

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100623\
 Data File : VW027251.D
 Acq On : 06 Oct 2023 09:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 00:19:25 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	787838	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	782570	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	435605	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	266512	21.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.120%
7) Chloroethane-d5	2.899	69	215300	22.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.040%
11) 1,1-Dichloroethene-d2	4.021	65	104954	20.408	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.640%
21) 2-Butanone-d5	7.075	46	130834	51.129	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.260%
24) Chloroform-d	7.648	84	499771	21.675	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.680%
26) 1,2-Dichloroethane-d4	8.307	65	241955	21.896	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.276	84	1007553	21.008	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.040%
36) 1,2-Dichloropropane-d6	9.276	67	310647	21.635	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.520%
41) Toluene-d8	10.325	98	892140	21.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.320%
43) trans-1,3-Dichloroprop...	10.575	79	120091	21.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.240%
47) 2-Hexanone-d5	10.922	63	114787	52.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	272792	24.825	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	307000	21.020	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	248282	24.253	ug/L	96
3) Chloromethane	2.229	50	374827	27.126	ug/L	96
5) Vinyl chloride	2.381	62	414633	27.483	ug/L	100
6) Bromomethane	2.789	94	253157	25.470	ug/L	93
8) Chloroethane	2.936	64	252216	27.545	ug/L	96
9) Trichlorofluoromethane	3.265	101	277674	21.899	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	335486	26.297	ug/L	94
12) 1,1-Dichloroethene	4.045	96	307303	25.213	ug/L	97
13) Acetone	4.119	43	217772	68.870	ug/L	98
14) Carbon disulfide	4.393	76	966919	23.636	ug/L	99
15) Methyl Acetate	4.667	43	145168	27.391	ug/L	97
16) Methylene chloride	4.917	84	368503	23.894	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	327742	24.992	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	427105	26.025	ug/L	99
19) 1,1-Dichloroethane	6.216	63	629947	25.758	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	352309	25.202	ug/L	96
22) 2-Butanone	7.167	43	248269	63.484	ug/L	97
23) Bromochloromethane	7.514	128	159029	24.931	ug/L	98
25) Chloroform	7.679	83	614789	25.774	ug/L	100

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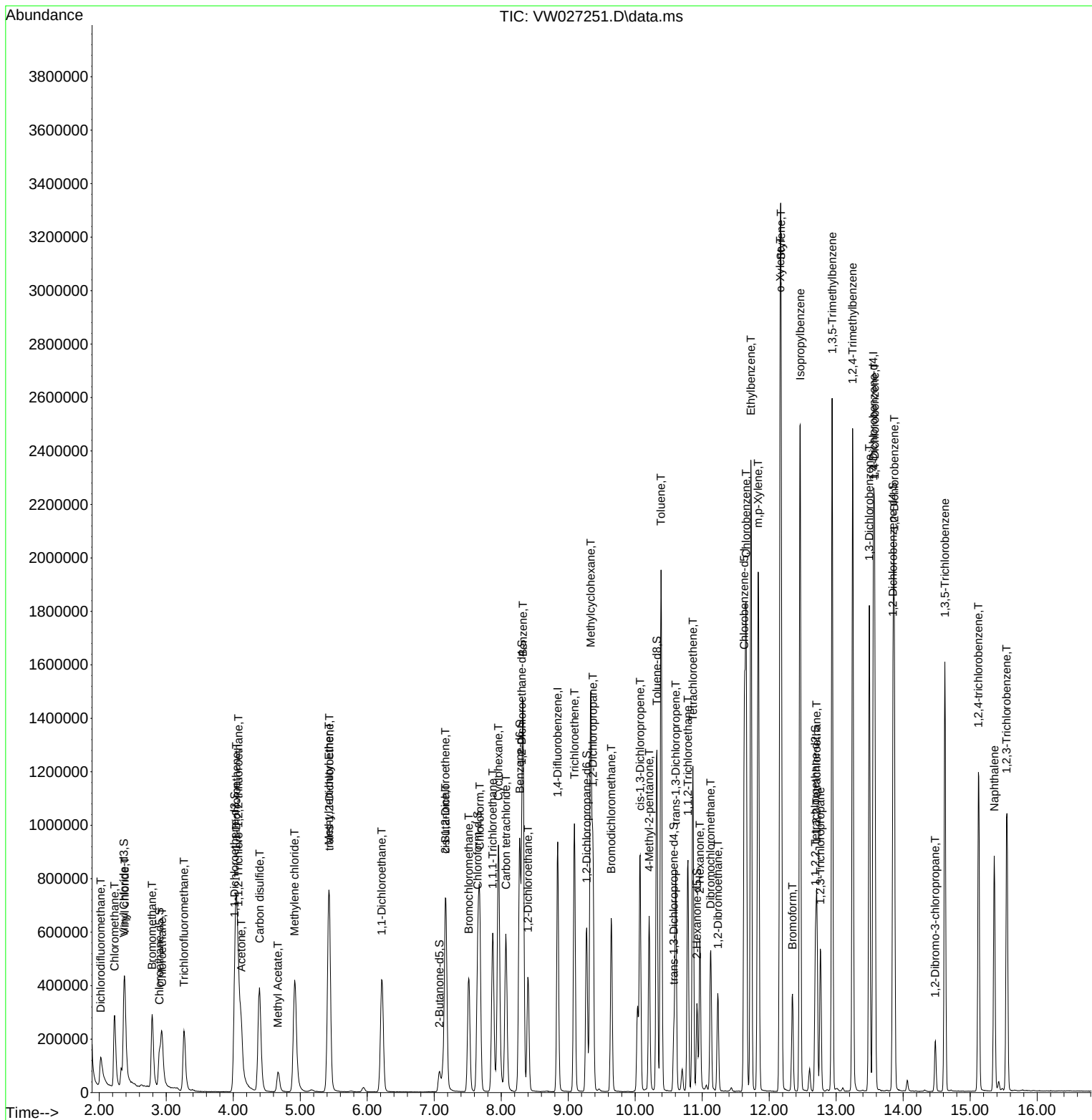
Instrument :
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 ClientSampleId :

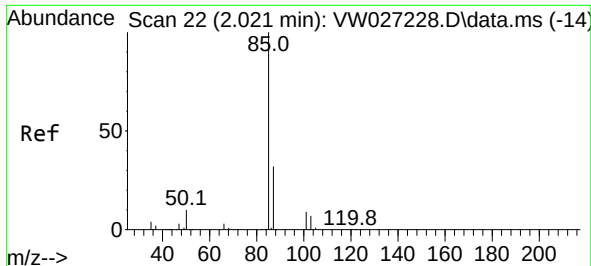
Quant Time: Oct 07 00:19:25 2023
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 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	379972	26.004	ug/L	99
29) Cyclohexane	7.959	56	531103	25.509	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	482533	24.804	ug/L	97
31) Carbon tetrachloride	8.069	117	440691	23.984	ug/L	99
33) Benzene	8.325	78	1397263	25.262	ug/L	100
34) Trichloroethene	9.093	95	353304	24.460	ug/L	95
35) Methylcyclohexane	9.337	83	619596	25.504	ug/L	98
37) 1,2-Dichloropropane	9.368	63	373025	26.174	ug/L	99
38) Bromodichloromethane	9.642	83	435394	25.436	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	541308	25.777	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	418230	60.489	ug/L	99
42) Toluene	10.386	91	1470048	25.880	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	460661	26.766	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	279303	27.081	ug/L	98
46) Tetrachloroethene	10.861	164	279996	24.660	ug/L	96
48) 2-Hexanone	10.965	43	352016	64.942	ug/L	99
49) Dibromochloromethane	11.123	129	286491	25.613	ug/L	97
50) 1,2-Dibromoethane	11.233	107	254020	26.542	ug/L	96
51) Chlorobenzene	11.654	112	954683	25.327	ug/L	97
52) Ethylbenzene	11.727	91	1652138	25.890	ug/L	96
53) m,p-Xylene	11.837	106	634342	25.925	ug/L	93
54) o-Xylene	12.166	106	591592	25.882	ug/L	92
55) Styrene	12.178	104	1067964	27.143	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	343923	27.801	ug/L	99
59) Bromoform	12.349	173	171407	24.919	ug/L	99
60) Isopropylbenzene	12.465	105	1613657	25.157	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	239273	26.830	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	1337929	26.604	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	1295770	26.292	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	710980	24.016	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	747773	25.141	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	671831	25.890	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	49777	26.057	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	496089	26.023	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	399322	26.551	ug/L	96
71) Naphthalene	15.360	128	734276	27.670	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	352916	26.434	ug/L	93

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

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Response via : Initial Calibration

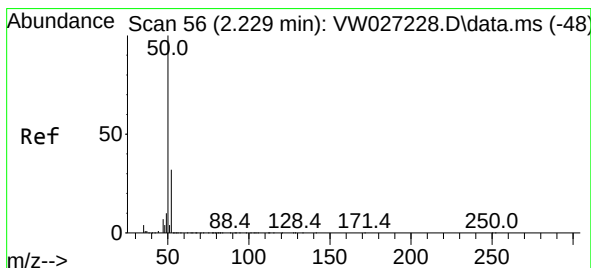
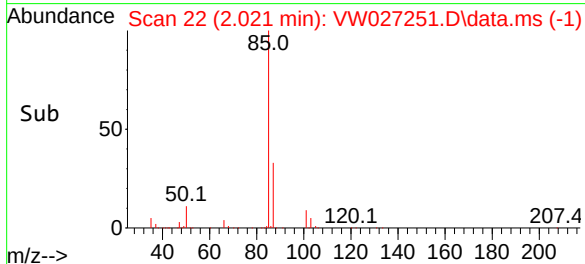
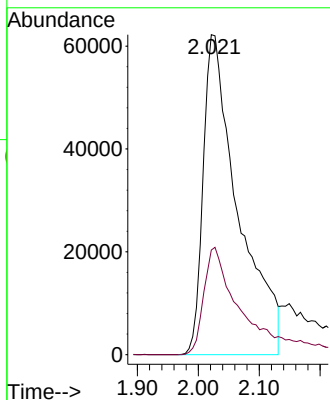
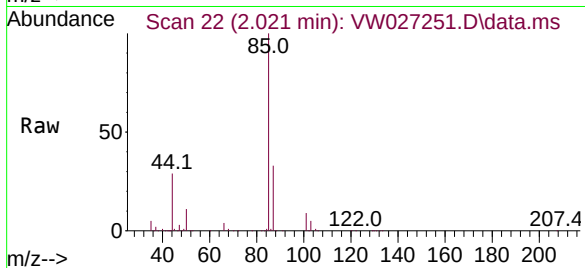




#2
 Dichlorodifluoromethane
 Concen: 24.253 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027251.D
 Acq: 06 Oct 2023 09:40

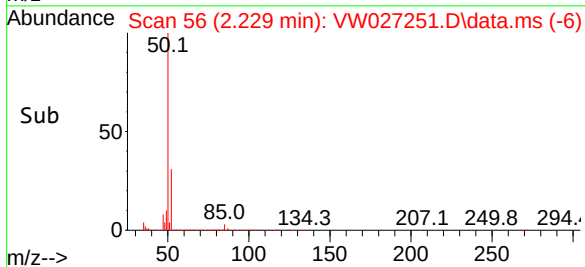
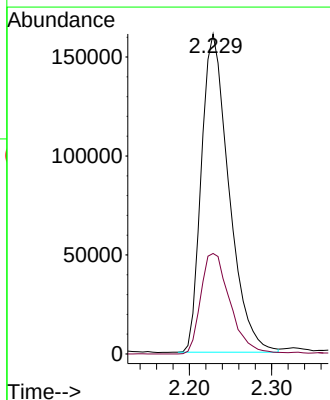
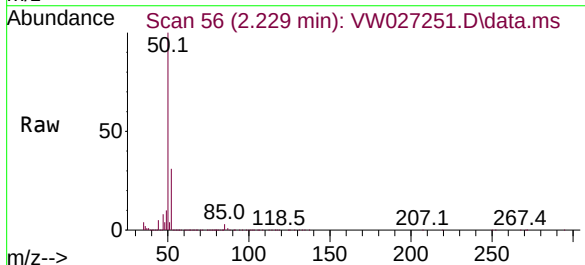
Instrument :
 MSVOA_W
 ClientSampleId :

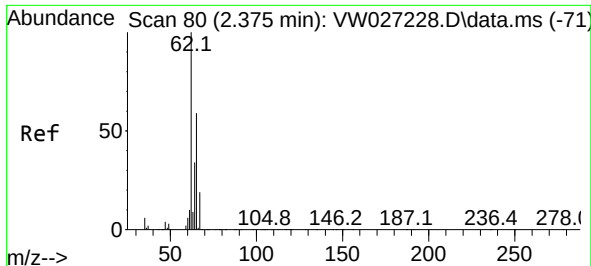
Tgt Ion: 85 Resp: 248282
 Ion Ratio Lower Upper
 85 100
 87 29.6 22.1 33.1



#3
 Chloromethane
 Concen: 27.126 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027251.D
 Acq: 06 Oct 2023 09:40

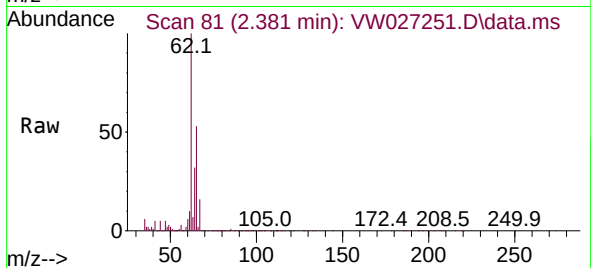
Tgt Ion: 50 Resp: 374827
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.5 43.7



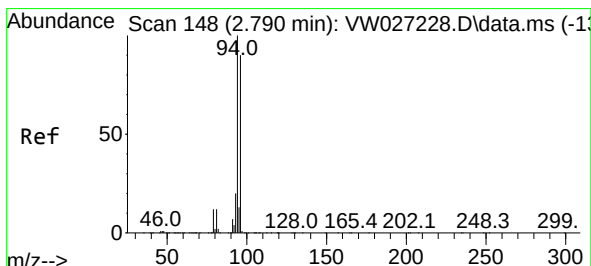
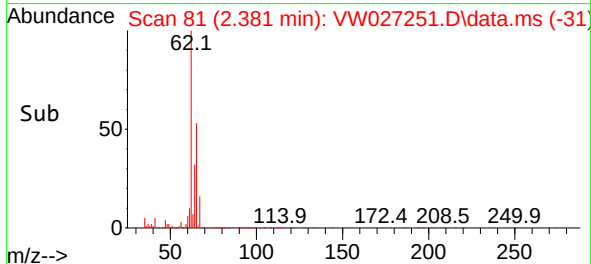
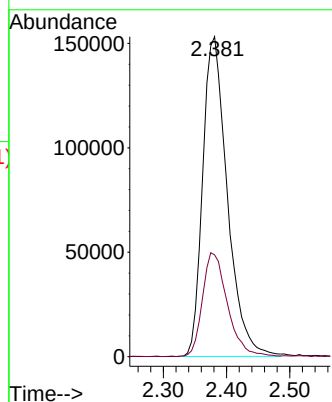


#5
 Vinyl chloride
 Concen: 27.483 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027251.D
 Acq: 06 Oct 2023 09:40

Instrument :
 MSVOA_W
 ClientSampleId :

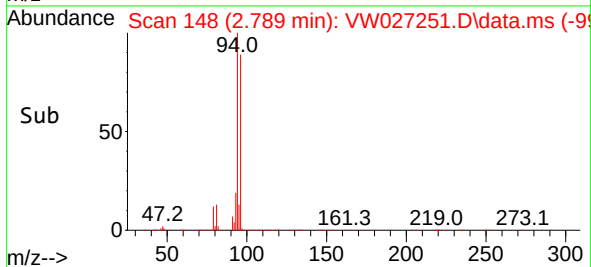
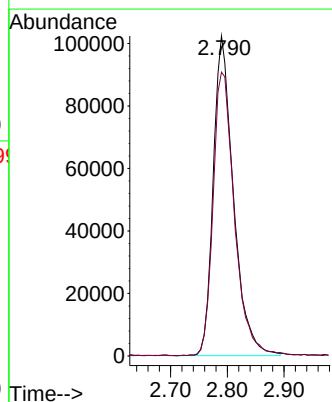
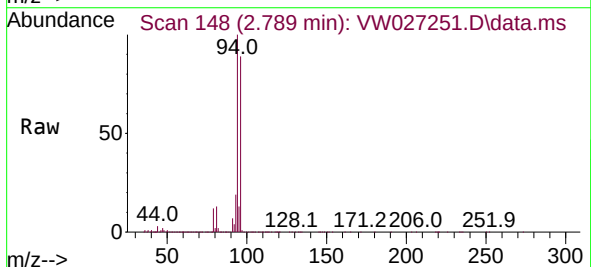


