

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102623\
 Data File : VW027458.D
 Acq On : 26 Oct 2023 18:21
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 27 01:31:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	319832	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	305128	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	159576	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98964	20.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	2.899	69	83378	23.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	4.021	65	50985	20.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.400%
21) 2-Butanone-d5	7.075	46	89972	55.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.920%
24) Chloroform-d	7.648	84	243870	25.583	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.320%
26) 1,2-Dichloroethane-d4	8.307	65	130779	25.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.160%
32) Benzene-d6	8.276	84	479677	23.236	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	9.276	67	158367	25.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.325	98	406163	21.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	10.575	79	57741	20.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.320%
47) 2-Hexanone-d5	10.922	63	65050	49.863	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129988	27.631	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.520%
66) 1,2-Dichlorobenzene-d4	13.855	152	135595	23.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	96373	25.325	ug/L	# 86
3) Chloromethane	2.229	50	123272	28.188	ug/L	97
5) Vinyl chloride	2.381	62	129665	26.543	ug/L	96
6) Bromomethane	2.789	94	72014	25.882	ug/L	98
8) Chloroethane	2.936	64	76224	27.107	ug/L	98
9) Trichlorofluoromethane	3.265	101	105314	30.558	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	119073	27.591	ug/L	98
12) 1,1-Dichloroethene	4.045	96	107701	25.680	ug/L	91
13) Acetone	4.119	43	74345	53.056	ug/L	99
14) Carbon disulfide	4.387	76	276676	21.280	ug/L	99
15) Methyl Acetate	4.673	43	63885	26.693	ug/L	98
16) Methylene chloride	4.923	84	144163	24.625	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	115094	25.535	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	205630	26.443	ug/L	99
19) 1,1-Dichloroethane	6.222	63	260297	28.305	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	139699	27.445	ug/L	97
22) 2-Butanone	7.173	43	100416	47.876	ug/L	99
23) Bromochloromethane	7.514	128	56283	26.782	ug/L	90
25) Chloroform	7.679	83	248173	28.834	ug/L	96

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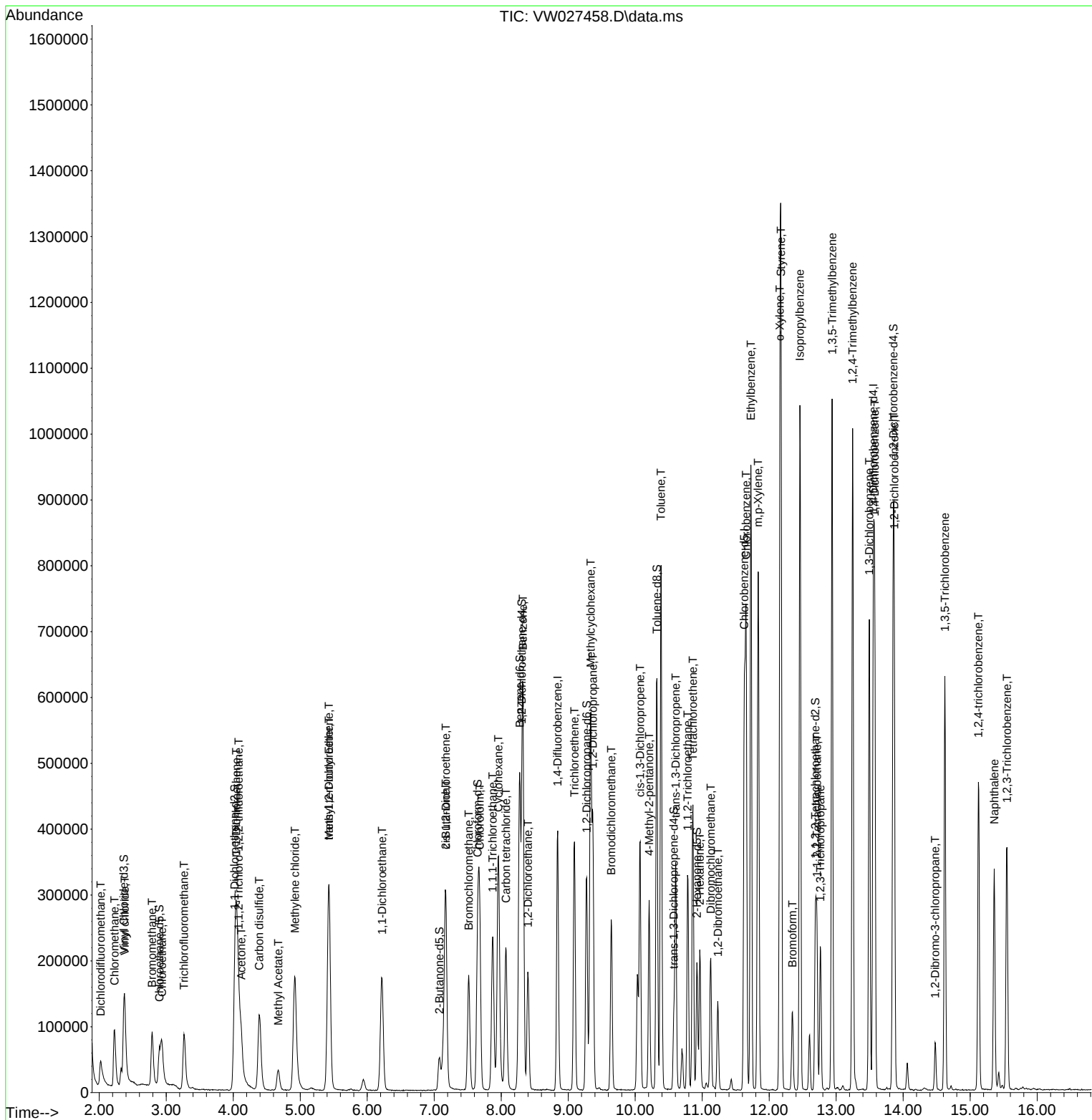
Instrument :
 MSVOA_W
 ClientSampleId :

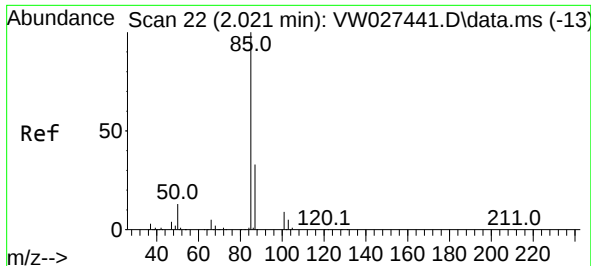
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	165058	28.232	ug/L	98
29) Cyclohexane	7.959	56	224953	24.281	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	191742	25.761	ug/L	97
31) Carbon tetrachloride	8.069	117	165817	24.707	ug/L	100
33) Benzene	8.325	78	535392	26.848	ug/L	100
34) Trichloroethene	9.093	95	138878	26.365	ug/L	94
35) Methylcyclohexane	9.337	83	229427	24.356	ug/L	99
37) 1,2-Dichloropropane	9.368	63	149809	27.784	ug/L	99
38) Bromodichloromethane	9.642	83	176103	26.561	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	225900	25.363	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	194938	52.571	ug/L	98
42) Toluene	10.386	91	558943	26.719	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	182870	24.333	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	103509	27.897	ug/L	96
46) Tetrachloroethene	10.861	164	91712	25.215	ug/L	95
48) 2-Hexanone	10.965	43	141118	51.419	ug/L	97
49) Dibromochloromethane	11.129	129	102267	24.819	ug/L	96
50) 1,2-Dibromoethane	11.233	107	91542	25.447	ug/L	98
51) Chlorobenzene	11.654	112	353335	26.973	ug/L	98
52) Ethylbenzene	11.727	91	643941	26.490	ug/L	93
53) m,p-Xylene	11.837	106	238910	25.912	ug/L	95
54) o-Xylene	12.160	106	235693	26.694	ug/L	100
55) Styrene	12.178	104	406606	26.965	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	126731	27.979	ug/L	100
59) Bromoform	12.349	173	53388	22.484	ug/L	98
60) Isopropylbenzene	12.458	105	657972	26.247	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	91862	26.365	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	536163	25.641	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	529397	25.875	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	268770	26.439	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	262650	25.872	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	238711	26.463	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	18684	21.456	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	169387	25.668	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	142360	25.345	ug/L	97
71) Naphthalene	15.360	128	270148	23.388	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	119825	25.944	ug/L	91

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

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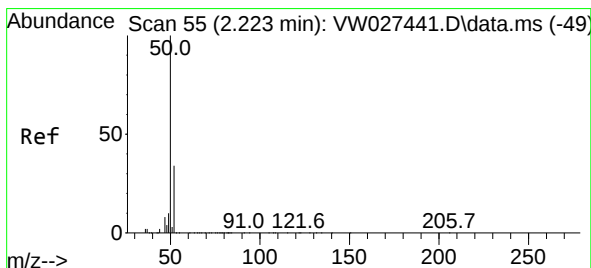
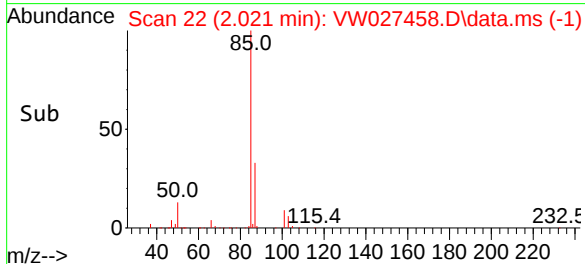
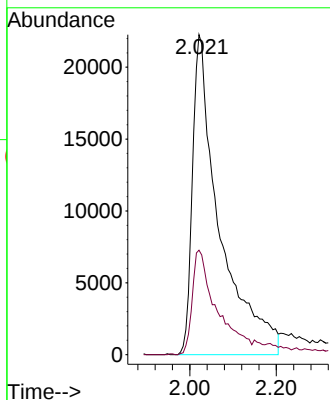
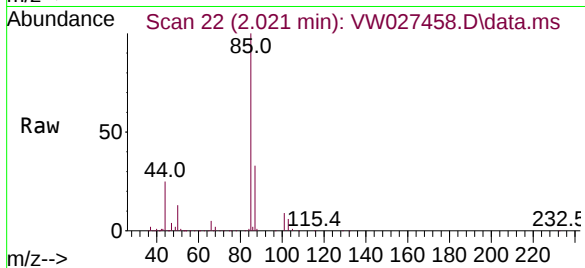




#2
 Dichlorodifluoromethane
 Concen: 25.325 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027458.D
 Acq: 26 Oct 2023 18:21

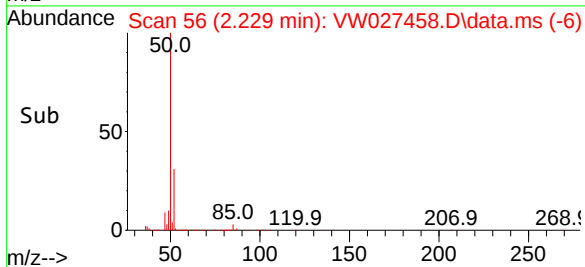
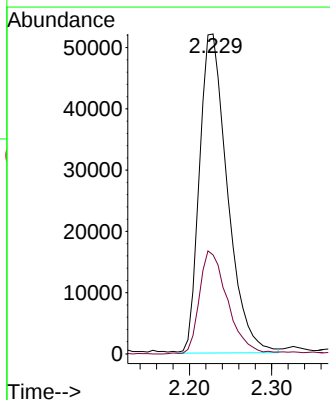
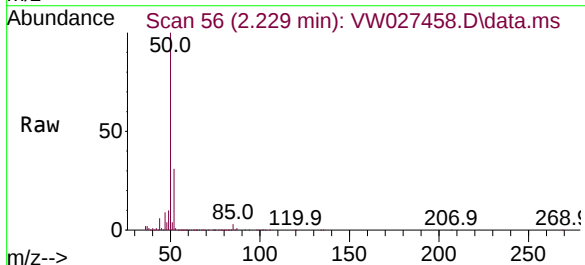
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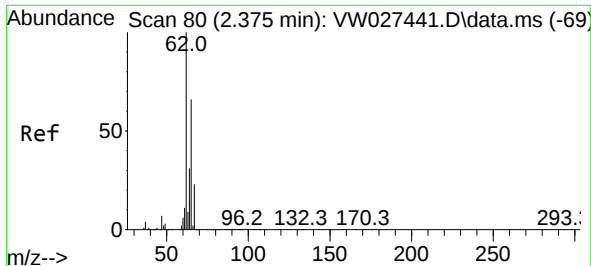
Tgt Ion: 85 Resp: 96373
 Ion Ratio Lower Upper
 85 100
 87 29.8 18.3 27.5#



#3
 Chloromethane
 Concen: 28.188 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027458.D
 Acq: 26 Oct 2023 18:21

Tgt Ion: 50 Resp: 123272
 Ion Ratio Lower Upper
 50 100
 52 30.9 22.7 42.3

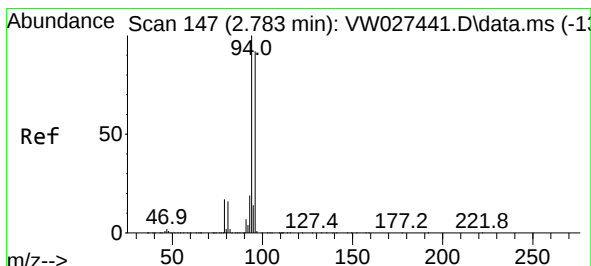
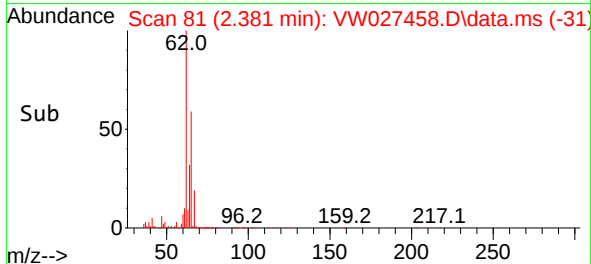
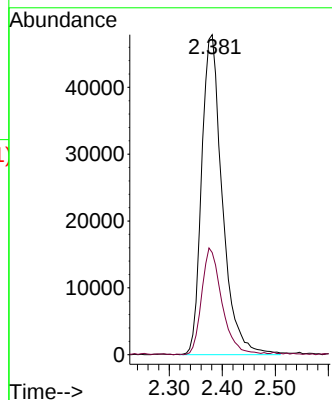
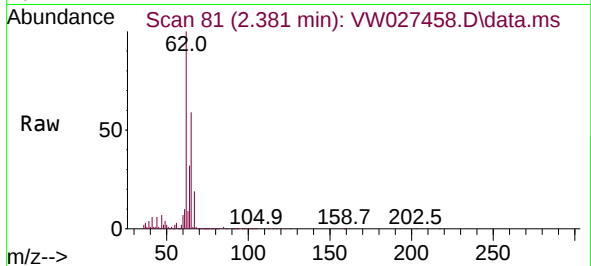




#5
 Vinyl chloride
 Concen: 26.543 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027458.D
 Acq: 26 Oct 2023 18:21

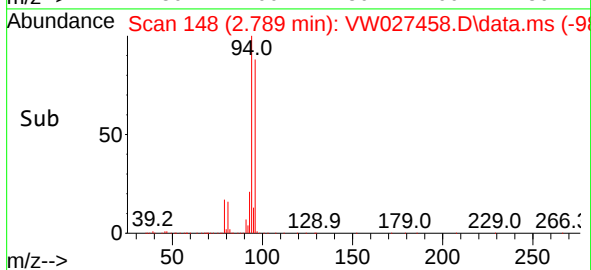
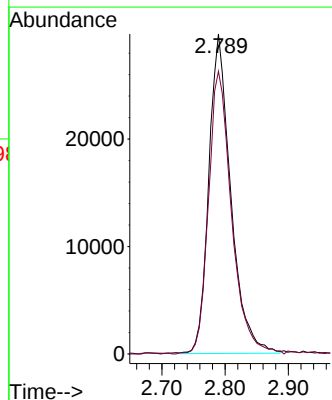
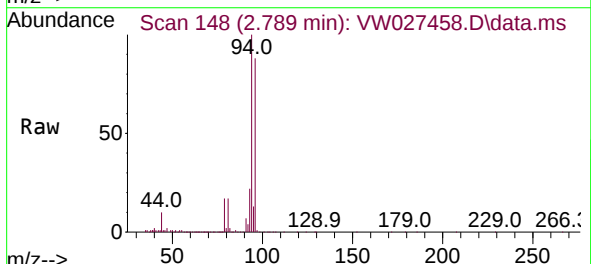
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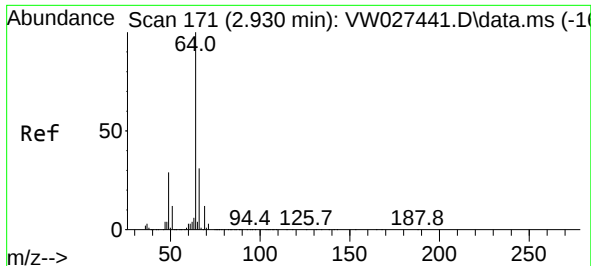
Tgt Ion: 62 Resp: 129665
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.8 44.2



