
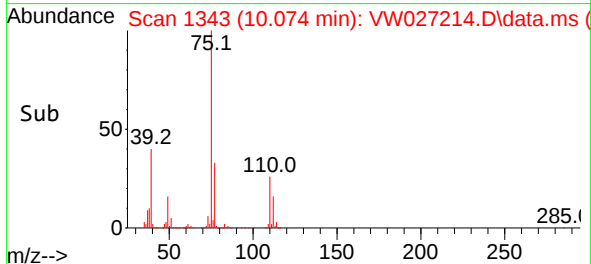
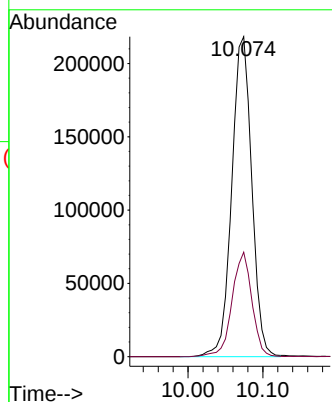
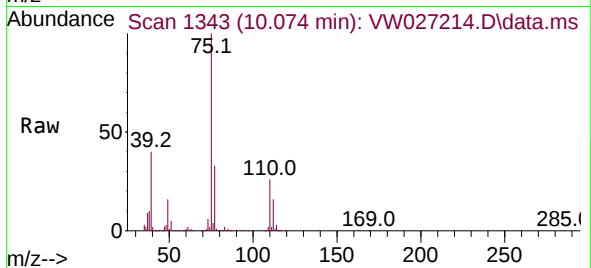




#39
cis-1,3-Dichloropropene
Concen: 19.840 ug/L
RT: 10.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

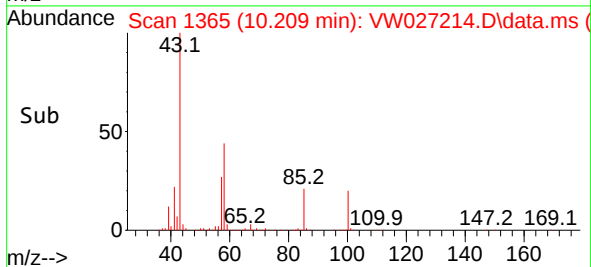
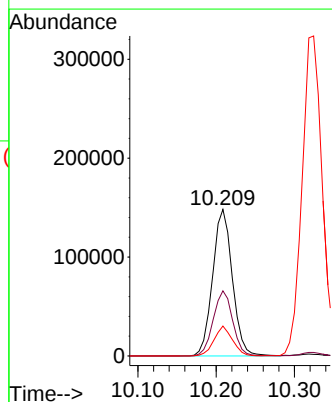
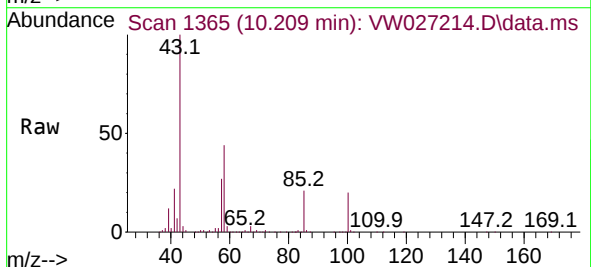
Instrument :
MSVOA_W
ClientSampleId :

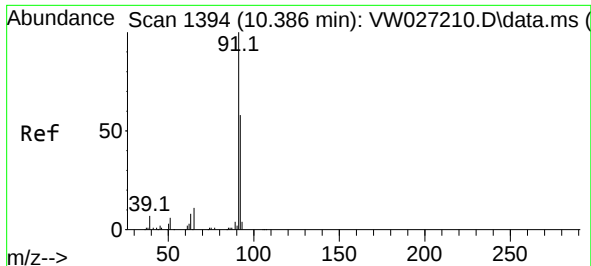
Tgt Ion: 75 Resp: 406165
Ion Ratio Lower Upper
75 100
77 32.7 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 38.531 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 43 Resp: 259720
Ion Ratio Lower Upper
43 100
58 43.7 33.8 50.6
100 19.0 13.7 20.5

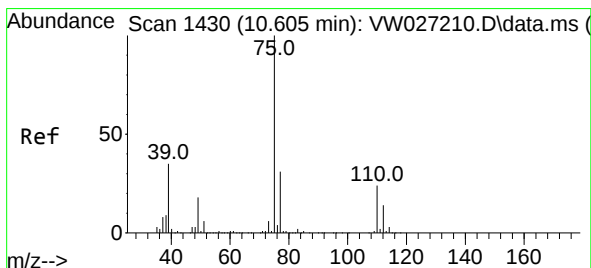
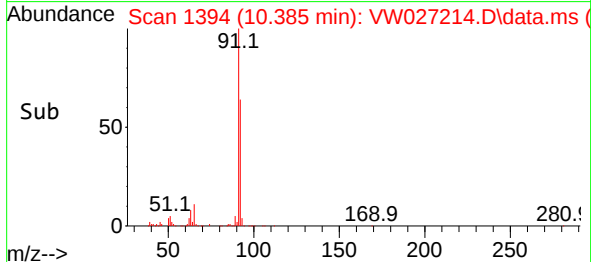
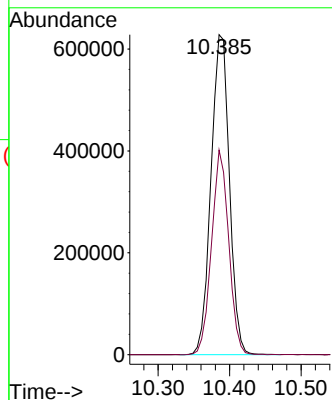
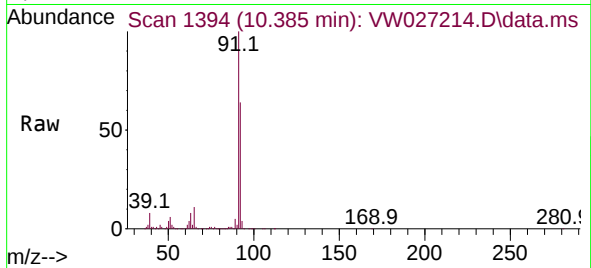




#42
Toluene
Concen: 20.253 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

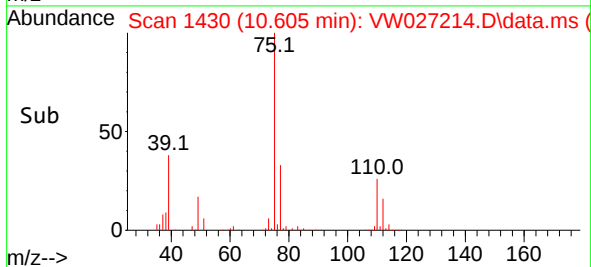
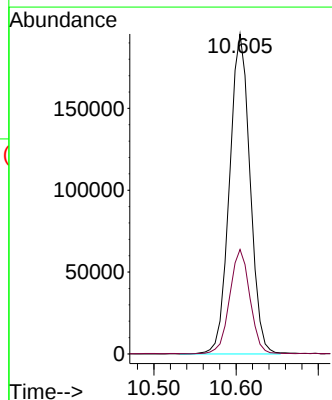
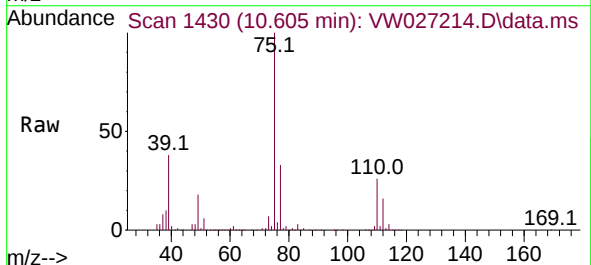
Instrument :
MSVOA_W
ClientSampleId :