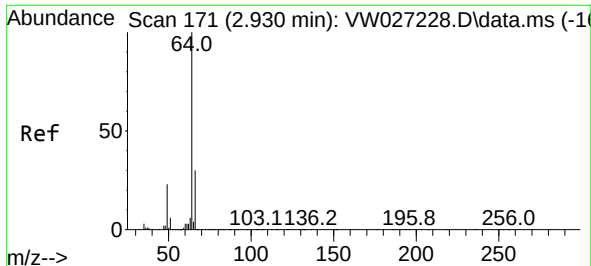
Tgt Ion: 62 Resp: 414633
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.2 41.2



#6
 Bromomethane
 Concen: 25.470 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027251.D
 Acq: 06 Oct 2023 09:40

Tgt Ion: 94 Resp: 253157
 Ion Ratio Lower Upper
 94 100
 96 88.7 66.8 124.0

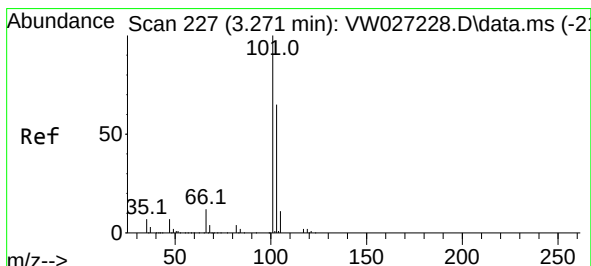
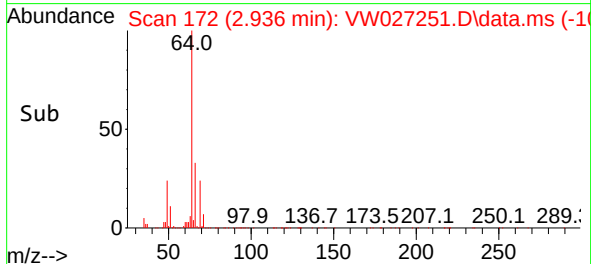
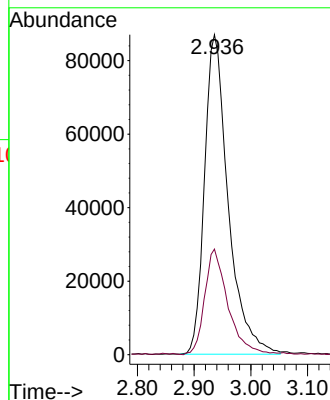
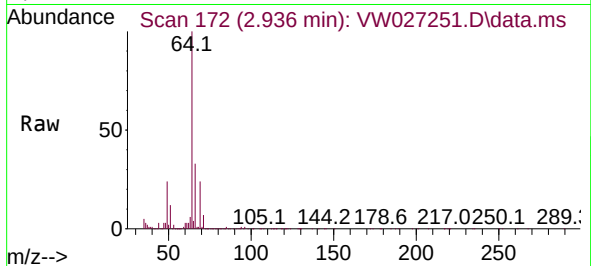




#8
Chloroethane
Concen: 27.545 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

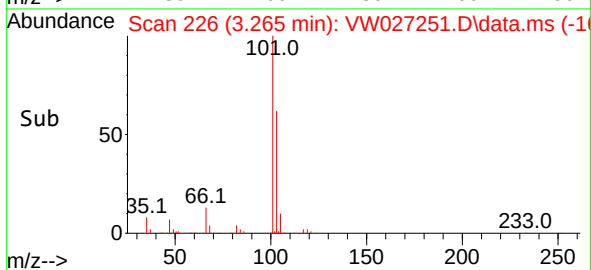
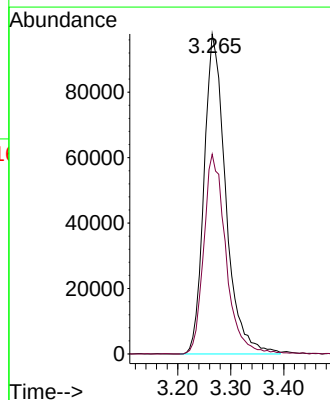
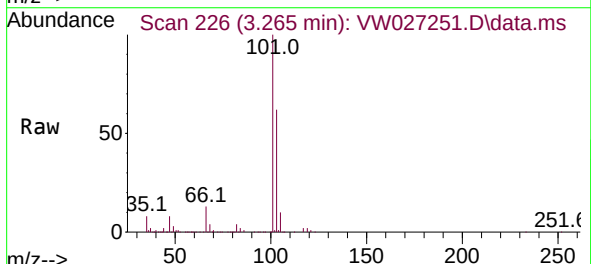
Instrument :
MSVOA_W
ClientSampleId :

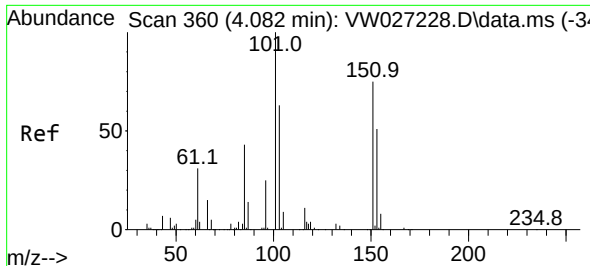
Tgt Ion: 64 Resp: 252216
Ion Ratio Lower Upper
64 100
66 33.0 21.5 39.9



#9
Trichlorofluoromethane
Concen: 21.899 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion: 101 Resp: 277674
Ion Ratio Lower Upper
101 100
103 63.6 52.0 78.0

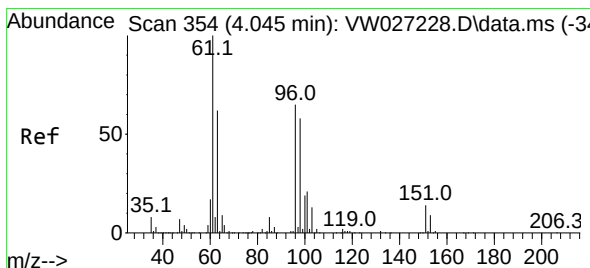
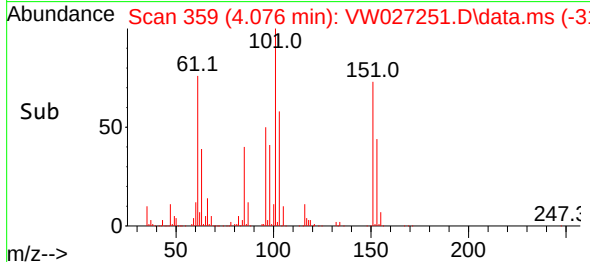
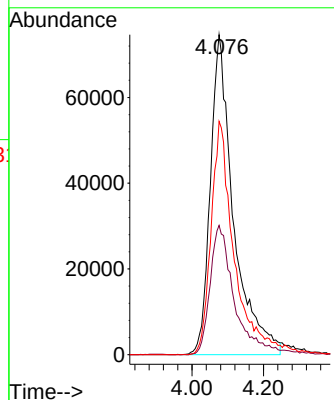
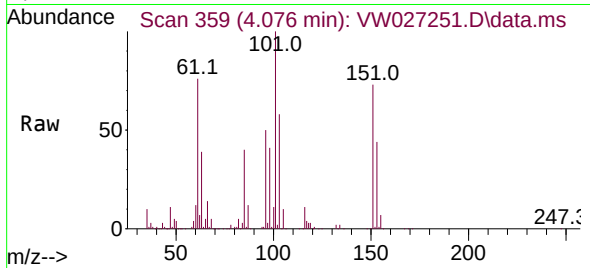




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.297 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW027251.D
 Acq: 06 Oct 2023 09:40

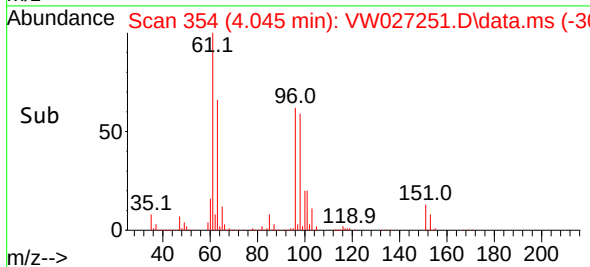
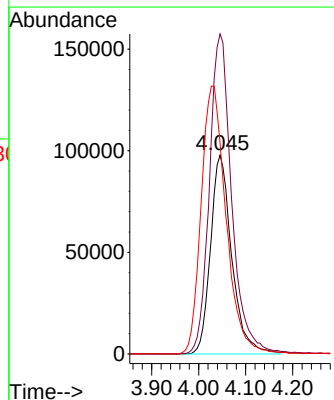
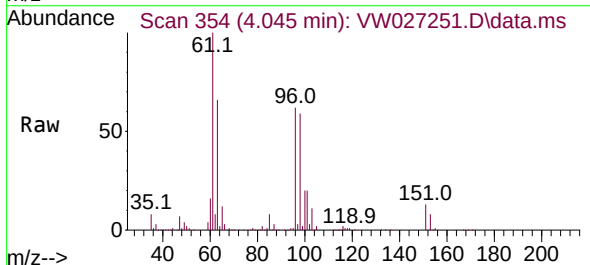
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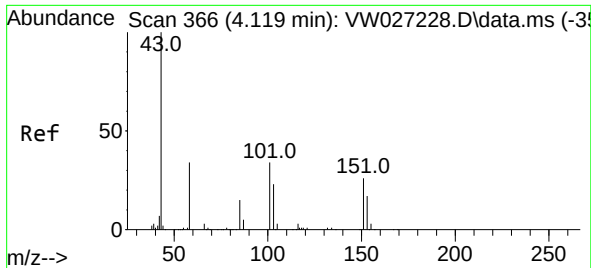
Tgt Ion:101 Resp: 335486
 Ion Ratio Lower Upper
 101 100
 85 40.2 33.1 49.7
 151 66.8 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 25.213 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027251.D
 Acq: 06 Oct 2023 09:40

Tgt Ion: 96 Resp: 307303
 Ion Ratio Lower Upper
 96 100
 61 161.0 109.8 204.0
 63 106.2 76.9 142.7





#13

Acetone

Concen: 68.870 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

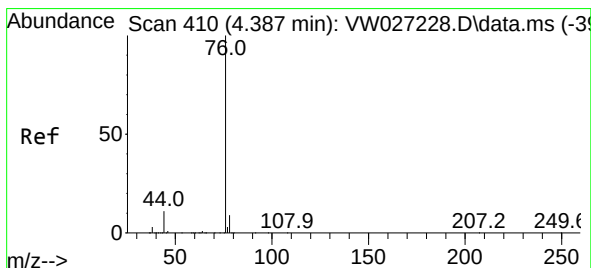
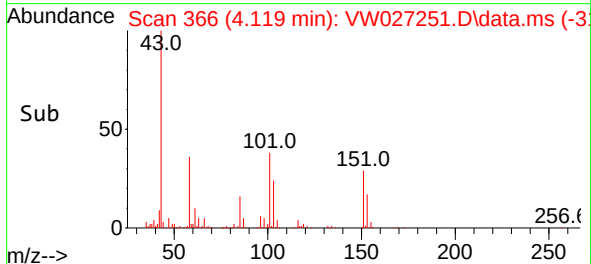
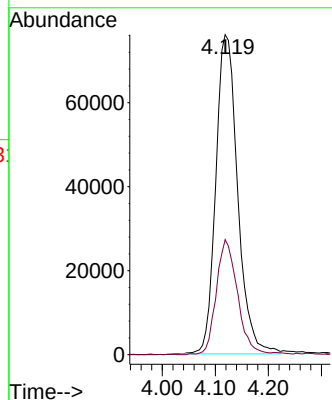
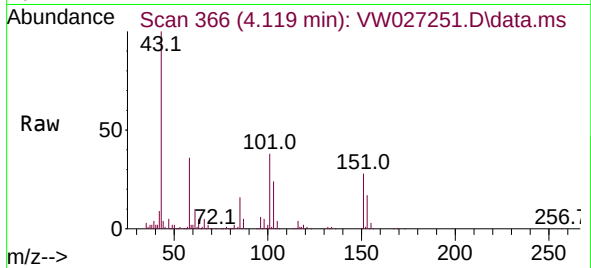
ClientSampleId :

Tgt Ion: 43 Resp: 217772

Ion Ratio Lower Upper

43 100

58 34.2 0.0 70.4



#14

Carbon disulfide

Concen: 23.636 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW027251.D

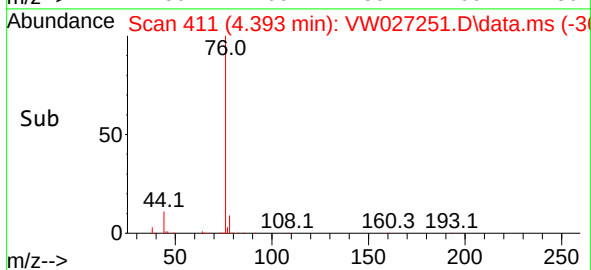
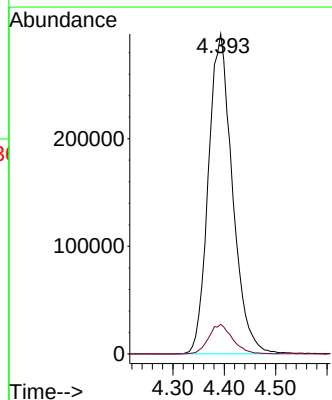
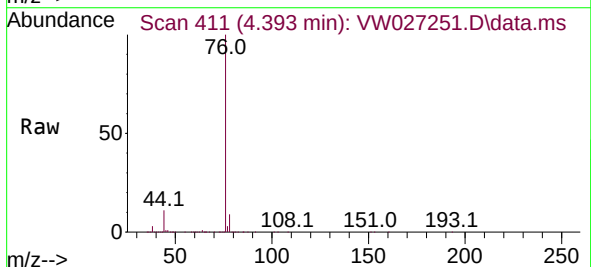
Acq: 06 Oct 2023 09:40

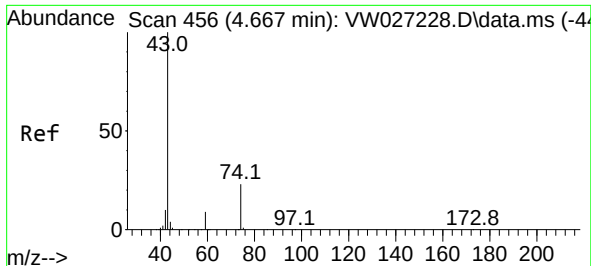
Tgt Ion: 76 Resp: 966919

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

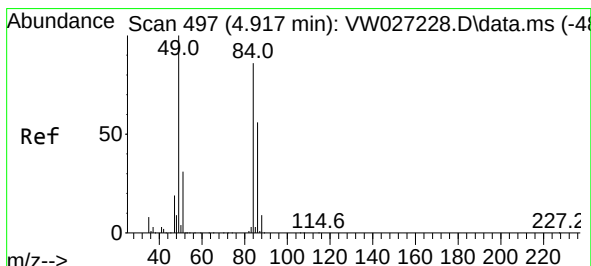
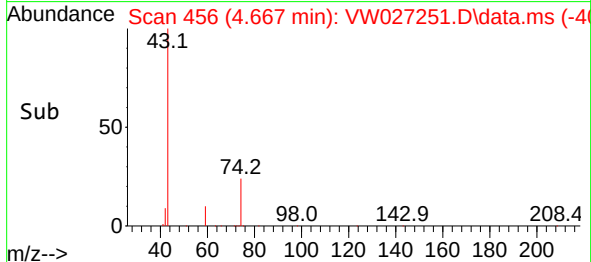
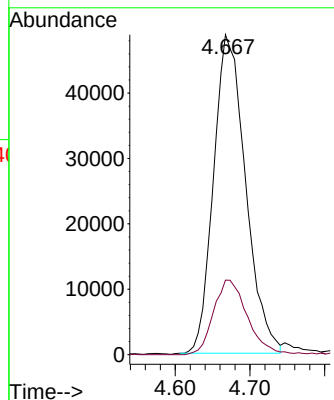
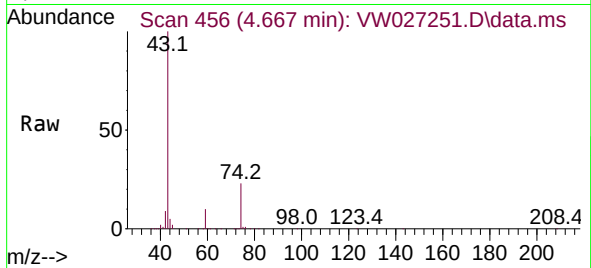