#6
 Bromomethane
 Concen: 25.882 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027458.D
 Acq: 26 Oct 2023 18:21

Tgt Ion: 94 Resp: 72014
 Ion Ratio Lower Upper
 94 100
 96 88.3 62.9 116.9

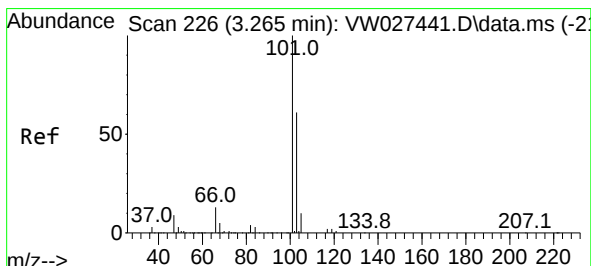
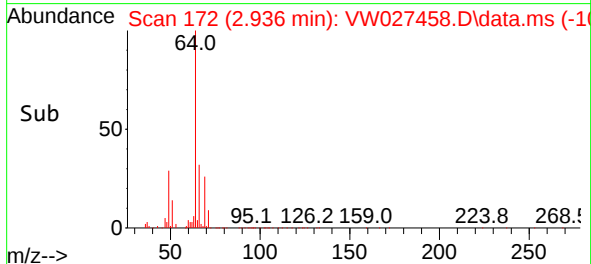
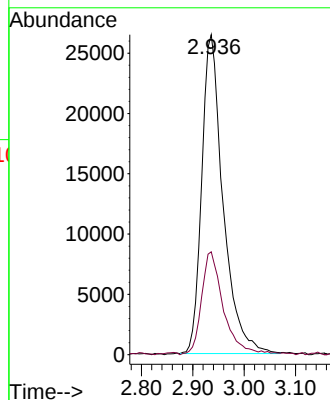
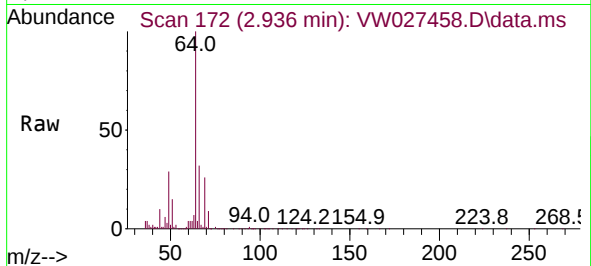




#8
Chloroethane
Concen: 27.107 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

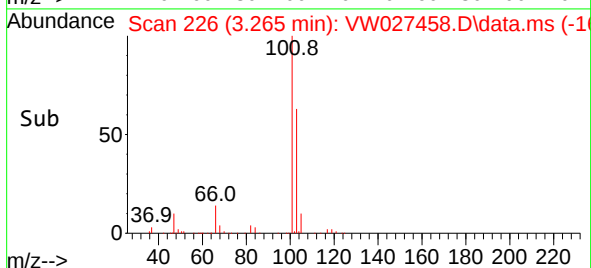
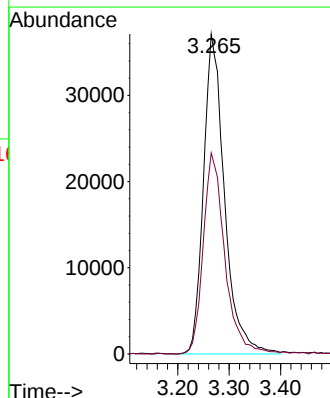
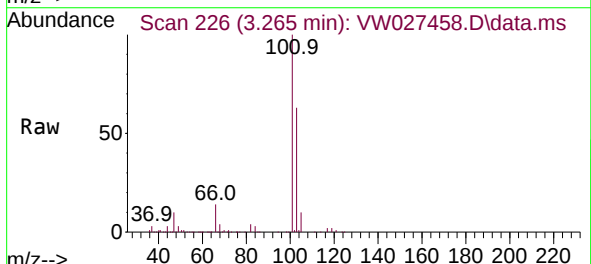
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ClientSampleId :

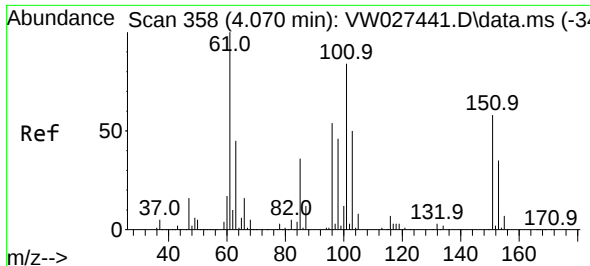
Tgt Ion: 64 Resp: 76224
Ion Ratio Lower Upper
64 100
66 32.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 30.558 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion:101 Resp: 105314
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

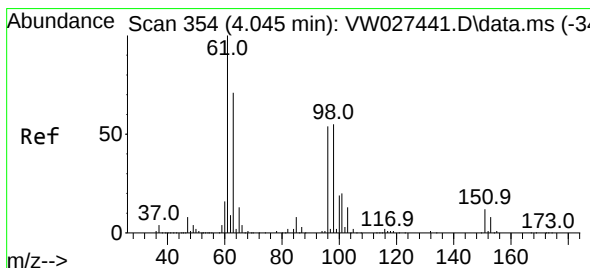
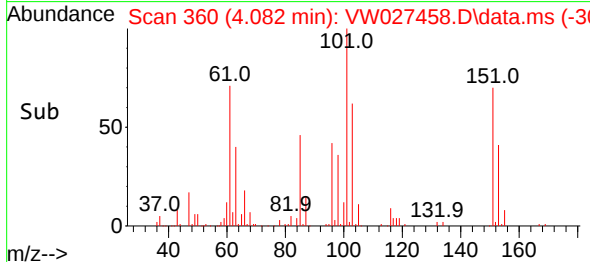
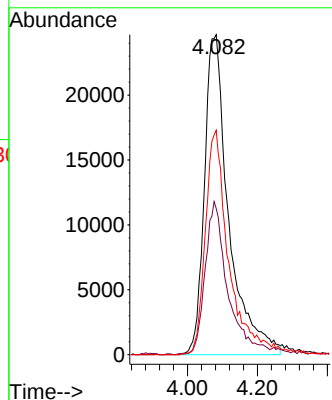
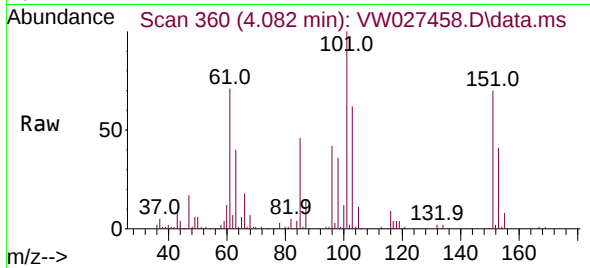




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.591 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.012 min
 Lab File: VW027458.D
 Acq: 26 Oct 2023 18:21

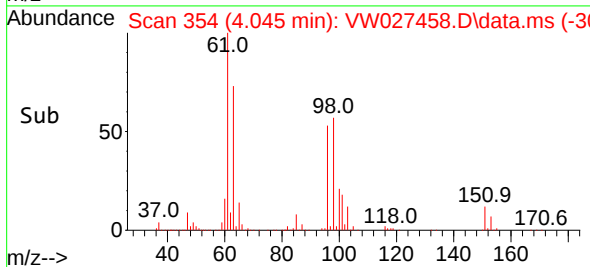
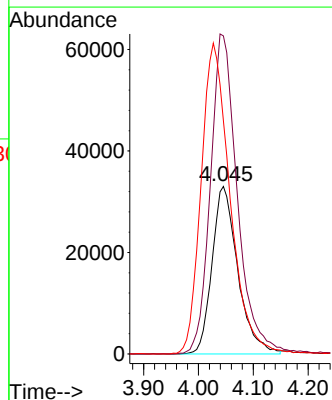
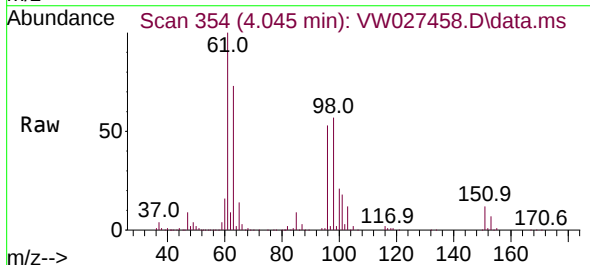
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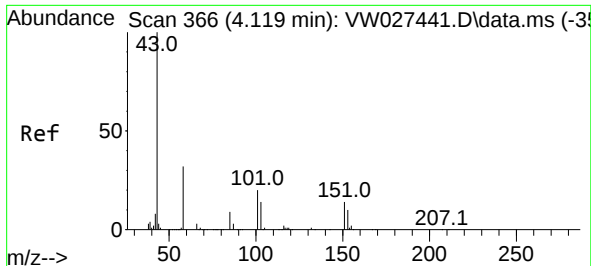
Tgt Ion:101 Resp: 119073
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.1 51.1
 151 60.3 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 25.680 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027458.D
 Acq: 26 Oct 2023 18:21

Tgt Ion: 96 Resp: 107701
 Ion Ratio Lower Upper
 96 100
 61 189.8 133.3 247.5
 63 139.2 115.8 215.2

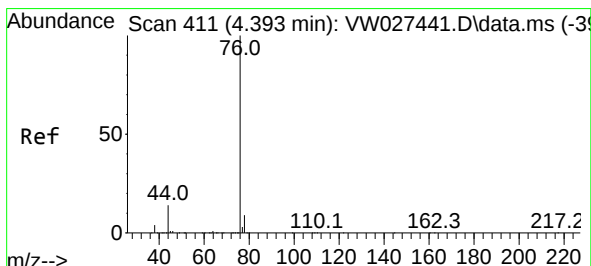
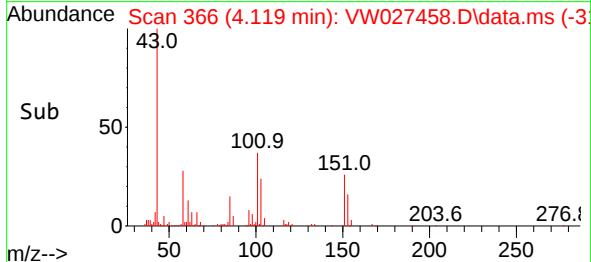
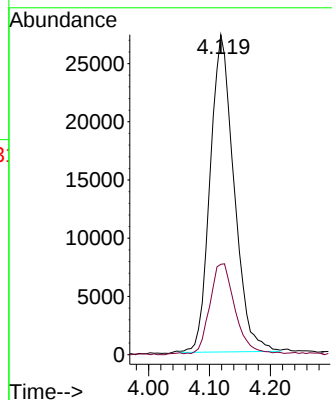
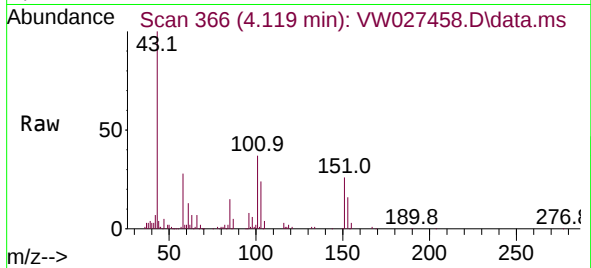




#13
Acetone
Concen: 53.056 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

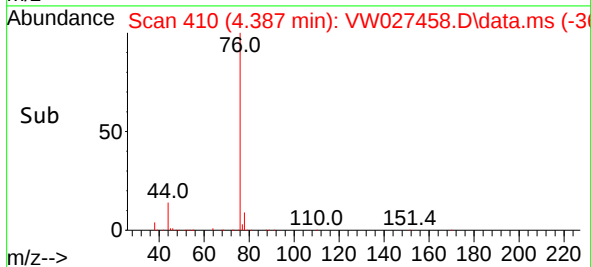
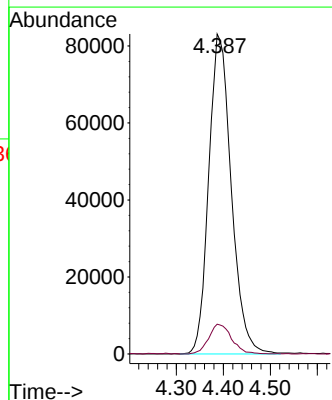
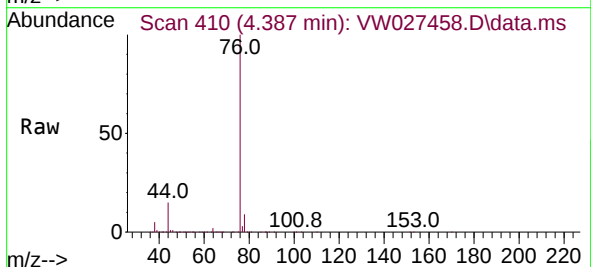
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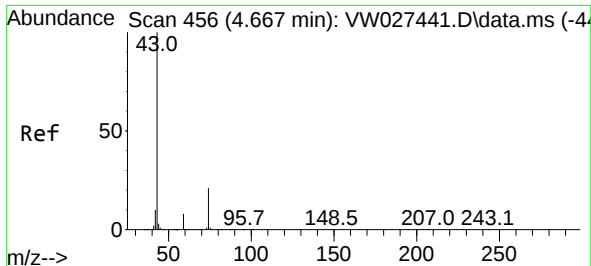
Tgt Ion: 43 Resp: 74345
Ion Ratio Lower Upper
43 100
58 29.9 0.0 60.8



#14
Carbon disulfide
Concen: 21.280 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion: 76 Resp: 276676
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

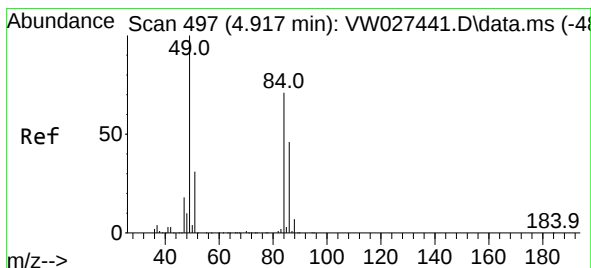
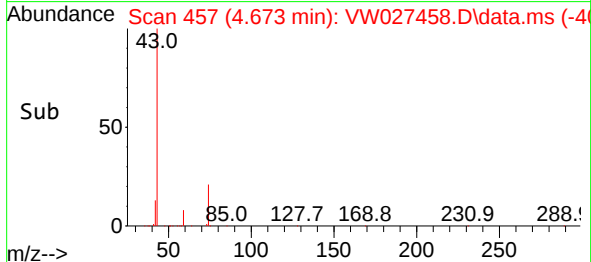
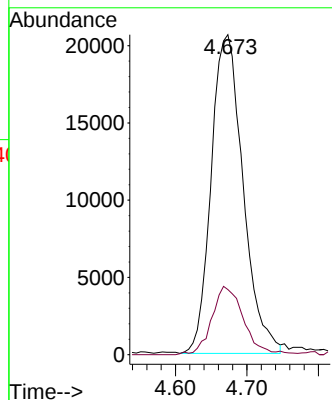
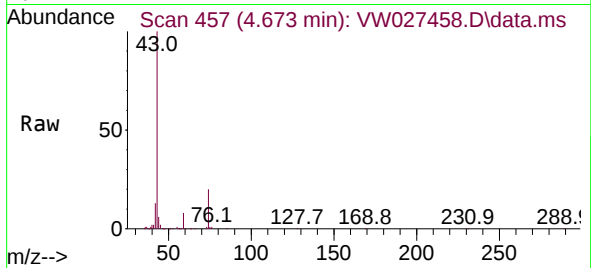




#15
Methyl Acetate
Concen: 26.693 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

