

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102723\
 Data File : VW027460.D
 Acq On : 27 Oct 2023 09:35
 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 30 01:56:03 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	342067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	315788	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	170431	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98047	18.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.120%
7) Chloroethane-d5	2.899	69	83802	22.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
11) 1,1-Dichloroethene-d2	4.015	65	49869	19.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.240%
21) 2-Butanone-d5	7.075	46	88850	51.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.420%
24) Chloroform-d	7.648	84	253962	24.910	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.640%
26) 1,2-Dichloroethane-d4	8.307	65	128755	23.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.276	84	486060	22.750	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	9.270	67	159954	24.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	10.325	98	416135	21.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.920%
43) trans-1,3-Dichloroprop...	10.575	79	60153	20.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.880%
47) 2-Hexanone-d5	10.922	63	66043	48.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	128353	26.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	137181	22.212	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	86583	21.273	ug/L	# 91
3) Chloromethane	2.222	50	117503	25.122	ug/L	97
5) Vinyl chloride	2.375	62	127974	24.494	ug/L	99
6) Bromomethane	2.789	94	71899	24.161	ug/L	97
8) Chloroethane	2.930	64	77339	25.716	ug/L	98
9) Trichlorofluoromethane	3.265	101	101580	27.559	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	115593	25.044	ug/L	96
12) 1,1-Dichloroethene	4.045	96	110343	24.600	ug/L	90
13) Acetone	4.118	43	79266	52.891	ug/L	99
14) Carbon disulfide	4.393	76	285787	20.552	ug/L	100
15) Methyl Acetate	4.673	43	62657	24.478	ug/L	99
16) Methylene chloride	4.917	84	133634	21.342	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	120292	24.954	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	211913	25.479	ug/L	98
19) 1,1-Dichloroethane	6.216	63	266056	27.051	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	144353	26.516	ug/L	97
22) 2-Butanone	7.173	43	100975	45.014	ug/L	98
23) Bromochloromethane	7.514	128	54515	24.255	ug/L	83
25) Chloroform	7.679	83	255214	27.725	ug/L	97

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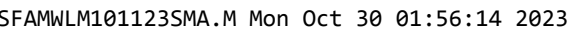
Instrument :
 MSVOA_W
 ClientSampleId :

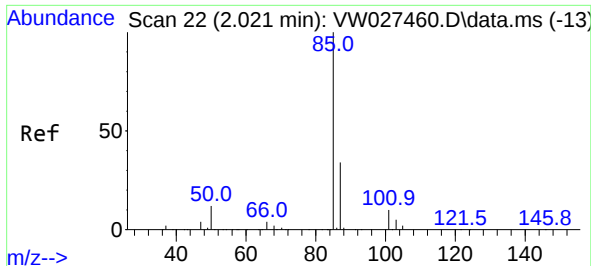
Quant Time: Oct 30 01:56:03 2023
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	165919	26.534	ug/L	98
29) Cyclohexane	7.959	56	226163	23.588	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	195653	25.399	ug/L	98
31) Carbon tetrachloride	8.069	117	168697	24.288	ug/L	99
33) Benzene	8.325	78	549155	26.609	ug/L	100
34) Trichloroethene	9.093	95	141094	25.882	ug/L	95
35) Methylcyclohexane	9.337	83	233081	23.909	ug/L	98
37) 1,2-Dichloropropane	9.367	63	154885	27.756	ug/L	98
38) Bromodichloromethane	9.642	83	179054	26.095	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	228552	24.794	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	195325	50.898	ug/L	98
42) Toluene	10.386	91	577745	26.686	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	188013	24.173	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	102089	26.586	ug/L	94
46) Tetrachloroethene	10.861	164	94215	25.029	ug/L	90
48) 2-Hexanone	10.965	43	142853	50.294	ug/L	98
49) Dibromochloromethane	11.129	129	102170	23.958	ug/L	87
50) 1,2-Dibromoethane	11.233	107	90324	24.261	ug/L	95
51) Chlorobenzene	11.654	112	361072	26.633	ug/L	97
52) Ethylbenzene	11.727	91	667161	26.518	ug/L	98
53) m,p-Xylene	11.837	106	244413	25.614	ug/L	99
54) o-Xylene	12.166	106	236559	25.888	ug/L	99
55) Styrene	12.178	104	412355	26.423	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	125236	26.716	ug/L	95
59) Bromoform	12.349	173	56051	22.102	ug/L	95
60) Isopropylbenzene	12.458	105	667384	24.927	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90897	24.426	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	552047	24.719	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	535893	24.525	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	274111	25.247	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	276083	25.463	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	251436	26.098	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	19184	20.627	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	180743	25.644	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	148459	24.748	ug/L	98
71) Naphthalene	15.360	128	269018	21.807	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121684	24.668	ug/L	93

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

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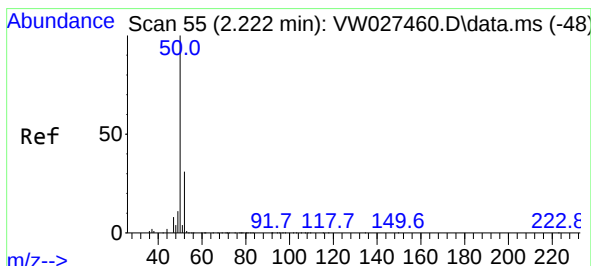
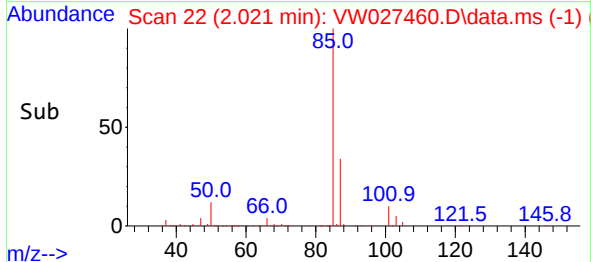
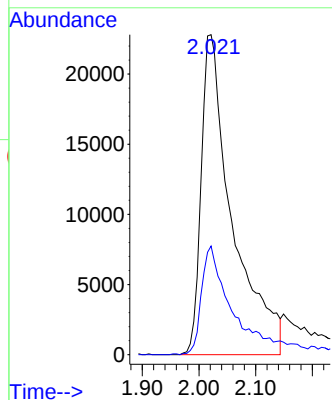
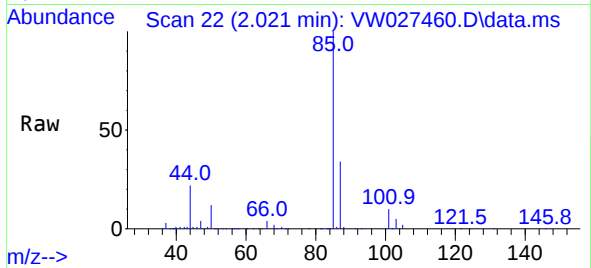




#2
 Dichlorodifluoromethane
 Concen: 21.273 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027460.D
 Acq: 27 Oct 2023 09:35

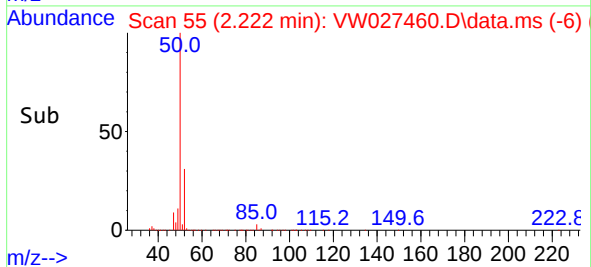
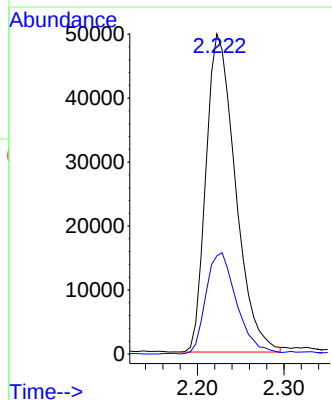
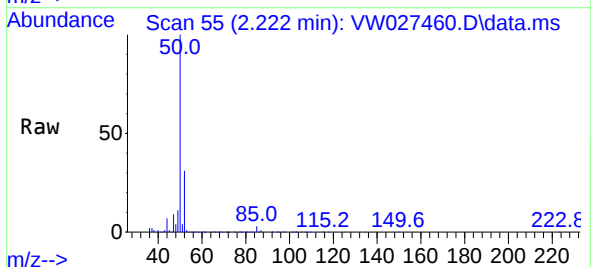
Instrument :
 MSVOA_W
 ClientSampleId :

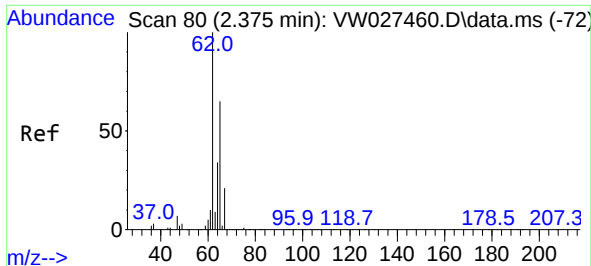
Tgt Ion: 85 Resp: 86583
 Ion Ratio Lower Upper
 85 100
 87 27.5 18.3 27.5#



#3
 Chloromethane
 Concen: 25.122 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW027460.D
 Acq: 27 Oct 2023 09:35

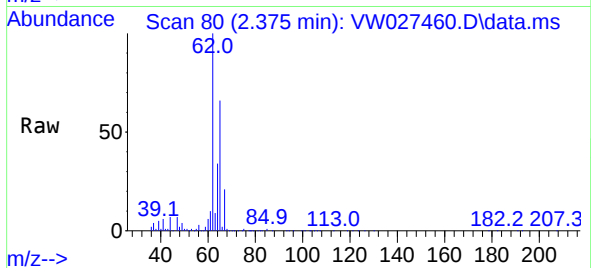
Tgt Ion: 50 Resp: 117503
 Ion Ratio Lower Upper
 50 100
 52 30.7 22.7 42.3



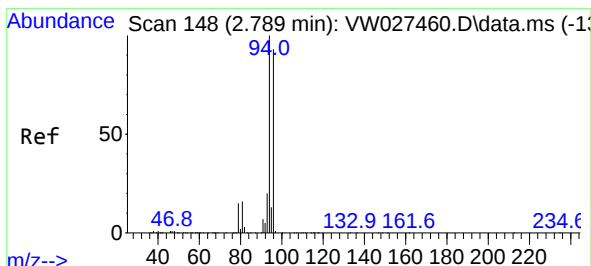
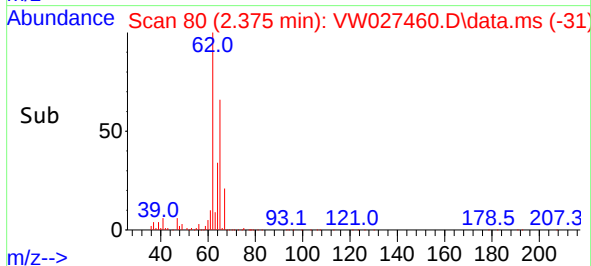
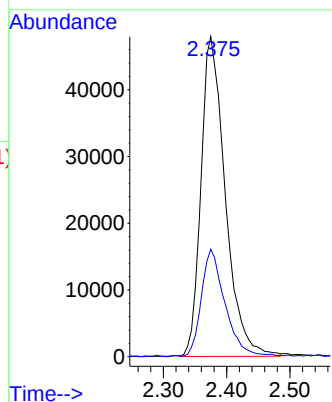


#5
 Vinyl chloride
 Concen: 24.494 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027460.D
 Acq: 27 Oct 2023 09:35

Instrument :
 MSVOA_W
 ClientSampleId :

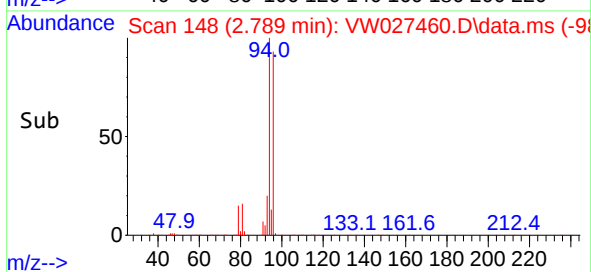
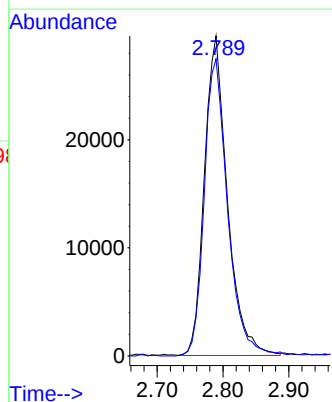
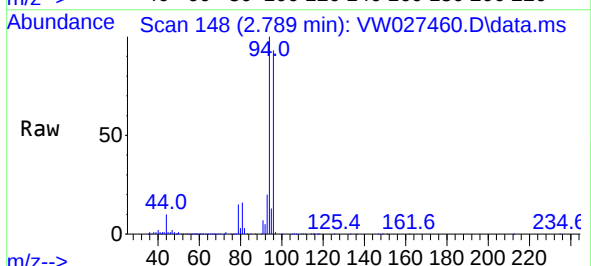