#15
Methyl Acetate
Concen: 27.391 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

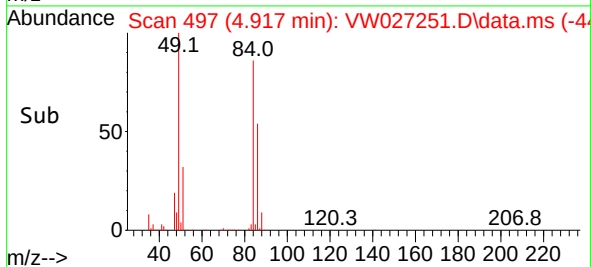
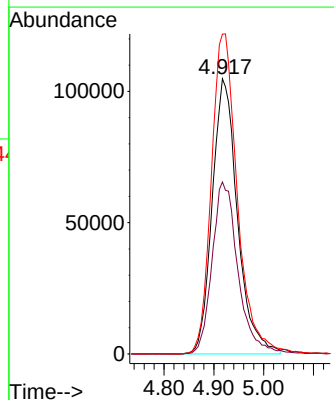
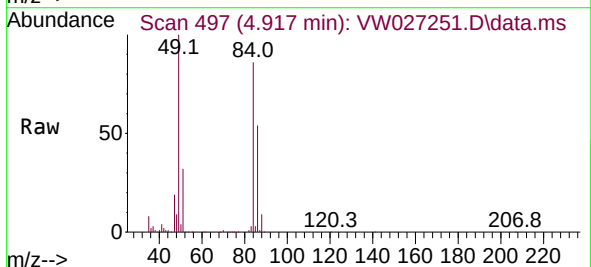
Instrument :
MSVOA_W
ClientSampleId :

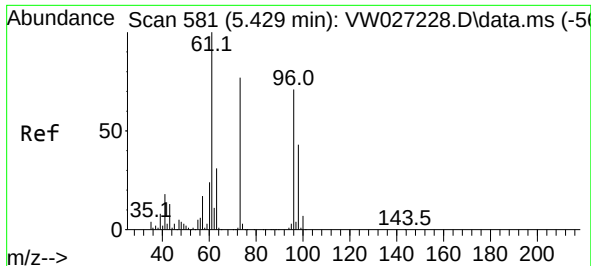
Tgt Ion: 43 Resp: 145168
Ion Ratio Lower Upper
43 100
74 24.6 20.8 31.2



#16
Methylene chloride
Concen: 23.894 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion: 84 Resp: 368503
Ion Ratio Lower Upper
84 100
86 62.5 45.1 83.9
49 116.2 80.9 150.3





#17

trans-1,2-Dichloroethene

Concen: 24.992 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

ClientSampleId :

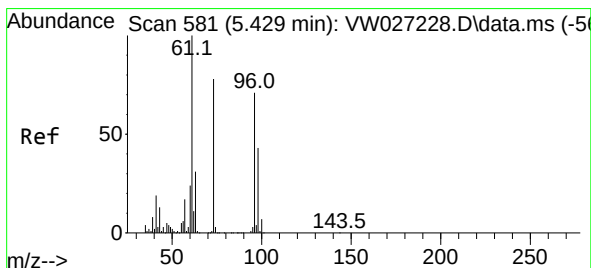
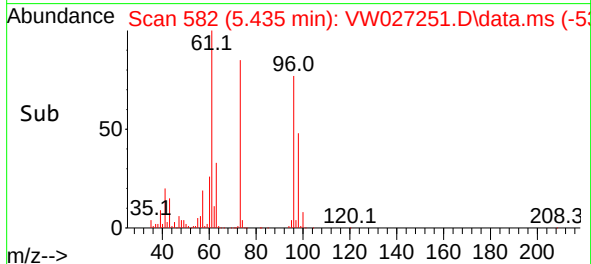
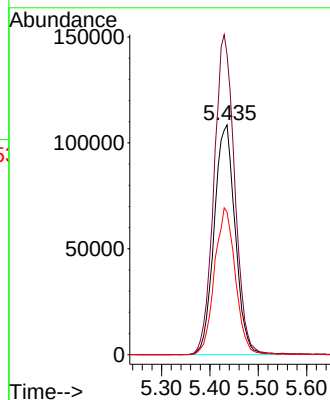
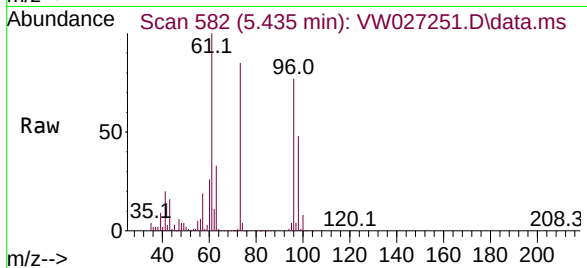
Tgt Ion: 96 Resp: 327742

Ion Ratio Lower Upper

96 100

61 130.4 93.5 173.7

98 62.0 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 26.025 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

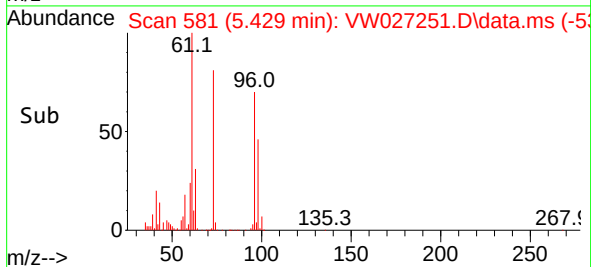
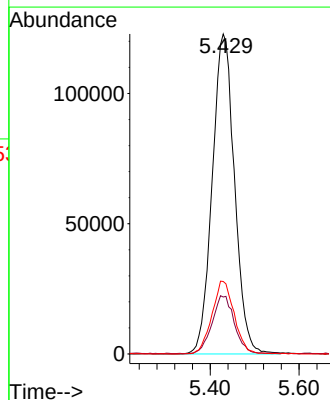
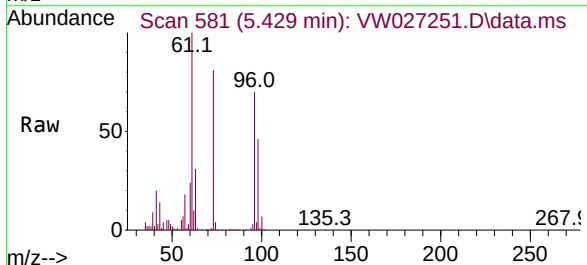
Tgt Ion: 73 Resp: 427105

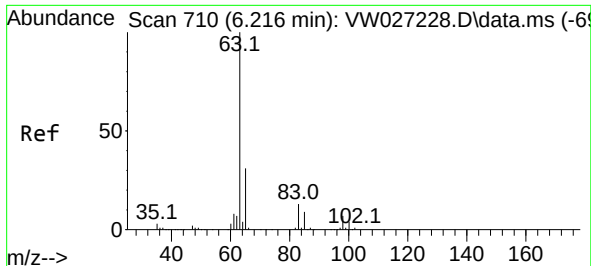
Ion Ratio Lower Upper

73 100

43 18.1 14.2 21.2

57 22.7 18.3 27.5





#19

1,1-Dichloroethane

Concen: 25.758 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

ClientSampleId :

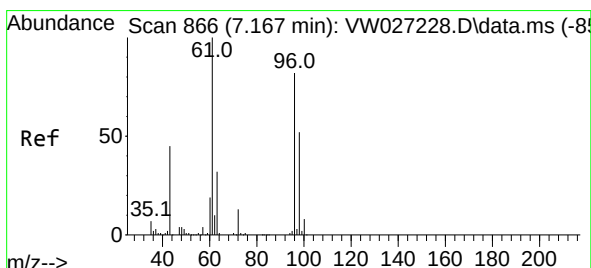
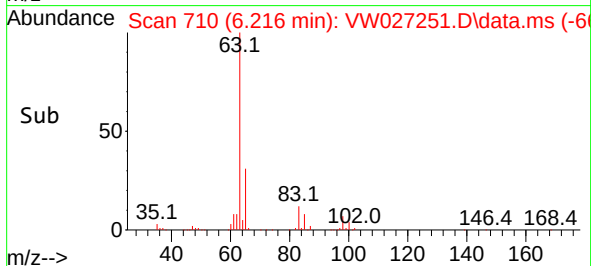
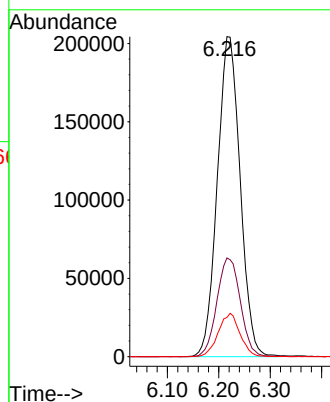
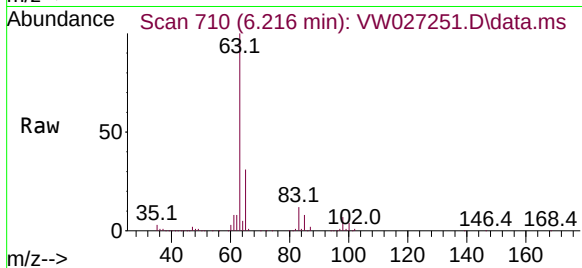
Tgt Ion: 63 Resp: 629947

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.9

83 12.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 25.202 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

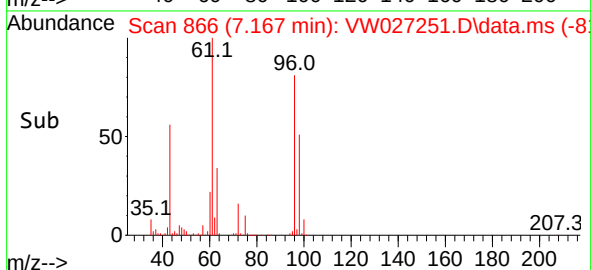
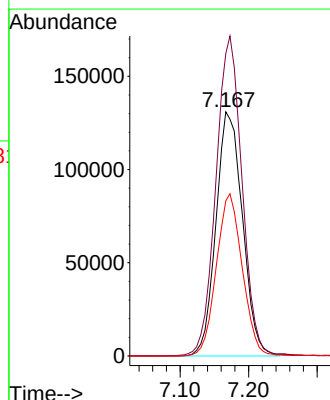
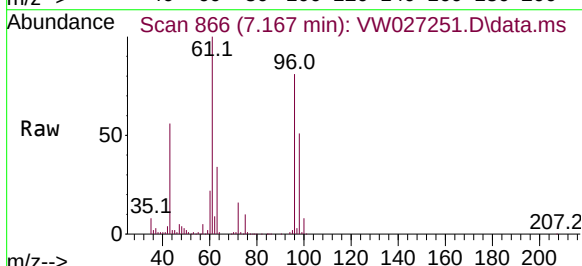
Tgt Ion: 96 Resp: 352309

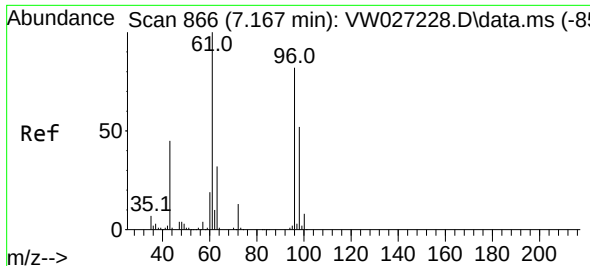
Ion Ratio Lower Upper

96 100

61 123.8 82.7 153.5

98 63.5 43.0 80.0

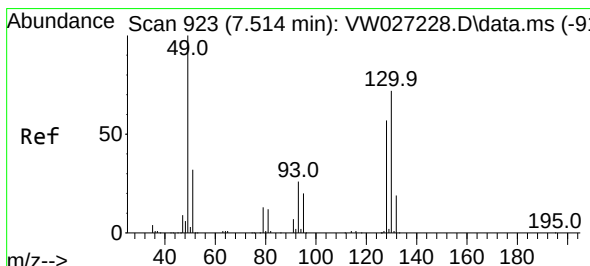
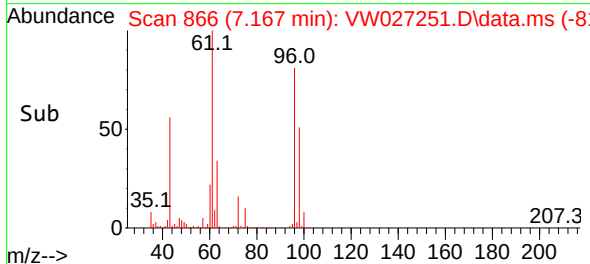
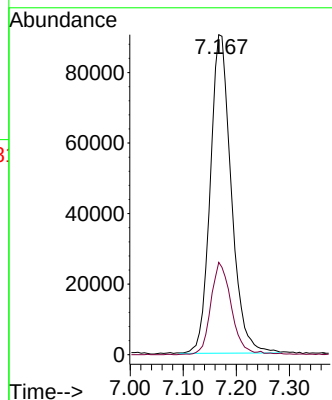
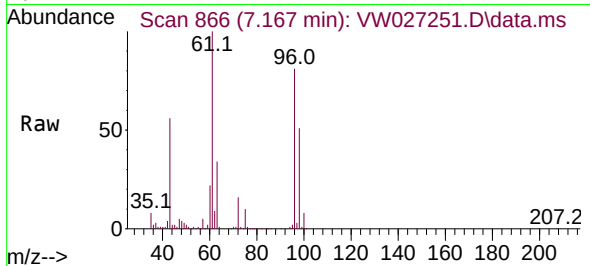




#22
2-Butanone
Concen: 63.484 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

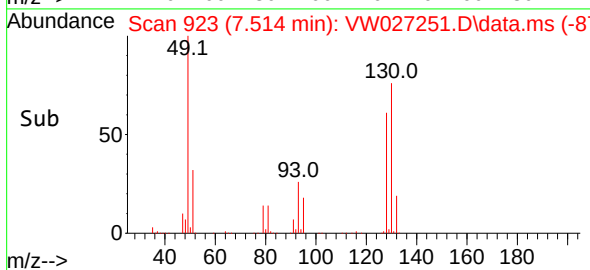
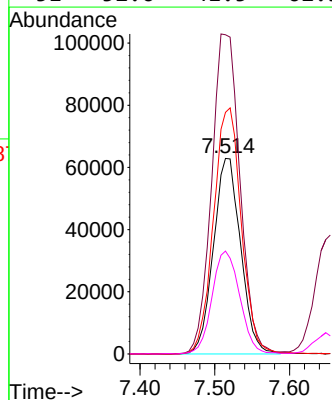
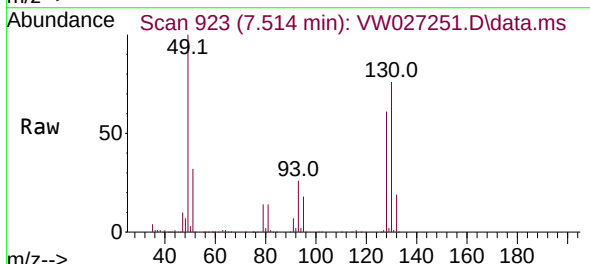
Instrument :
MSVOA_W
ClientSampleId :

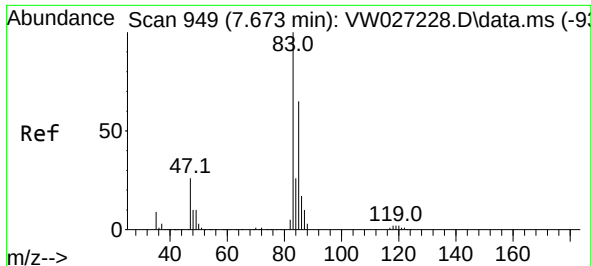
Tgt Ion: 43 Resp: 248269
Ion Ratio Lower Upper
43 100
72 27.9 14.6 44.0



#23
Bromochloromethane
Concen: 24.931 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion: 128 Resp: 159029
Ion Ratio Lower Upper
128 100
49 163.2 112.1 208.1
130 123.5 83.9 155.7
51 52.6 41.5 62.3