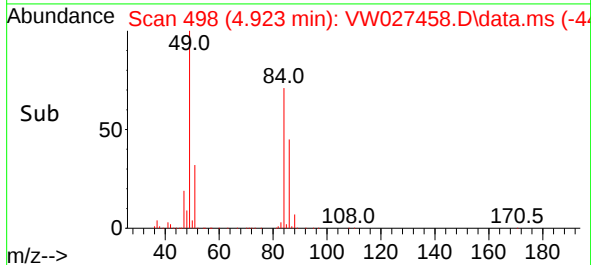
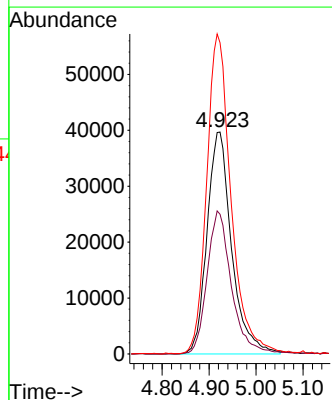
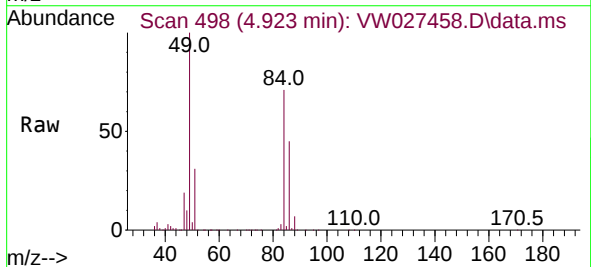
Instrument :
MSVOA_W
ClientSampleId :

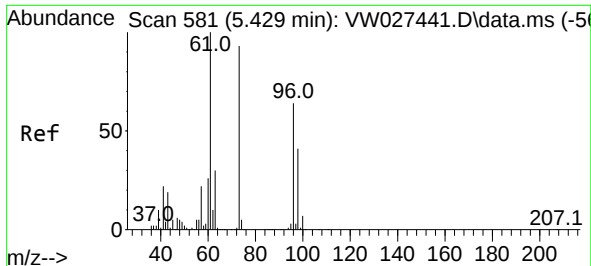
Tgt Ion: 43 Resp: 63885
Ion Ratio Lower Upper
43 100
74 20.8 17.5 26.3



#16
Methylene chloride
Concen: 24.625 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

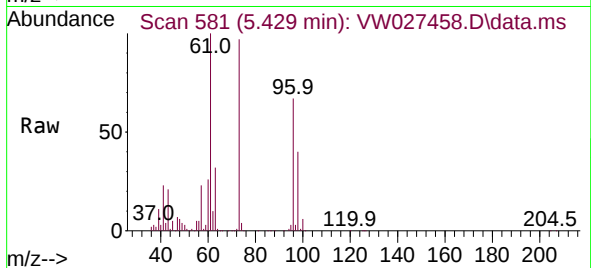
Tgt Ion: 84 Resp: 144163
Ion Ratio Lower Upper
84 100
86 63.0 41.3 76.7
49 140.3 92.8 172.4



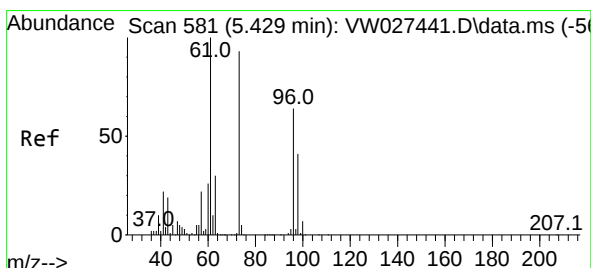
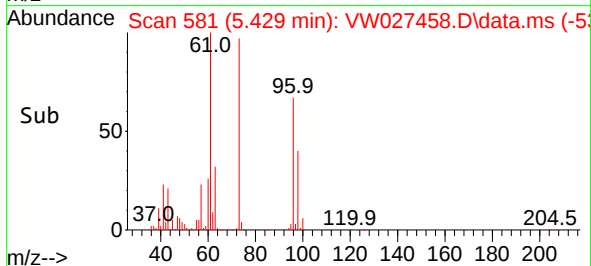
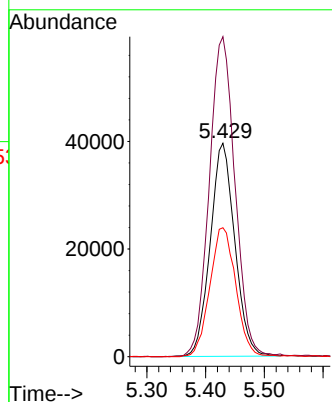


#17
trans-1,2-Dichloroethene
Concen: 25.535 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Instrument :
MSVOA_W
ClientSampleId :

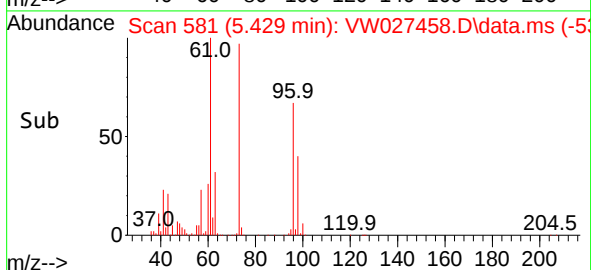
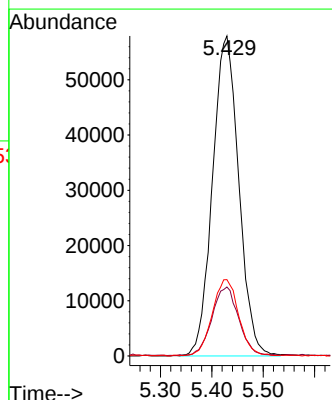
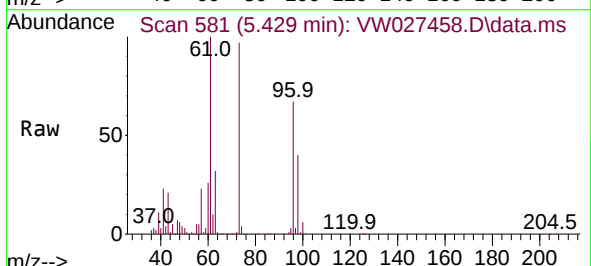


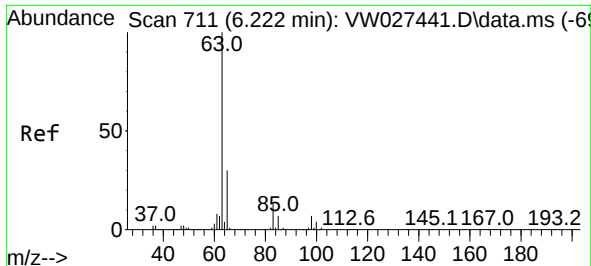
Tgt Ion: 96 Resp: 115094
Ion Ratio Lower Upper
96 100
61 149.9 105.6 196.0
98 60.4 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 26.443 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion: 73 Resp: 205630
Ion Ratio Lower Upper
73 100
43 21.5 17.7 26.5
57 23.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 28.305 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

ClientSampleId :

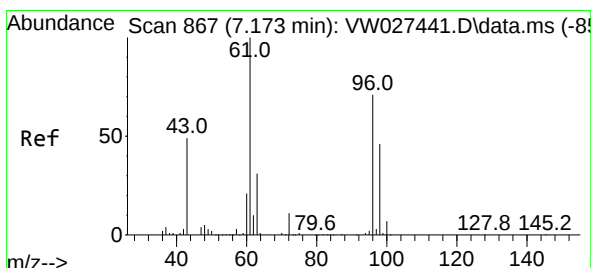
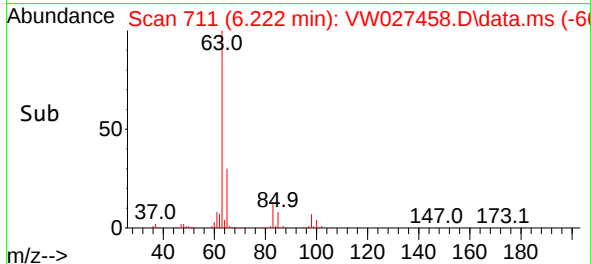
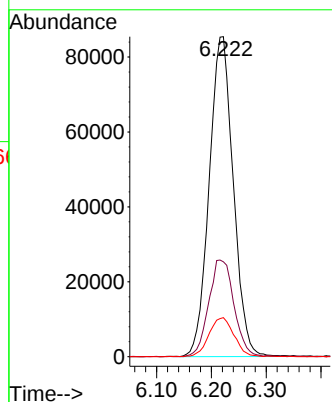
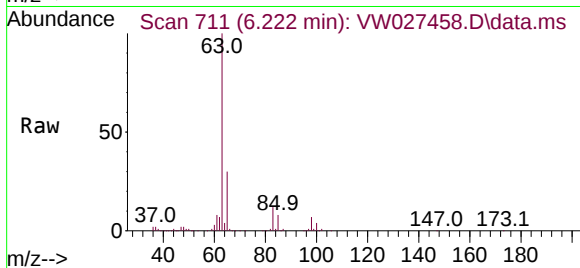
Tgt Ion: 63 Resp: 260297

Ion Ratio Lower Upper

63 100

65 29.6 22.9 42.5

83 12.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 27.445 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

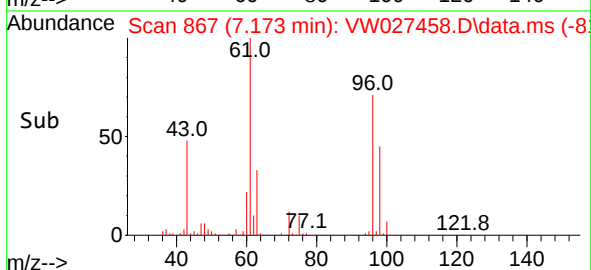
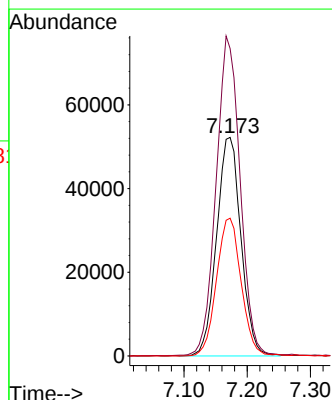
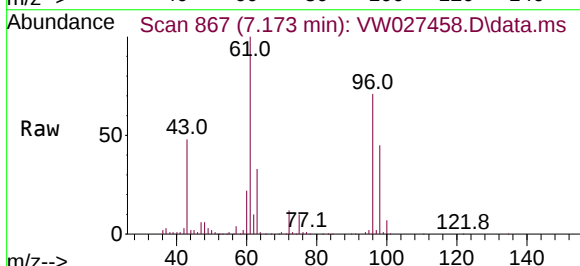
Tgt Ion: 96 Resp: 139699

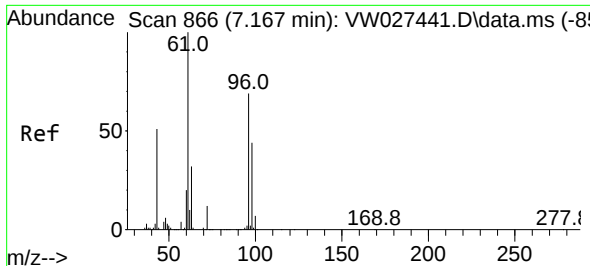
Ion Ratio Lower Upper

96 100

61 140.6 96.2 178.8

98 63.0 46.0 85.4

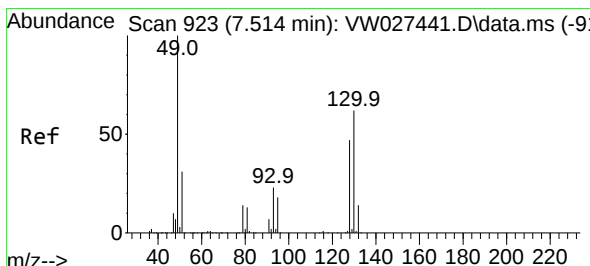
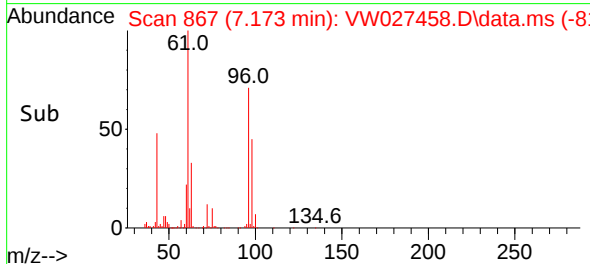
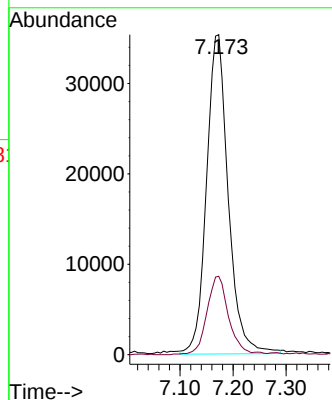
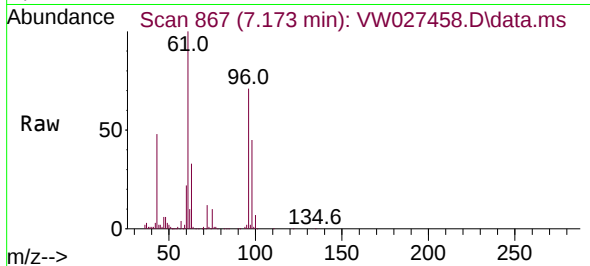




#22
2-Butanone
Concen: 47.876 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

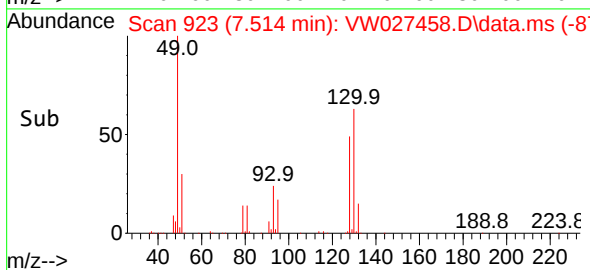
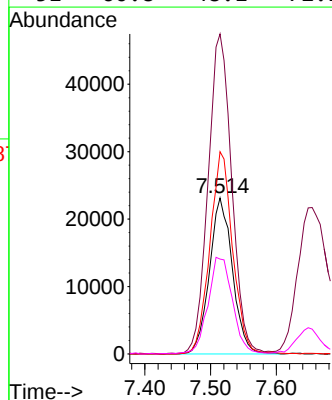
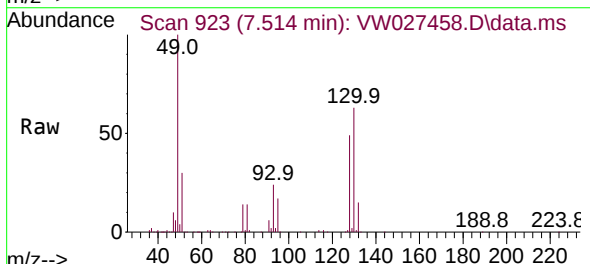
Instrument :
MSVOA_W
ClientSampleId :

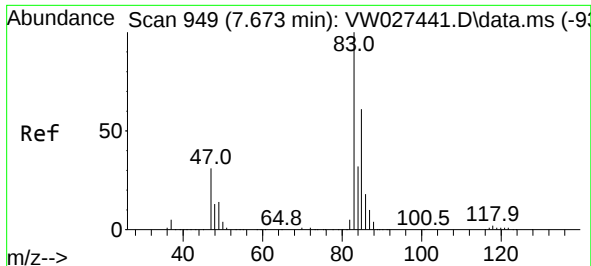
Tgt Ion: 43 Resp: 100416
Ion Ratio Lower Upper
43 100
72 24.1 12.3 36.8



#23
Bromochloromethane
Concen: 26.782 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion: 128 Resp: 56283
Ion Ratio Lower Upper
128 100
49 205.0 128.9 239.5
130 129.6 85.0 157.8
51 60.8 48.1 72.1