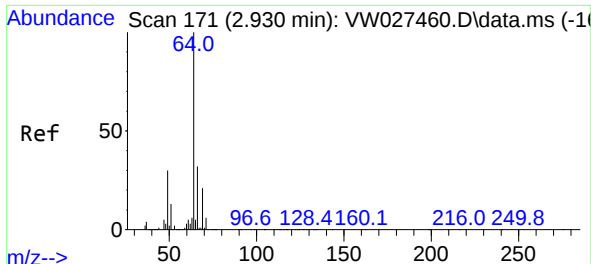
Tgt Ion: 62 Resp: 127974
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.8 44.2



#6
 Bromomethane
 Concen: 24.161 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027460.D
 Acq: 27 Oct 2023 09:35

Tgt Ion: 94 Resp: 71899
 Ion Ratio Lower Upper
 94 100
 96 92.8 62.9 116.9

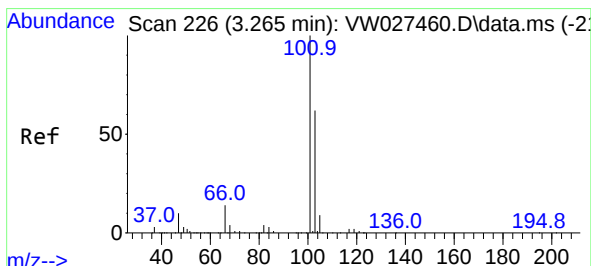
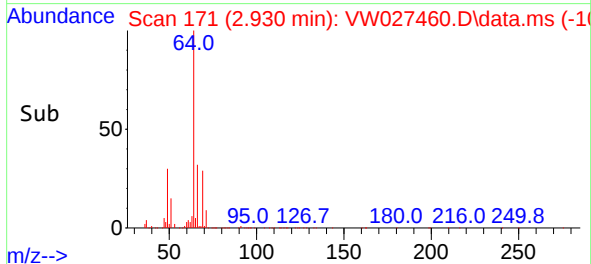
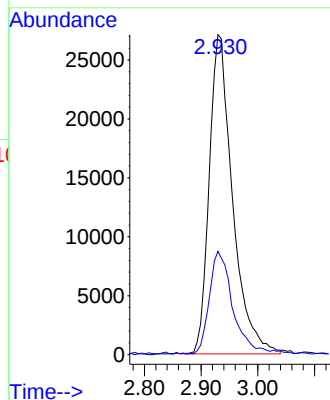
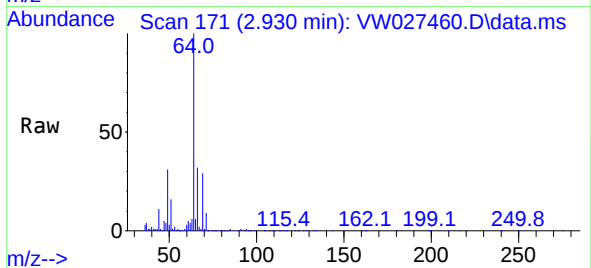




#8
Chloroethane
Concen: 25.716 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

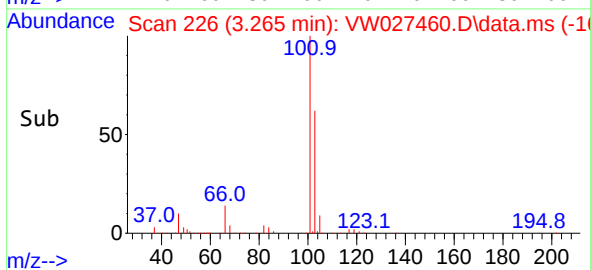
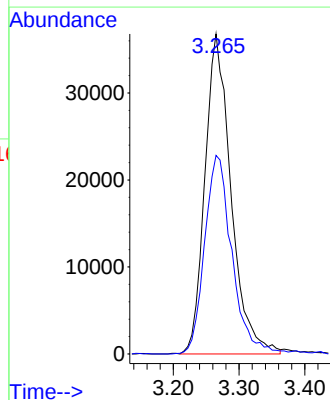
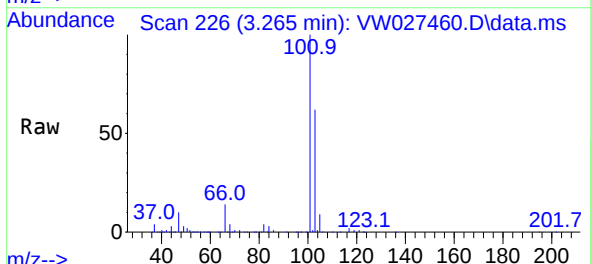
Instrument :
MSVOA_W
ClientSampleId :

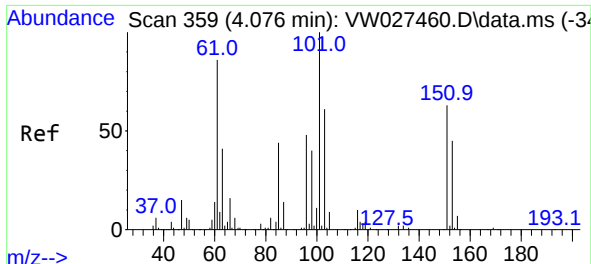
Tgt Ion: 64 Resp: 77339
Ion Ratio Lower Upper
64 100
66 32.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 27.559 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion:101 Resp: 101580
Ion Ratio Lower Upper
101 100
103 63.1 51.6 77.4

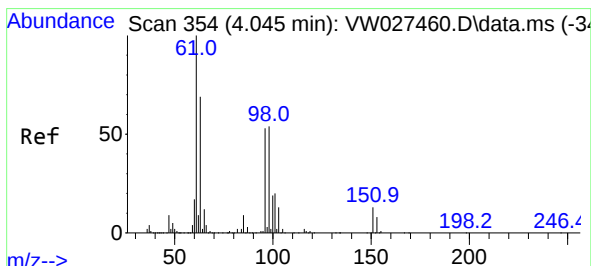
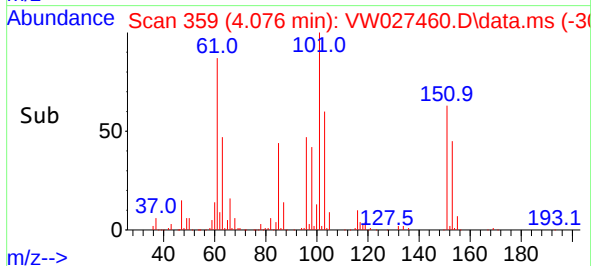
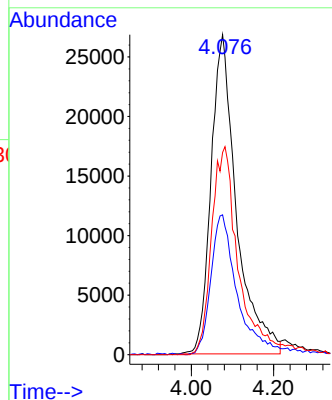
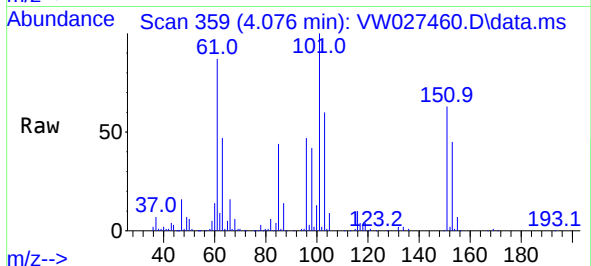




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.044 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

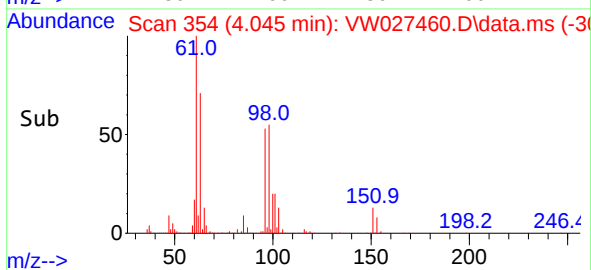
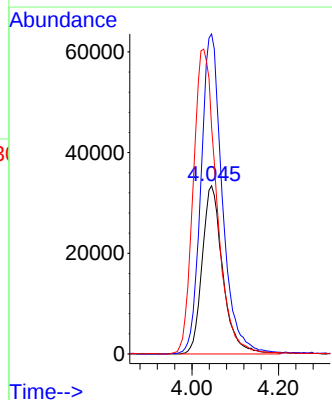
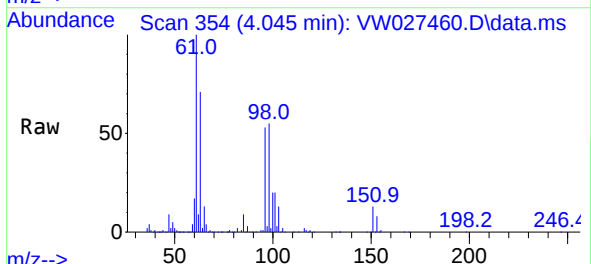
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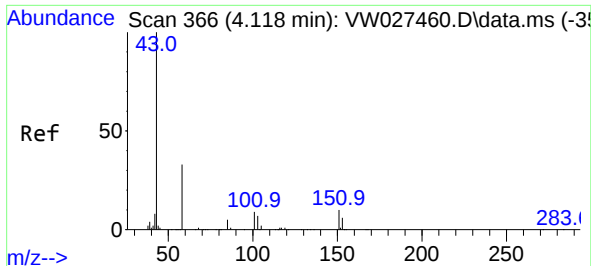
Tgt Ion:101 Resp: 115593
Ion Ratio Lower Upper
101 100
85 44.6 34.1 51.1
151 65.4 49.5 74.3



#12
1,1-Dichloroethene
Concen: 24.600 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 96 Resp: 110343
Ion Ratio Lower Upper
96 100
61 190.3 133.3 247.5
63 135.1 115.8 215.2

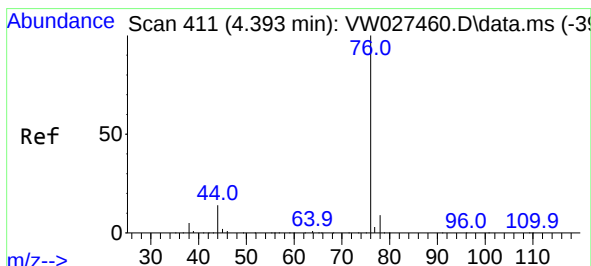
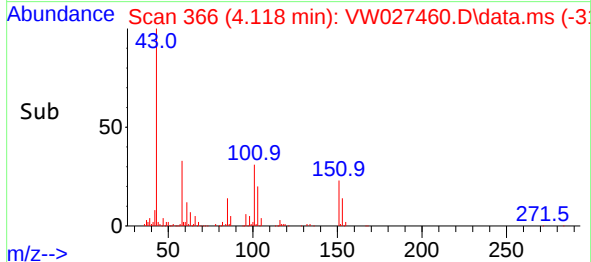
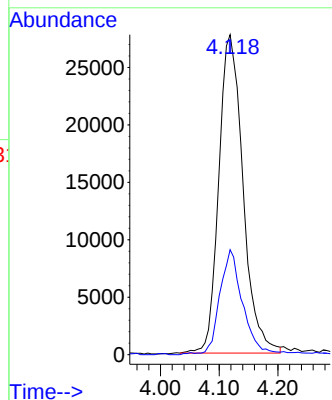
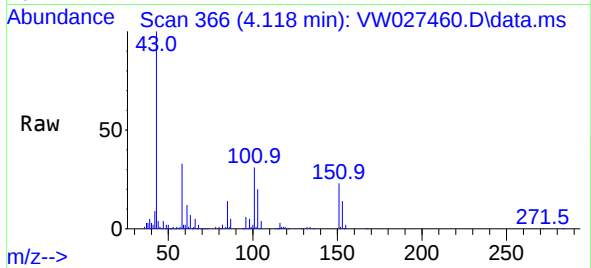