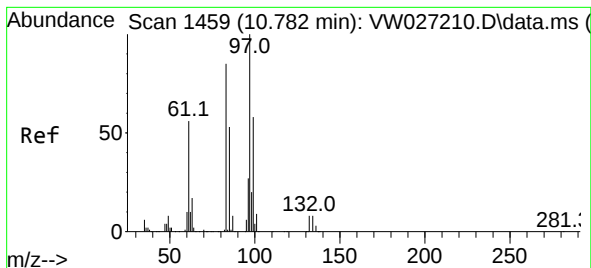
Tgt Ion: 91 Resp: 1121513
Ion Ratio Lower Upper
91 100
92 64.0 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 20.237 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 75 Resp: 339552
Ion Ratio Lower Upper
75 100
77 32.7 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 19.296 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

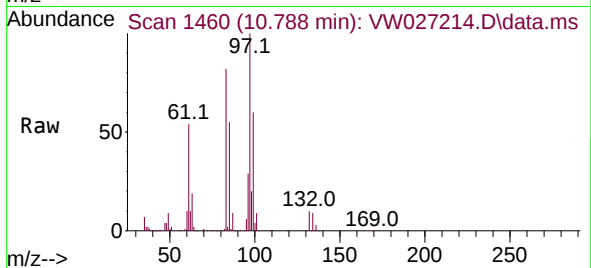
Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 194017

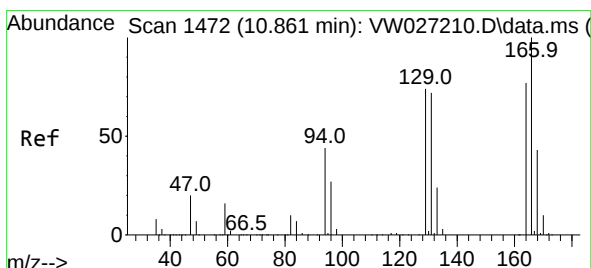
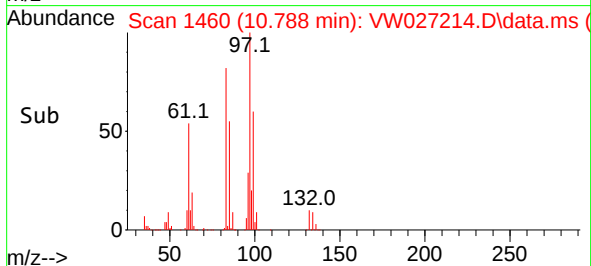
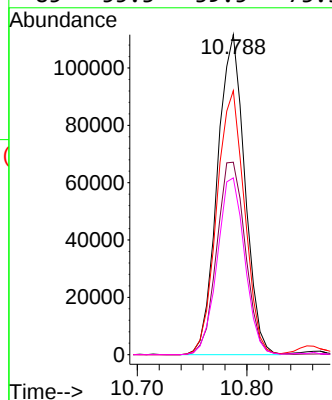
Ion Ratio Lower Upper

97 100

99 60.2 45.3 84.1

83 82.5 59.5 110.5

85 55.3 39.5 73.3



#46

Tetrachloroethene

Concen: 20.680 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Tgt Ion:164 Resp: 228912

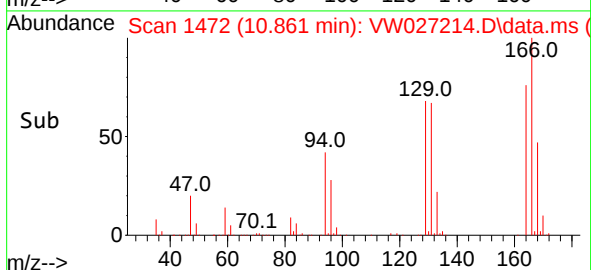
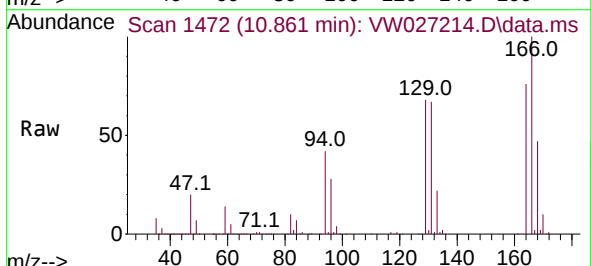
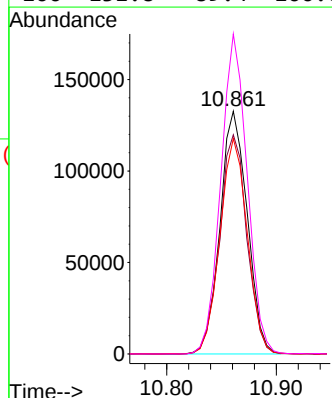
Ion Ratio Lower Upper

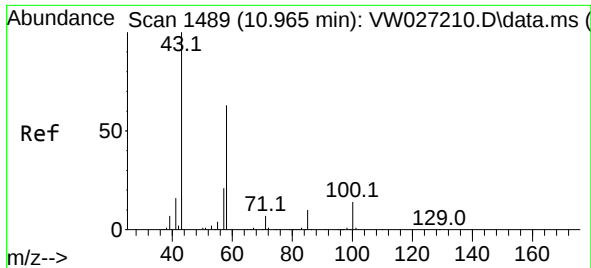
164 100

129 90.3 60.3 112.1

131 88.8 66.1 122.7

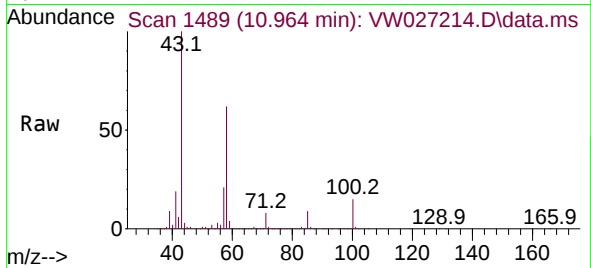
166 131.8 89.4 166.0



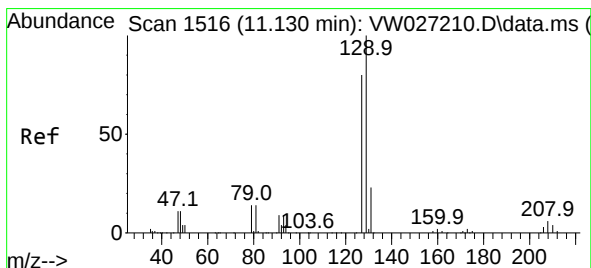
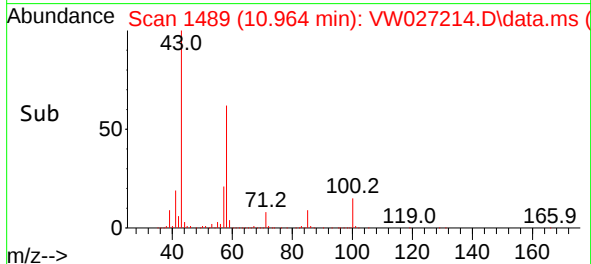
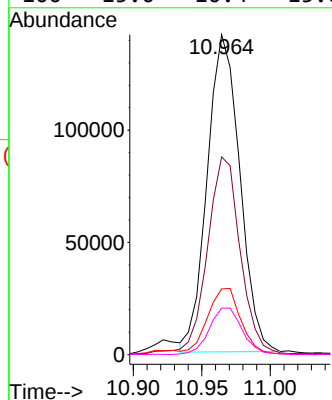