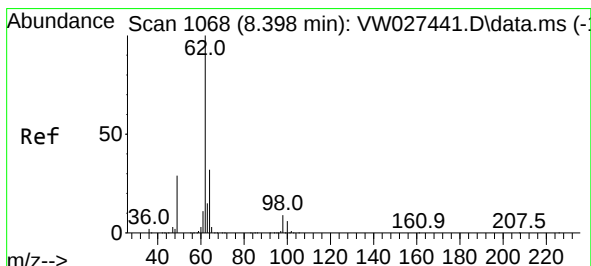
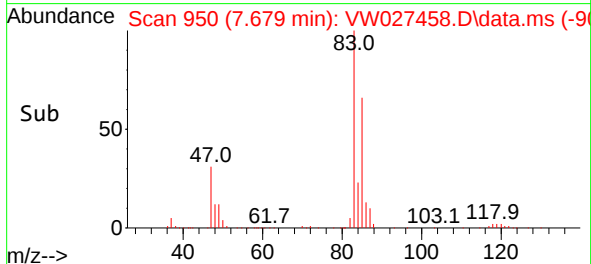
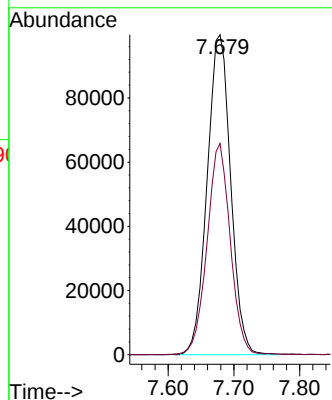
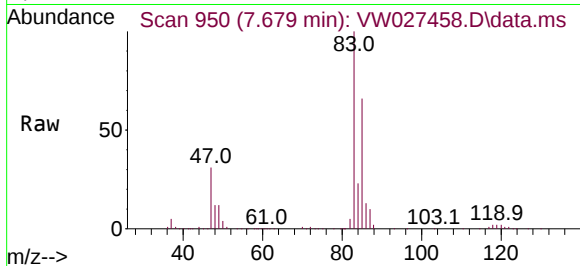




#25
Chloroform
Concen: 28.834 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

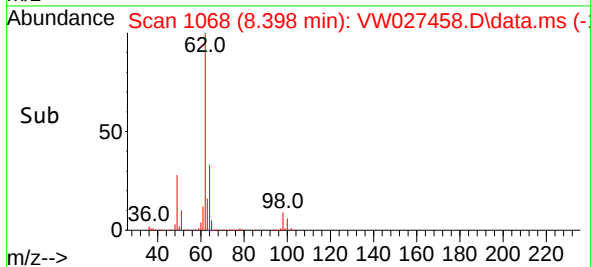
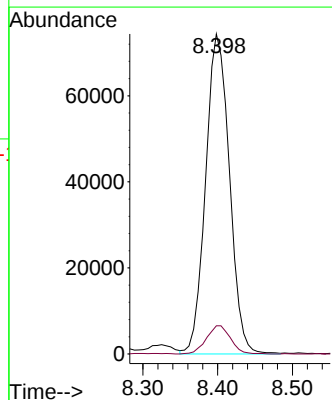
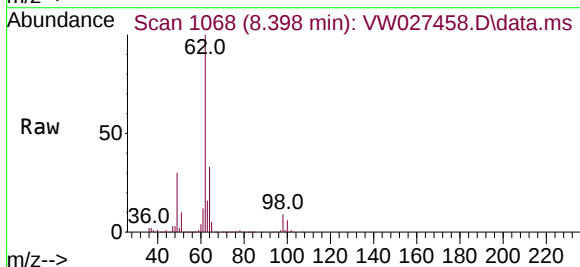
Instrument :
MSVOA_W
ClientSampleId :

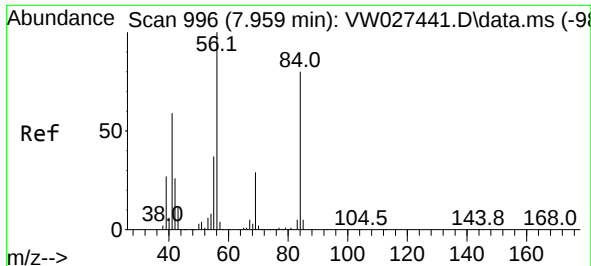
Tgt Ion: 83 Resp: 248173
Ion Ratio Lower Upper
83 100
85 66.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 28.232 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion: 62 Resp: 165058
Ion Ratio Lower Upper
62 100
98 8.8 7.5 11.3





#29

Cyclohexane

Concen: 24.281 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

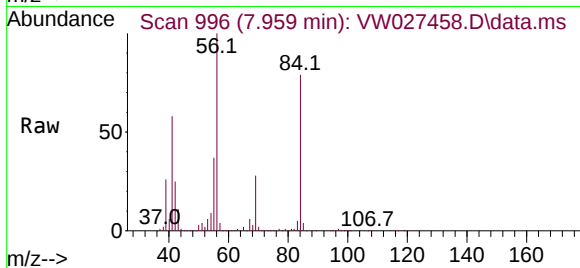
Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

ClientSampleId :



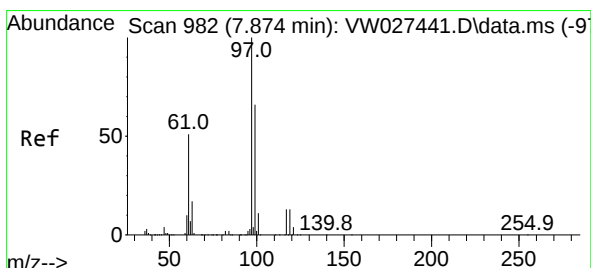
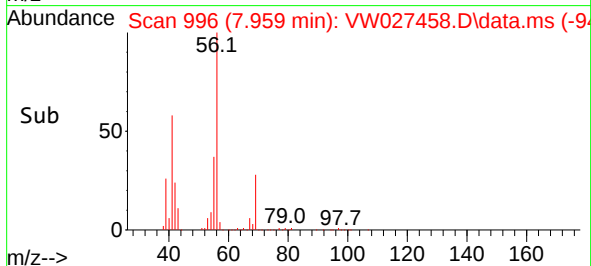
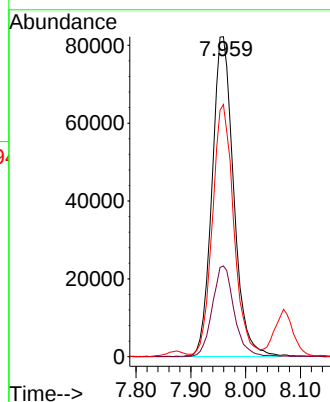
Tgt Ion: 56 Resp: 224953

Ion Ratio Lower Upper

56 100

69 28.5 24.2 36.4

84 78.0 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 25.761 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

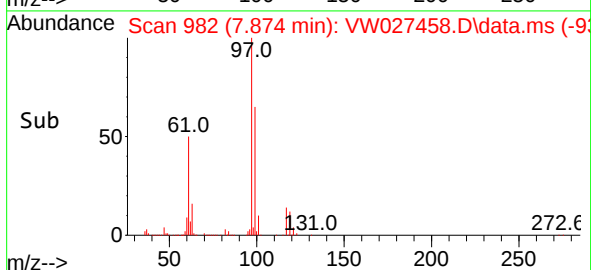
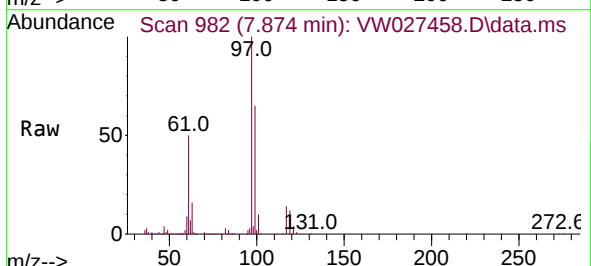
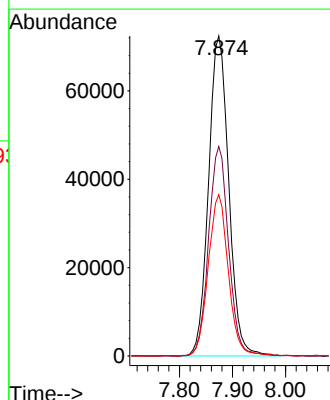
Tgt Ion: 97 Resp: 191742

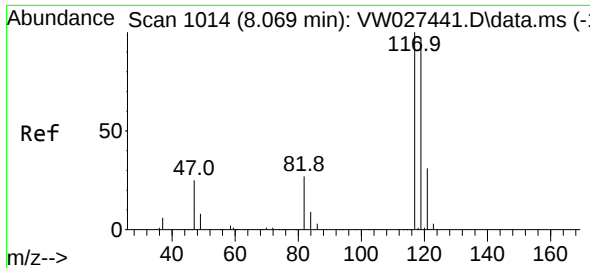
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

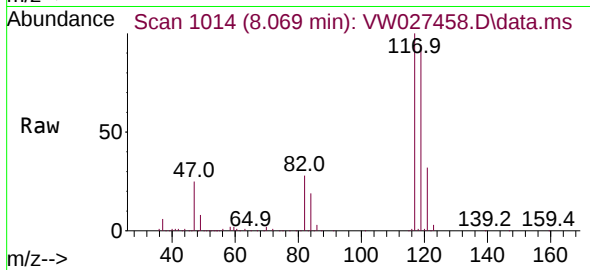
61 50.3 37.4 56.0



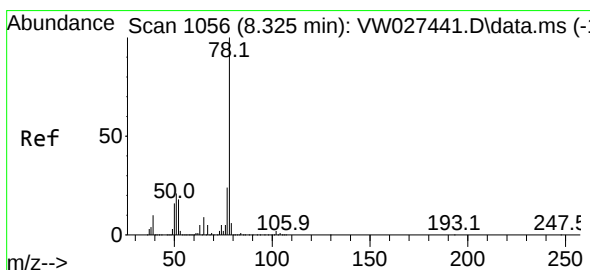
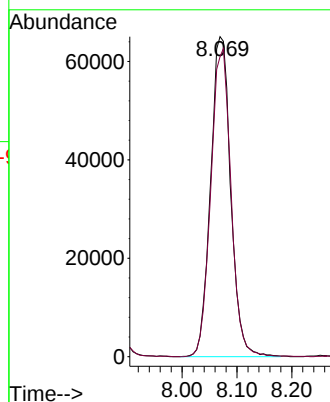
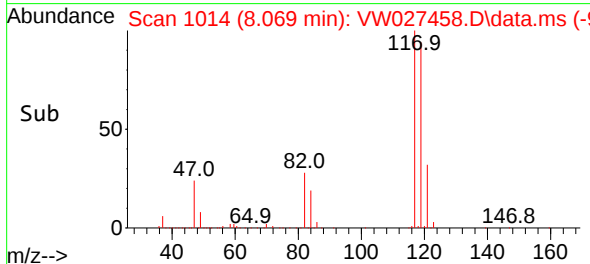


#31
Carbon tetrachloride
Concen: 24.707 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Instrument :
MSVOA_W
ClientSampleId :

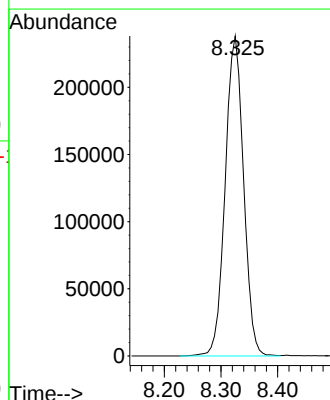
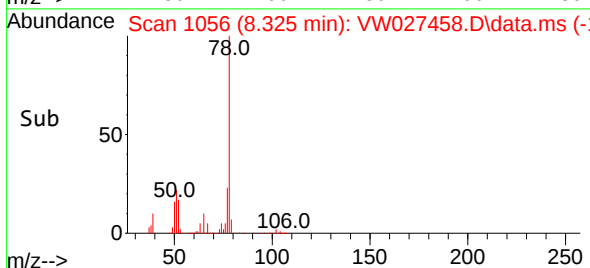
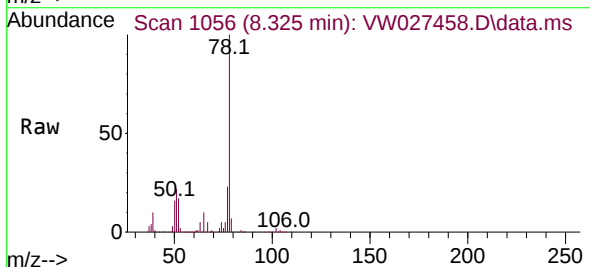


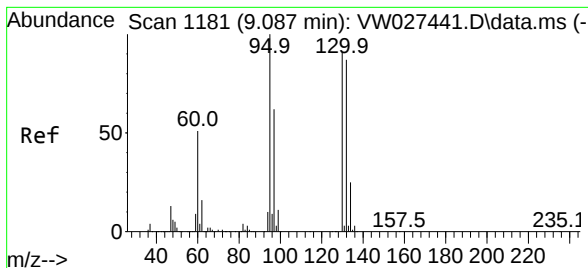
Tgt Ion:117 Resp: 165817
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 26.848 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion: 78 Resp: 535392





#34

Trichloroethene

Concen: 26.365 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

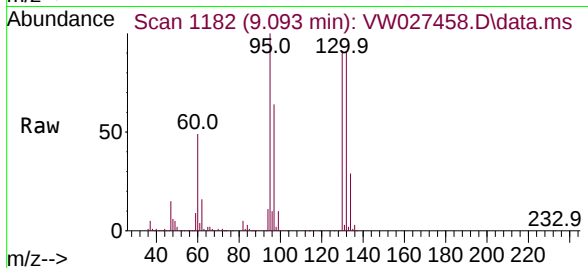
Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 138878

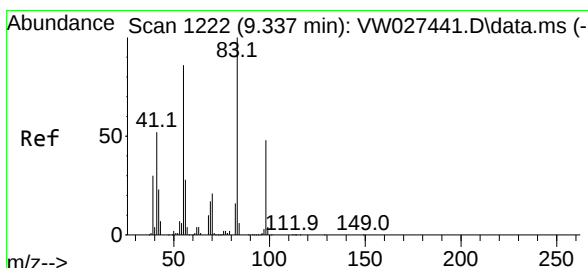
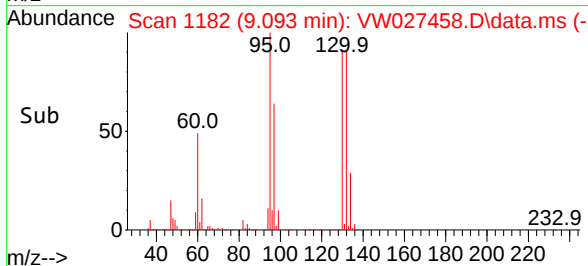
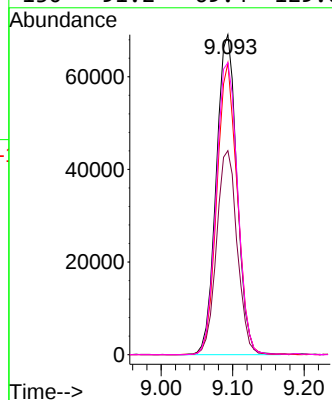
Ion Ratio Lower Upper

95 100

97 63.8 43.4 80.6

132 91.1 67.6 125.6

130 91.2 69.4 129.0



#35

Methylcyclohexane

Concen: 24.356 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

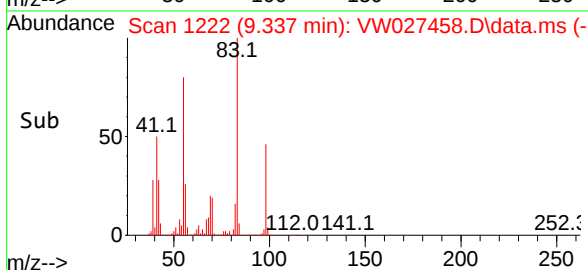
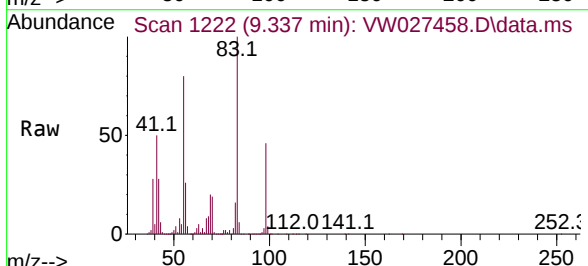
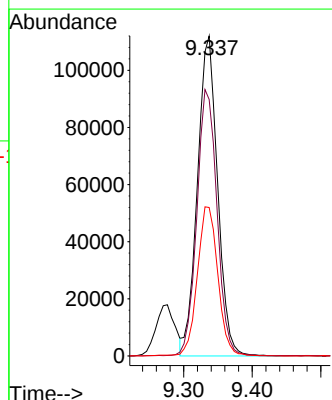
Tgt Ion: 83 Resp: 229427