#13
Acetone
Concen: 52.891 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

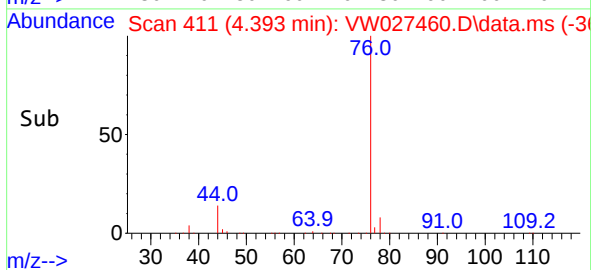
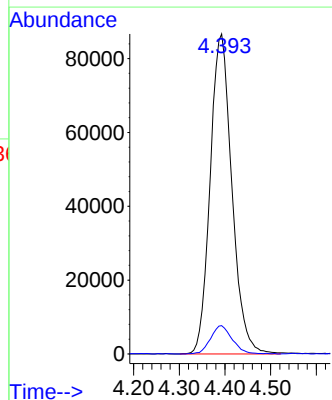
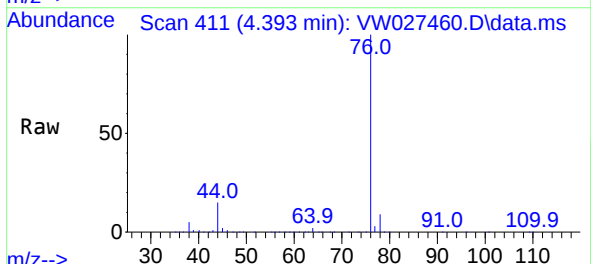
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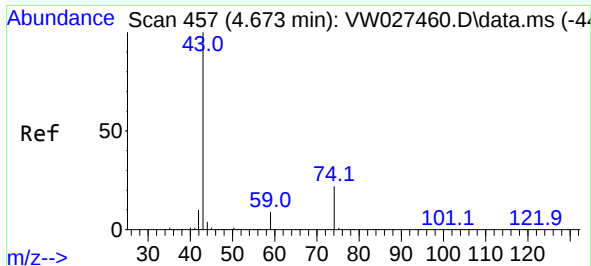
Tgt Ion: 43 Resp: 79266
Ion Ratio Lower Upper
43 100
58 29.7 0.0 60.8



#14
Carbon disulfide
Concen: 20.552 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 76 Resp: 285787
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

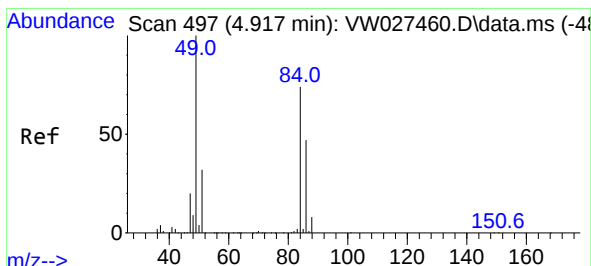
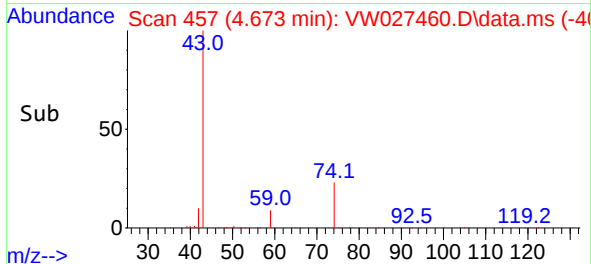
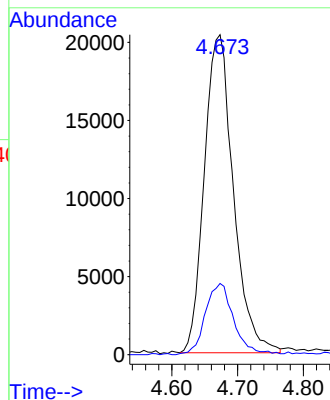
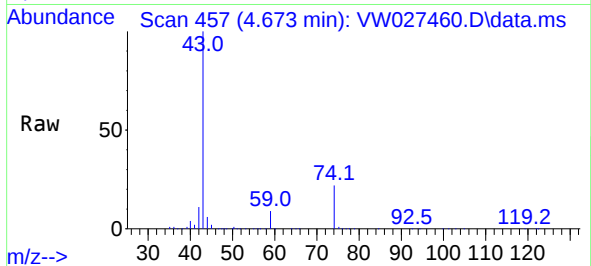




#15
Methyl Acetate
Concen: 24.478 ug/L
RT: 4.673 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

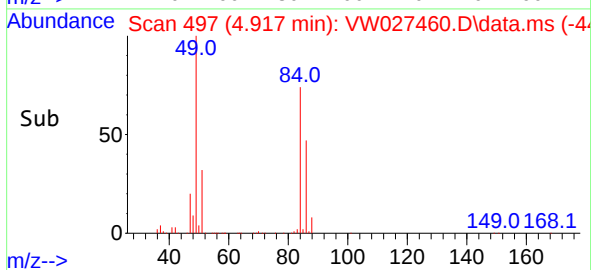
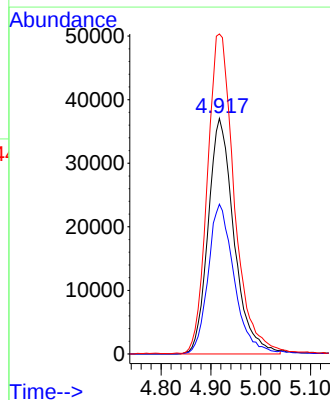
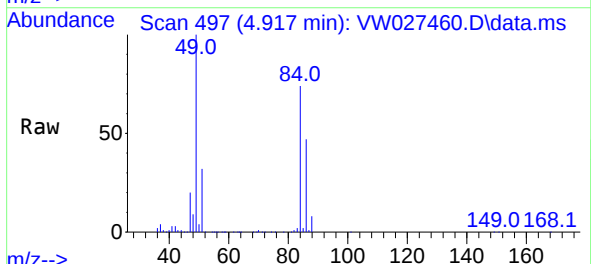
Instrument :
MSVOA_W
ClientSampleId :

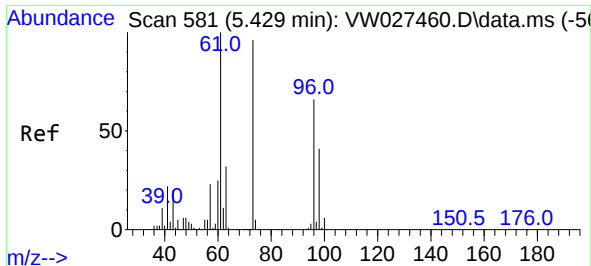
Tgt Ion: 43 Resp: 62657
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3



#16
Methylene chloride
Concen: 21.342 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

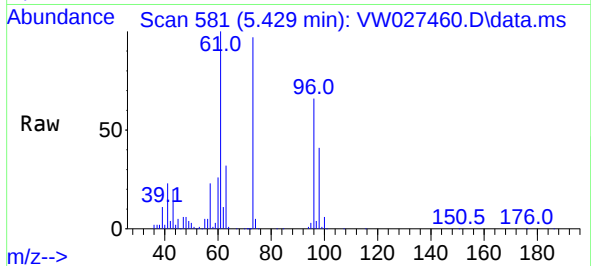
Tgt Ion: 84 Resp: 133634
Ion Ratio Lower Upper
84 100
86 63.6 41.3 76.7
49 135.9 92.8 172.4





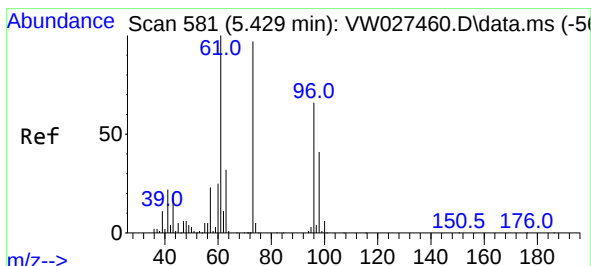
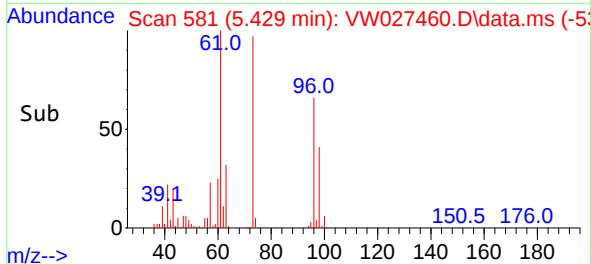
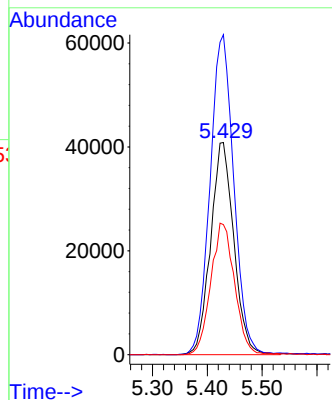
#17
trans-1,2-Dichloroethene
Concen: 24.954 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 120292

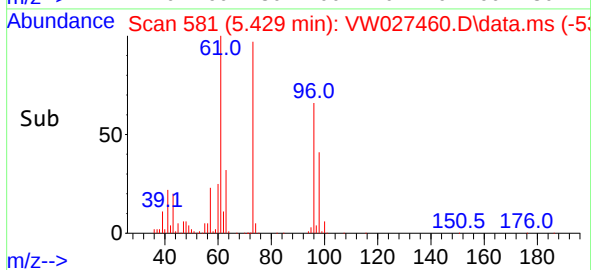
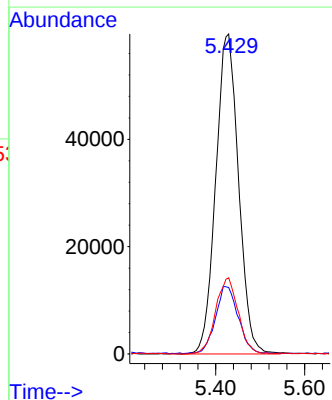
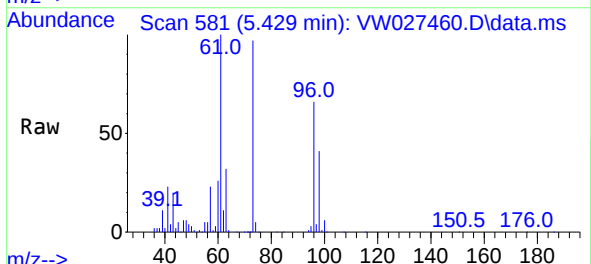
Ion	Ratio	Lower	Upper
96	100		
61	150.9	105.6	196.0
98	61.3	45.0	83.6

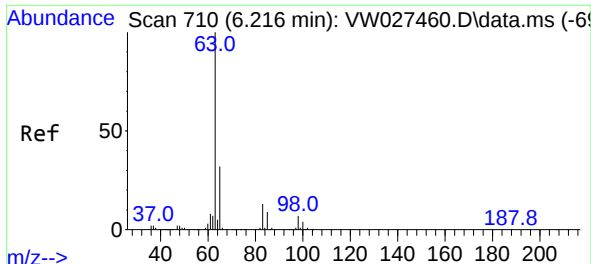


#18
Methyl tert-butyl Ether
Concen: 25.479 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 73 Resp: 211913

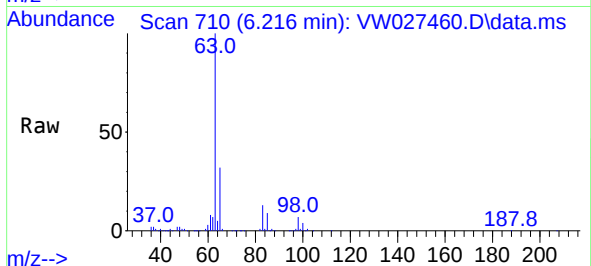
Ion	Ratio	Lower	Upper
73	100		
43	21.0	17.7	26.5
57	23.6	18.5	27.7