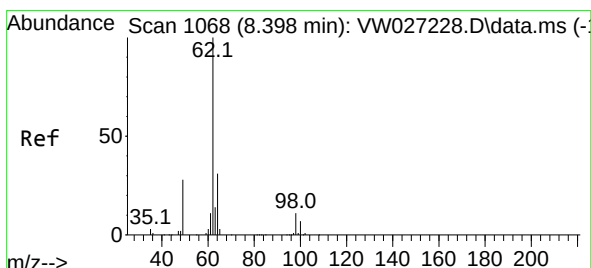
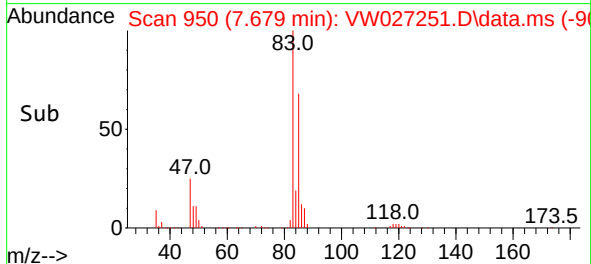
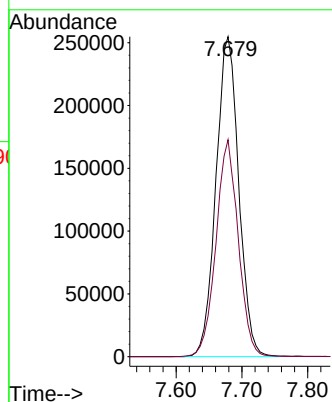
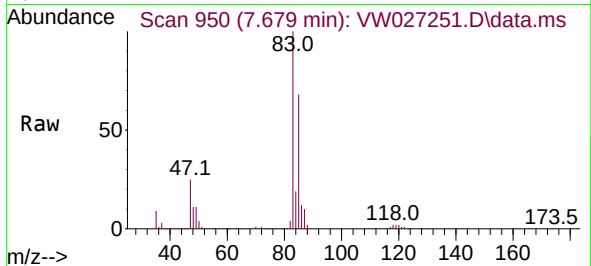




#25
Chloroform
Concen: 25.774 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

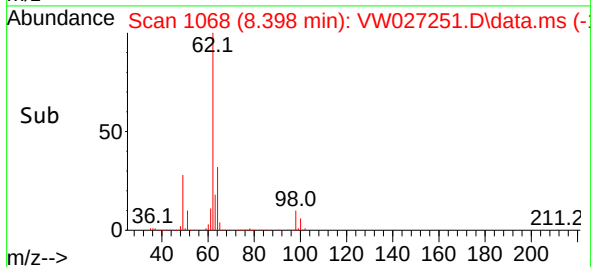
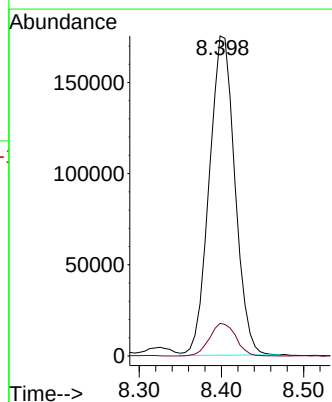
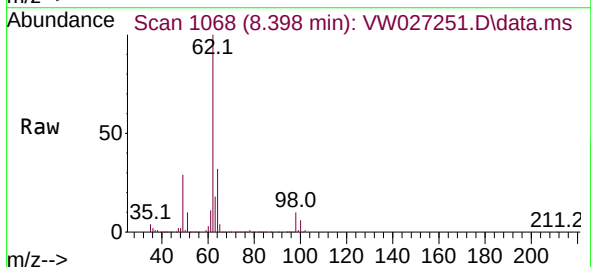
Instrument :
MSVOA_W
ClientSampleId :

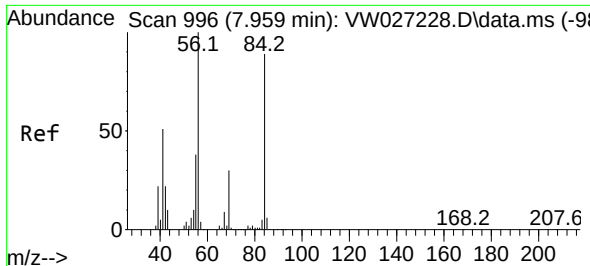
Tgt Ion: 83 Resp: 614789
Ion Ratio Lower Upper
83 100
85 67.8 47.7 88.5



#27
1,2-Dichloroethane
Concen: 26.004 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

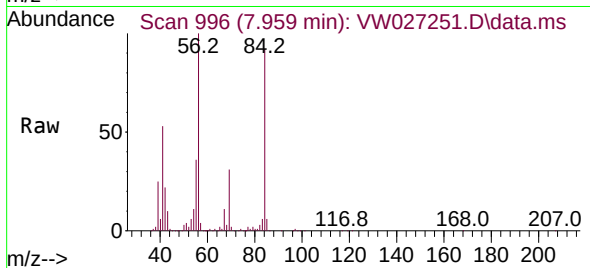
Tgt Ion: 62 Resp: 379972
Ion Ratio Lower Upper
62 100
98 10.2 7.9 11.9



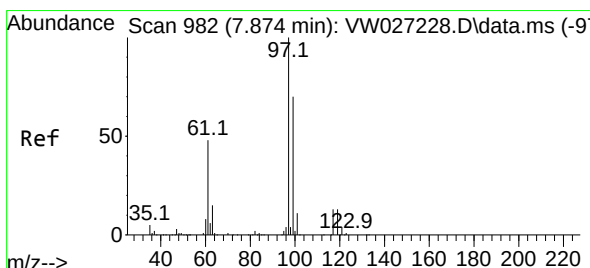
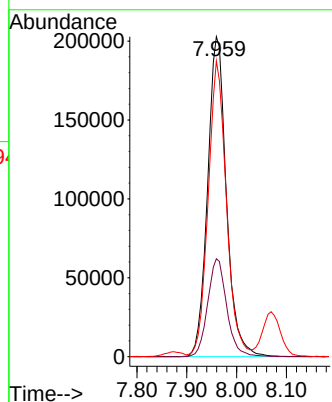
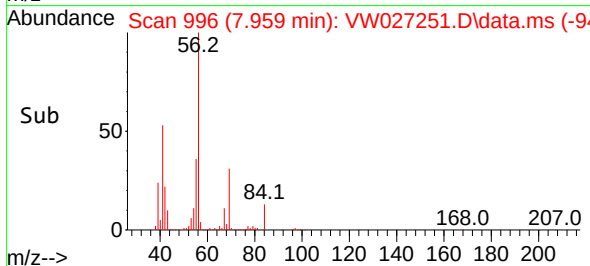


#29
Cyclohexane
Concen: 25.509 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Instrument :
MSVOA_W
ClientSampleId :

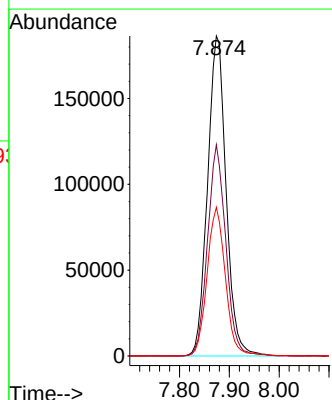
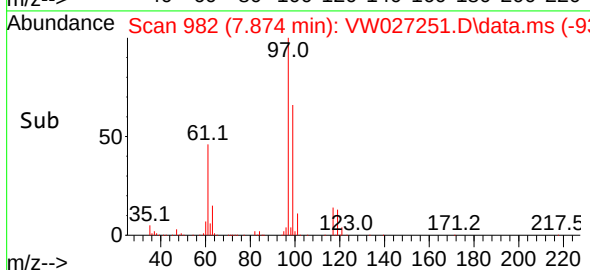
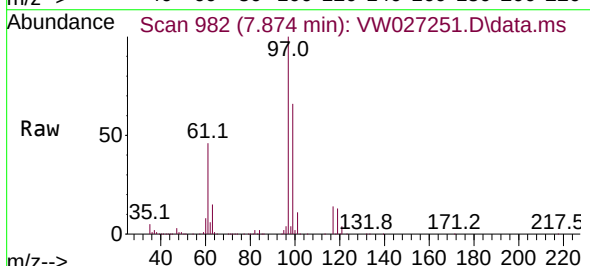


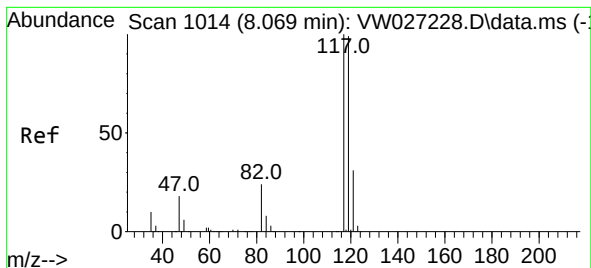
Tgt Ion: 56 Resp: 531103
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.4
84 89.7 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 24.804 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion: 97 Resp: 482533
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 46.1 34.6 52.0





#31

Carbon tetrachloride

Concen: 23.984 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

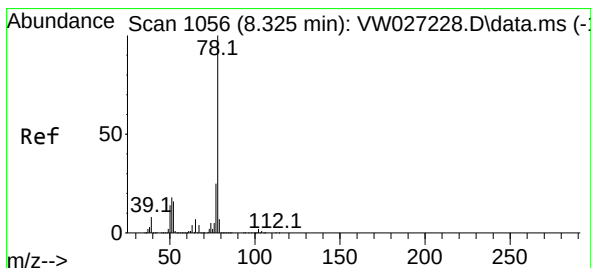
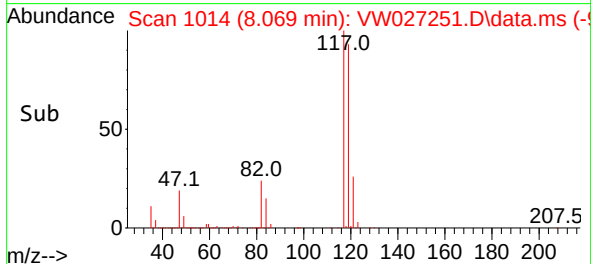
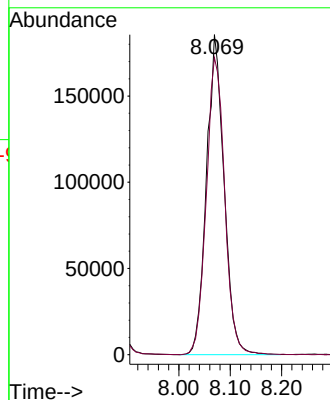
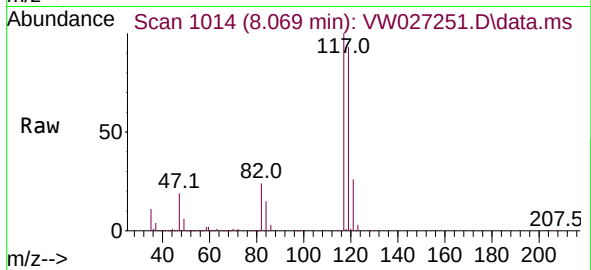
ClientSampleId :

Tgt Ion:117 Resp: 440691

Ion Ratio Lower Upper

117 100

119 96.9 77.0 115.6



#33

Benzene

Concen: 25.262 ug/L

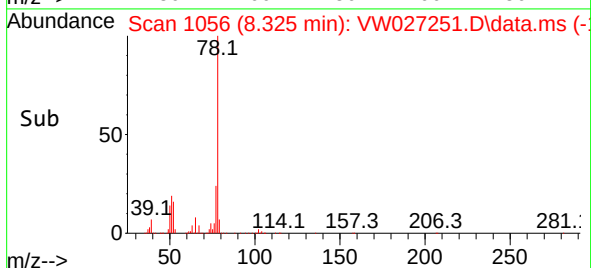
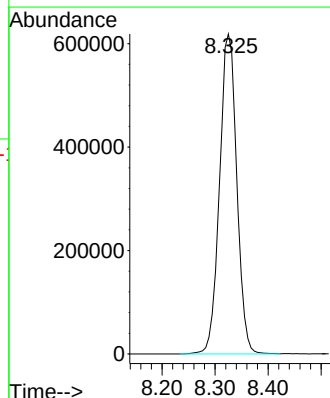
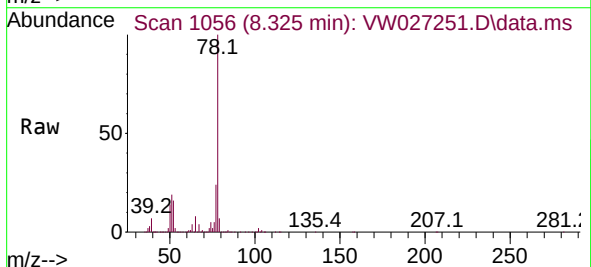
RT: 8.325 min Scan# 1056

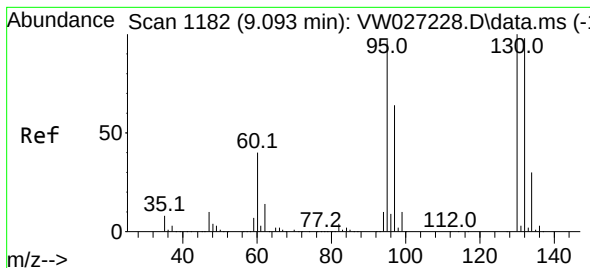
Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Tgt Ion: 78 Resp: 1397263





#34

Trichloroethene

Concen: 24.460 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

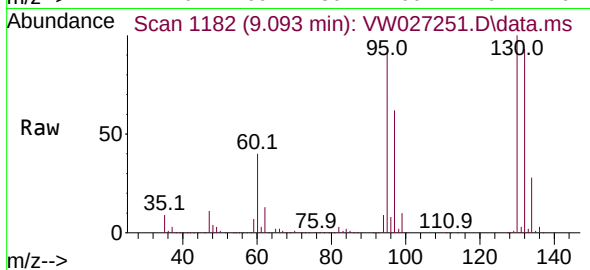
Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 353304

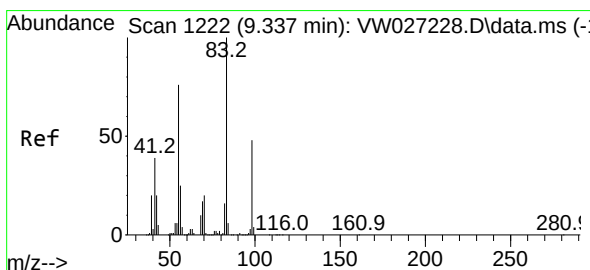
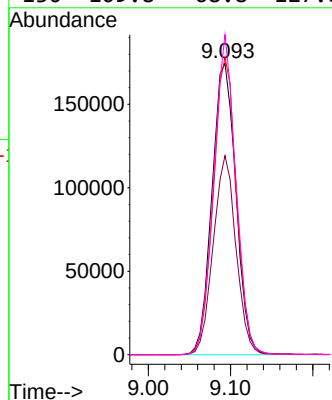
Ion Ratio Lower Upper

95 100

97 68.3 46.1 85.7

132 102.0 71.5 132.9

130 109.8 68.8 127.8



#35

Methylcyclohexane

Concen: 25.504 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

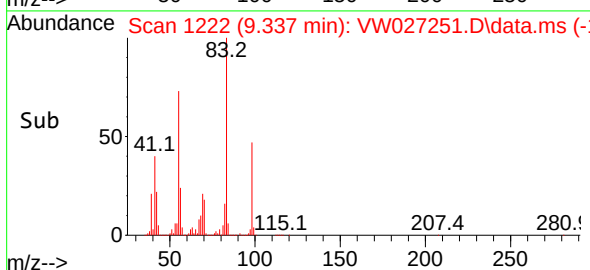
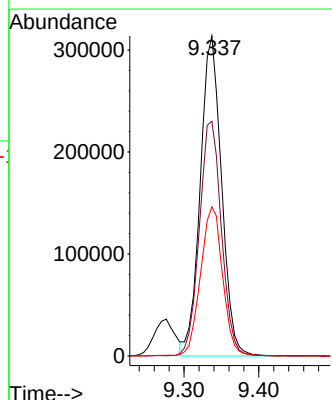
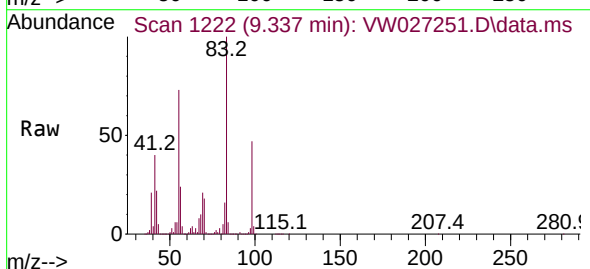
Tgt Ion: 83 Resp: 619596