#48
2-Hexanone
Concen: 44.233 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Instrument :
MSVOA_W
ClientSampleId :

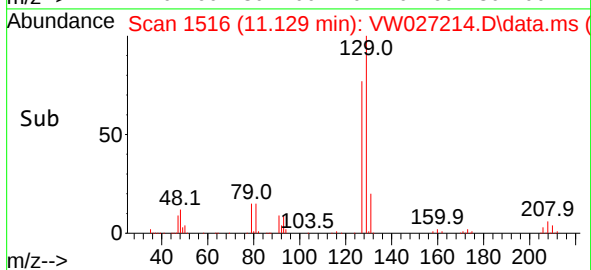
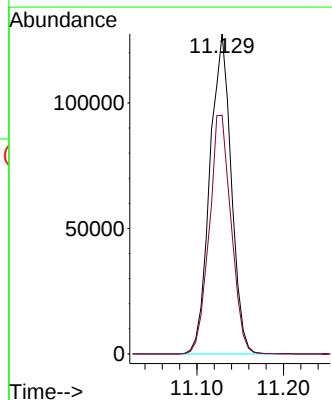
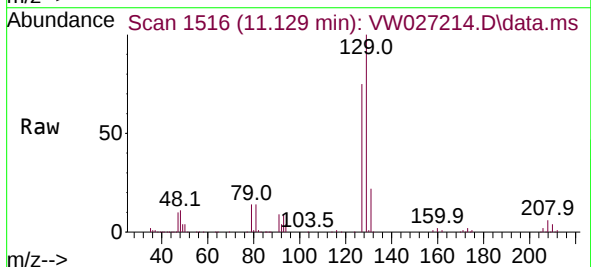


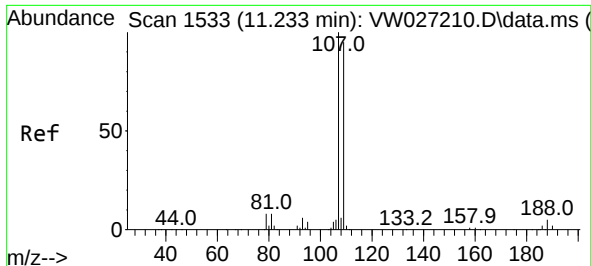
Tgt Ion: 43 Resp: 233745
Ion Ratio Lower Upper
43 100
58 63.6 47.2 70.8
57 21.5 15.9 23.9
100 15.0 10.4 15.6



#49
Dibromochloromethane
Concen: 20.061 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 129 Resp: 218760
Ion Ratio Lower Upper
129 100
127 74.6 54.2 100.6





#50

1,2-Dibromoethane

Concen: 19.299 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :

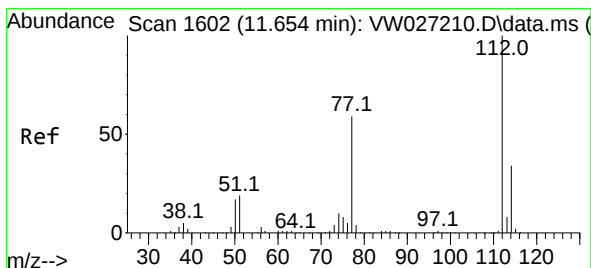
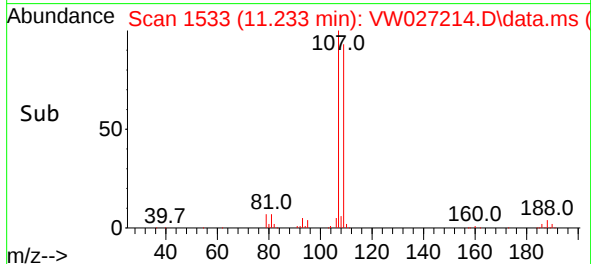
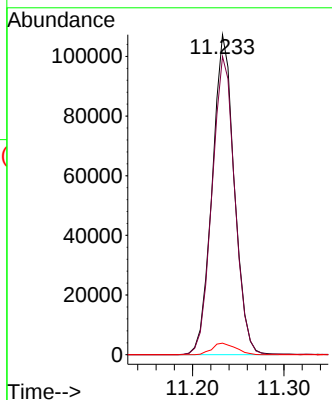
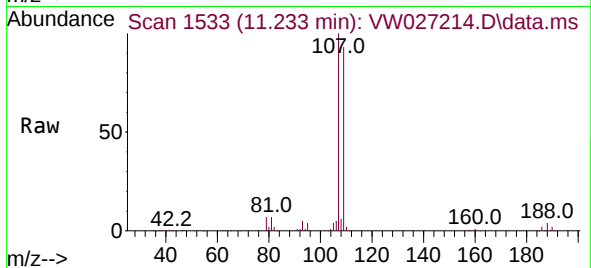
Tgt Ion:107 Resp: 180062

Ion Ratio Lower Upper

107 100

109 93.2 68.2 126.6

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 19.773 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

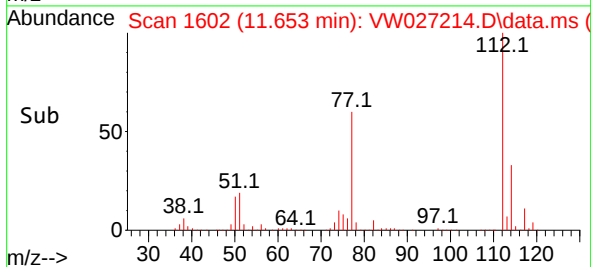
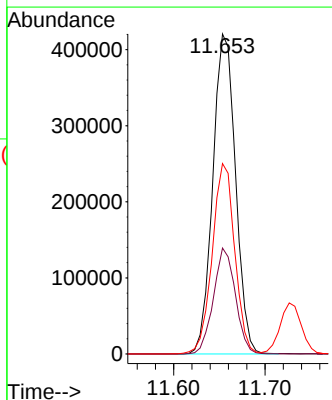
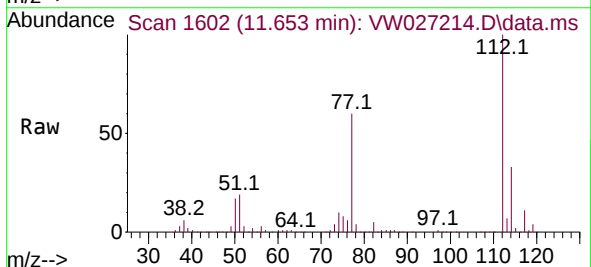
Tgt Ion:112 Resp: 726612