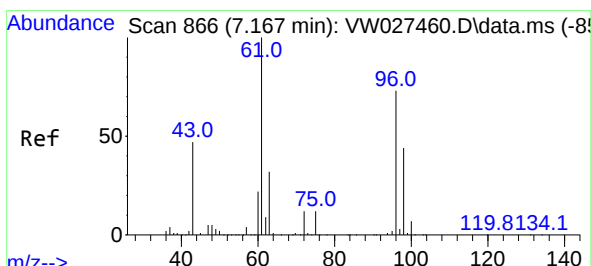
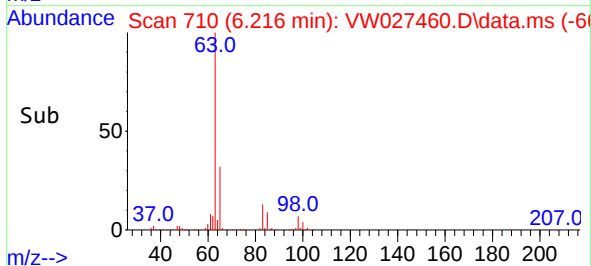
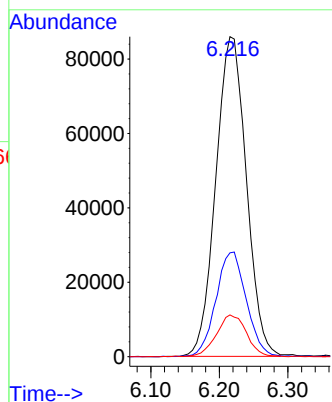
#19
1,1-Dichloroethane
Concen: 27.051 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 63 Resp: 266056

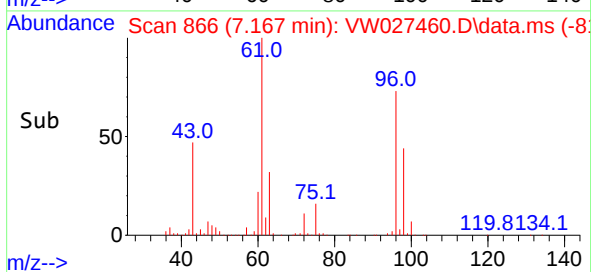
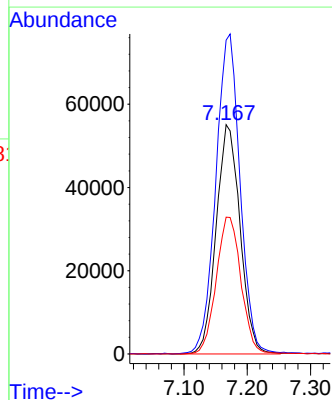
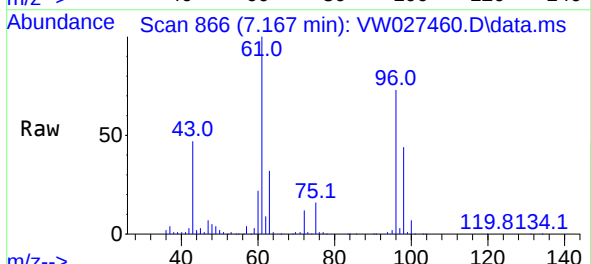
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.9	42.5
83	13.1	9.6	17.8

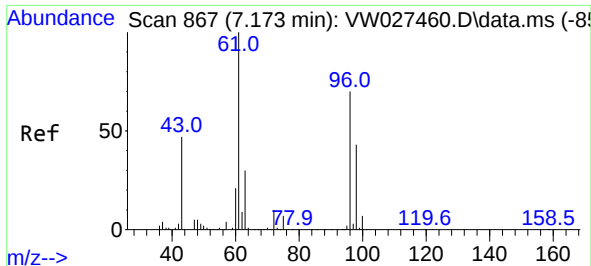


#20
cis-1,2-Dichloroethene
Concen: 26.516 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 96 Resp: 144353

Ion	Ratio	Lower	Upper
96	100		
61	136.9	96.2	178.8
98	59.7	46.0	85.4

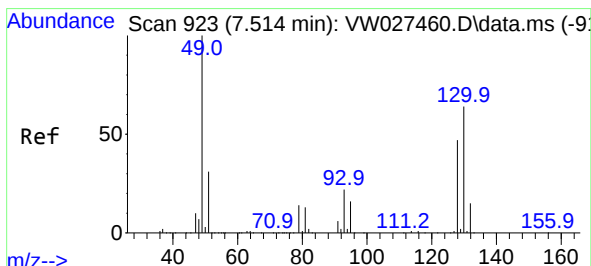
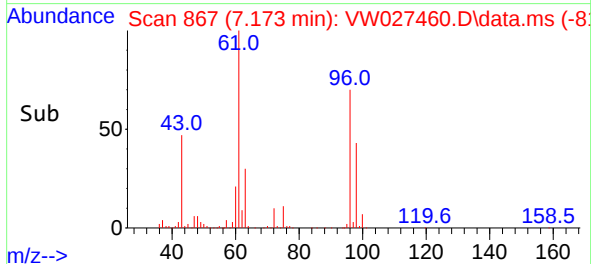
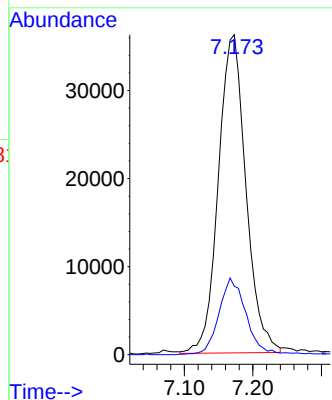
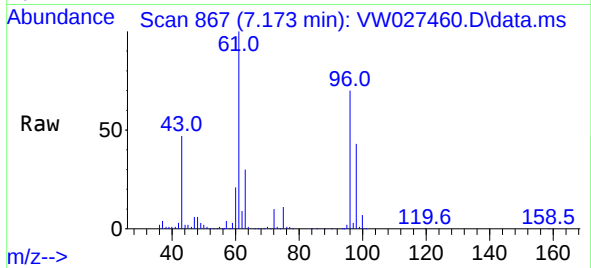




#22
2-Butanone
Concen: 45.014 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

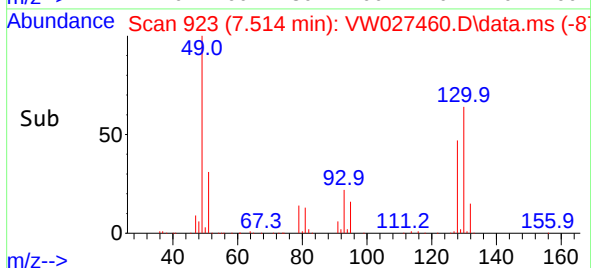
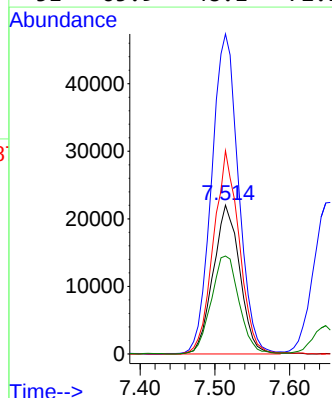
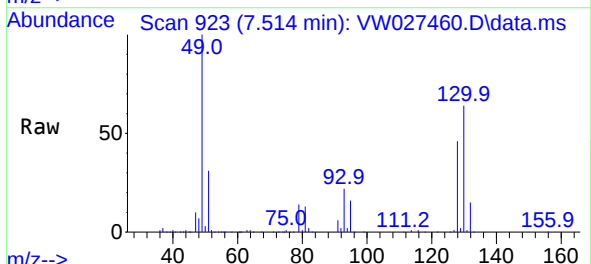
Instrument :
MSVOA_W
ClientSampleId :

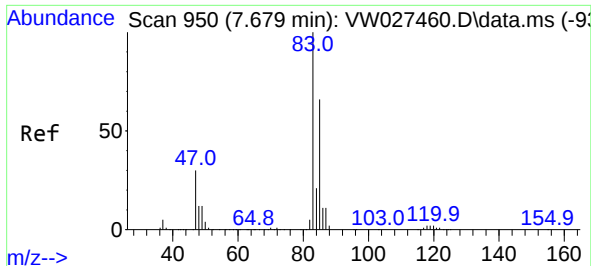
Tgt Ion: 43 Resp: 100975
Ion Ratio Lower Upper
43 100
72 23.5 12.3 36.8



#23
Bromochloromethane
Concen: 24.255 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 128 Resp: 54515
Ion Ratio Lower Upper
128 100
49 215.2 128.9 239.5
130 136.7 85.0 157.8
51 65.9 48.1 72.1

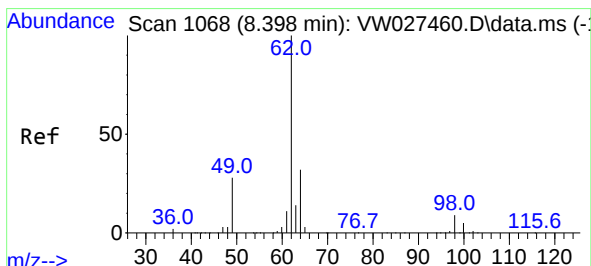
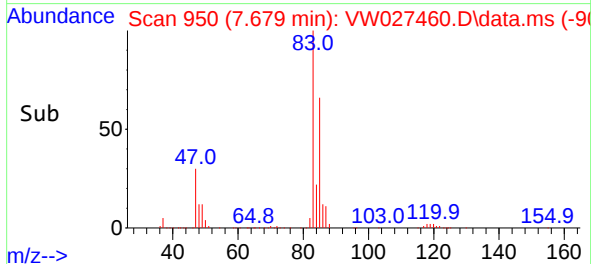
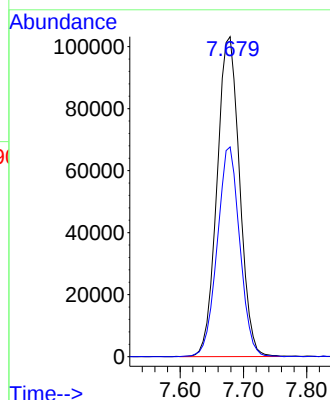
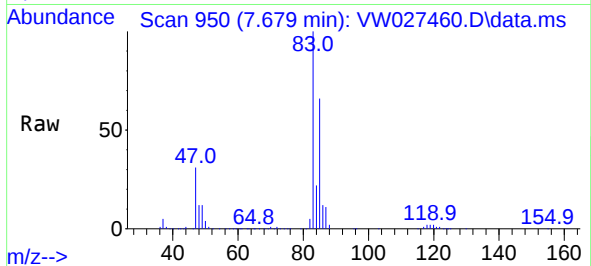




#25
Chloroform
Concen: 27.725 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

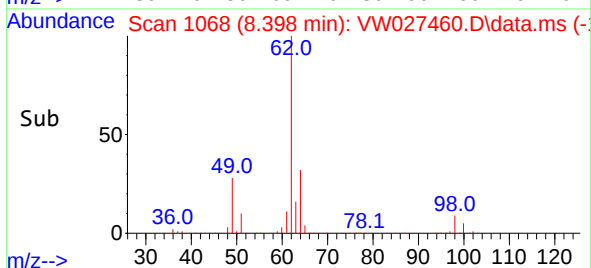
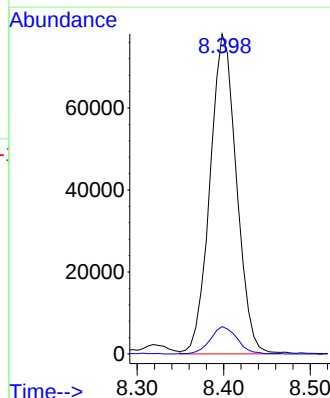
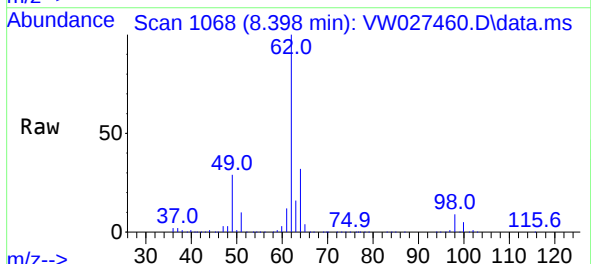
Instrument :
MSVOA_W
ClientSampleId :

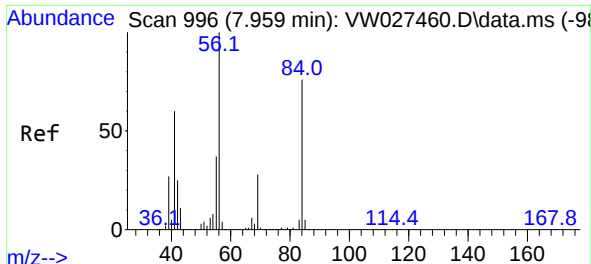
Tgt Ion: 83 Resp: 255214
Ion Ratio Lower Upper
83 100
85 65.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.534 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 62 Resp: 165919
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3