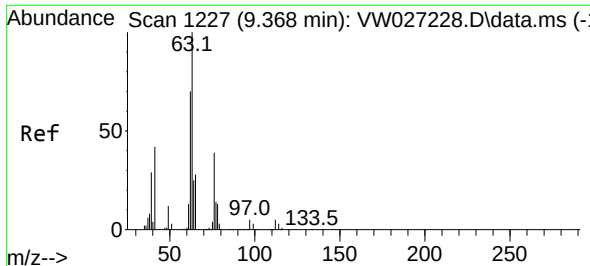
Ion Ratio Lower Upper

83 100

55 76.1 59.1 88.7

98 48.3 38.6 58.0





#37

1,2-Dichloropropane

Concen: 26.174 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

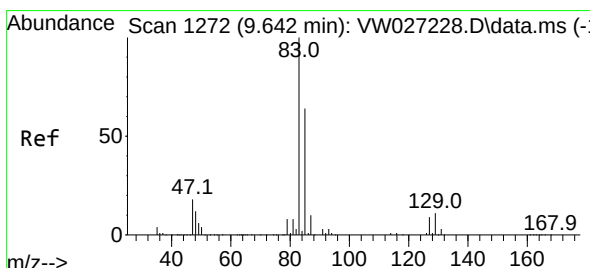
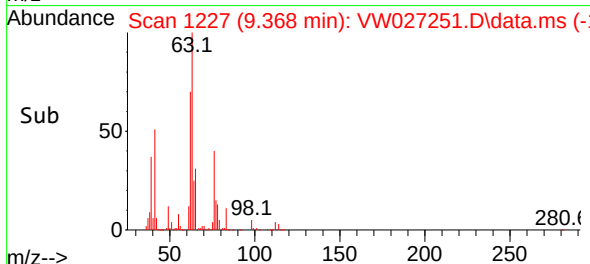
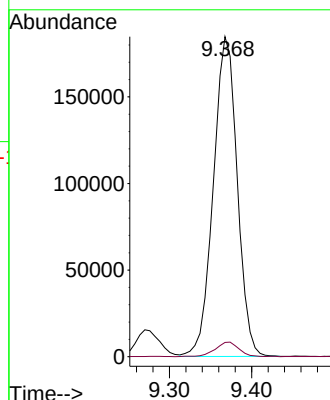
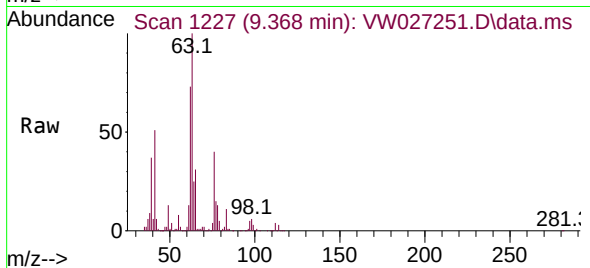
ClientSampleId :

Tgt Ion: 63 Resp: 373025

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 25.436 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

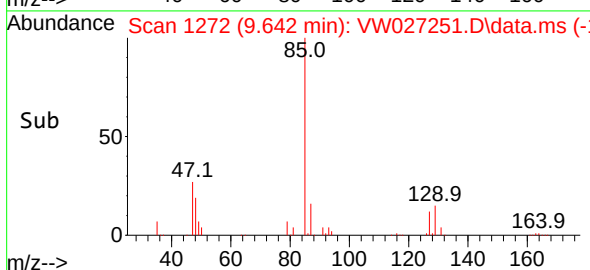
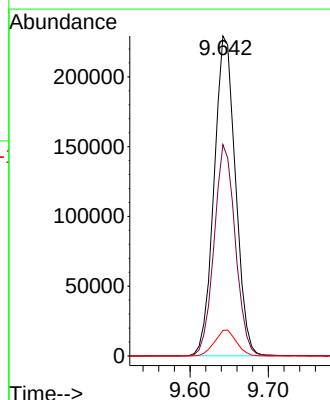
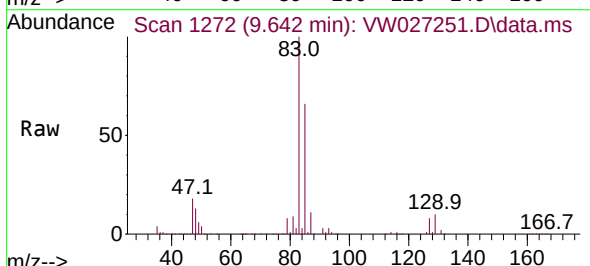
Tgt Ion: 83 Resp: 435394

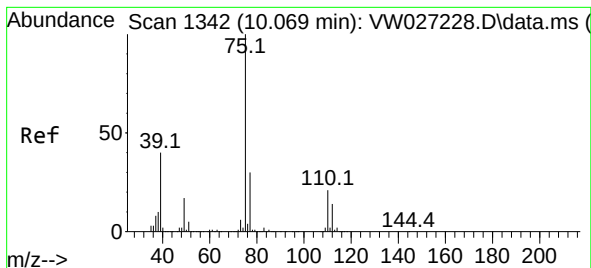
Ion Ratio Lower Upper

83 100

85 66.1 44.7 82.9

127 8.0 7.0 10.6

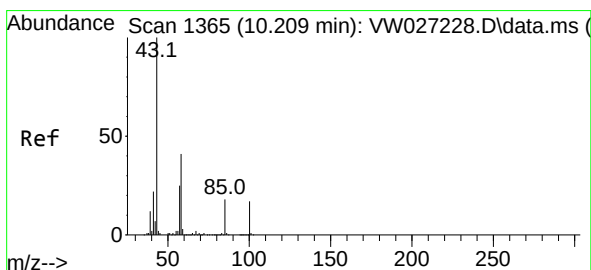
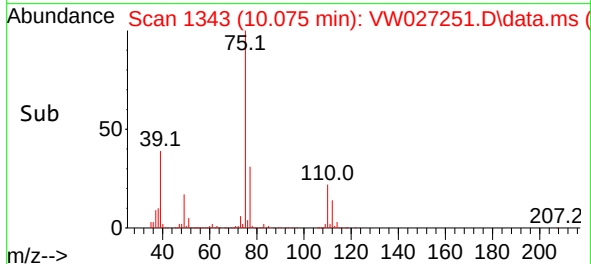
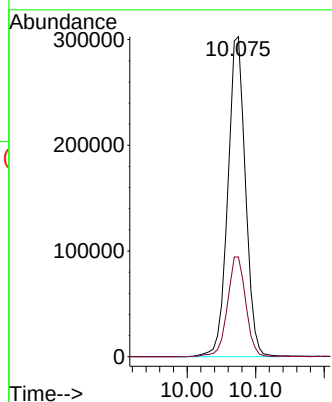
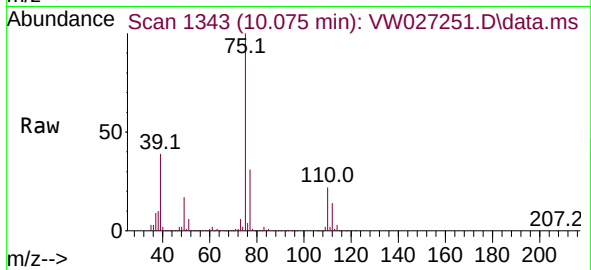




#39
cis-1,3-Dichloropropene
Concen: 25.777 ug/L
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

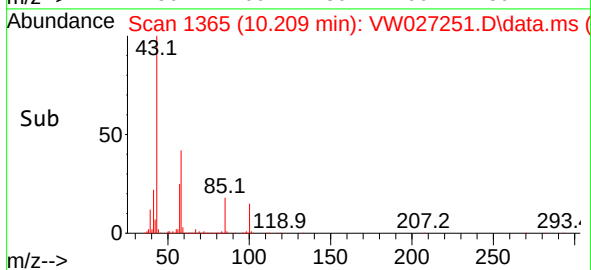
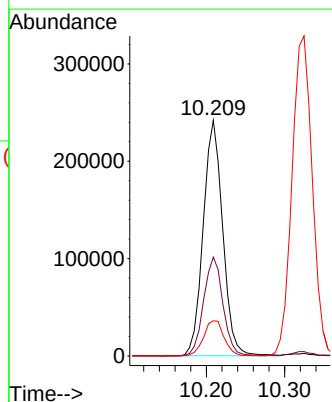
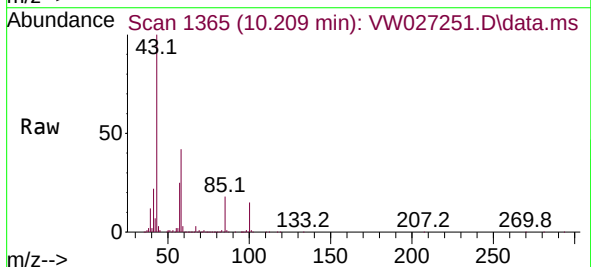
Instrument :
MSVOA_W
ClientSampleId :

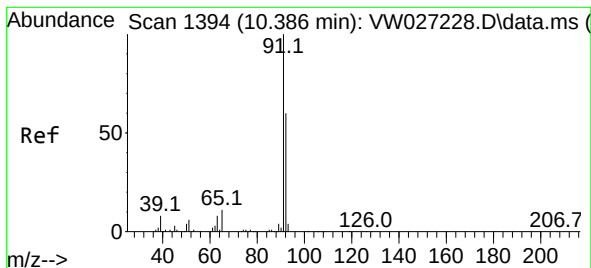
Tgt Ion: 75 Resp: 541308
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 60.489 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion: 43 Resp: 418230
Ion Ratio Lower Upper
43 100
58 41.7 33.8 50.6
100 15.9 13.7 20.5





#42

Toluene

Concen: 25.880 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

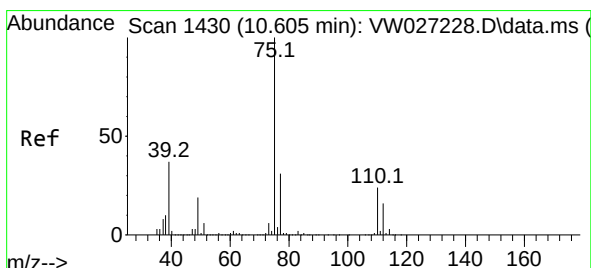
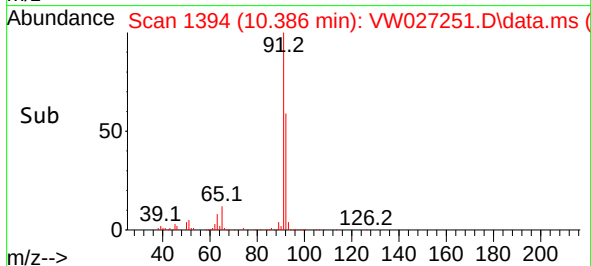
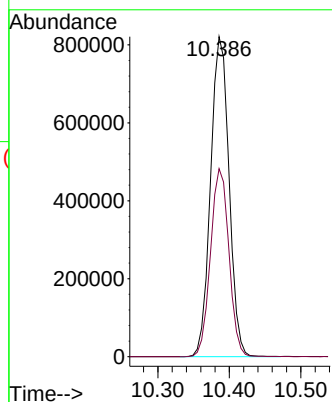
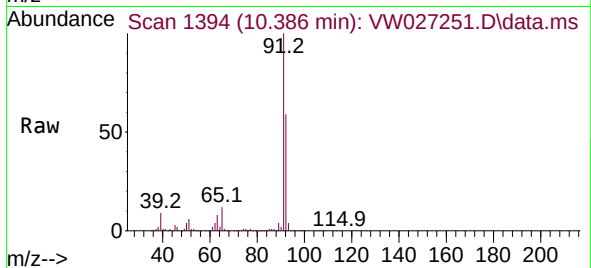
ClientSampleId :

Tgt Ion: 91 Resp: 1470048

Ion Ratio Lower Upper

91 100

92 58.7 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 26.766 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027251.D

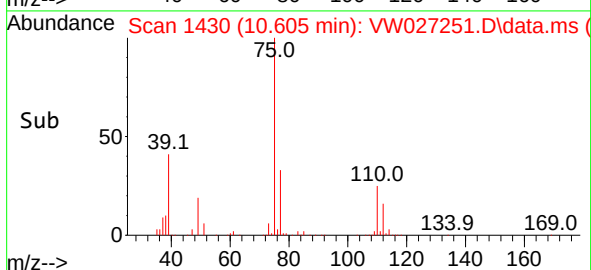
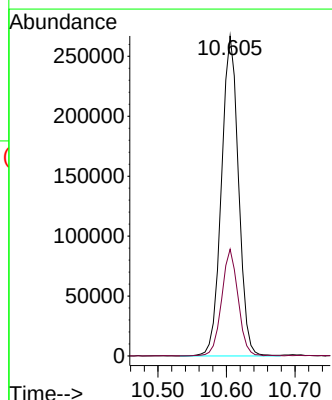
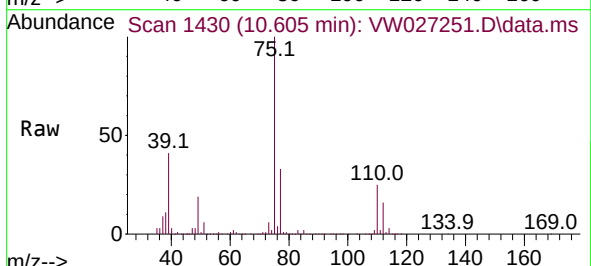
Acq: 06 Oct 2023 09:40

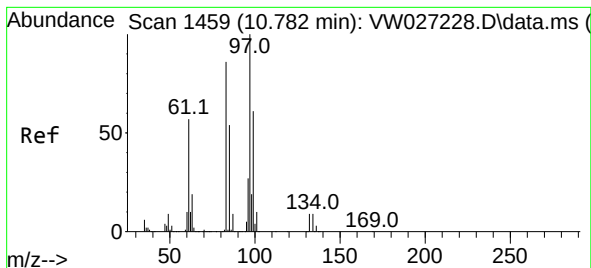
Tgt Ion: 75 Resp: 460661

Ion Ratio Lower Upper

75 100

77 33.3 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 27.081 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

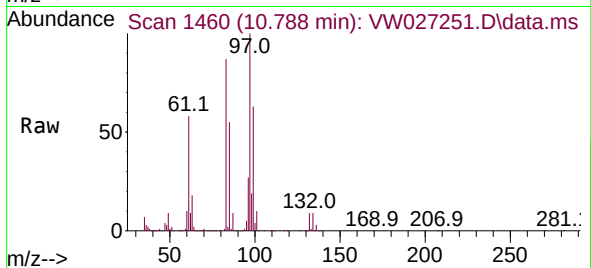
Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 279303

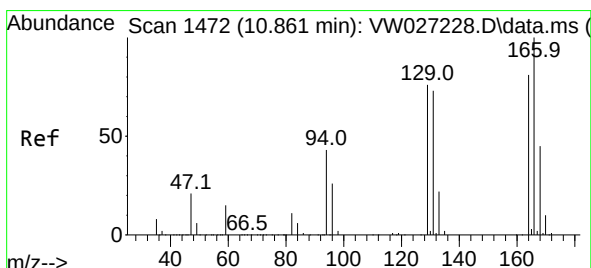
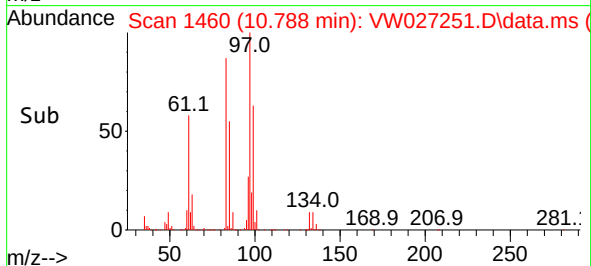
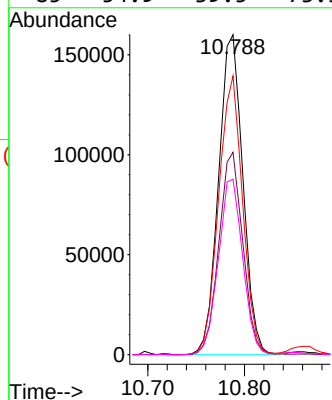
Ion Ratio Lower Upper

97 100

99 63.3 45.3 84.1

83 87.1 59.5 110.5

85 54.9 39.5 73.3



#46

Tetrachloroethene

Concen: 24.660 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Tgt Ion:164 Resp: 279996