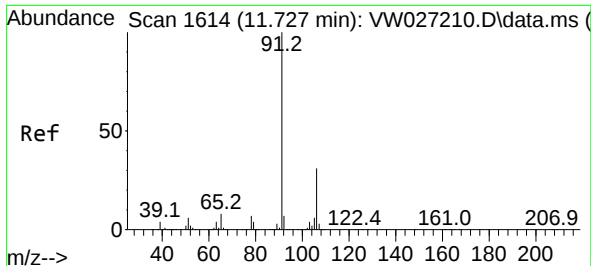
Ion Ratio Lower Upper

112 100

114 33.1 21.9 40.7

77 59.5 47.4 71.0

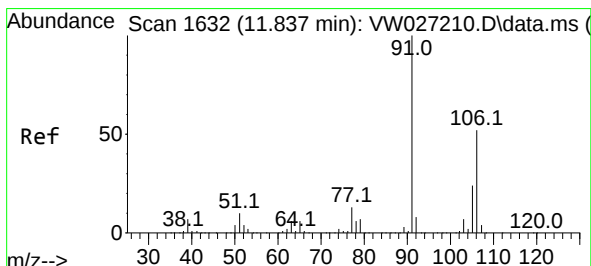
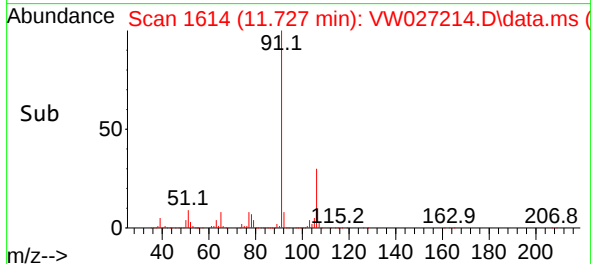
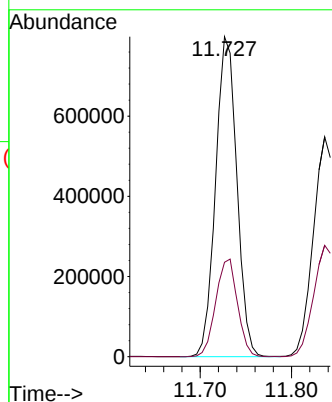
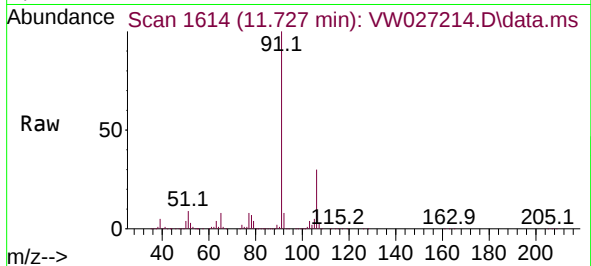




#52
Ethylbenzene
Concen: 20.755 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

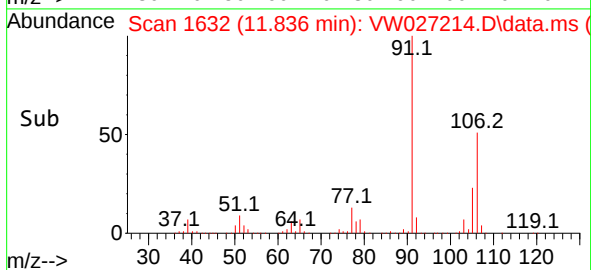
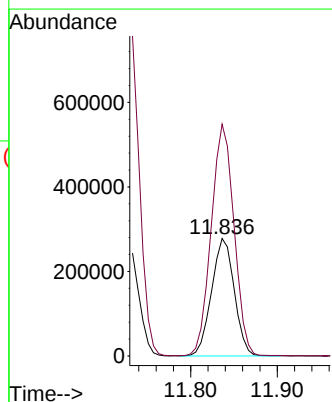
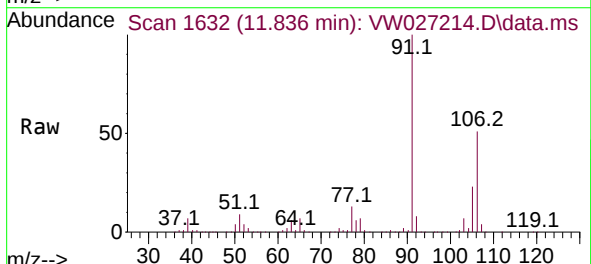
Instrument :
MSVOA_W
ClientSampleId :

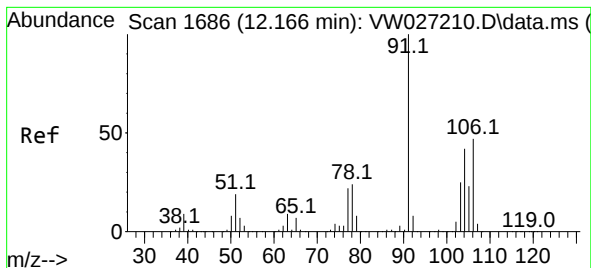
Tgt Ion: 91 Resp: 1291213
Ion Ratio Lower Upper
91 100
106 29.5 21.8 40.6



#53
m,p-Xylene
Concen: 21.249 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion:106 Resp: 506872
Ion Ratio Lower Upper
106 100
91 197.4 145.9 270.9





#54

o-Xylene

Concen: 21.641 ug/L

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

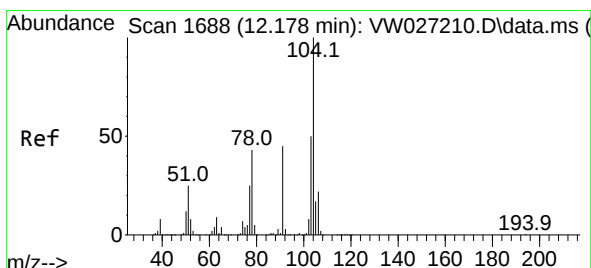
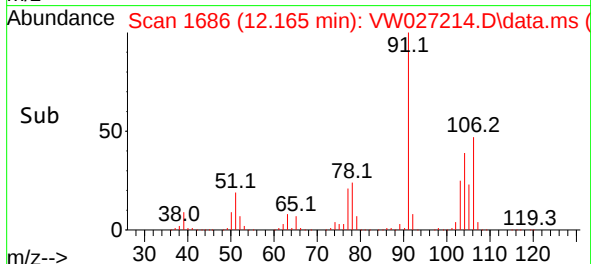
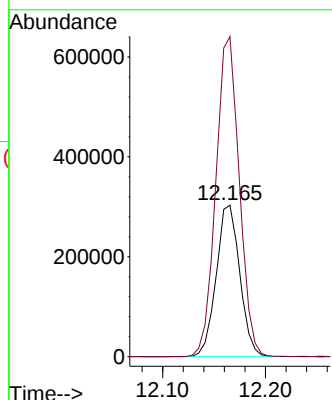
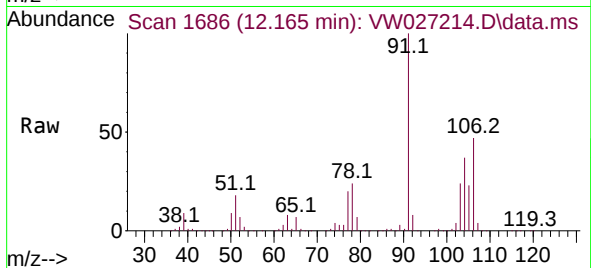
ClientSampleId :

Tgt Ion:106 Resp: 482240

Ion Ratio Lower Upper

106 100

91 211.1 149.5 277.7



#55

Styrene

Concen: 21.381 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027214.D

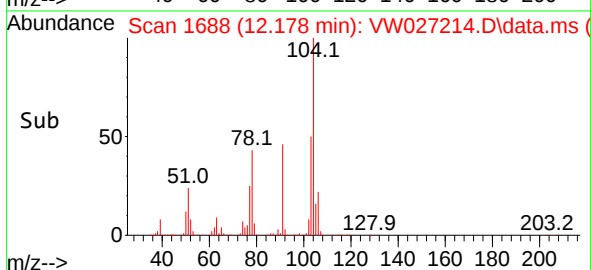
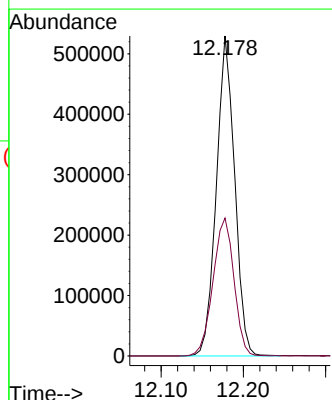
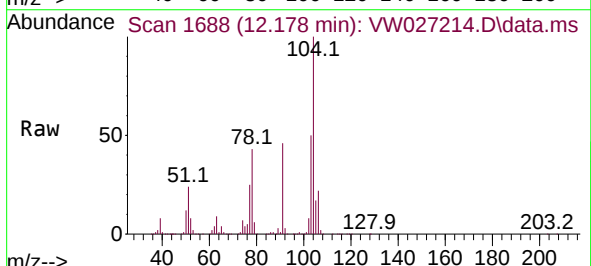
Acq: 04 Oct 2023 12:29