#29

Cyclohexane

Concen: 23.588 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

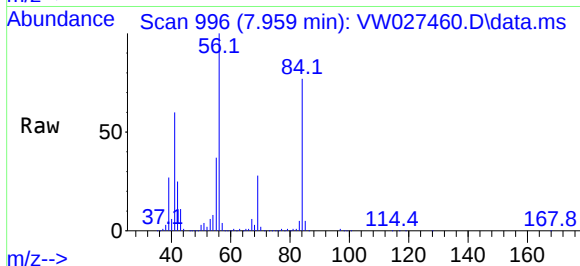
Lab File: VW027460.D

Acq: 27 Oct 2023 09:35

Instrument :

MSVOA_W

ClientSampleId :



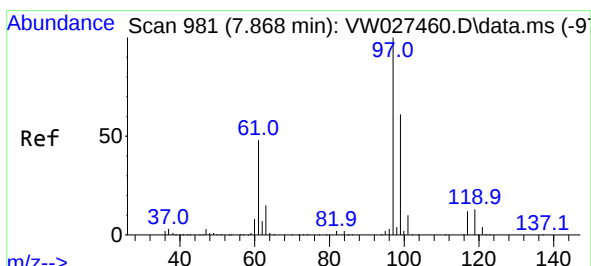
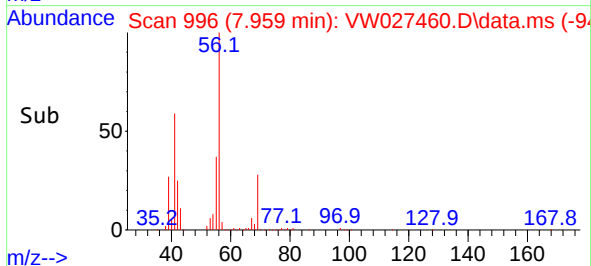
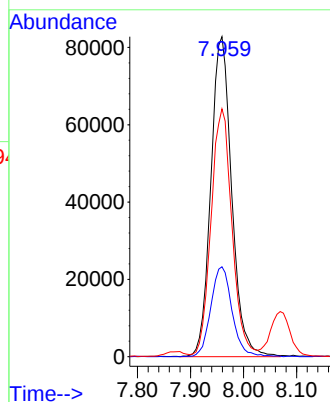
Tgt Ion: 56 Resp: 226163

Ion Ratio Lower Upper

56 100

69 28.5 24.2 36.4

84 77.6 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 25.399 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW027460.D

Acq: 27 Oct 2023 09:35

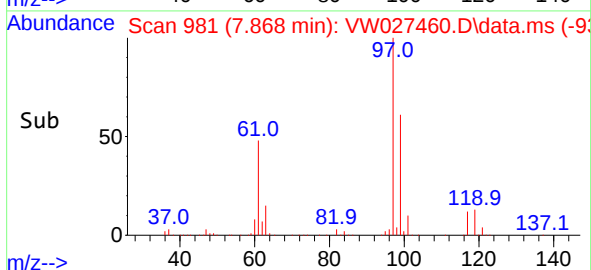
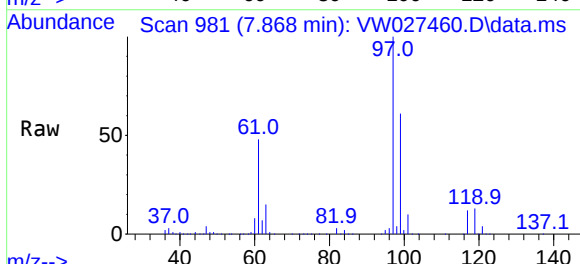
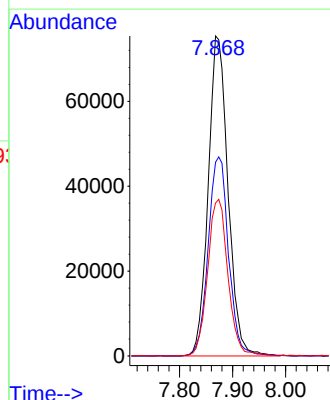
Tgt Ion: 97 Resp: 195653

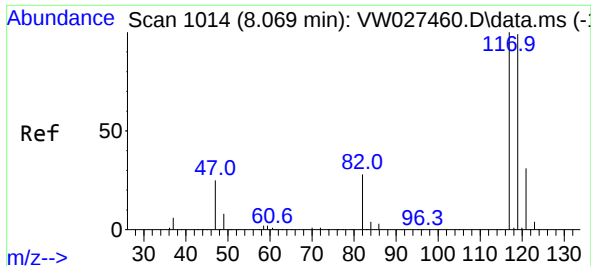
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 49.3 37.4 56.0

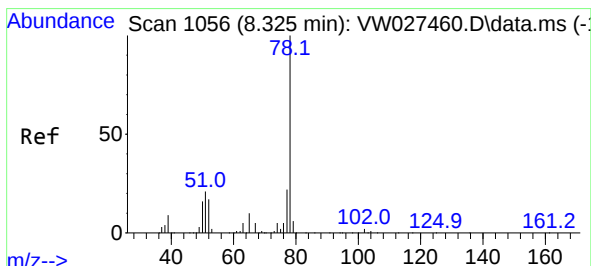
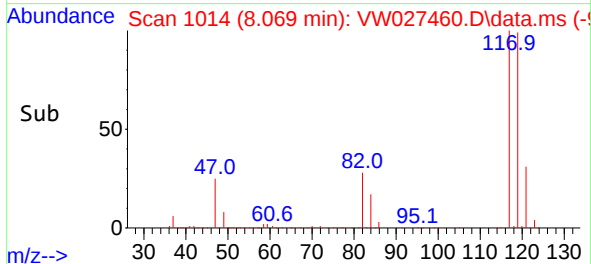
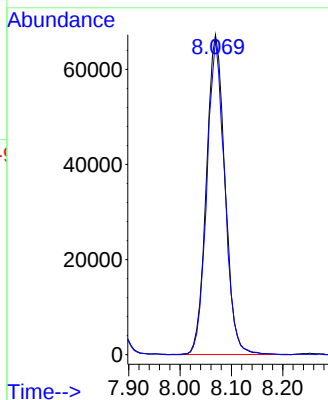
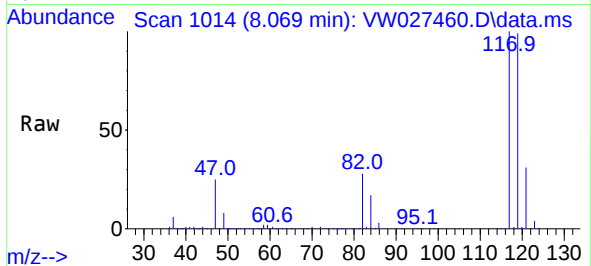




#31
Carbon tetrachloride
Concen: 24.288 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

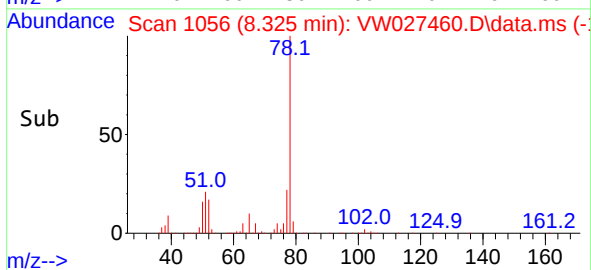
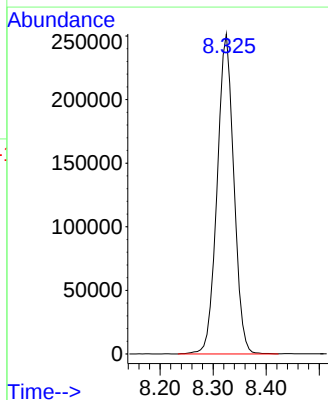
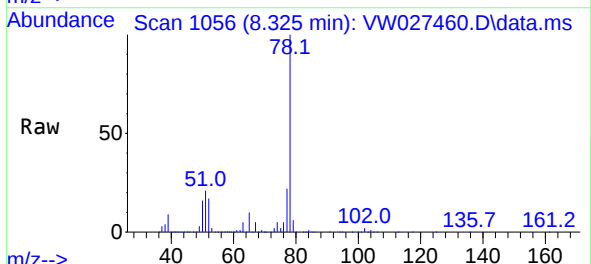
Instrument :
MSVOA_W
ClientSampleId :

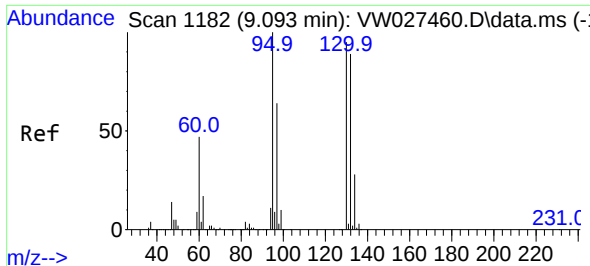
Tgt Ion:117 Resp: 168697
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7



#33
Benzene
Concen: 26.609 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 78 Resp: 549155

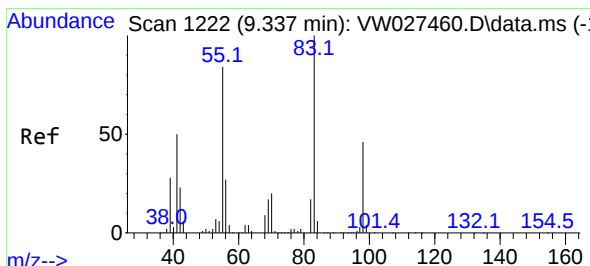
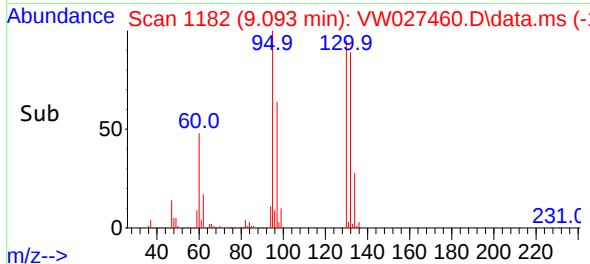
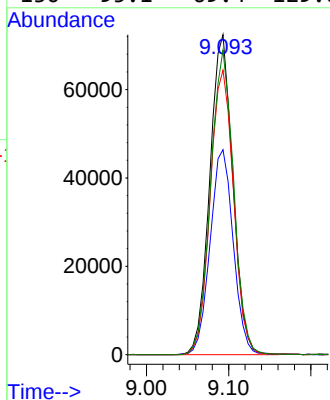
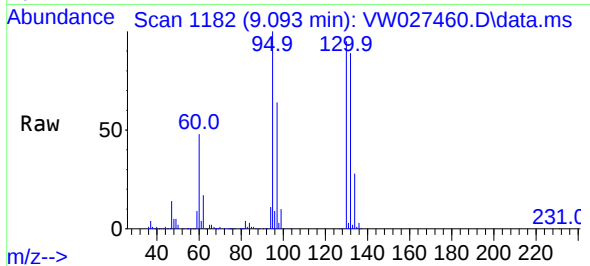




#34
Trichloroethene
Concen: 25.882 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

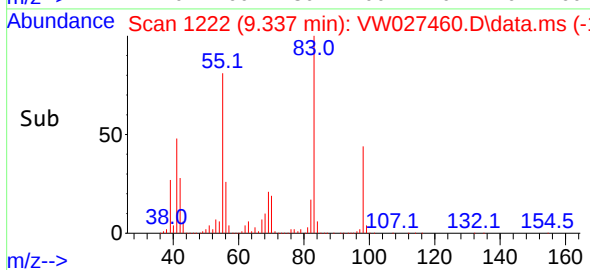
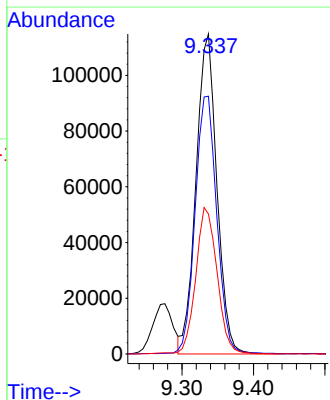
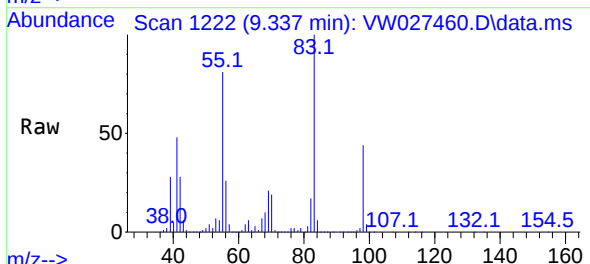
Instrument :
MSVOA_W
ClientSampleId :