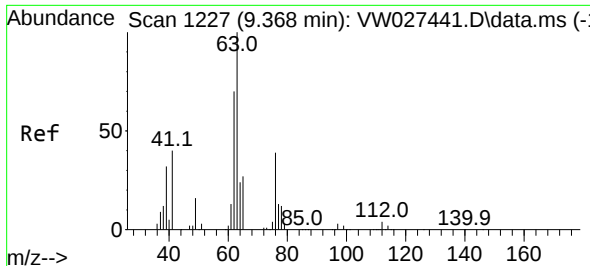
Ion Ratio Lower Upper

83 100

55 83.4 65.8 98.8

98 47.4 38.1 57.1





#37

1,2-Dichloropropane

Concen: 27.784 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

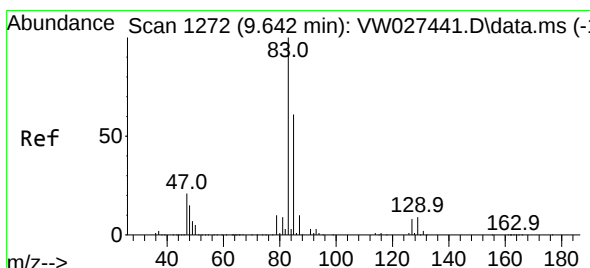
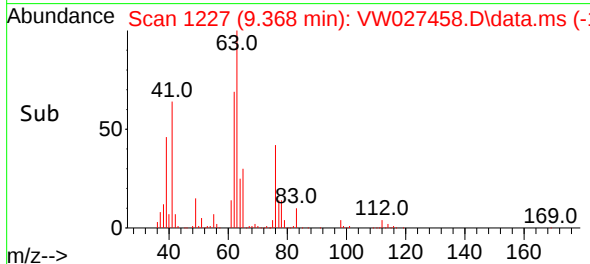
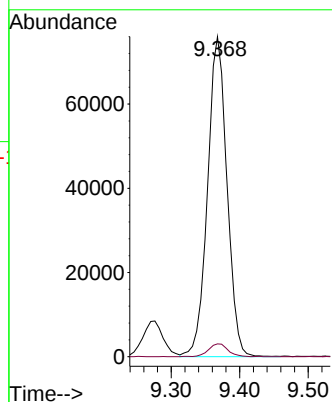
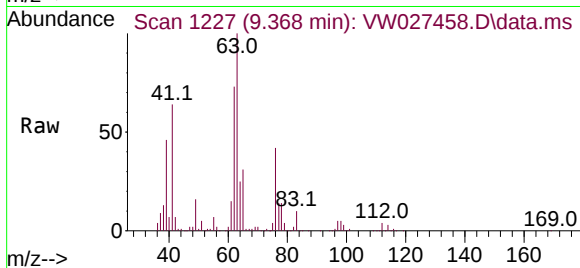
ClientSampleId :

Tgt Ion: 63 Resp: 149809

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 26.561 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

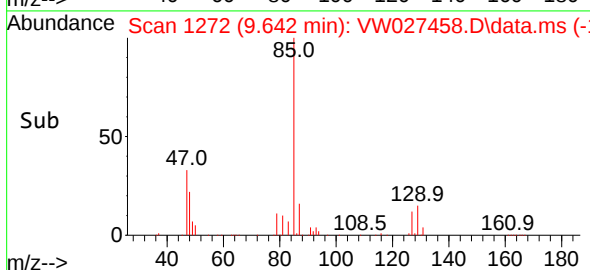
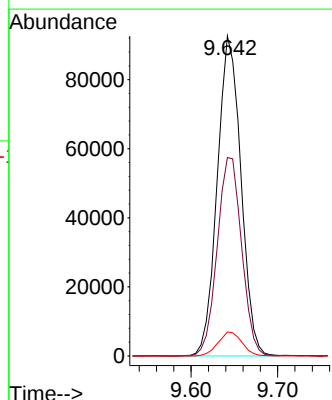
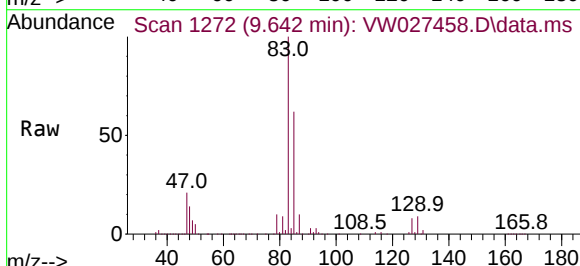
Tgt Ion: 83 Resp: 176103

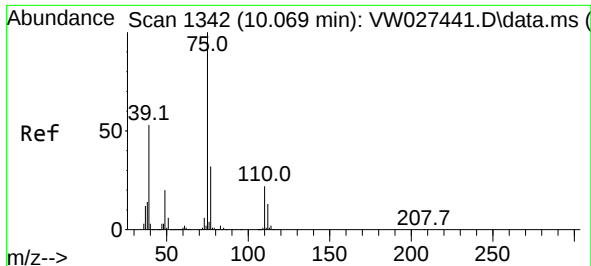
Ion Ratio Lower Upper

83 100

85 62.0 43.9 81.5

127 7.5 6.2 9.2

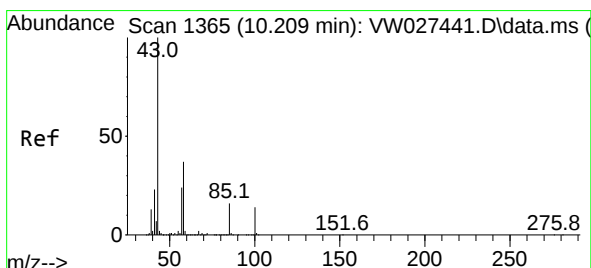
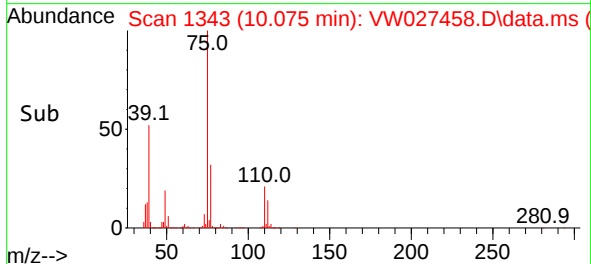
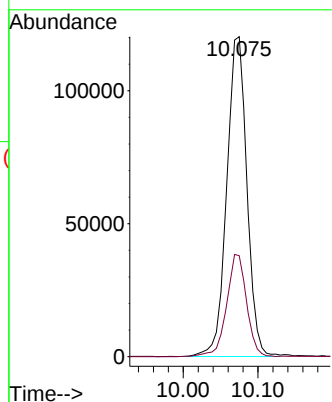
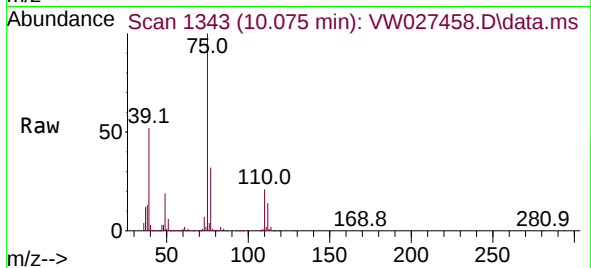




#39
cis-1,3-Dichloropropene
Concen: 25.363 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

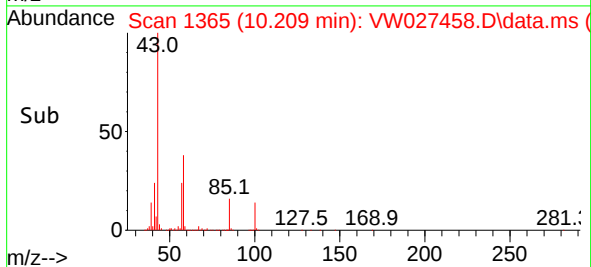
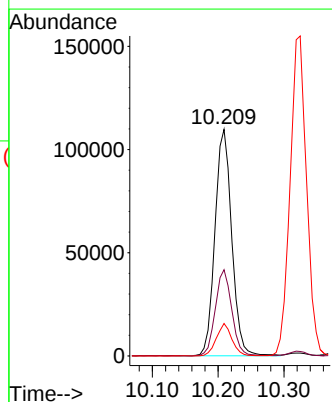
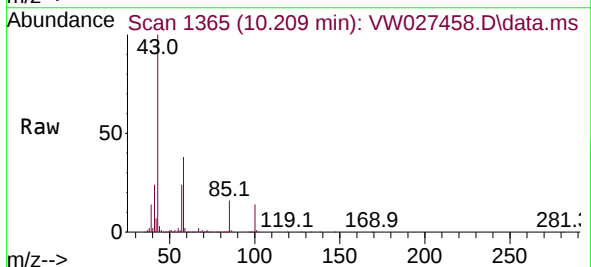
Instrument :
MSVOA_W
ClientSampleId :

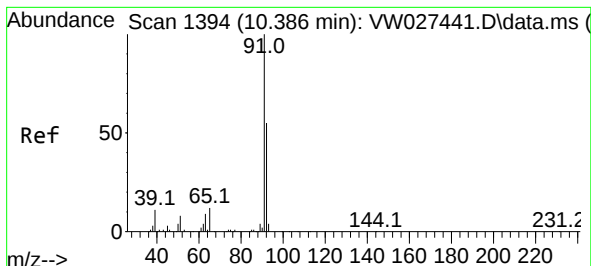
Tgt Ion: 75 Resp: 225900
Ion Ratio Lower Upper
75 100
77 31.6 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 52.571 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion: 43 Resp: 194938
Ion Ratio Lower Upper
43 100
58 37.4 30.5 45.7
100 13.4 11.5 17.3





#42

Toluene

Concen: 26.719 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

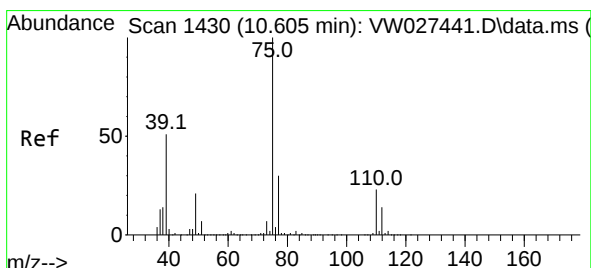
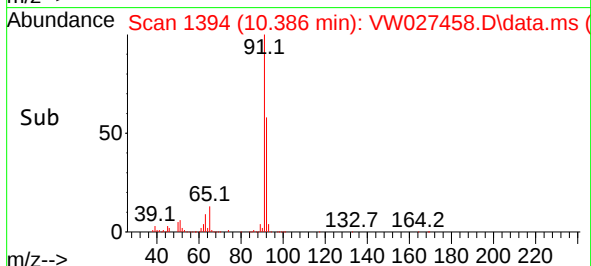
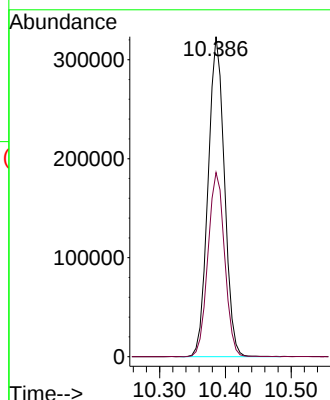
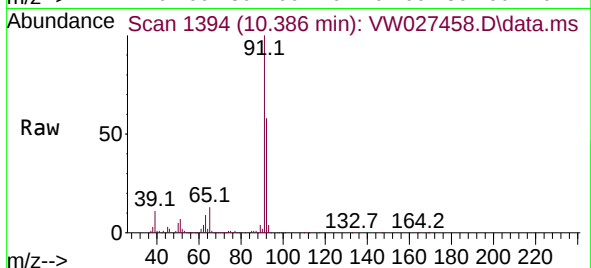
ClientSampleId :

Tgt Ion: 91 Resp: 558943

Ion Ratio Lower Upper

91 100

92 57.5 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 24.333 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027458.D

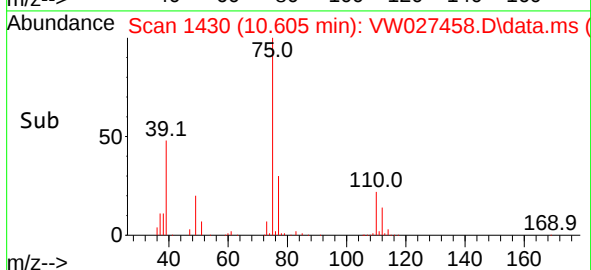
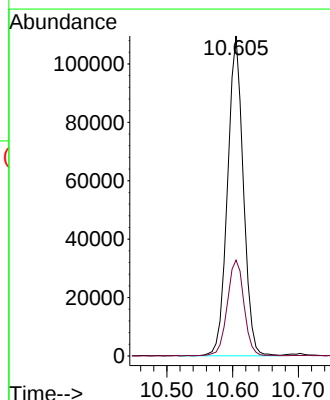
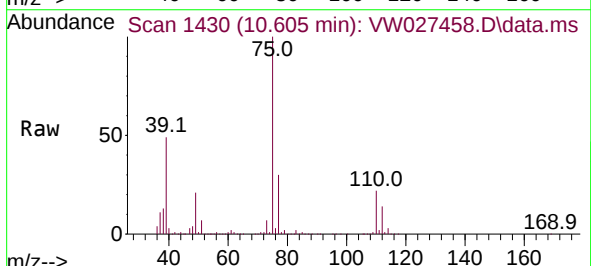
Acq: 26 Oct 2023 18:21

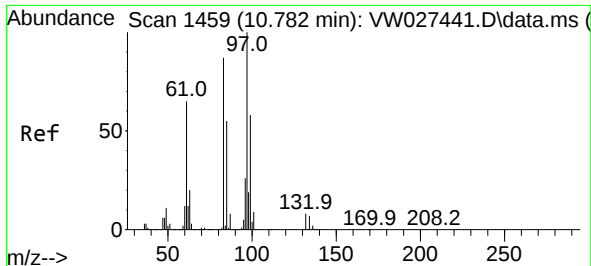
Tgt Ion: 75 Resp: 182870

Ion Ratio Lower Upper

75 100

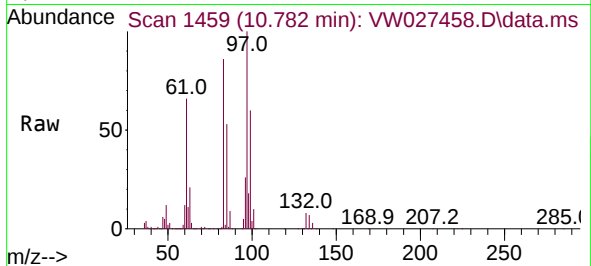
77 29.9 22.0 41.0



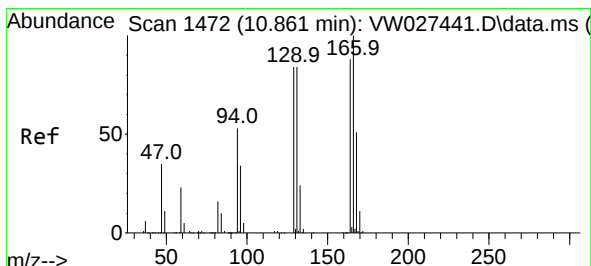
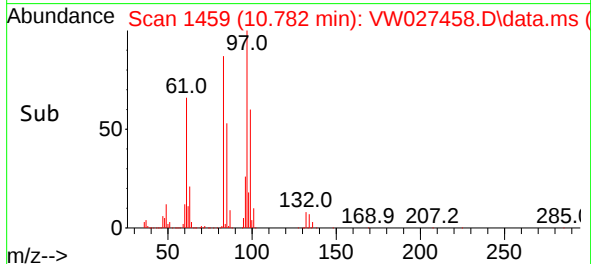
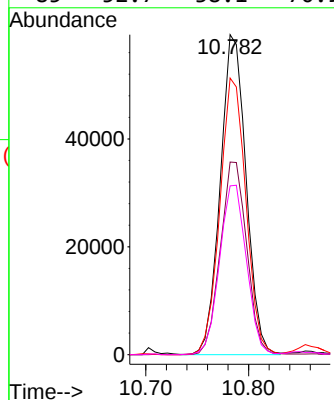


#45
1,1,2-Trichloroethane
Concen: 27.897 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Instrument :
MSVOA_W
ClientSampleId :