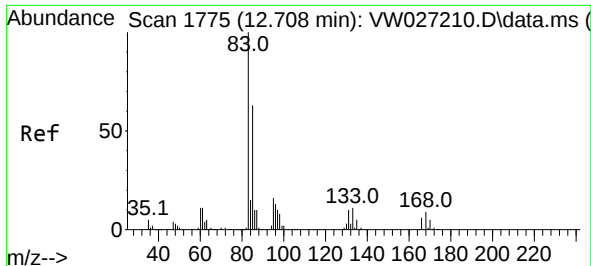
Tgt Ion:104 Resp: 820135

Ion Ratio Lower Upper

104 100

78 43.1 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 18.780 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :

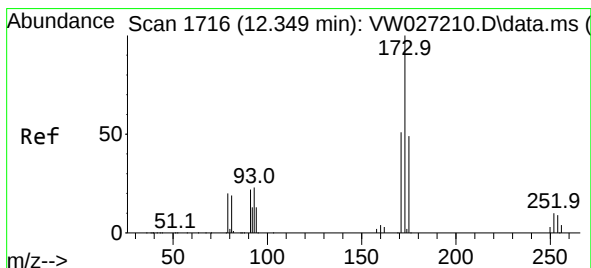
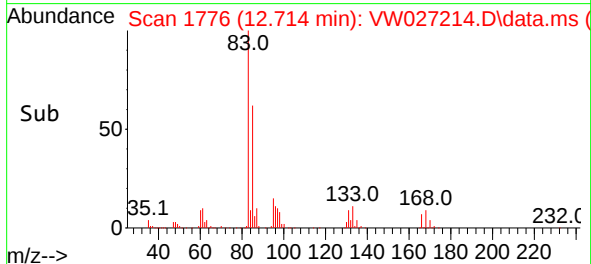
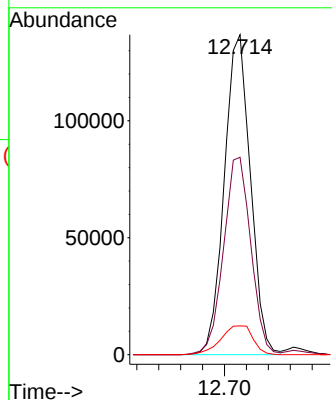
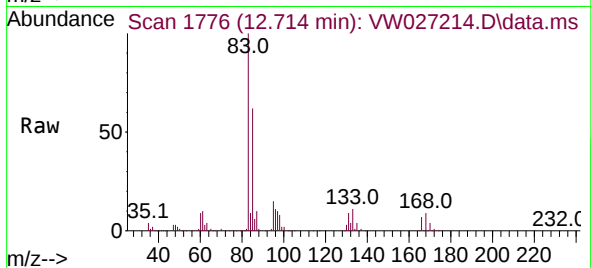
Tgt Ion: 83 Resp: 226494

Ion Ratio Lower Upper

83 100

85 61.7 43.5 80.7

131 9.0 7.6 11.4



#59

Bromoform

Concen: 19.631 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

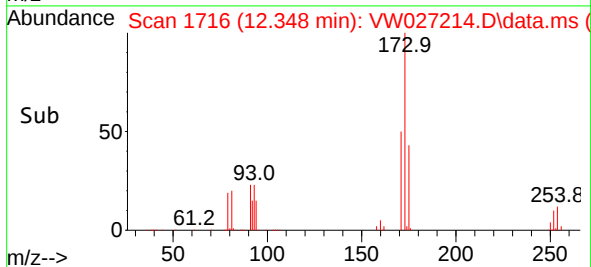
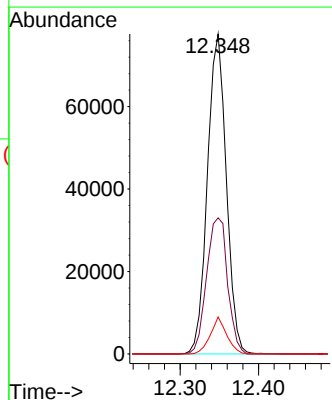
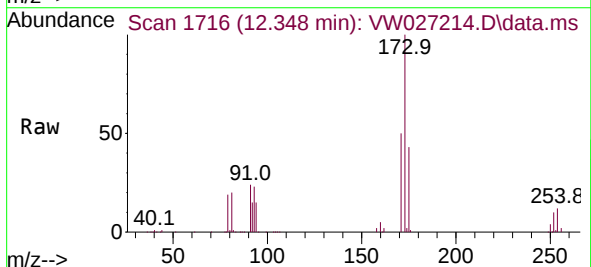
Tgt Ion: 173 Resp: 129794

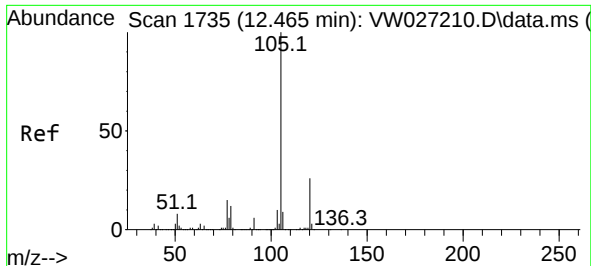
Ion Ratio Lower Upper

173 100

175 47.3 37.1 55.7

254 10.0 7.2 10.8

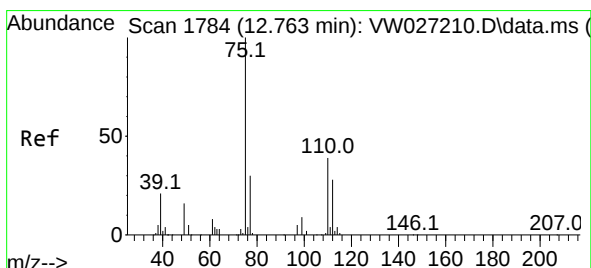
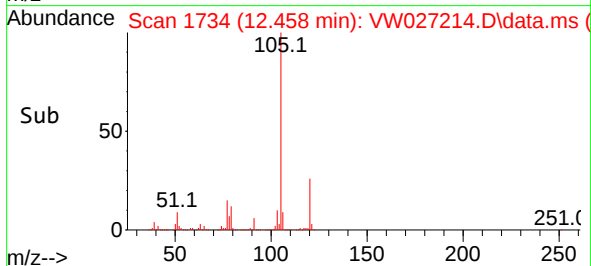
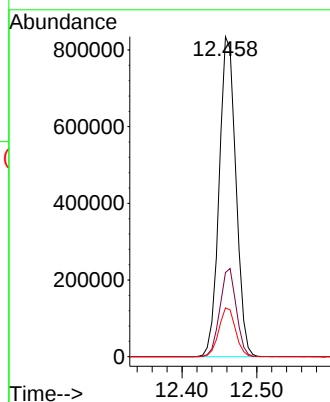
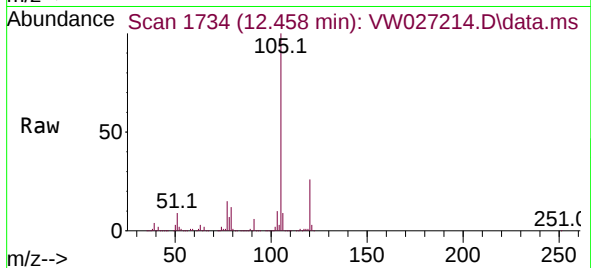




#60
Isopropylbenzene
Concen: 21.110 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