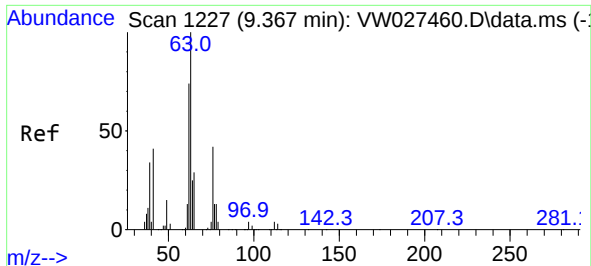
Tgt Ion: 95 Resp: 141094
Ion Ratio Lower Upper
95 100
97 64.0 43.4 80.6
132 88.9 67.6 125.6
130 95.1 69.4 129.0



#35
Methylcyclohexane
Concen: 23.909 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 83 Resp: 233081
Ion Ratio Lower Upper
83 100
55 83.7 65.8 98.8
98 46.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 27.756 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027460.D

Acq: 27 Oct 2023 09:35

Instrument :

MSVOA_W

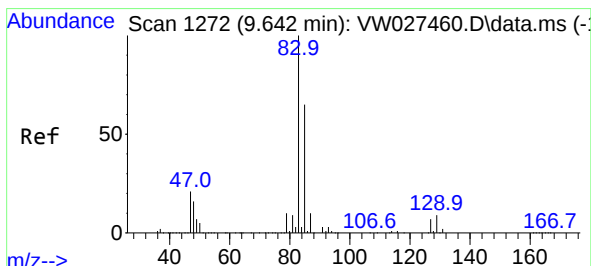
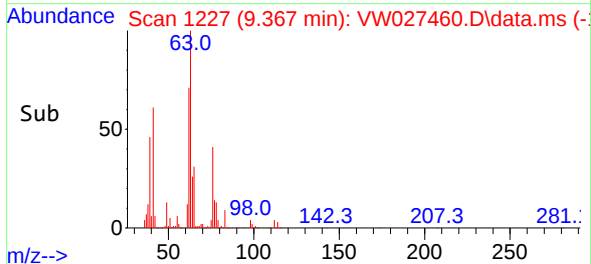
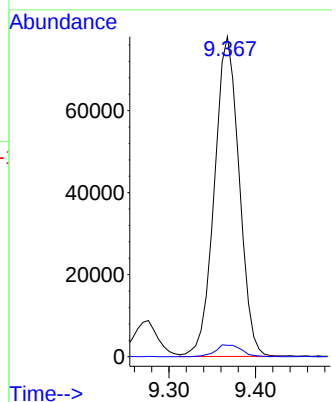
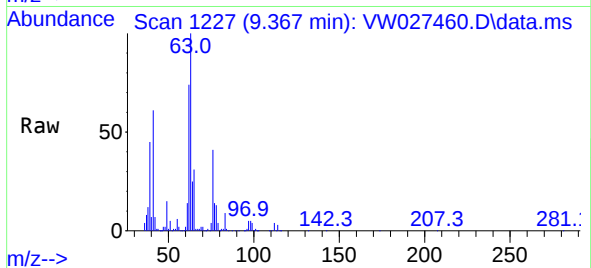
ClientSampleId :

Tgt Ion: 63 Resp: 154885

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 26.095 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027460.D

Acq: 27 Oct 2023 09:35

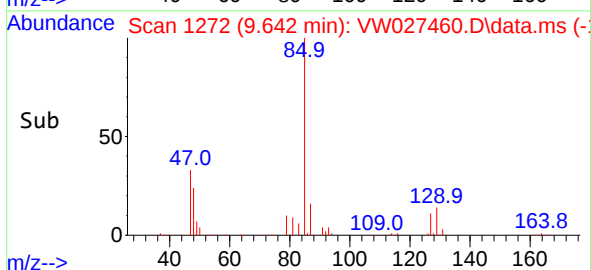
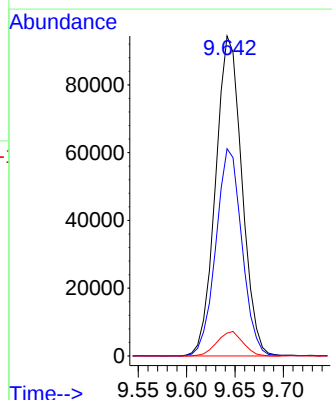
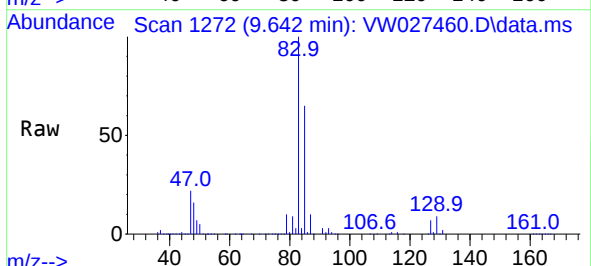
Tgt Ion: 83 Resp: 179054

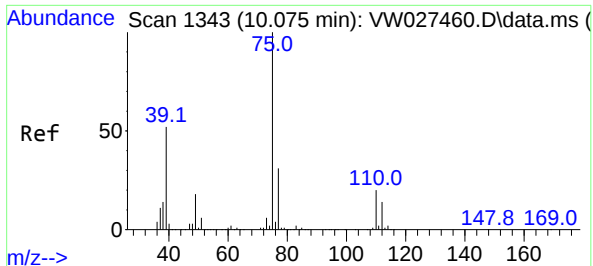
Ion Ratio Lower Upper

83 100

85 64.7 43.9 81.5

127 7.1 6.2 9.2

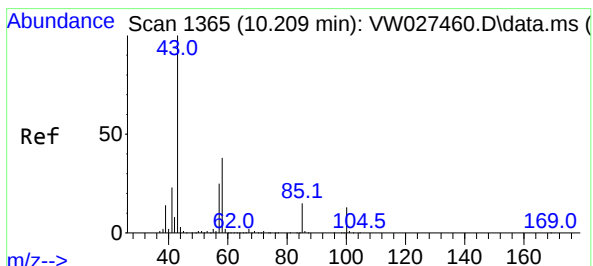
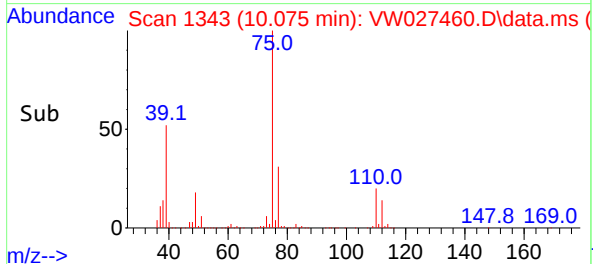
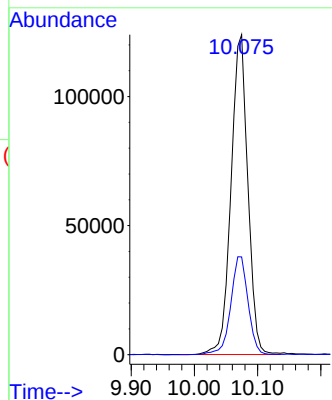
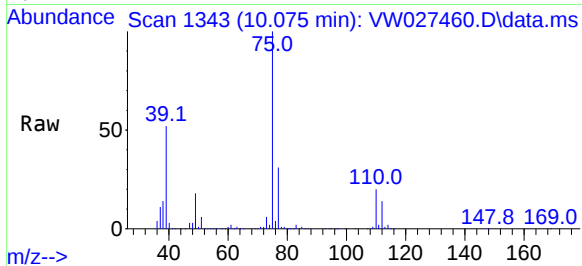




#39
 cis-1,3-Dichloropropene
 Concen: 24.794 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW027460.D
 Acq: 27 Oct 2023 09:35

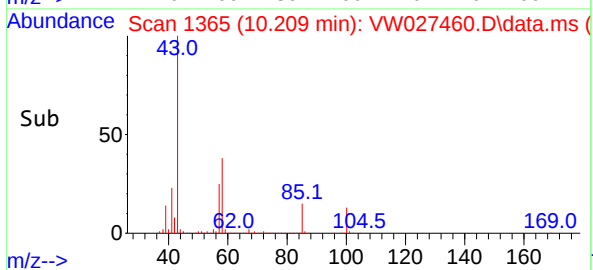
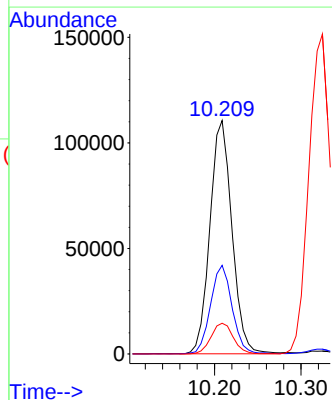
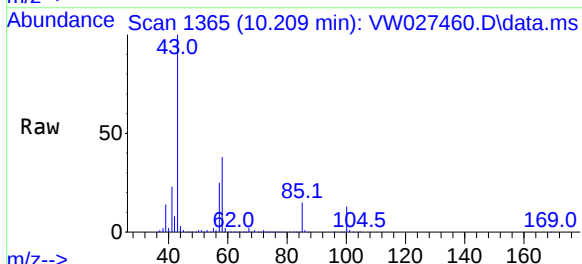
Instrument :
 MSVOA_W
 ClientSampleId :

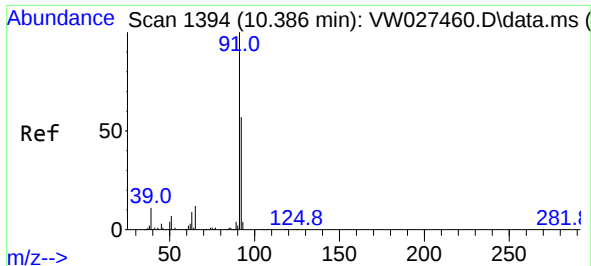
Tgt Ion: 75 Resp: 228552
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 50.898 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027460.D
 Acq: 27 Oct 2023 09:35

Tgt Ion: 43 Resp: 195325
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.5 45.7
 100 13.4 11.5 17.3

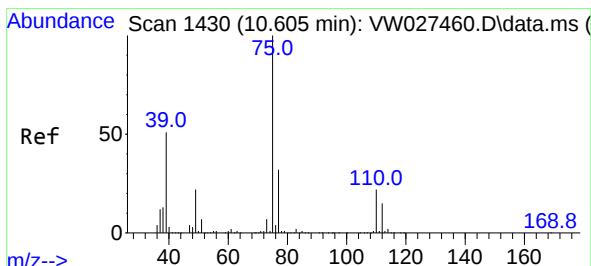
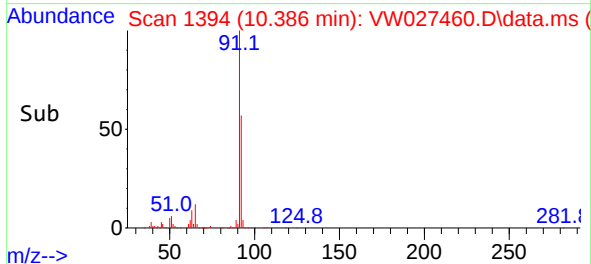
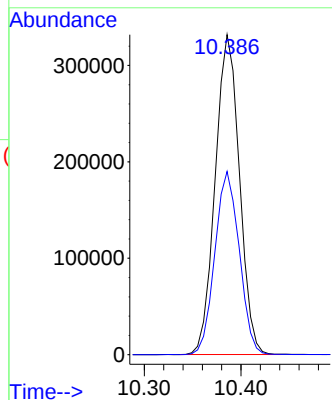
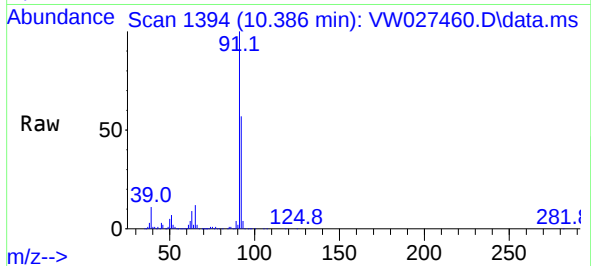