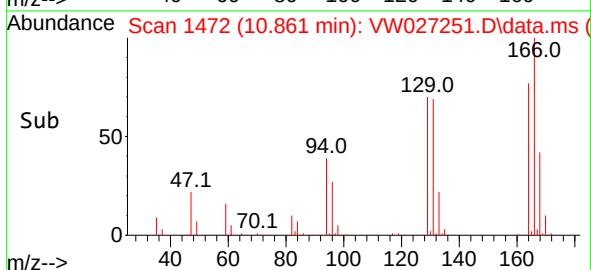
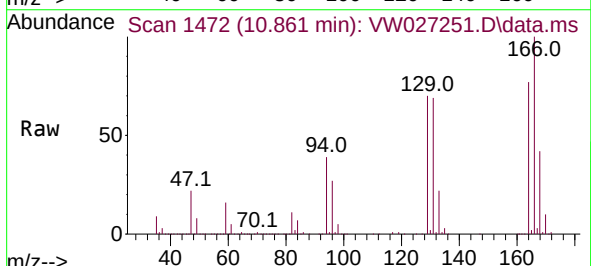
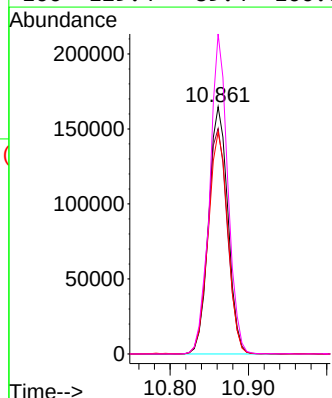
Ion Ratio Lower Upper

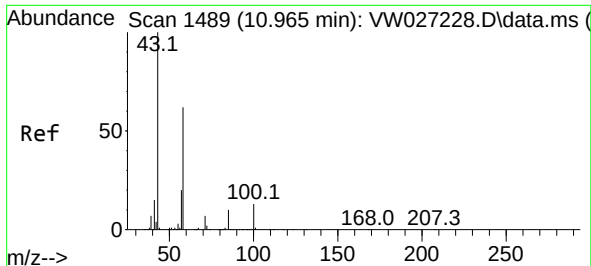
164 100

129 91.2 60.3 112.1

131 89.7 66.1 122.7

166 129.4 89.4 166.0

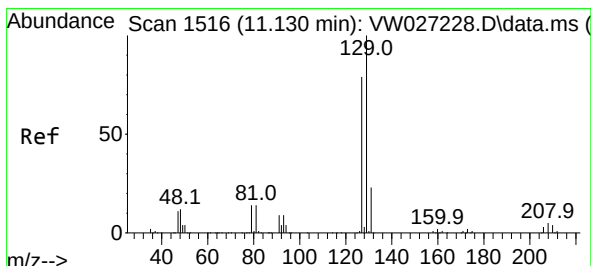
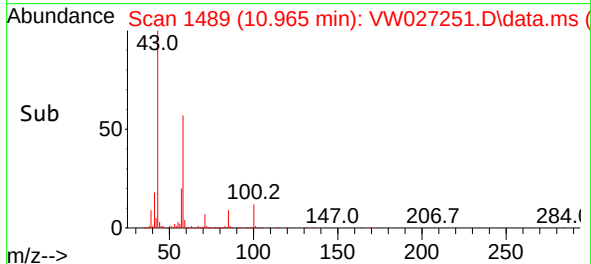
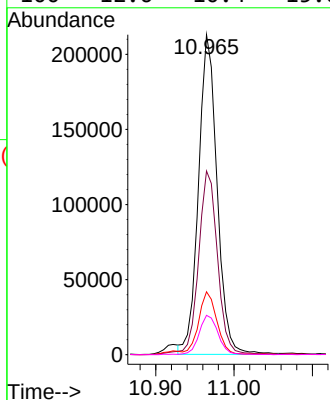
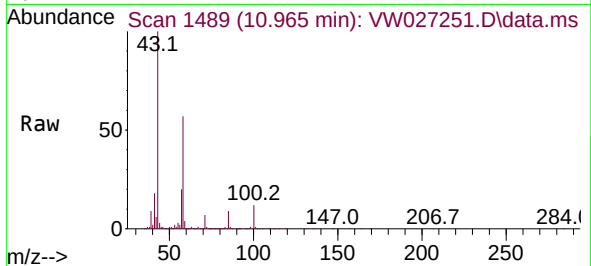




#48
2-Hexanone
Concen: 64.942 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

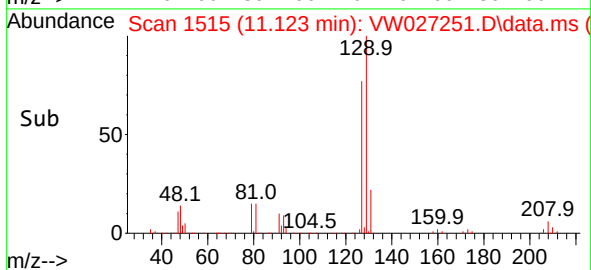
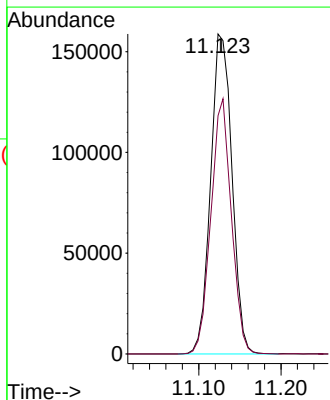
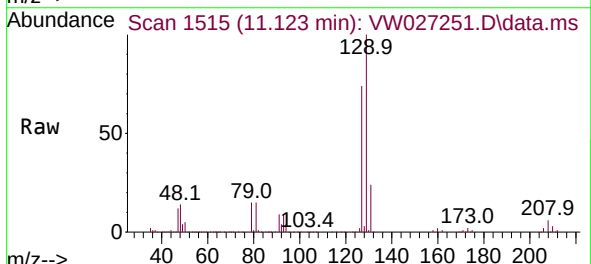
Instrument :
MSVOA_W
ClientSampleId :

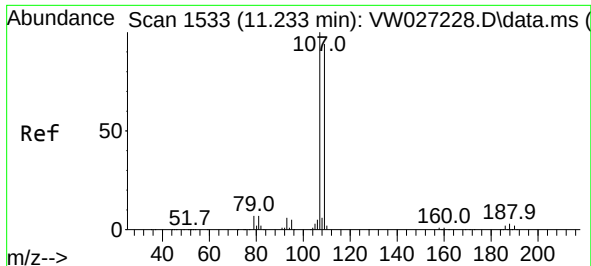
Tgt Ion:	43	Resp:	352016
Ion	Ratio	Lower	Upper
43	100		
58	58.5	47.2	70.8
57	19.3	15.9	23.9
100	12.6	10.4	15.6



#49
Dibromochloromethane
Concen: 25.613 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion:	129	Resp:	286491
Ion	Ratio	Lower	Upper
129	100		
127	74.4	54.2	100.6





#50

1,2-Dibromoethane

Concen: 26.542 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

ClientSampleId :

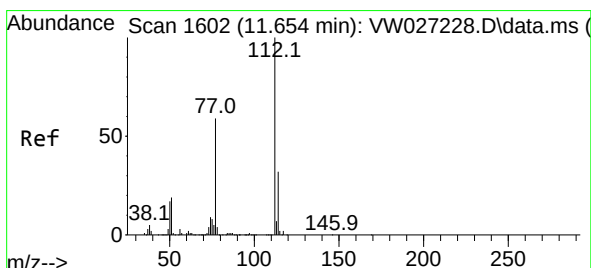
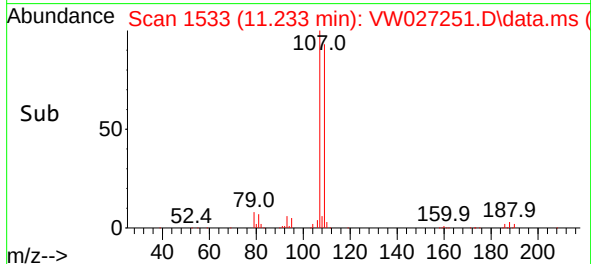
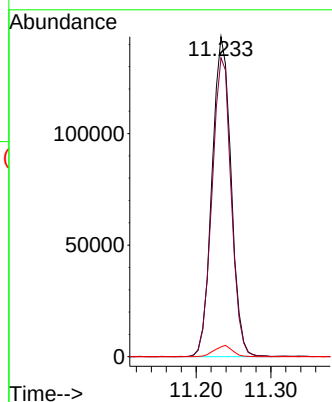
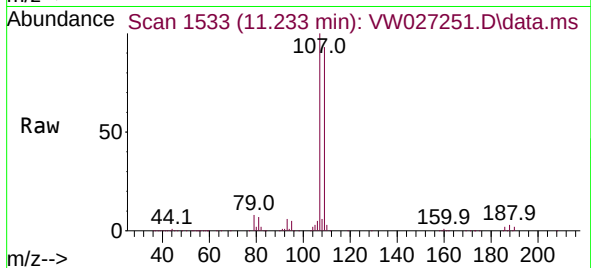
Tgt Ion:107 Resp: 254020

Ion Ratio Lower Upper

107 100

109 93.4 68.2 126.6

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 25.327 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

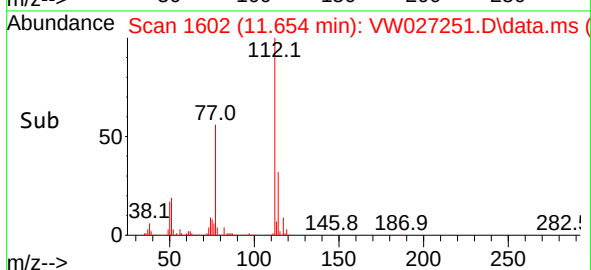
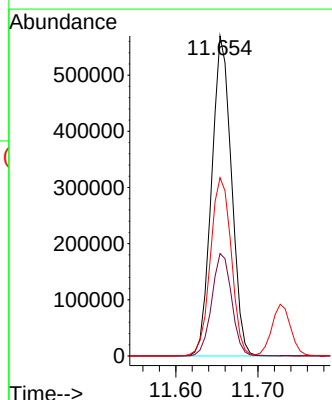
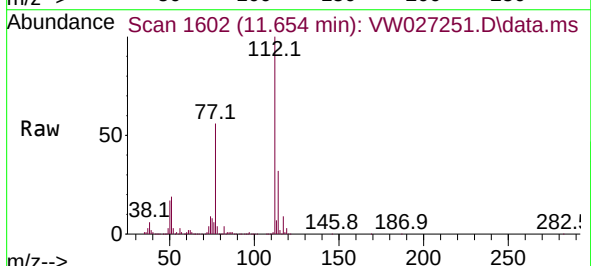
Tgt Ion:112 Resp: 954683

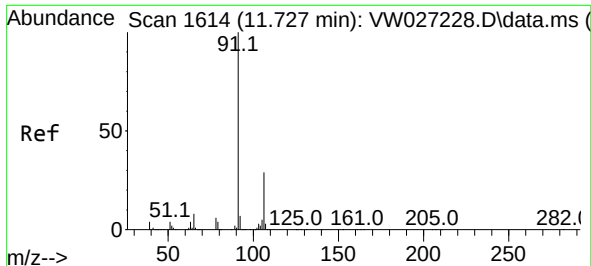
Ion Ratio Lower Upper

112 100

114 32.0 21.9 40.7

77 55.7 47.4 71.0

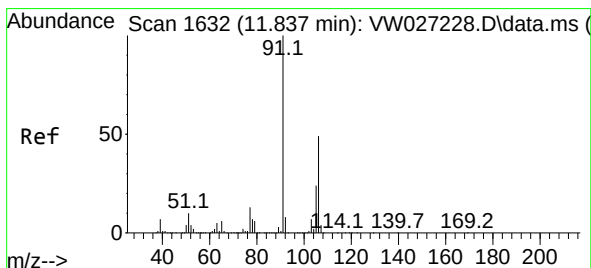
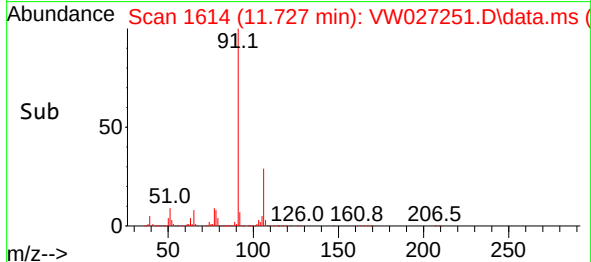
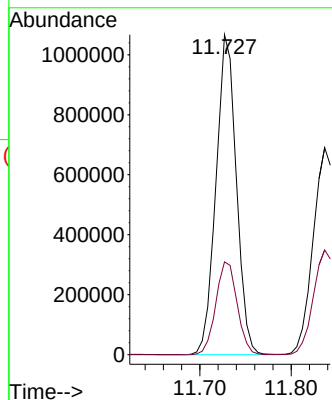
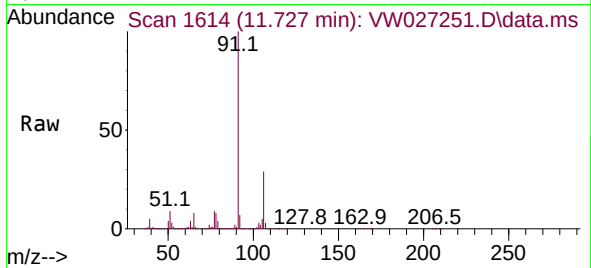




#52
Ethylbenzene
Concen: 25.890 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

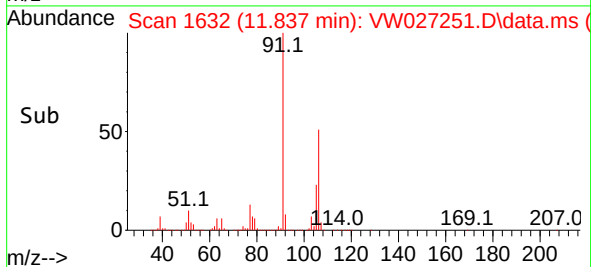
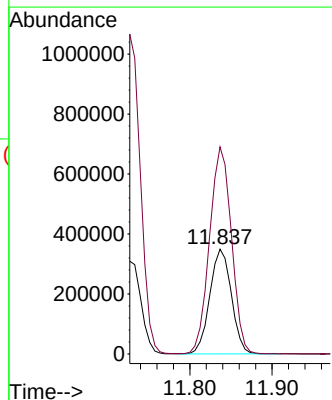
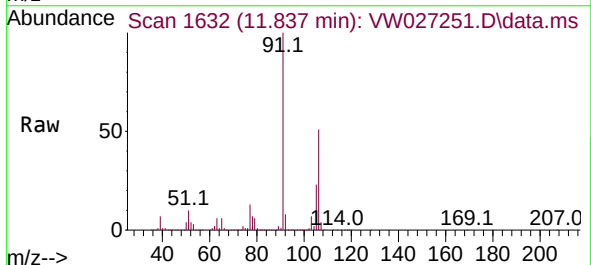
Instrument :
MSVOA_W
ClientSampleId :

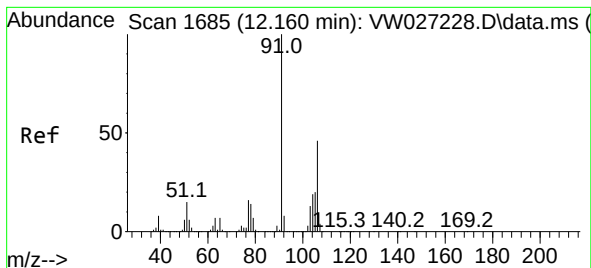
Tgt Ion: 91 Resp: 1652138
Ion Ratio Lower Upper
91 100
106 29.0 21.8 40.6



#53
m,p-Xylene
Concen: 25.925 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion:106 Resp: 634342
Ion Ratio Lower Upper
106 100
91 197.6 145.9 270.9