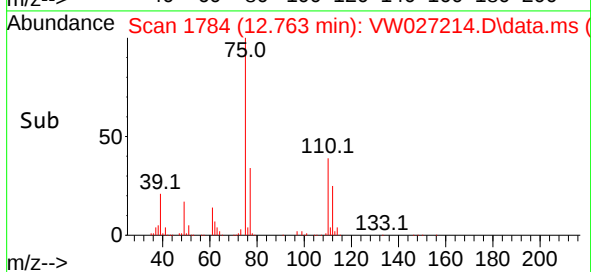
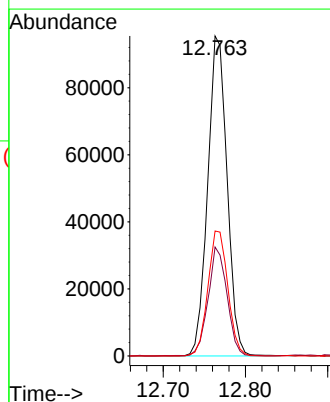
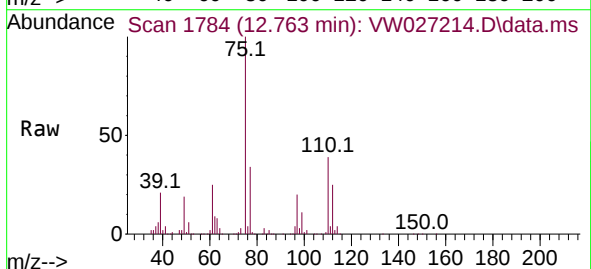
Instrument :
MSVOA_W
ClientSampleId :

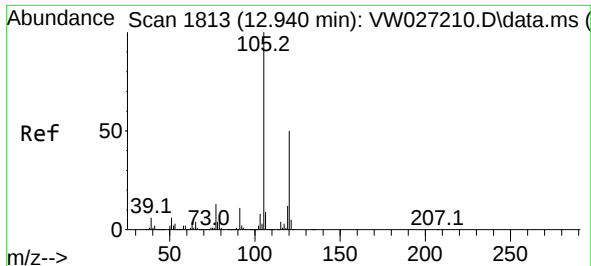
Tgt Ion:105 Resp: 1301566
Ion Ratio Lower Upper
105 100
120 27.0 21.0 31.6
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 18.256 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion: 75 Resp: 156490
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 40.1 31.2 46.8

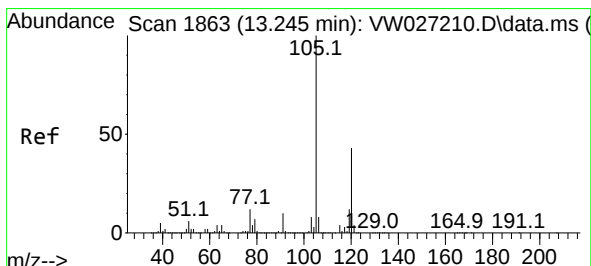
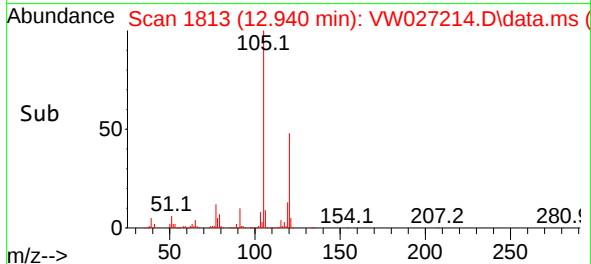
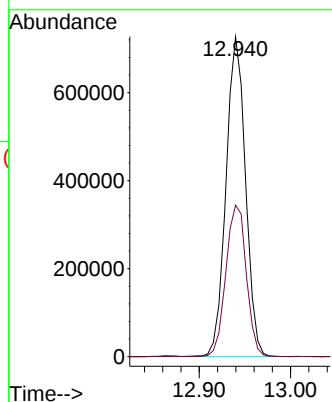
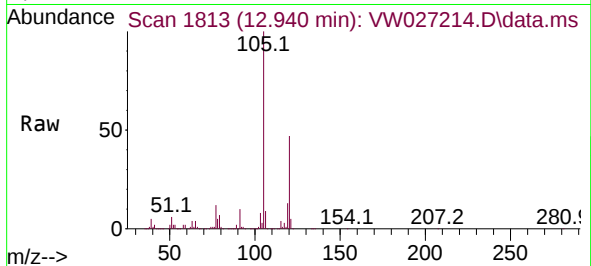




#62
1,3,5-Trimethylbenzene
Concen: 22.278 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

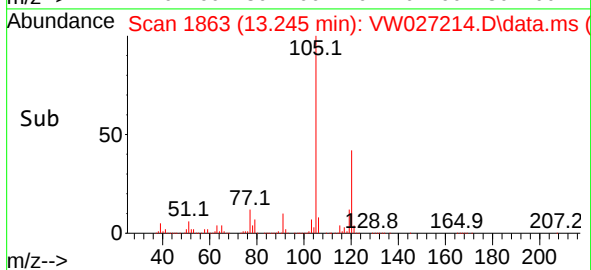
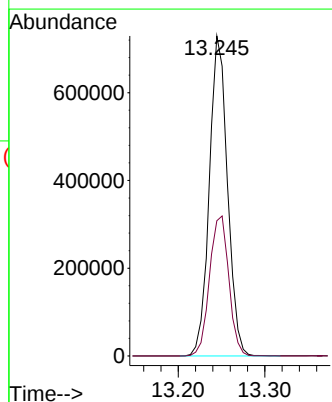
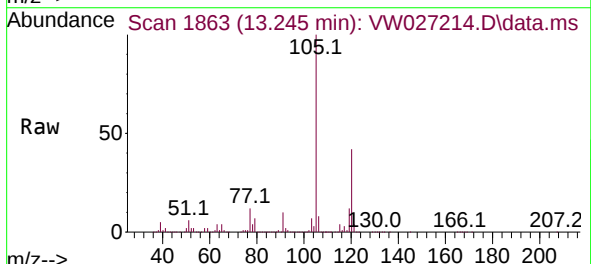
Instrument :
MSVOA_W
ClientSampleId :

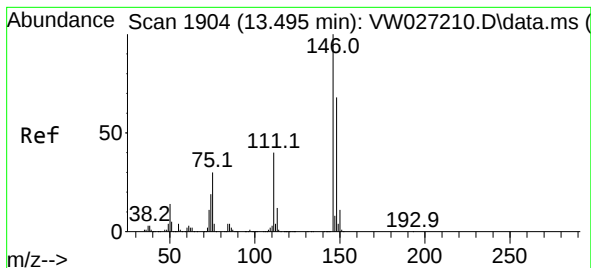
Tgt Ion:105 Resp: 1076902
Ion Ratio Lower Upper
105 100
120 49.8 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 22.410 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion:105 Resp: 1061579
Ion Ratio Lower Upper
105 100
120 46.4 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 20.437 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :

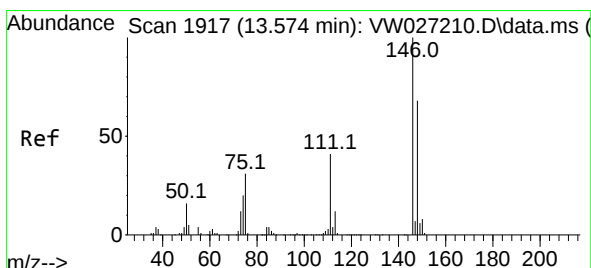
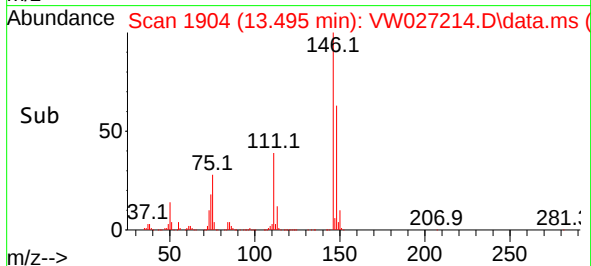
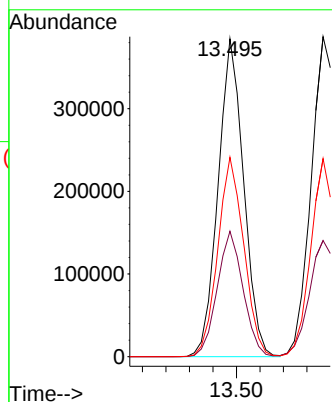
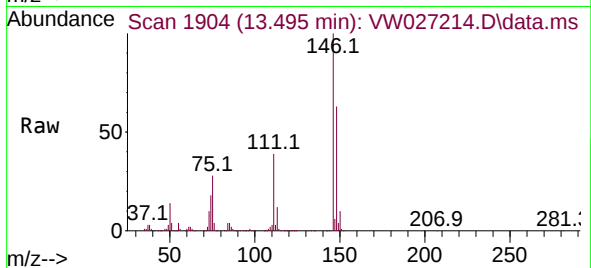
Tgt Ion:146 Resp: 581547

Ion Ratio Lower Upper

146 100

111 39.4 26.9 50.1

148 62.7 43.3 80.5



#65

1,4-Dichlorobenzene

Concen: 20.880 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

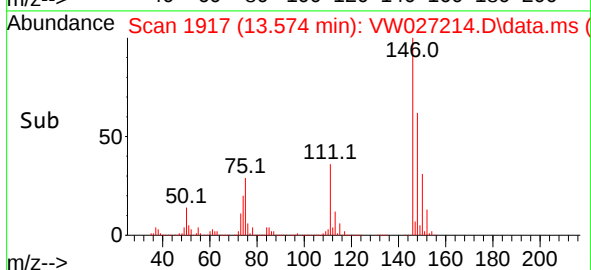
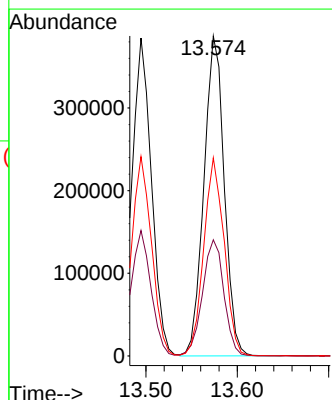
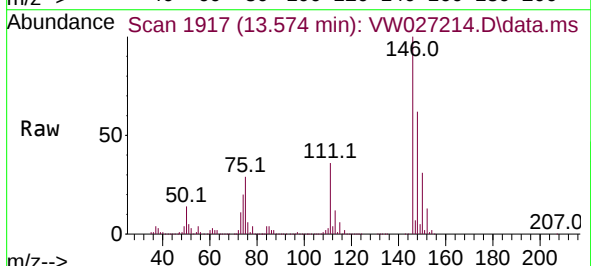
Tgt Ion:146 Resp: 596944

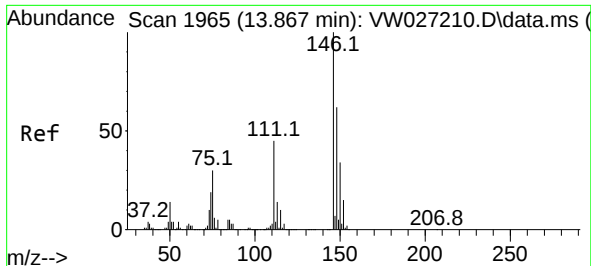
Ion Ratio Lower Upper

146 100

111 36.3 26.9 50.1

148 61.9 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 19.516 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :

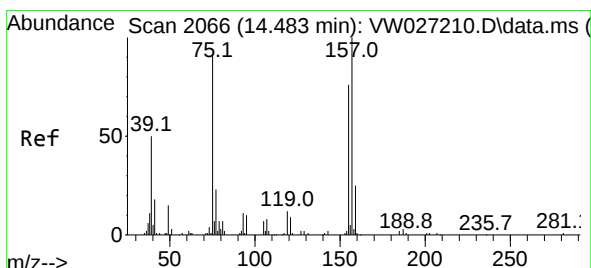
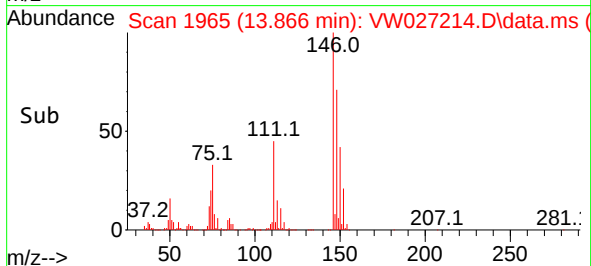
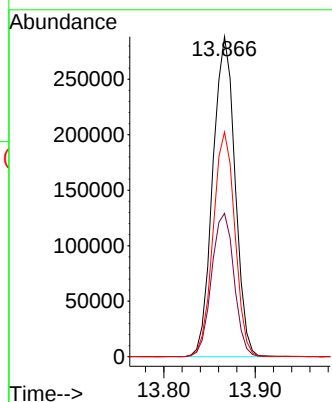
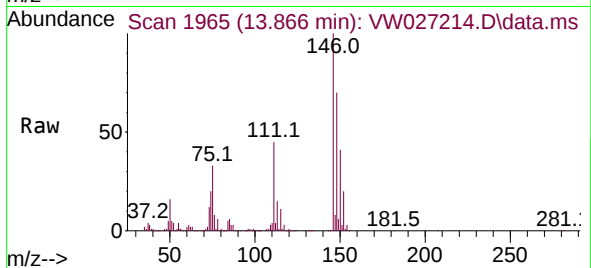
Tgt Ion:146 Resp: 486768

Ion Ratio Lower Upper

146 100

111 44.8 35.6 53.4

148 70.2 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 18.632 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

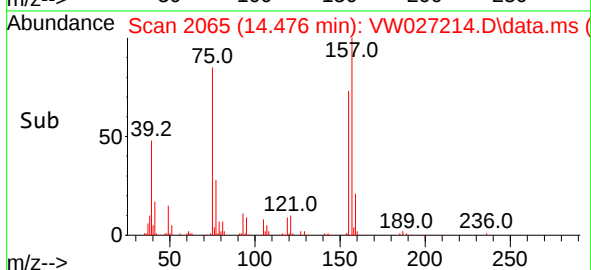
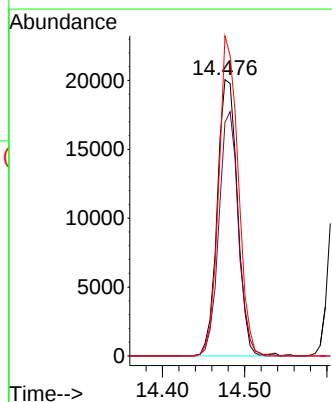
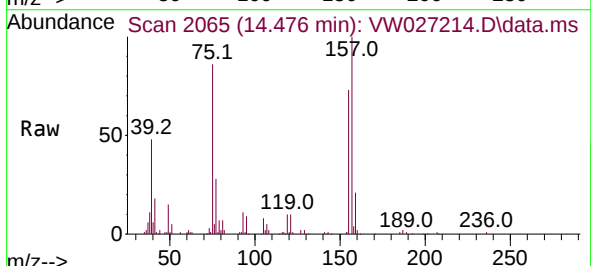
Tgt Ion: 75 Resp: 34211