#42
Toluene
Concen: 26.686 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

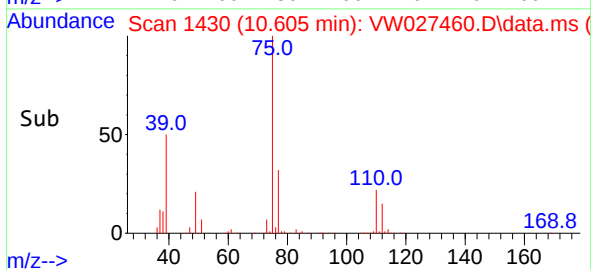
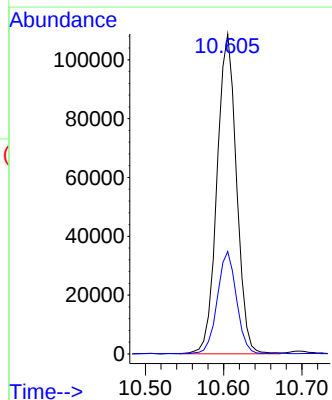
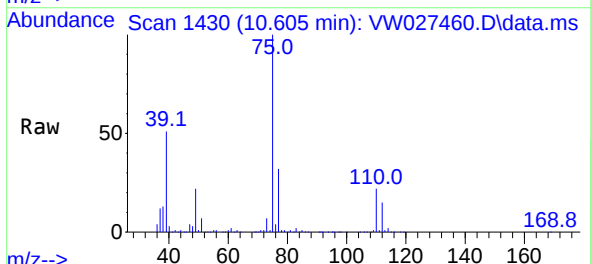
Instrument :
MSVOA_W
ClientSampleId :

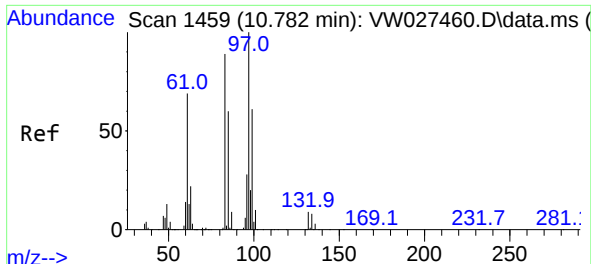
Tgt Ion: 91 Resp: 577745
Ion Ratio Lower Upper
91 100
92 57.2 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 24.173 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 75 Resp: 188013
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0



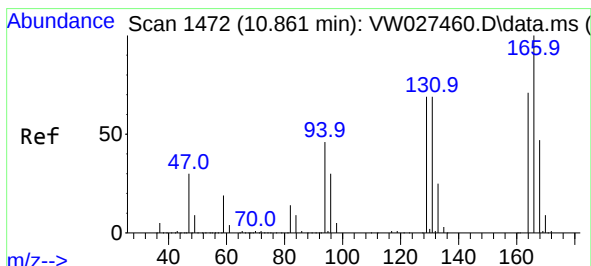
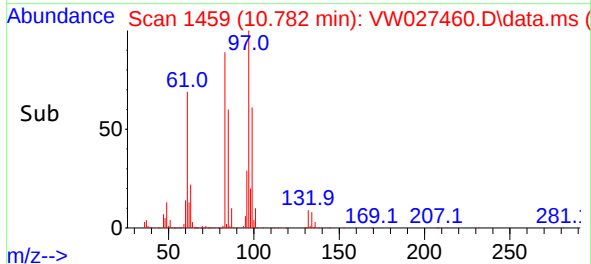
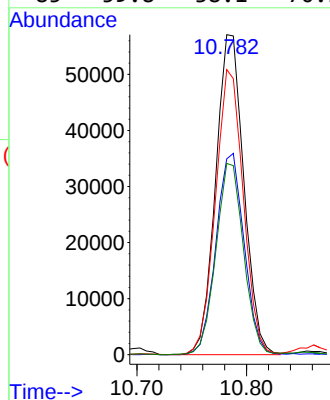
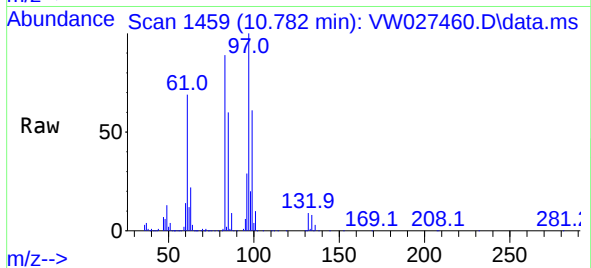


#45
1,1,2-Trichloroethane
Concen: 26.586 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 102089

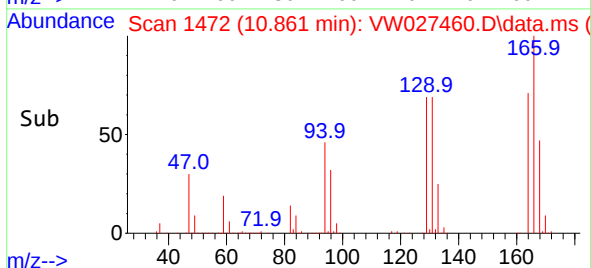
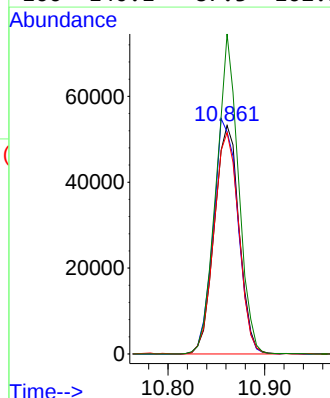
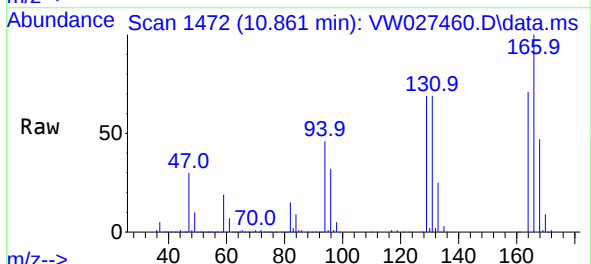
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.8	81.4
83	89.1	57.5	106.7
85	59.8	38.1	70.9

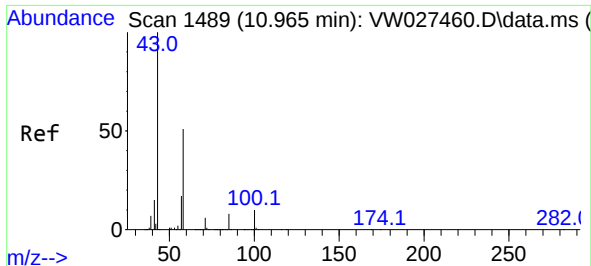


#46
Tetrachloroethene
Concen: 25.029 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 164 Resp: 94215

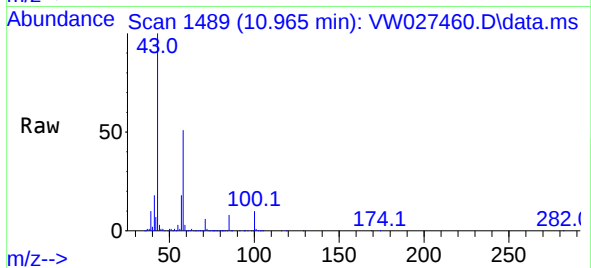
Ion	Ratio	Lower	Upper
164	100		
129	97.2	74.7	138.7
131	96.8	73.2	136.0
166	140.1	87.3	162.1





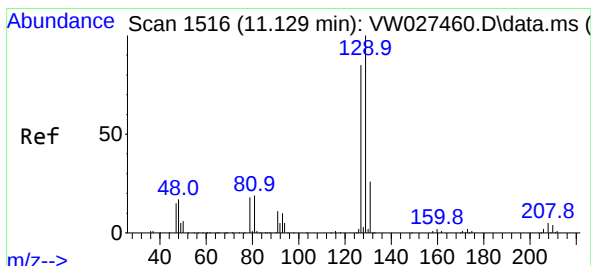
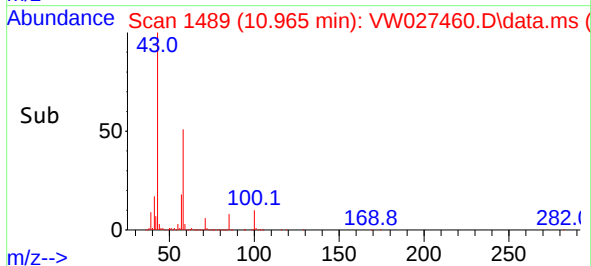
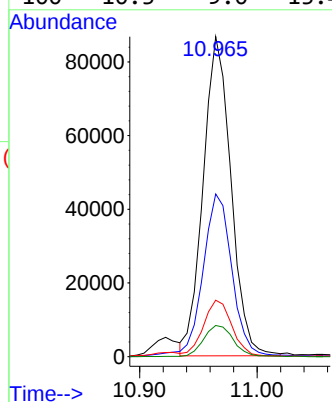
#48
2-Hexanone
Concen: 50.294 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 142853

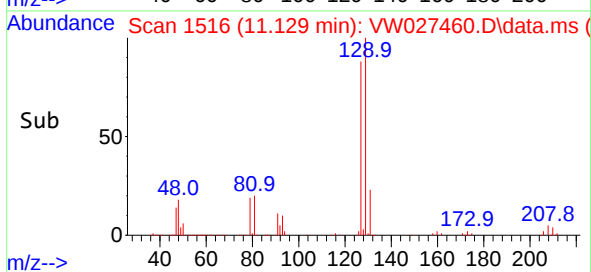
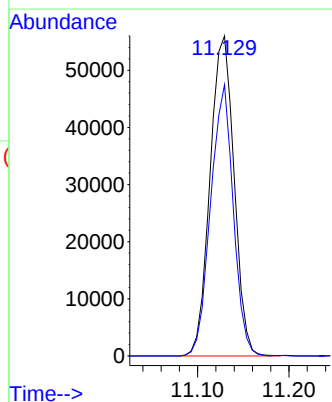
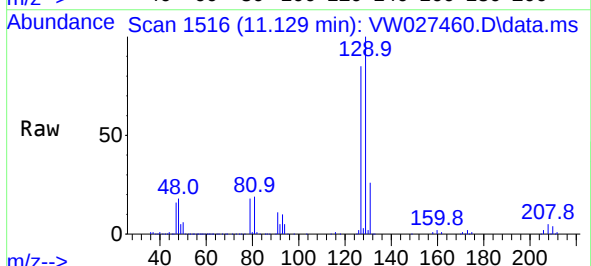
Ion	Ratio	Lower	Upper
43	100		
58	54.0	42.2	63.4
57	17.9	15.1	22.7
100	10.3	9.0	13.4

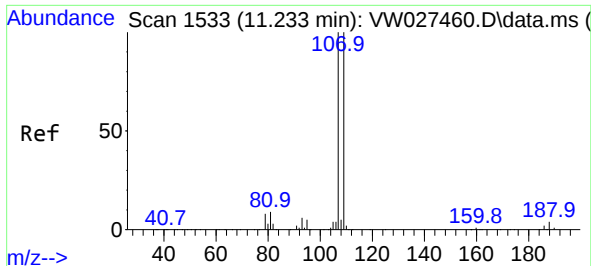


#49
Dibromochloromethane
Concen: 23.958 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 129 Resp: 102170

Ion	Ratio	Lower	Upper
129	100		
127	84.8	51.7	95.9





#50

1,2-Dibromoethane

Concen: 24.261 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027460.D

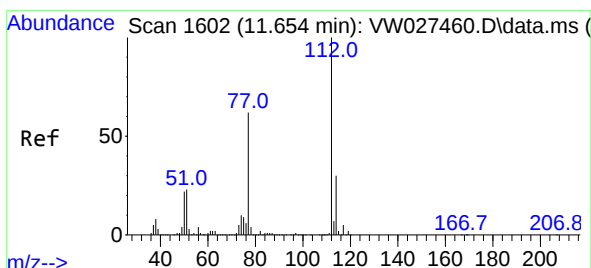
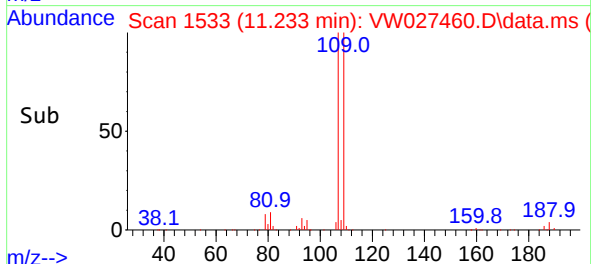
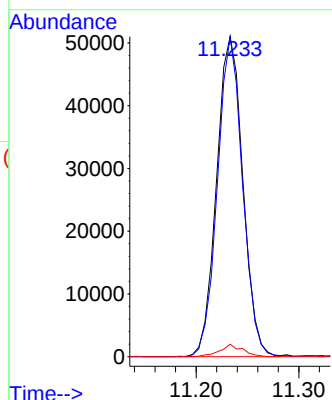
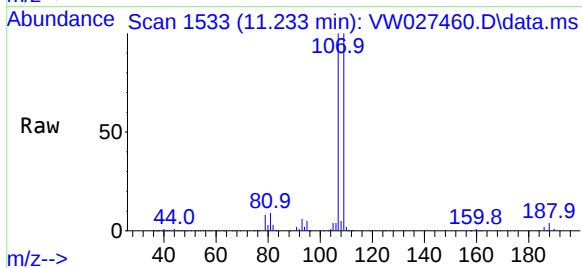
Acq: 27 Oct 2023 09:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	90324
Ion	Ratio	Lower	Upper
107	100		
109	99.9	66.3	123.1
188	3.9	3.0	4.4