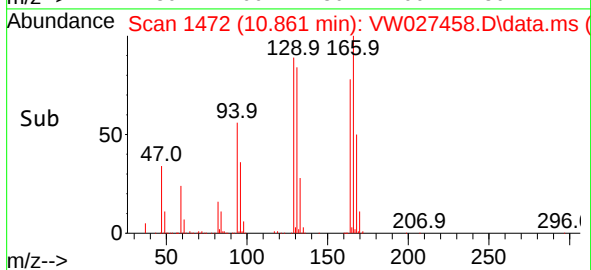
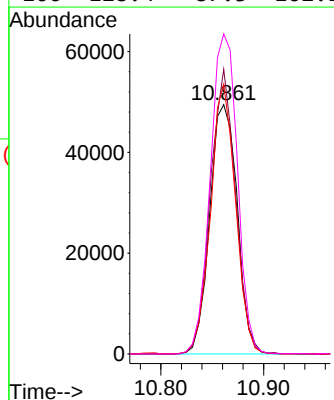
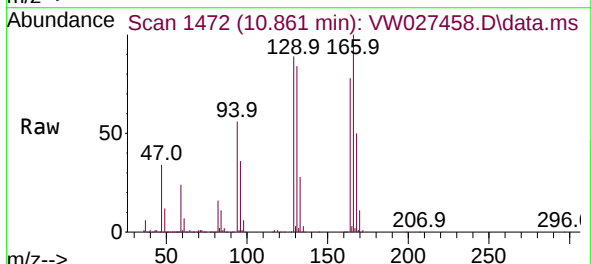


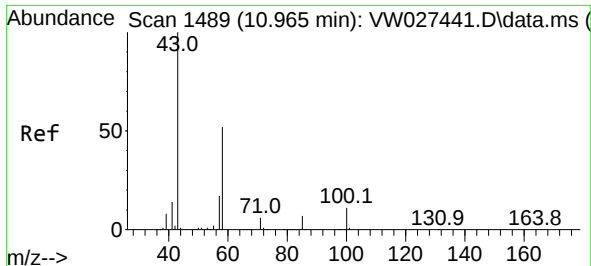
Tgt Ion:	97	Resp:	103509
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.8	81.4
83	86.5	57.5	106.7
85	52.7	38.1	70.9



#46
Tetrachloroethene
Concen: 25.215 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

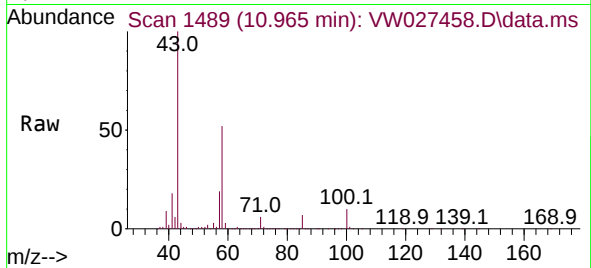
Tgt Ion:	164	Resp:	91712
Ion	Ratio	Lower	Upper
164	100		
129	114.2	74.7	138.7
131	108.1	73.2	136.0
166	128.4	87.3	162.1



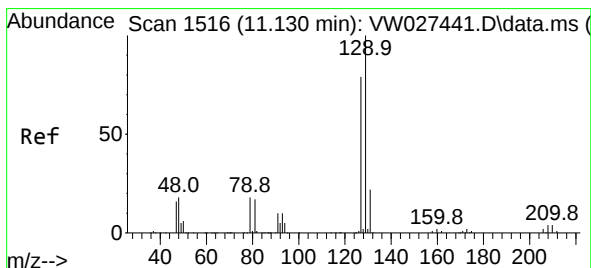
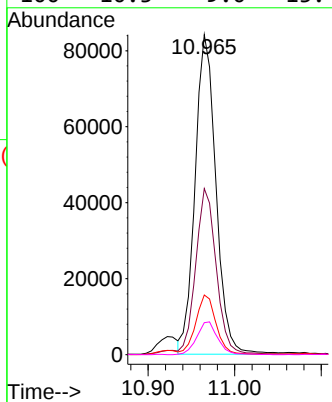
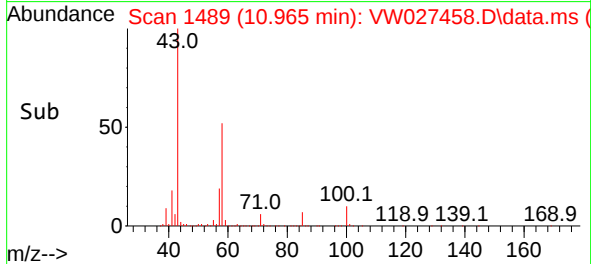


#48
2-Hexanone
Concen: 51.419 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Instrument :
MSVOA_W
ClientSampleId :

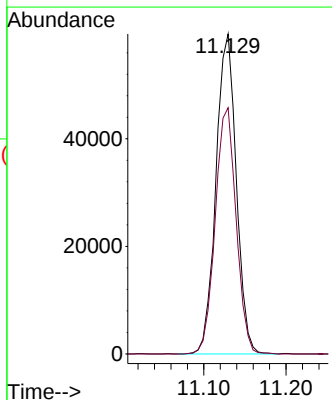
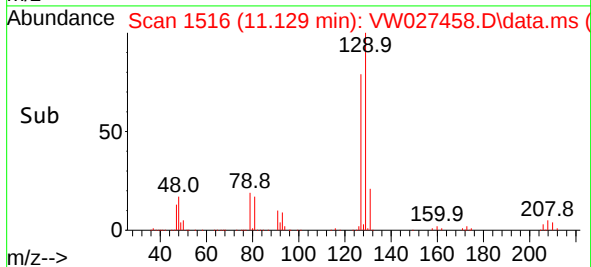
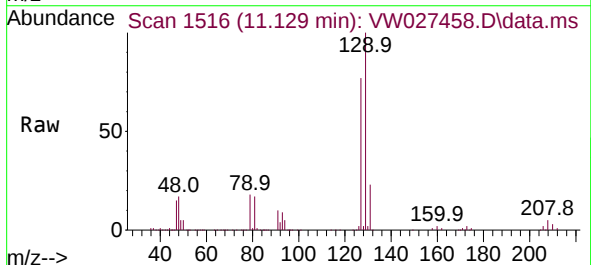


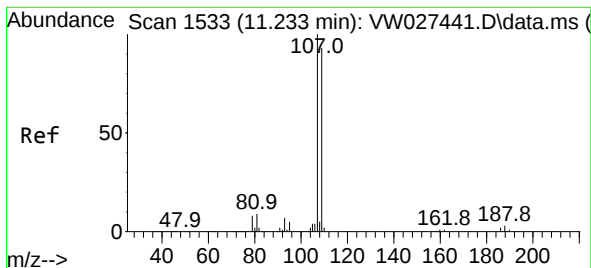
Tgt Ion: 43 Resp: 141118
Ion Ratio Lower Upper
43 100
58 50.2 42.2 63.4
57 18.2 15.1 22.7
100 10.3 9.0 13.4



#49
Dibromochloromethane
Concen: 24.819 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion:129 Resp: 102267
Ion Ratio Lower Upper
129 100
127 77.0 51.7 95.9

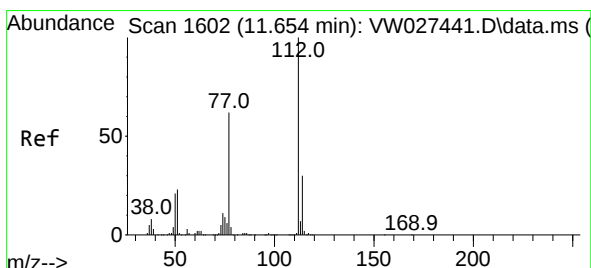
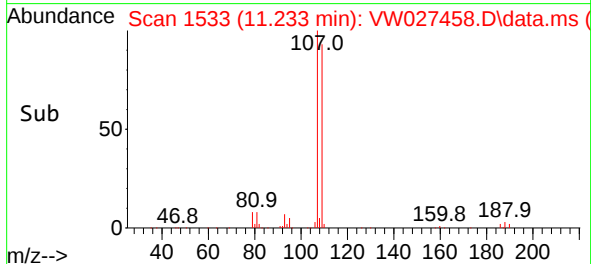
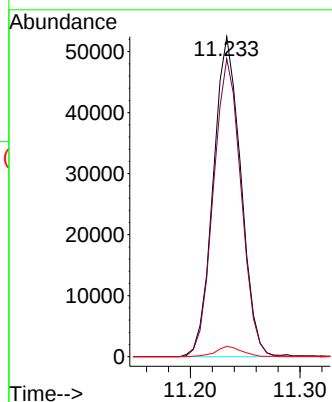
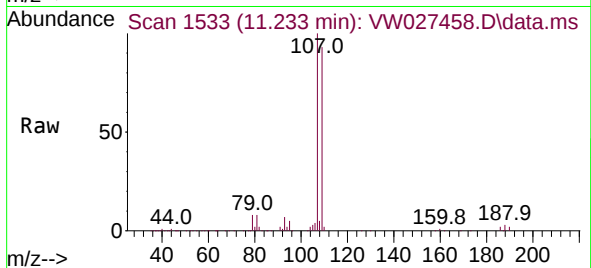




#50
1,2-Dibromoethane
Concen: 25.447 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

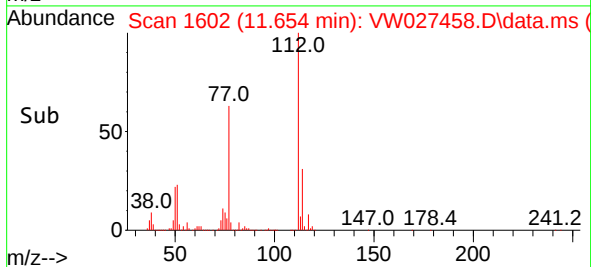
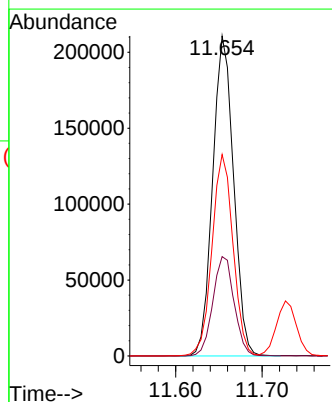
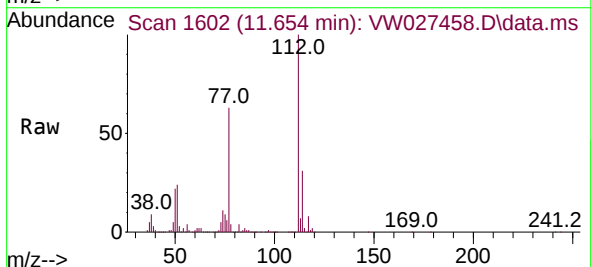
Instrument :
MSVOA_W
ClientSampleId :

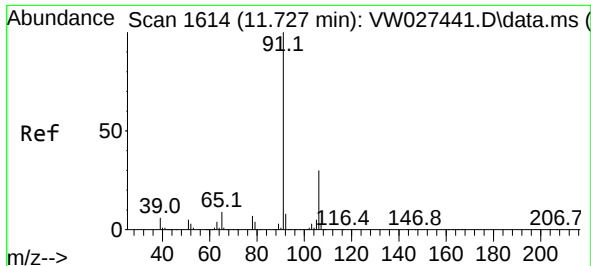
Tgt Ion:107 Resp: 91542
Ion Ratio Lower Upper
107 100
109 93.1 66.3 123.1
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 26.973 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion:112 Resp: 353335
Ion Ratio Lower Upper
112 100
114 31.0 21.8 40.6
77 63.0 52.2 78.4

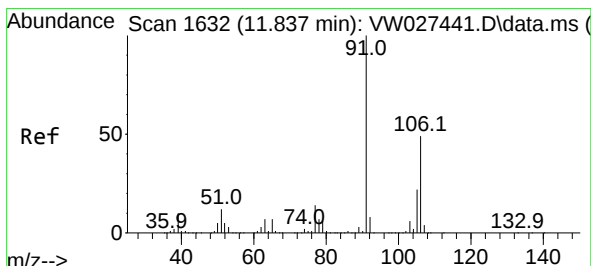
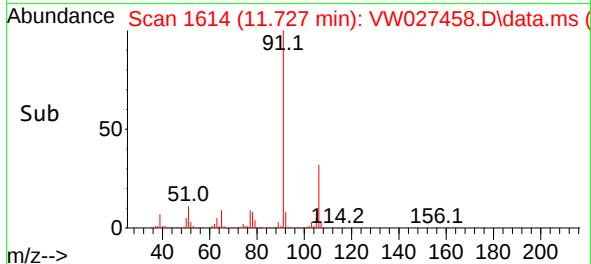
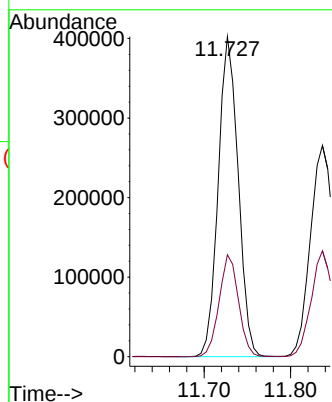
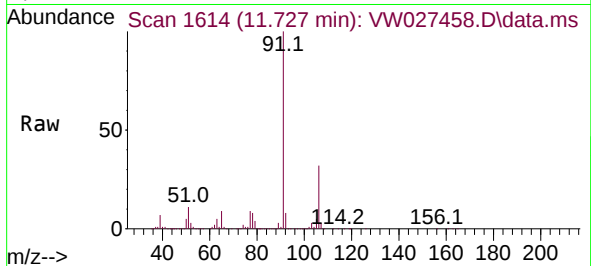




#52
Ethylbenzene
Concen: 26.490 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

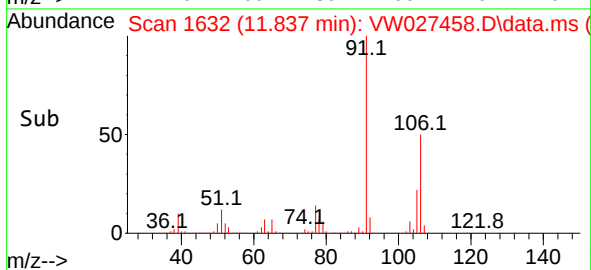
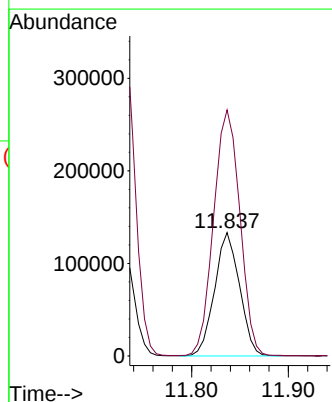
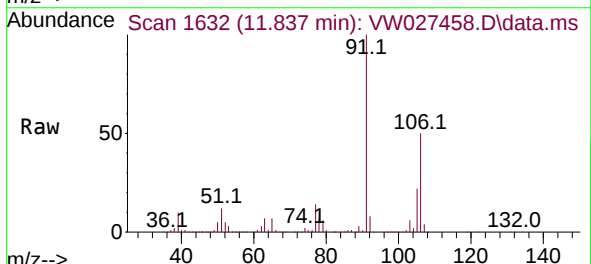
Instrument :
MSVOA_W
ClientSampleId :

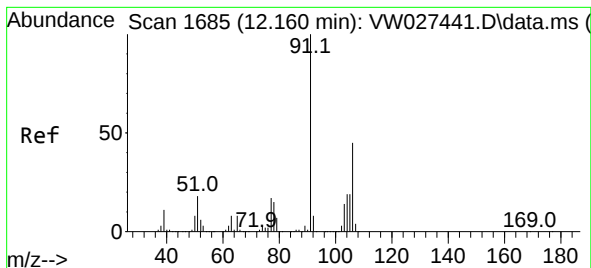
Tgt Ion: 91 Resp: 643941
Ion Ratio Lower Upper
91 100
106 31.9 19.8 36.8



#53
m,p-Xylene
Concen: 25.912 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion:106 Resp: 238910
Ion Ratio Lower Upper
106 100
91 199.5 144.5 268.4