#54

o-Xylene

Concen: 25.882 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

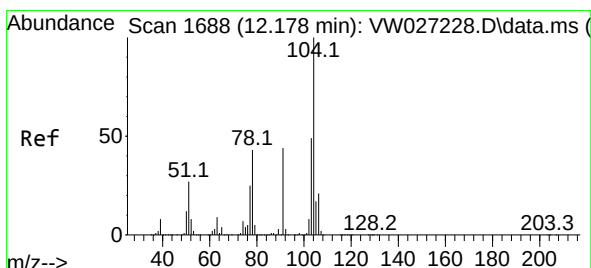
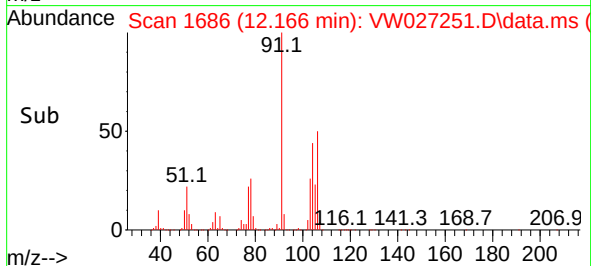
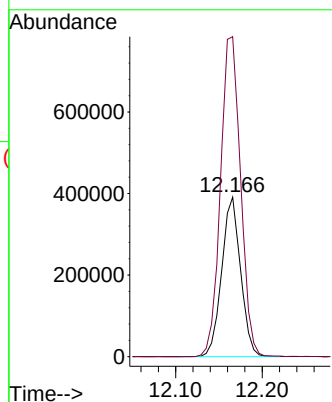
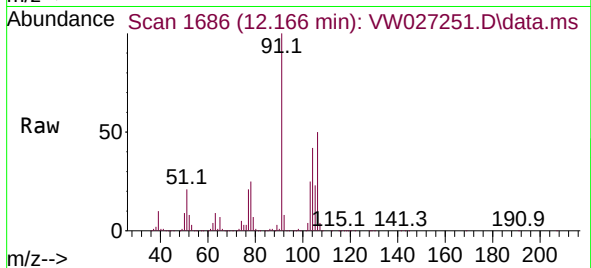
ClientSampleId :

Tgt Ion:106 Resp: 591592

Ion Ratio Lower Upper

106 100

91 200.5 149.5 277.7



#55

Styrene

Concen: 27.143 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027251.D

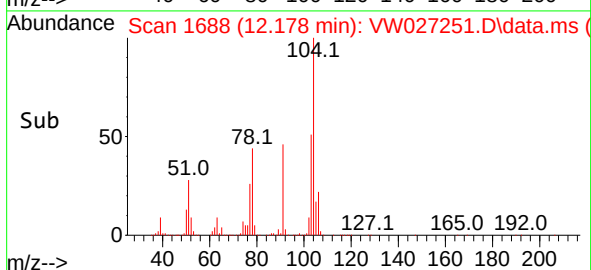
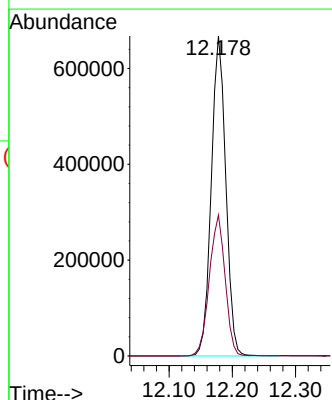
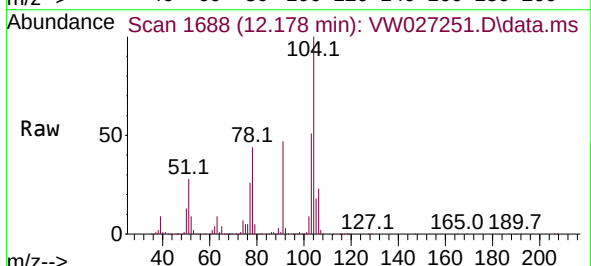
Acq: 06 Oct 2023 09:40

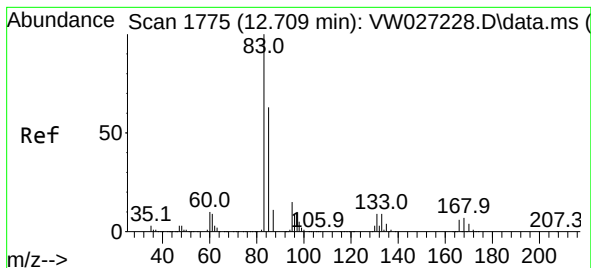
Tgt Ion:104 Resp: 1067964

Ion Ratio Lower Upper

104 100

78 44.0 30.1 55.9

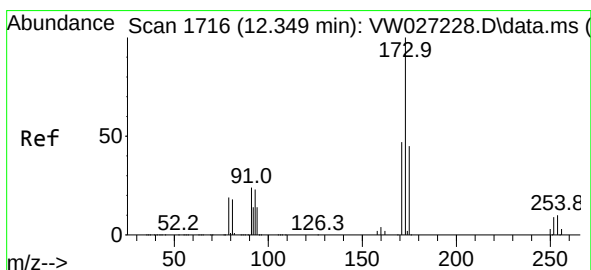
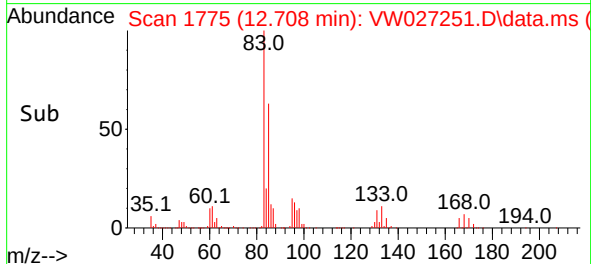
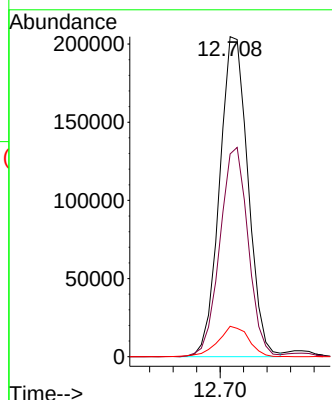
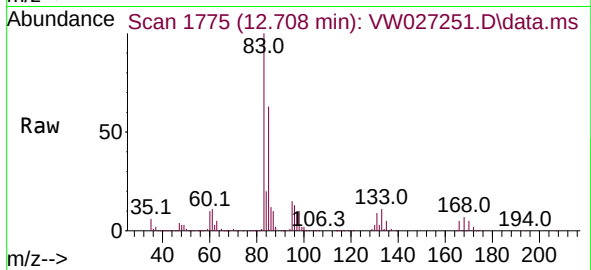




#57
1,1,2,2-Tetrachloroethane
Concen: 27.801 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

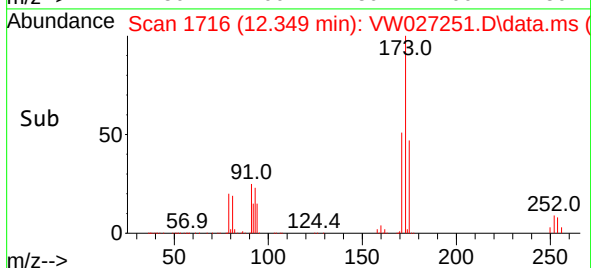
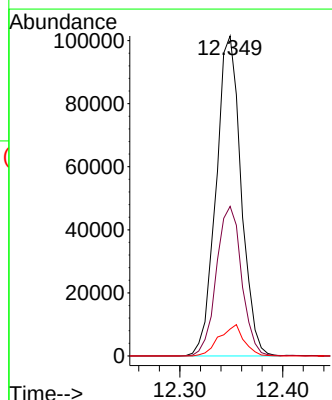
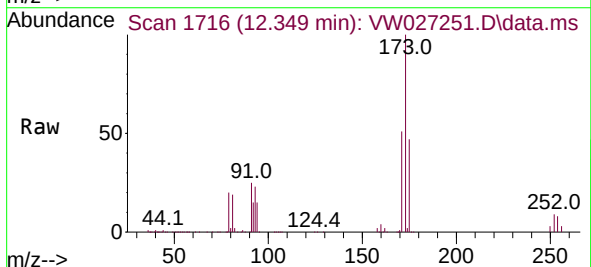
Instrument :
MSVOA_W
ClientSampleId :

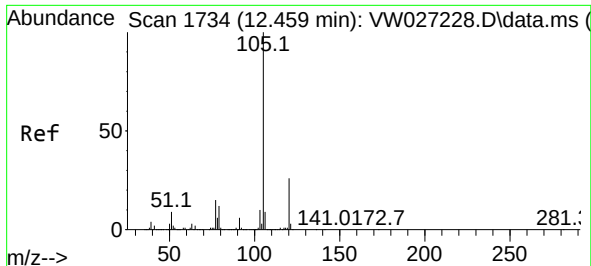
Tgt Ion: 83 Resp: 343923
Ion Ratio Lower Upper
83 100
85 63.4 43.5 80.7
131 9.5 7.6 11.4



#59
Bromoform
Concen: 24.919 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

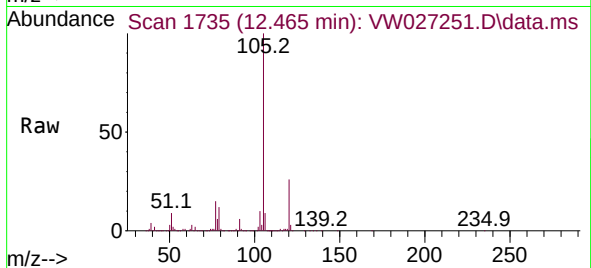
Tgt Ion: 173 Resp: 171407
Ion Ratio Lower Upper
173 100
175 47.2 37.1 55.7
254 9.7 7.2 10.8



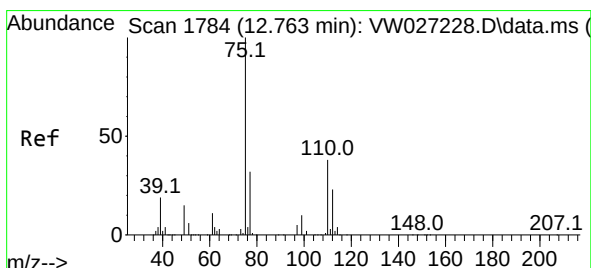
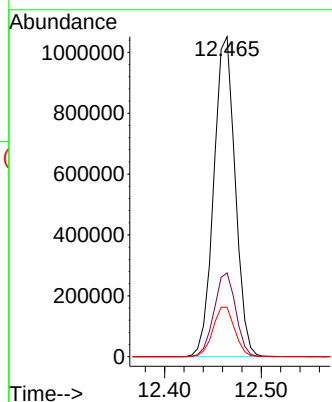
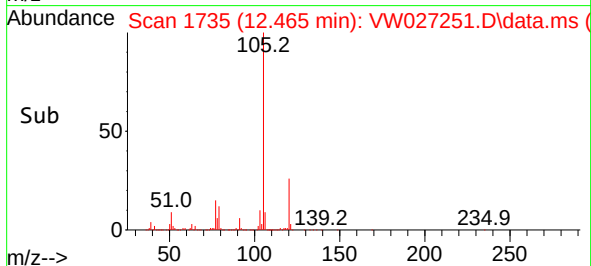


#60
Isopropylbenzene
Concen: 25.157 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

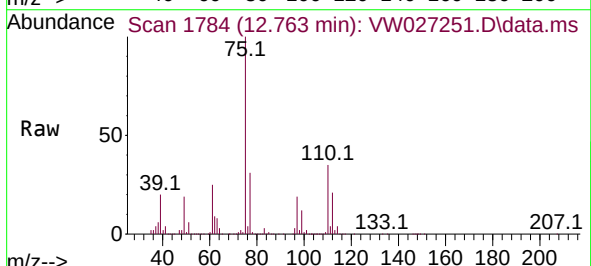
Instrument :
MSVOA_W
ClientSampleId :



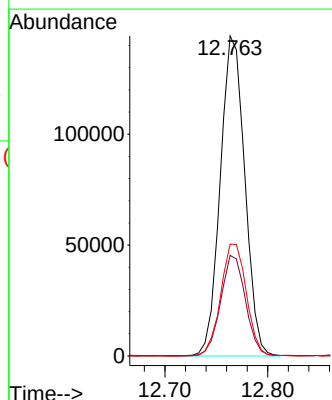
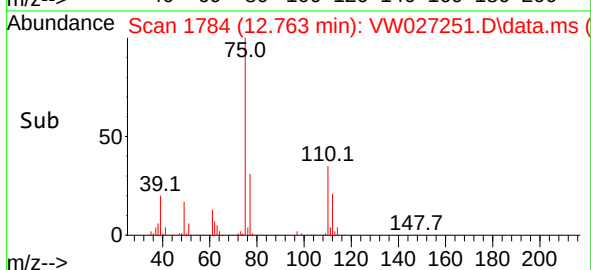
Tgt Ion:105 Resp: 1613657
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.6
77 15.8 12.5 18.7

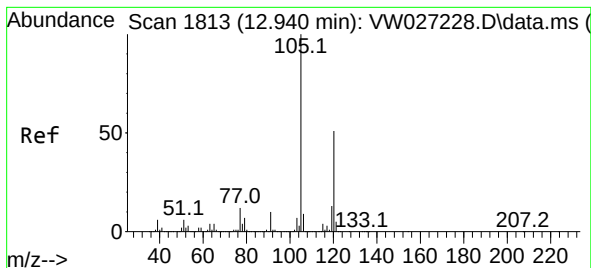


#61
1,2,3-Trichloropropane
Concen: 26.830 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40



Tgt Ion: 75 Resp: 239273
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 36.7 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 26.604 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

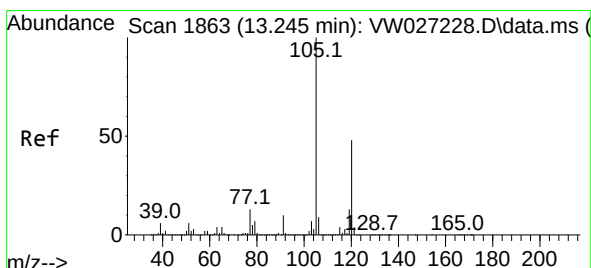
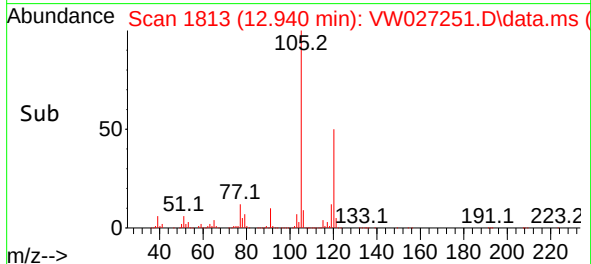
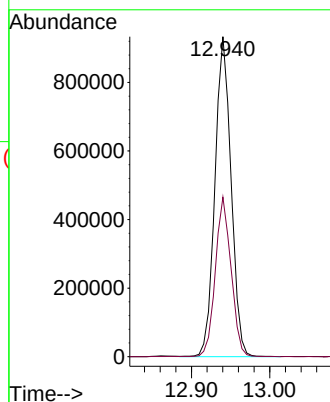
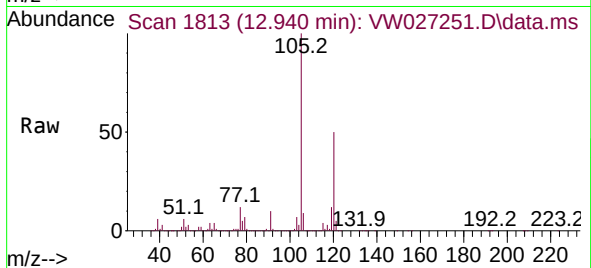
ClientSampleId :

Tgt Ion:105 Resp: 1337929

Ion Ratio Lower Upper

105 100

120 48.5 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 26.292 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027251.D

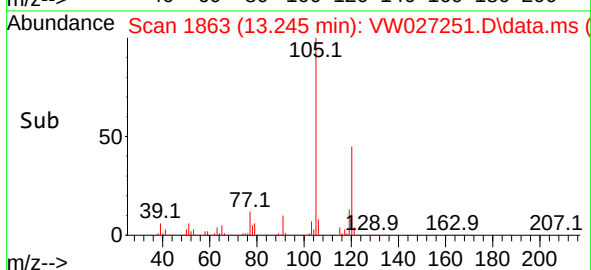
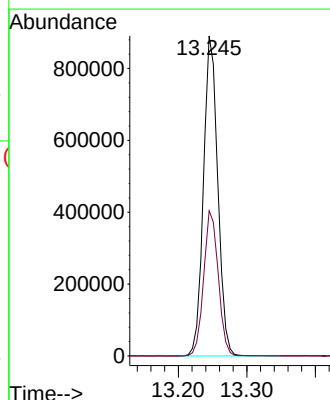
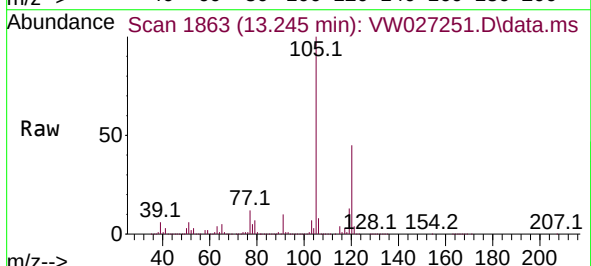
Acq: 06 Oct 2023 09:40