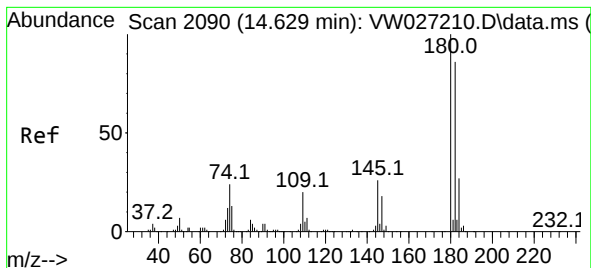
Ion Ratio Lower Upper

75 100

155 84.6 56.5 84.7

157 115.8 75.9 113.9#





#69

1,3,5-Trichlorobenzene

Concen: 20.758 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.007 min

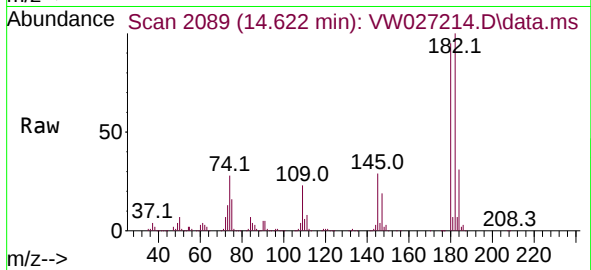
Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 380364

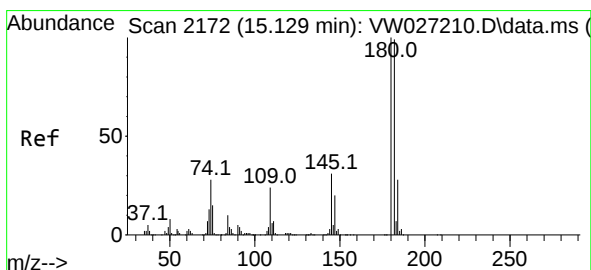
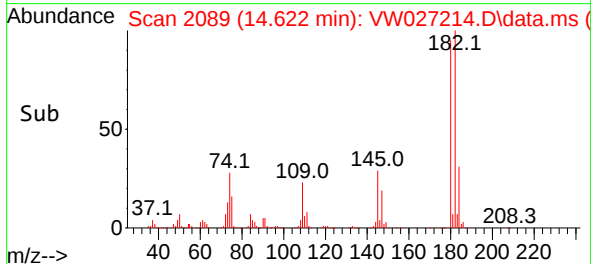
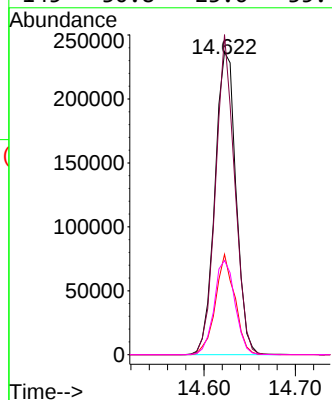
Ion Ratio Lower Upper

180 100

182 95.3 70.2 105.2

184 30.4 24.6 37.0

145 30.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 21.898 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.007 min

Lab File: VW027214.D

Acq: 04 Oct 2023 12:29

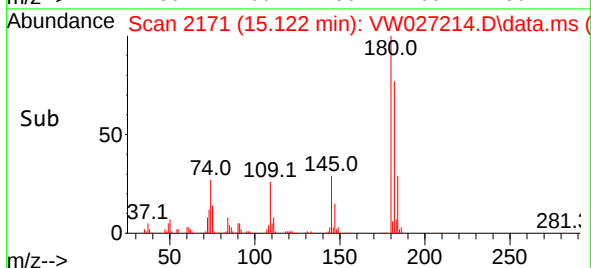
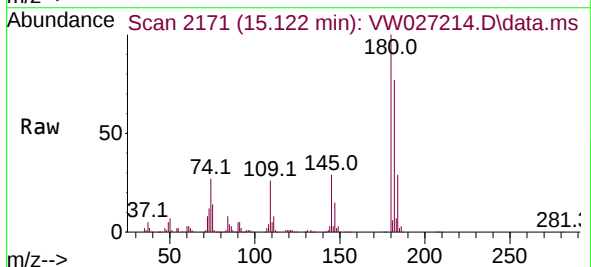
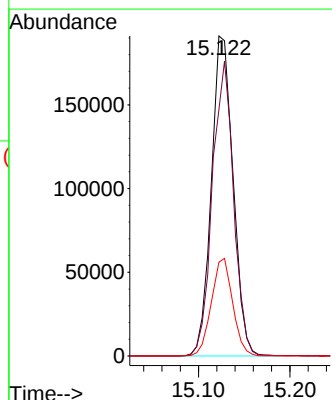
Tgt Ion:180 Resp: 316562

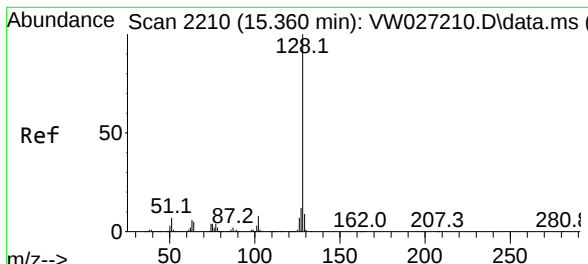
Ion Ratio Lower Upper

180 100

182 89.8 77.4 116.2

145 29.8 24.3 36.5

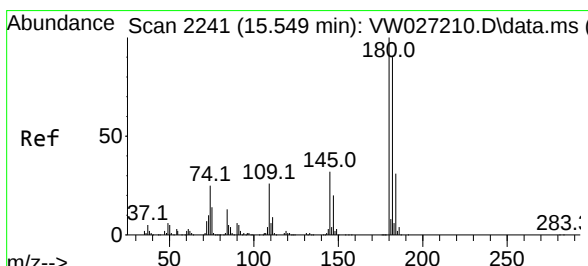
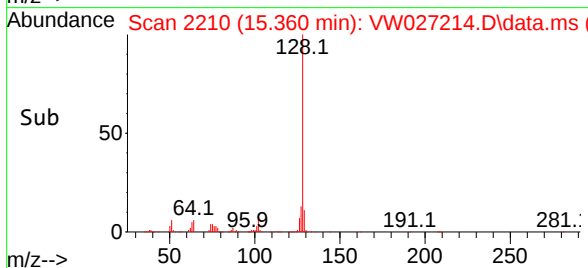
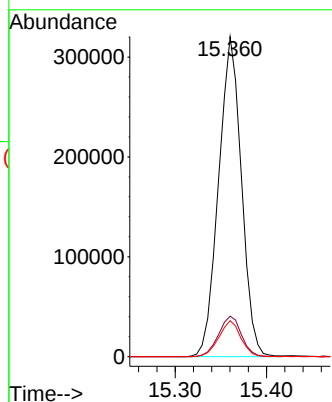
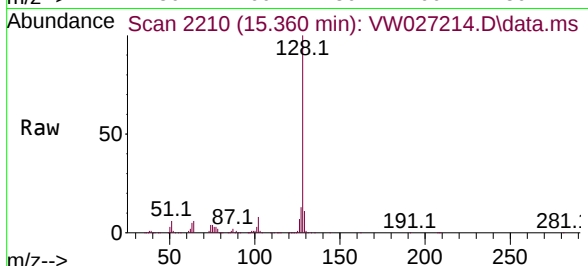




#71
Naphthalene
Concen: 21.840 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 557076
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 20.801 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027214.D
Acq: 04 Oct 2023 12:29

Tgt Ion:180 Resp: 266931
Ion Ratio Lower Upper
180 100
182 95.4 74.7 112.1
145 33.1 26.4 39.6