#54

o-Xylene

Concen: 26.694 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

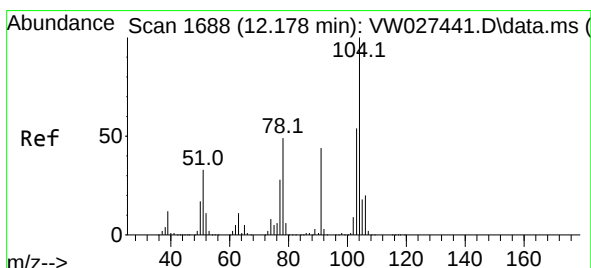
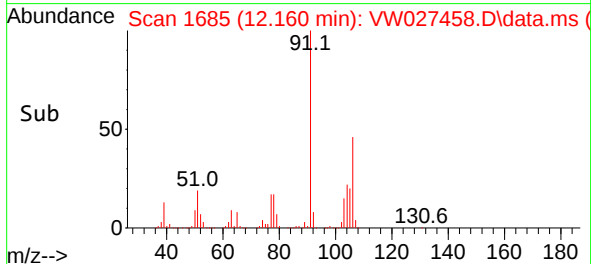
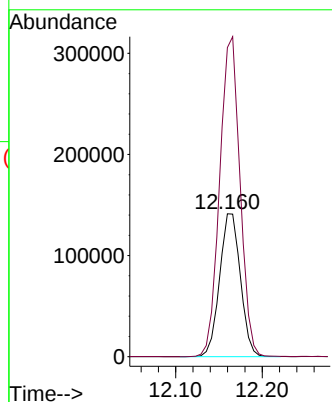
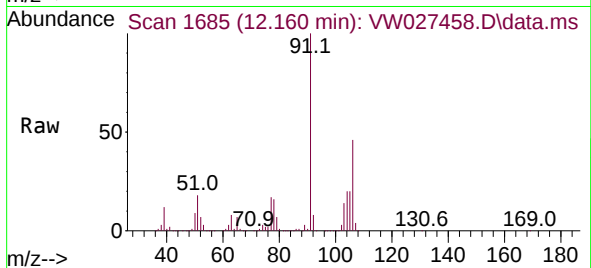
ClientSampleId :

Tgt Ion:106 Resp: 235693

Ion Ratio Lower Upper

106 100

91 216.3 152.0 282.2



#55

Styrene

Concen: 26.965 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027458.D

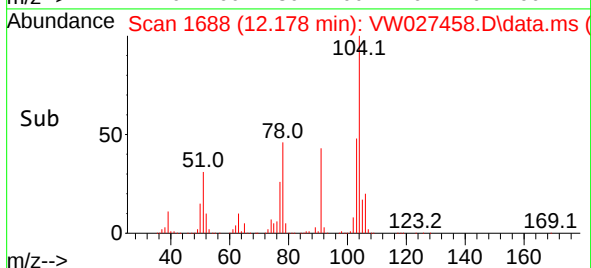
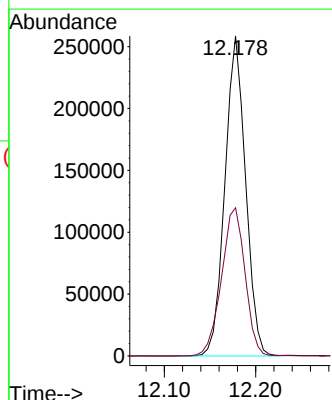
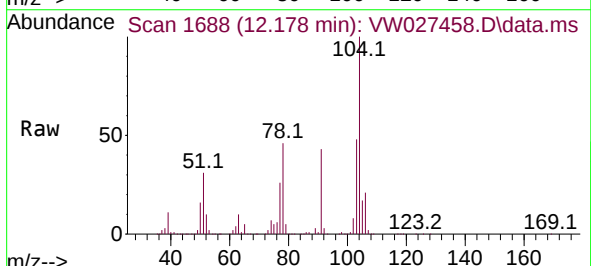
Acq: 26 Oct 2023 18:21

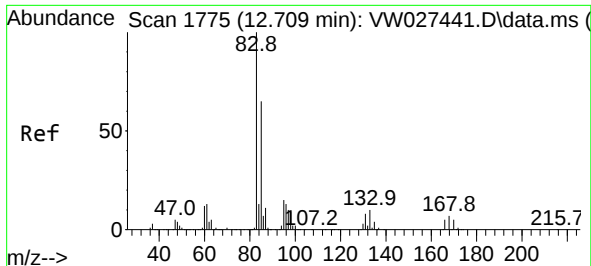
Tgt Ion:104 Resp: 406606

Ion Ratio Lower Upper

104 100

78 46.3 33.2 61.6





#57

1,1,2-Tetrachloroethane

Concen: 27.979 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

ClientSampleId :

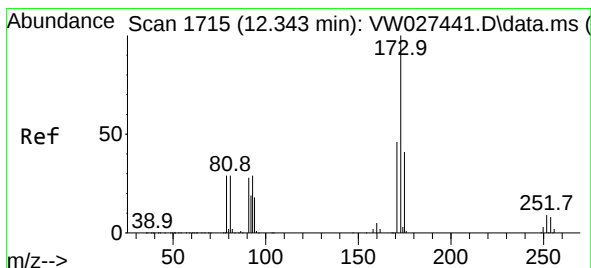
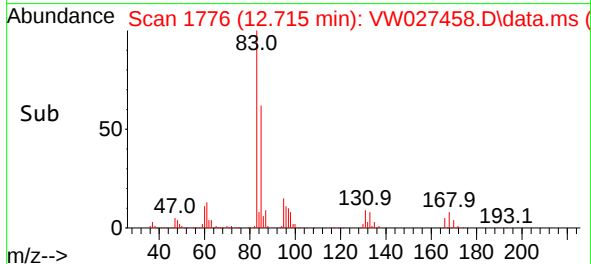
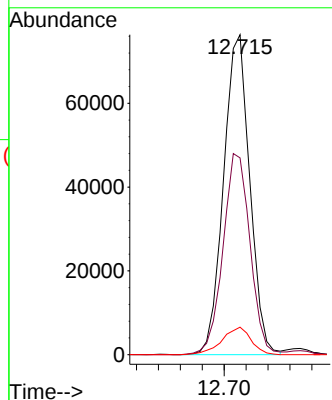
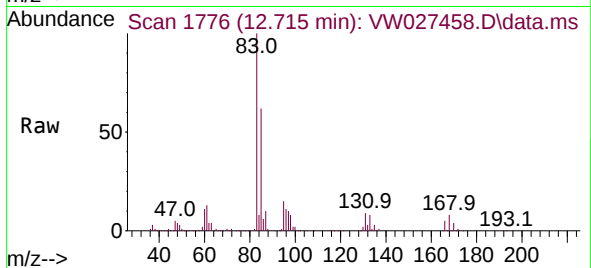
Tgt Ion: 83 Resp: 126731

Ion Ratio Lower Upper

83 100

85 61.5 43.2 80.2

131 8.6 7.2 10.8



#59

Bromoform

Concen: 22.484 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

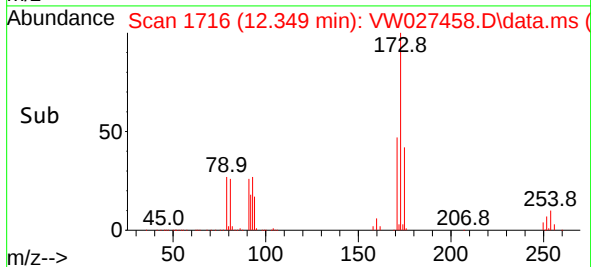
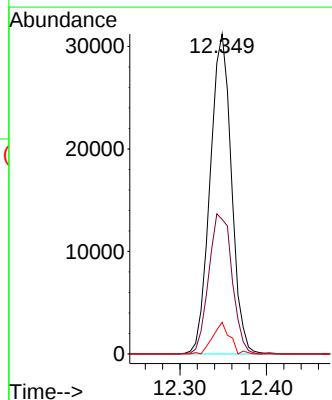
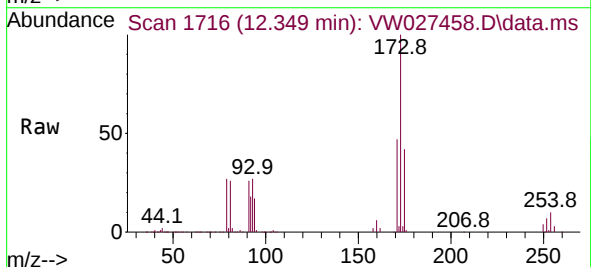
Tgt Ion:173 Resp: 53388

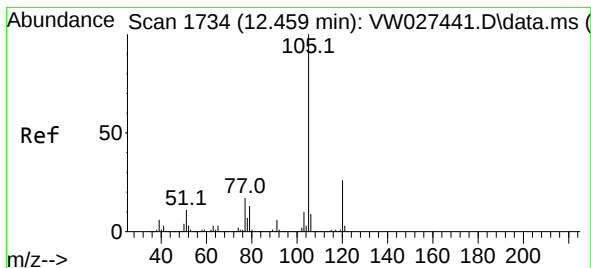
Ion Ratio Lower Upper

173 100

175 47.9 39.6 59.4

254 7.6 6.6 10.0

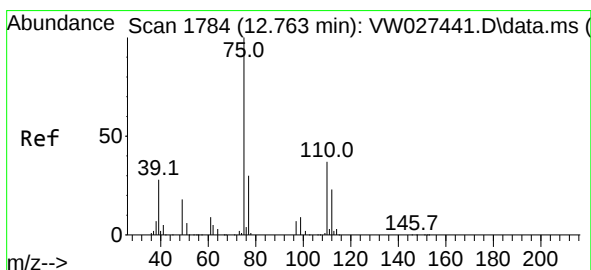
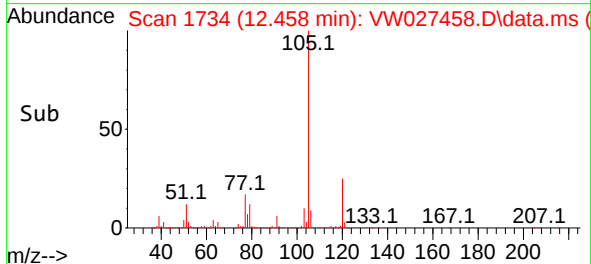
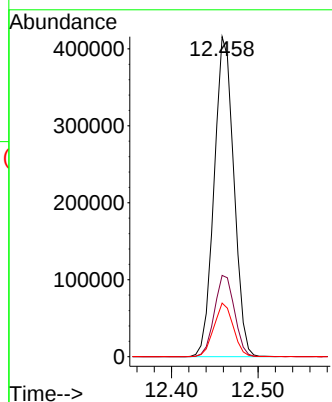
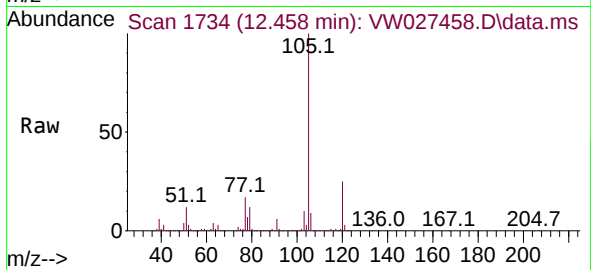




#60
Isopropylbenzene
Concen: 26.247 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

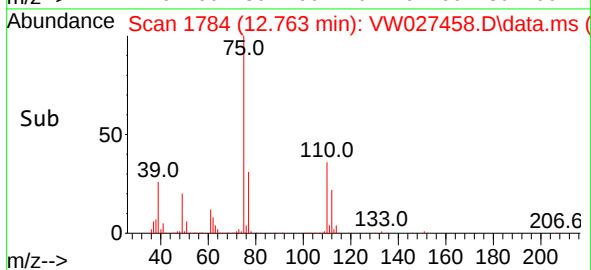
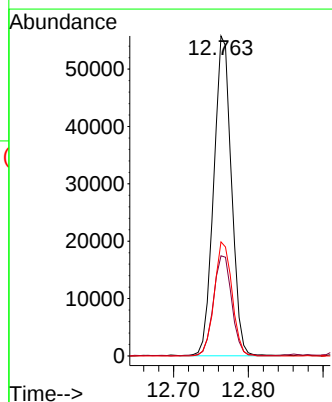
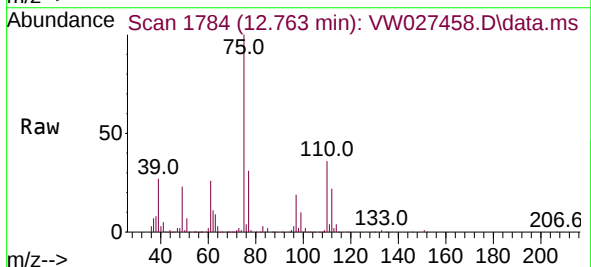
Instrument :
MSVOA_W
ClientSampleId :

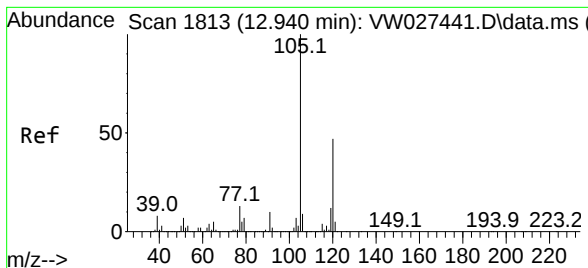
Tgt Ion:105 Resp: 657972
Ion Ratio Lower Upper
105 100
120 25.9 20.1 30.1
77 16.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 26.365 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion: 75 Resp: 91862
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 35.7 29.7 44.5

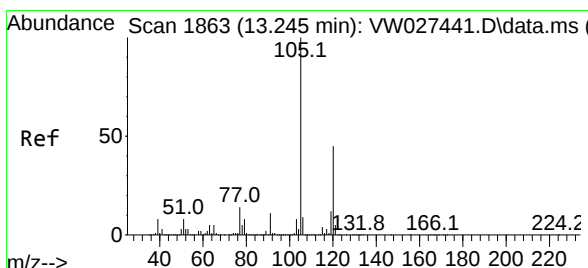
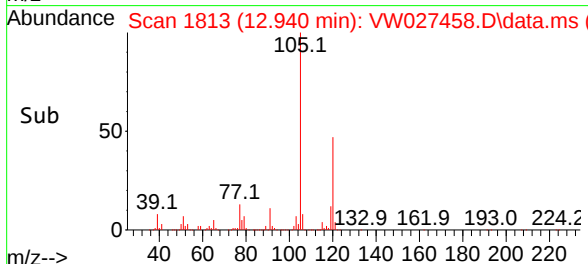
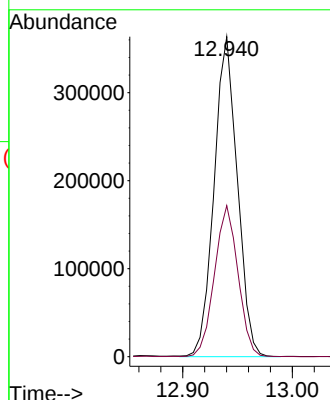
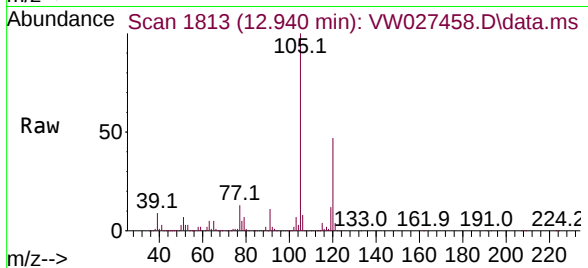




#62
1,3,5-Trimethylbenzene
Concen: 25.641 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

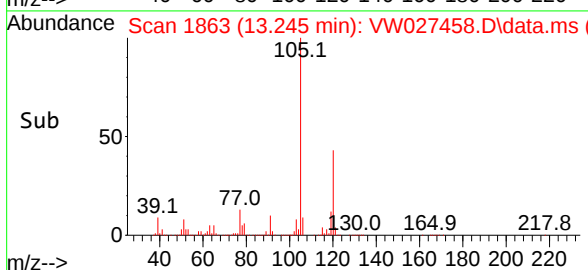
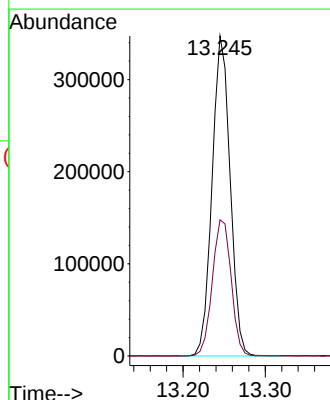
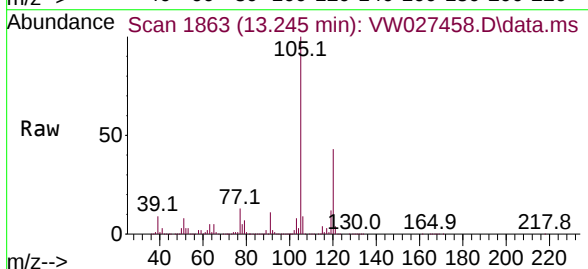
Instrument :
MSVOA_W
ClientSampleId :