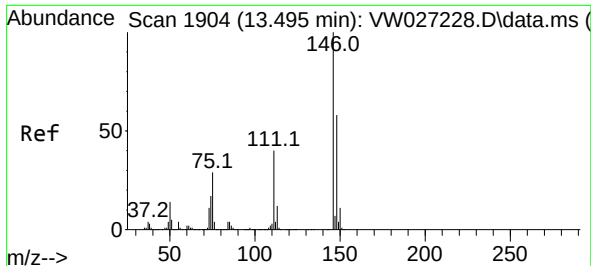
Tgt Ion:105 Resp: 1295770

Ion Ratio Lower Upper

105 100

120 46.1 36.8 55.2

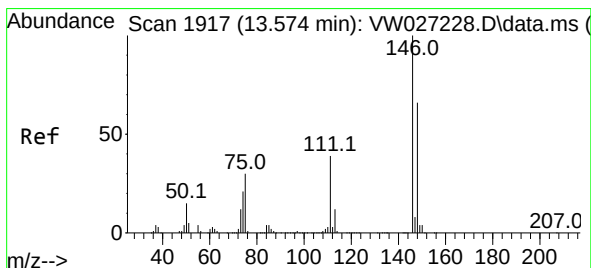
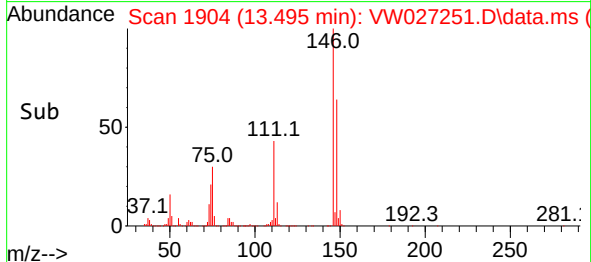
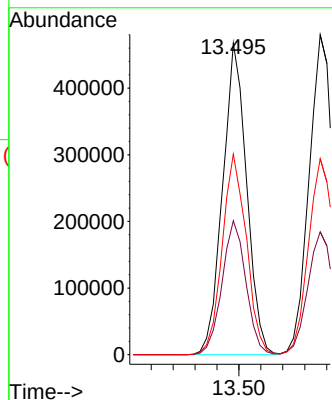
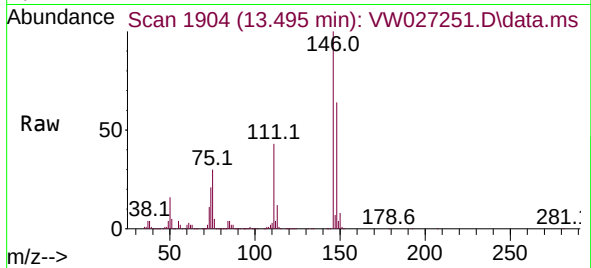




#64
1,3-Dichlorobenzene
Concen: 24.016 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

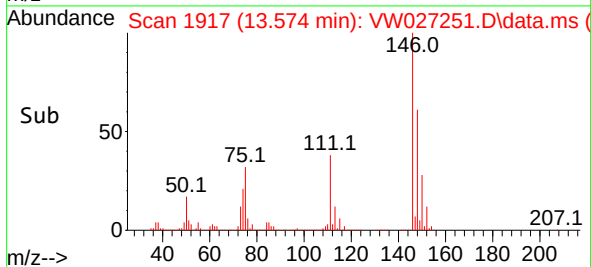
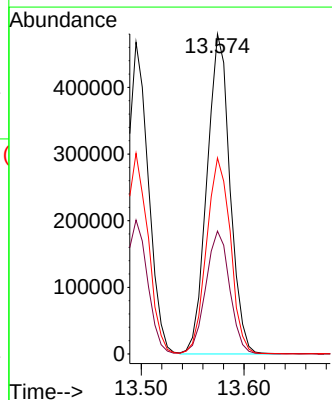
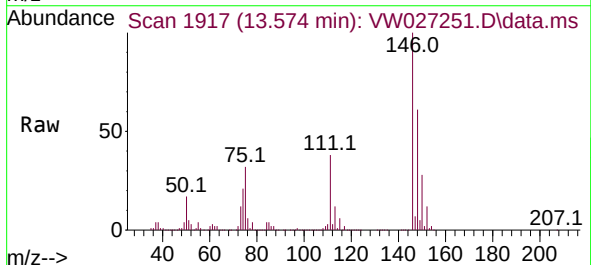
Instrument :
MSVOA_W
ClientSampleId :

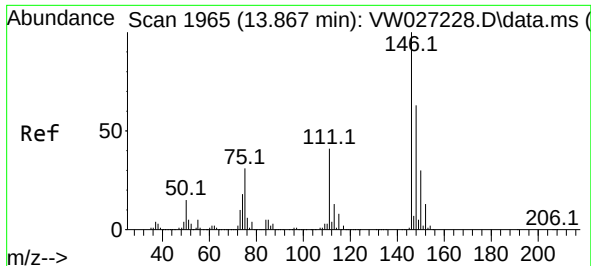
Tgt Ion:146 Resp: 710980
Ion Ratio Lower Upper
146 100
111 43.0 26.9 50.1
148 64.3 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 25.141 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion:146 Resp: 747773
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 61.2 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 25.890 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

ClientSampleId :

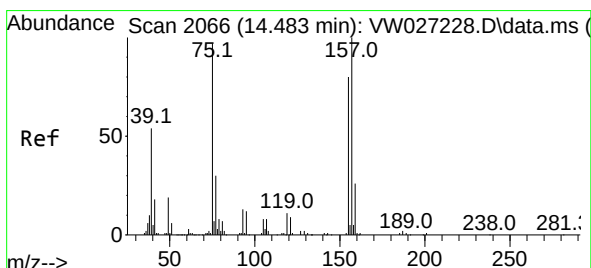
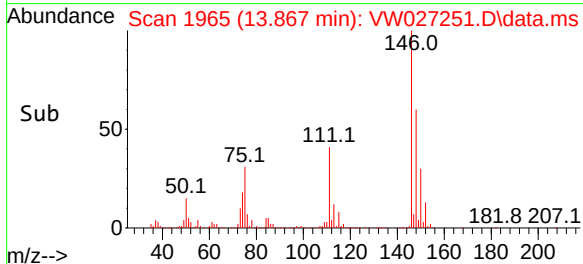
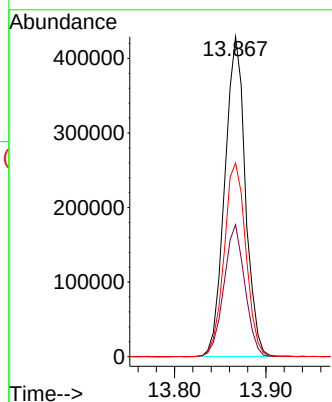
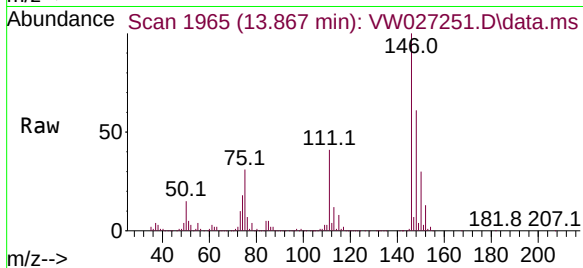
Tgt Ion:146 Resp: 671831

Ion Ratio Lower Upper

146 100

111 41.2 35.6 53.4

148 60.5 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.057 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

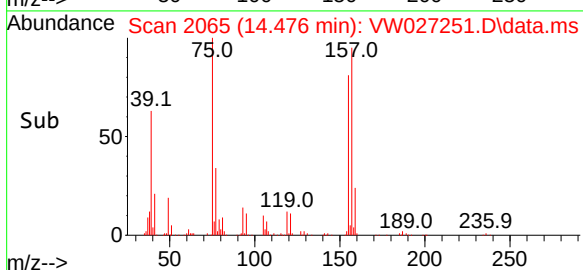
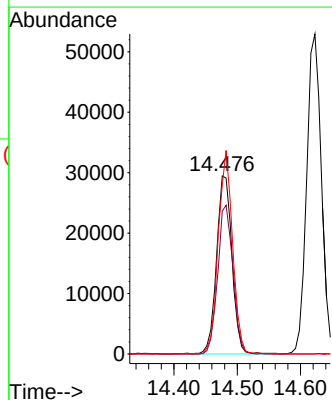
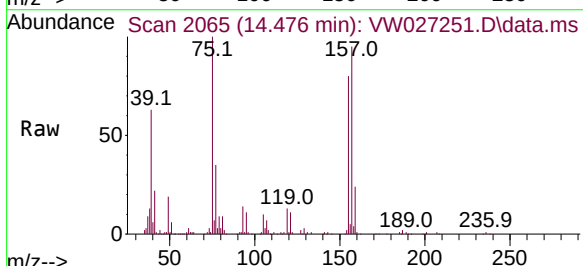
Tgt Ion: 75 Resp: 49777

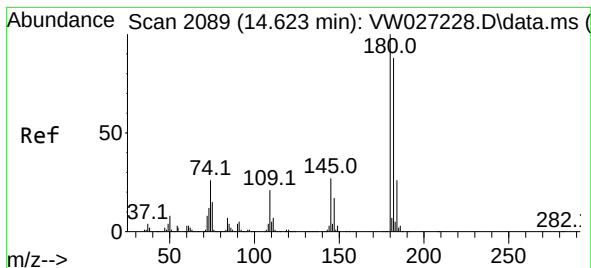
Ion Ratio Lower Upper

75 100

155 80.3 56.5 84.7

157 95.0 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 26.023 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.006 min

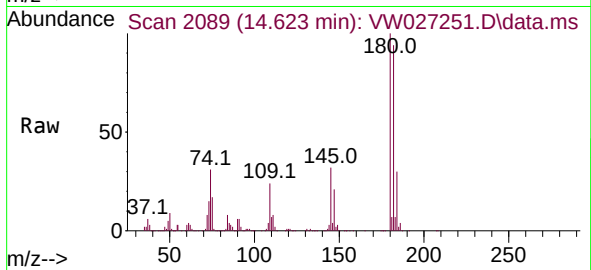
Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 496089

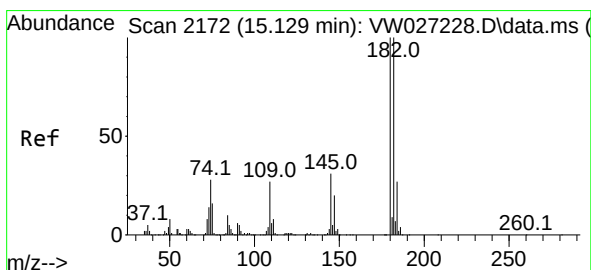
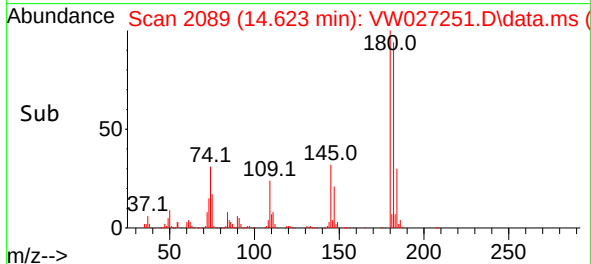
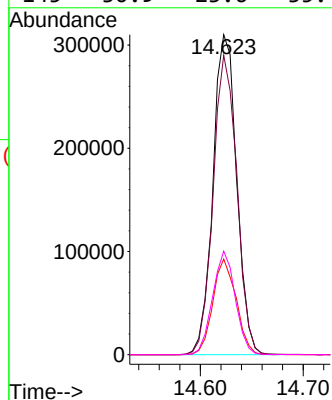
Ion Ratio Lower Upper

180 100

182 93.7 70.2 105.2

184 29.4 24.6 37.0

145 30.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 26.551 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027251.D

Acq: 06 Oct 2023 09:40

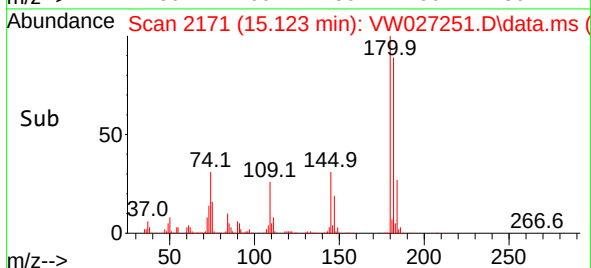
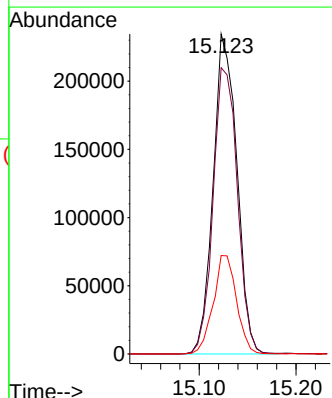
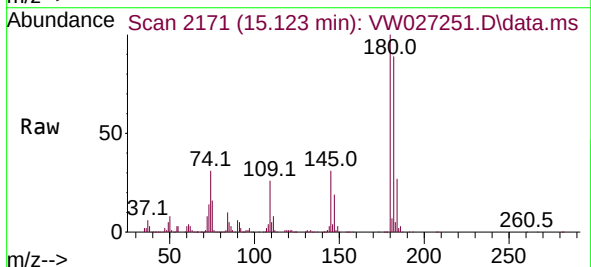
Tgt Ion:180 Resp: 399322

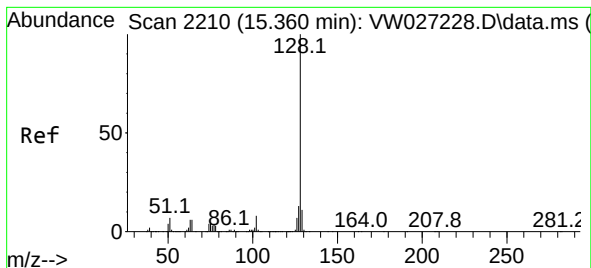
Ion Ratio Lower Upper

180 100

182 91.5 77.4 116.2

145 30.2 24.3 36.5

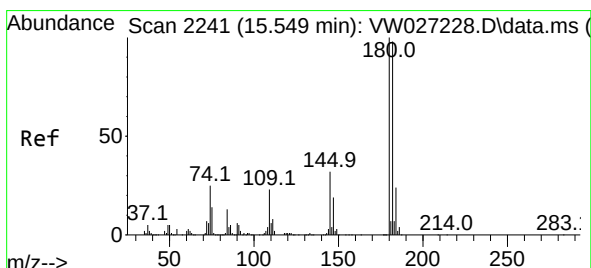
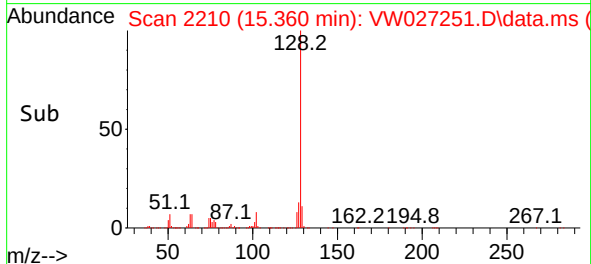
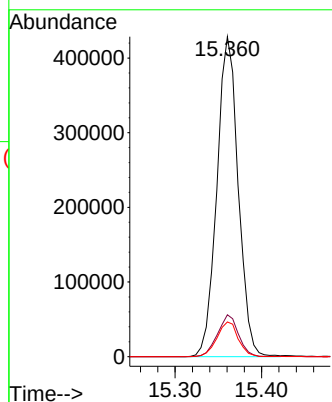
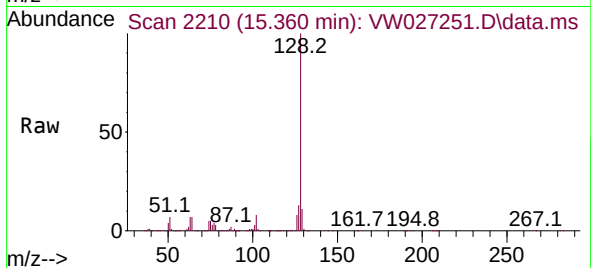




#71
Naphthalene
Concen: 27.670 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 734276
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.434 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027251.D
Acq: 06 Oct 2023 09:40

Tgt Ion:180 Resp: 352916
Ion Ratio Lower Upper
180 100
182 101.8 74.7 112.1
145 33.5 26.4 39.6