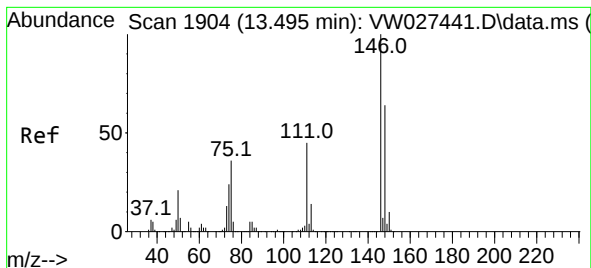
Tgt Ion:105 Resp: 536163
Ion Ratio Lower Upper
105 100
120 47.5 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 25.875 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion:105 Resp: 529397
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 26.439 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

ClientSampleId :

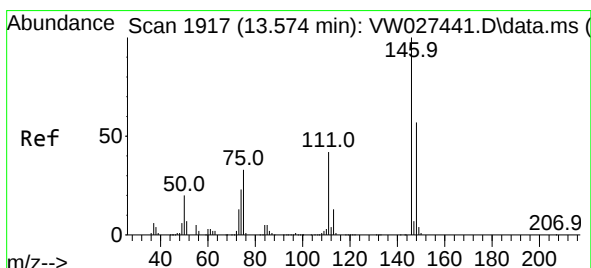
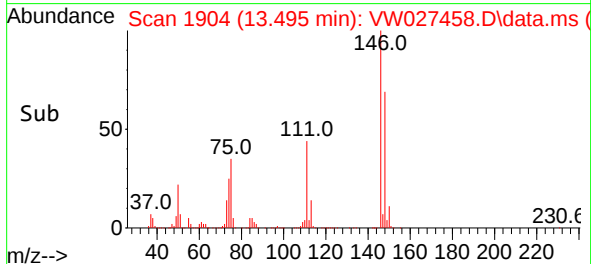
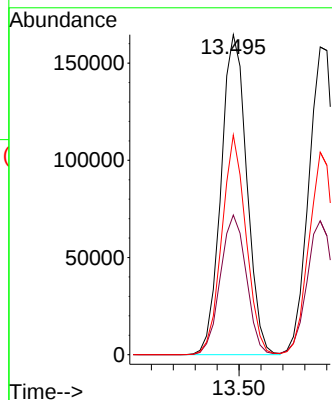
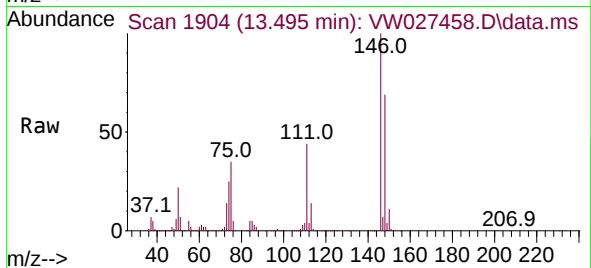
Tgt Ion:146 Resp: 268770

Ion Ratio Lower Upper

146 100

111 43.7 30.8 57.2

148 68.6 46.3 85.9



#65

1,4-Dichlorobenzene

Concen: 25.872 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

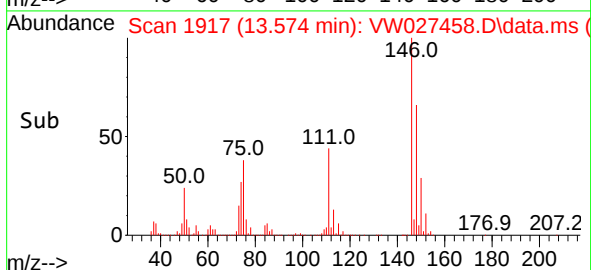
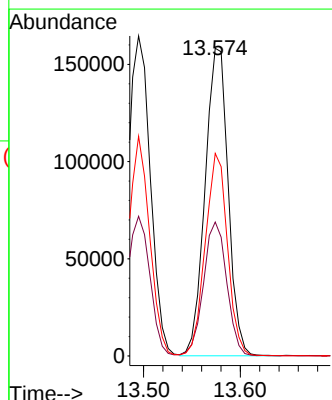
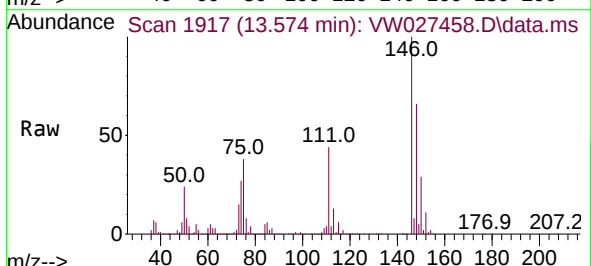
Tgt Ion:146 Resp: 262650

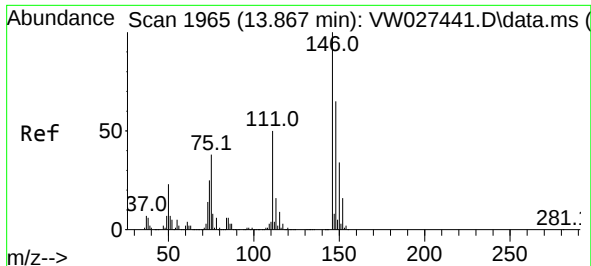
Ion Ratio Lower Upper

146 100

111 43.5 29.5 54.9

148 65.8 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 26.463 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

ClientSampleId :

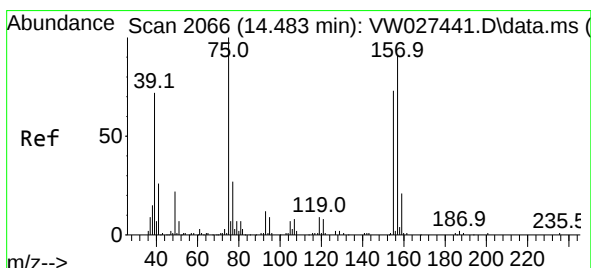
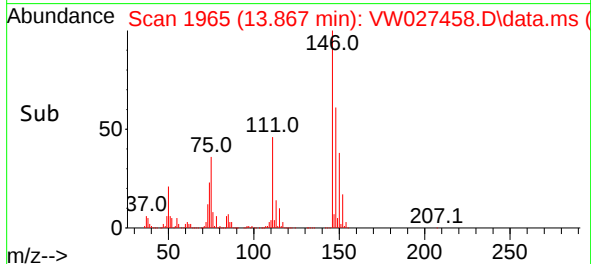
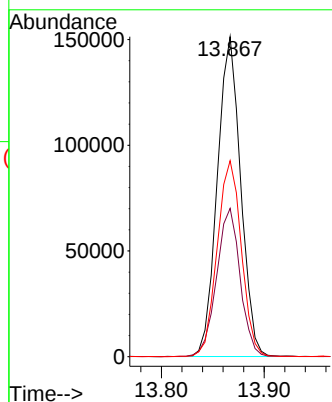
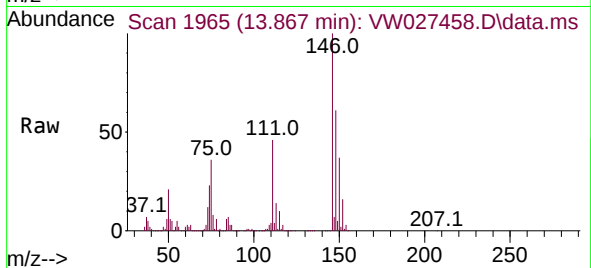
Tgt Ion:146 Resp: 238711

Ion Ratio Lower Upper

146 100

111 46.3 36.8 55.2

148 61.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.456 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

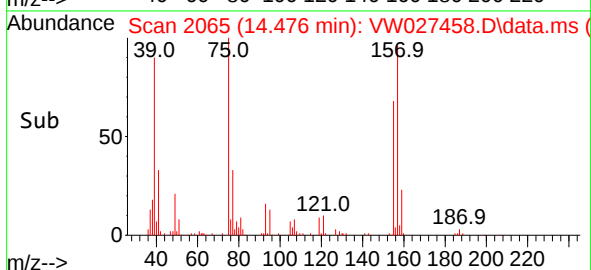
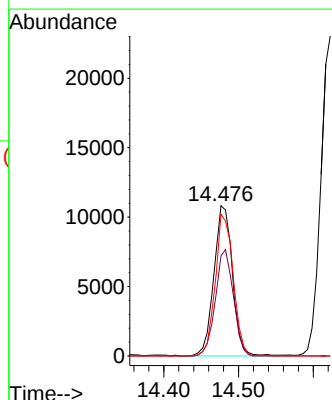
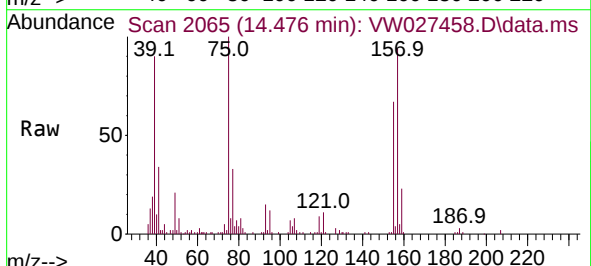
Tgt Ion: 75 Resp: 18684

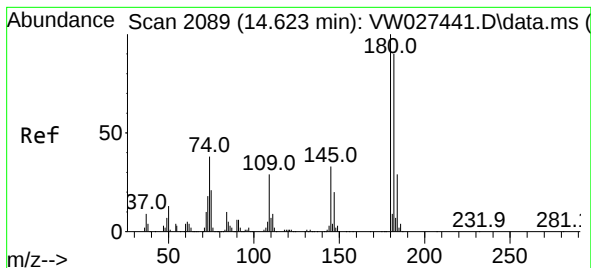
Ion Ratio Lower Upper

75 100

155 66.6 54.9 82.3

157 94.4 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 25.668 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

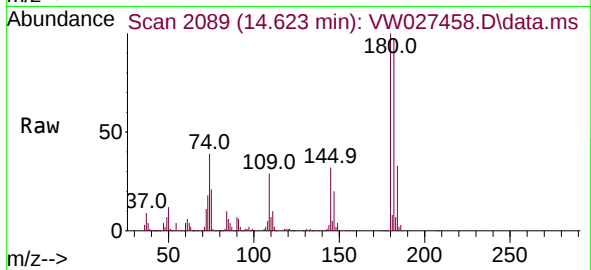
Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 169387

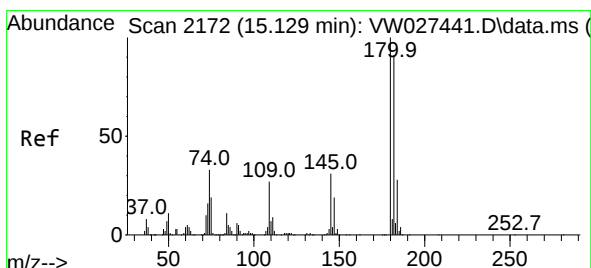
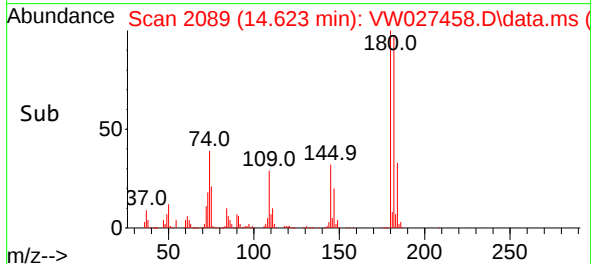
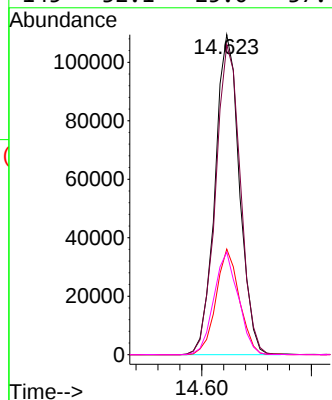
Ion Ratio Lower Upper

180 100

182 98.6 73.4 110.0

184 31.6 23.3 34.9

145 32.1 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.345 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027458.D

Acq: 26 Oct 2023 18:21

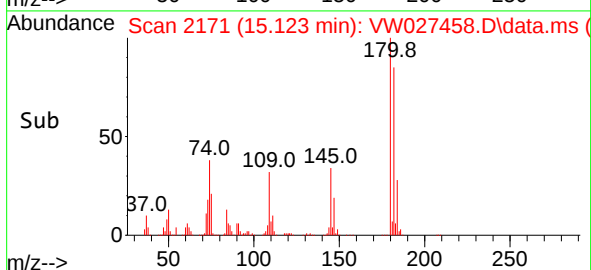
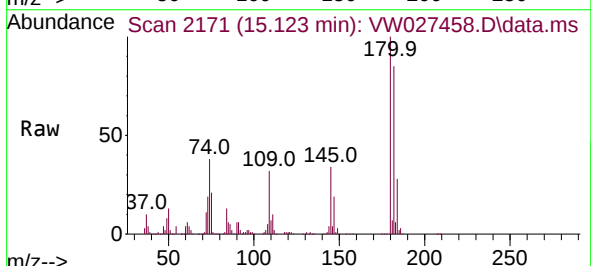
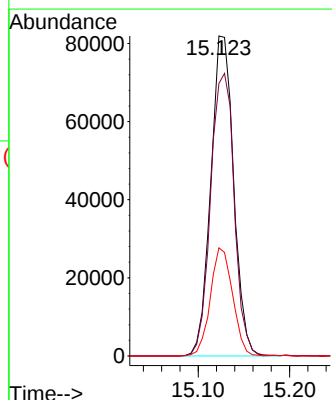
Tgt Ion:180 Resp: 142360

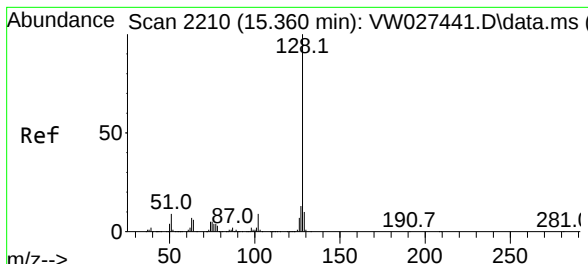
Ion Ratio Lower Upper

180 100

182 91.1 75.5 113.3

145 32.9 26.4 39.6



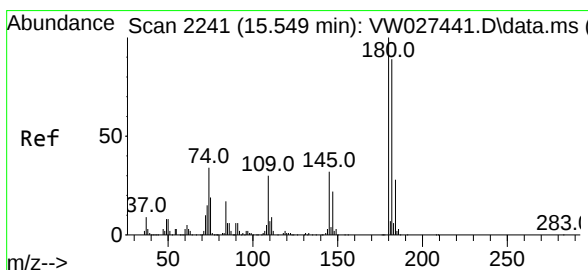
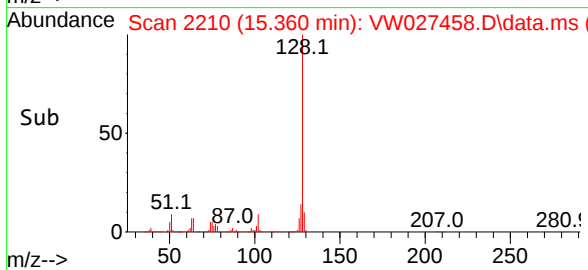
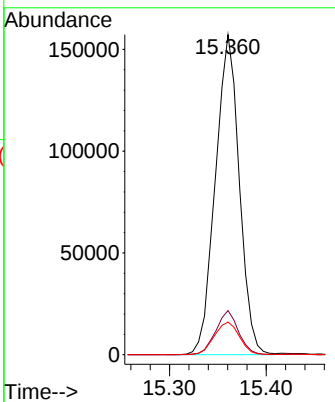
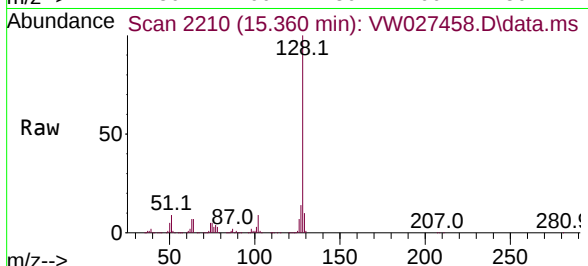


#71
Naphthalene
Concen: 23.388 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 270148

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	10.7	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.944 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027458.D
Acq: 26 Oct 2023 18:21

Tgt Ion:180 Resp: 119825

Ion	Ratio	Lower	Upper
180	100		
182	92.3	81.1	121.7
145	33.3	30.6	45.8