#51

Chlorobenzene

Concen: 26.633 ug/L

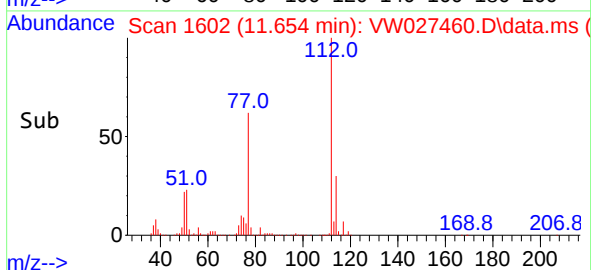
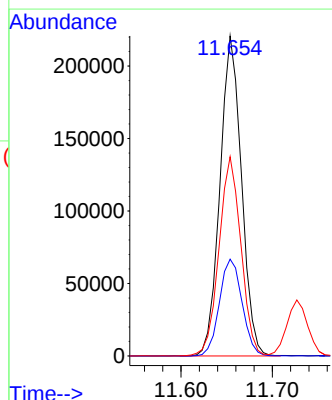
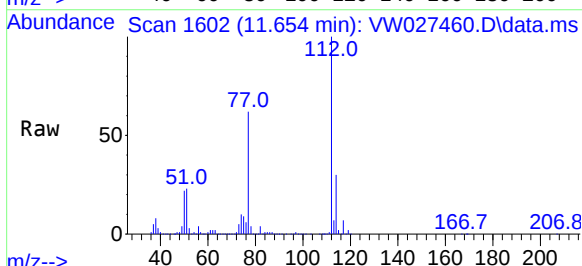
RT: 11.654 min Scan# 1602

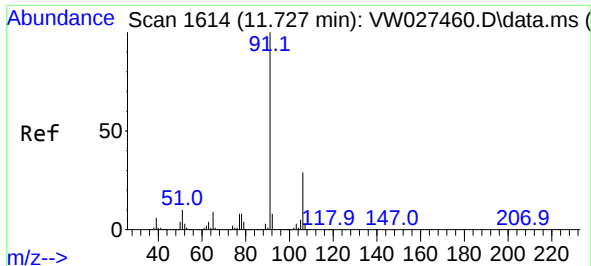
Delta R.T. -0.000 min

Lab File: VW027460.D

Acq: 27 Oct 2023 09:35

Tgt Ion:	112	Resp:	361072
Ion	Ratio	Lower	Upper
112	100		
114	30.2	21.8	40.6
77	62.2	52.2	78.4

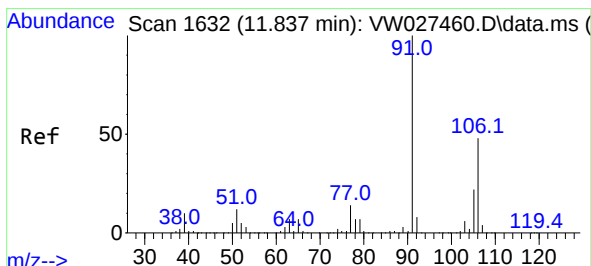
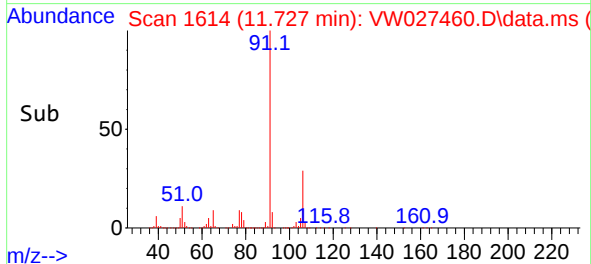
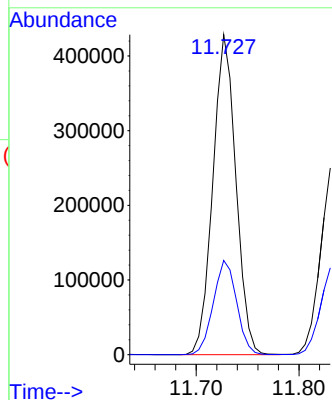
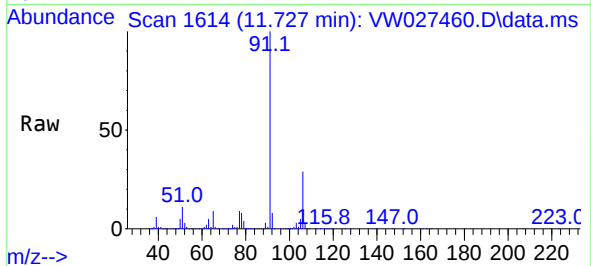




#52
Ethylbenzene
Concen: 26.518 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

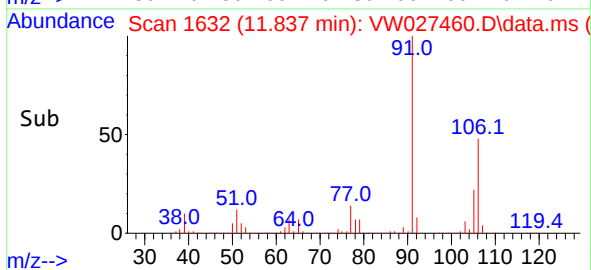
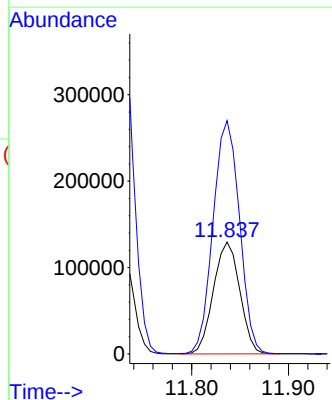
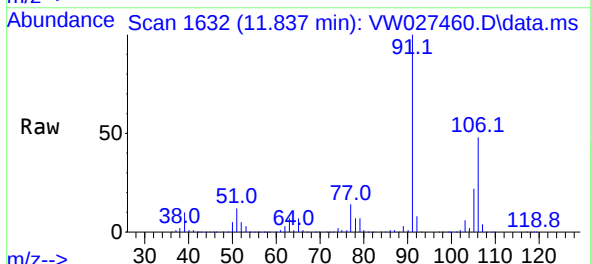
Instrument :
MSVOA_W
ClientSampleId :

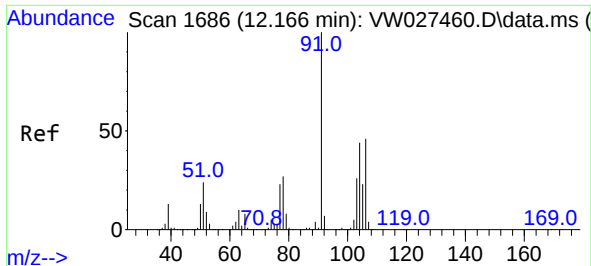
Tgt Ion: 91 Resp: 667161
Ion Ratio Lower Upper
91 100
106 29.5 19.8 36.8



#53
m,p-Xylene
Concen: 25.614 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion:106 Resp: 244413
Ion Ratio Lower Upper
106 100
91 208.6 144.5 268.4

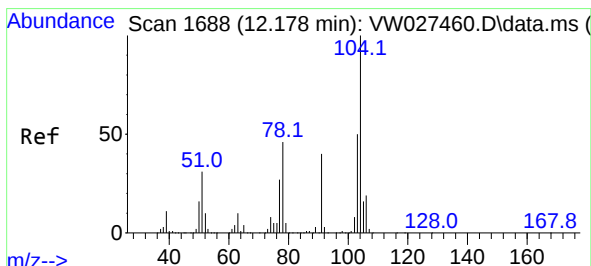
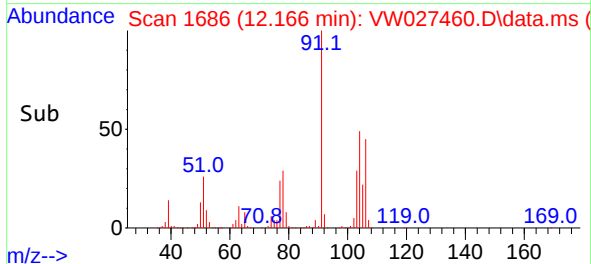
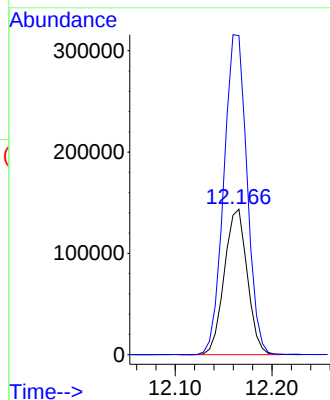
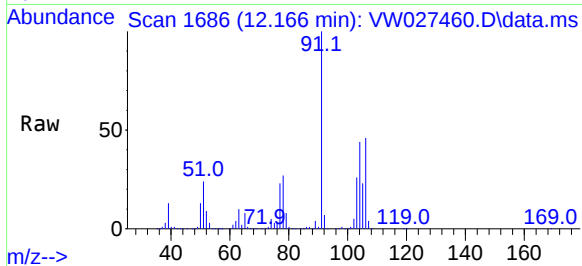




#54
o-Xylene
Concen: 25.888 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

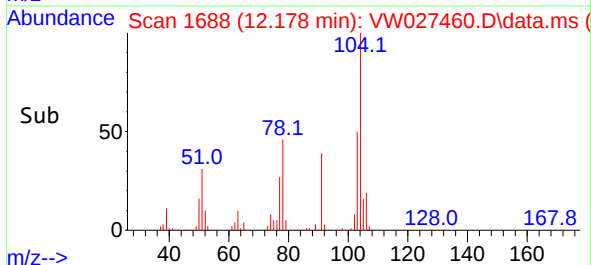
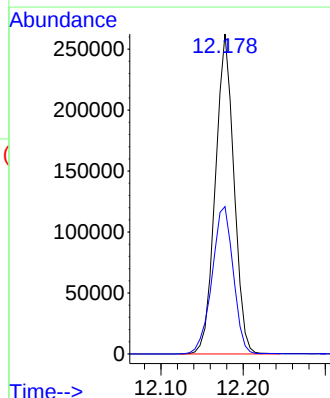
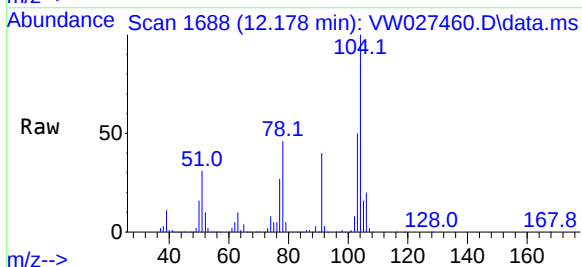
Instrument :
MSVOA_W
ClientSampleId :

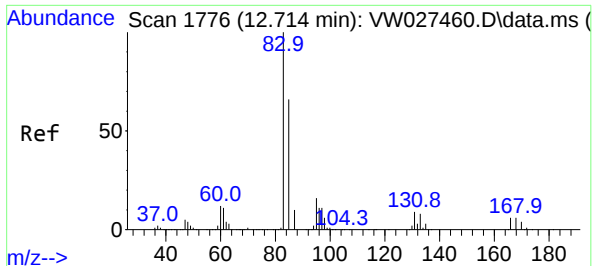
Tgt Ion:106 Resp: 236559
Ion Ratio Lower Upper
106 100
91 219.5 152.0 282.2



#55
Styrene
Concen: 26.423 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion:104 Resp: 412355
Ion Ratio Lower Upper
104 100
78 46.1 33.2 61.6

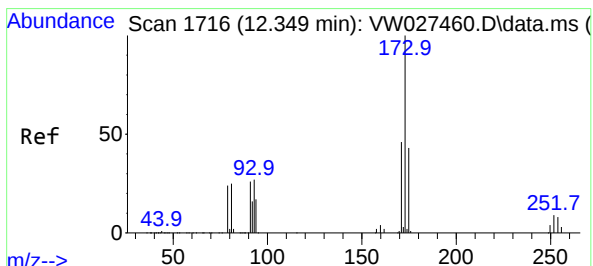
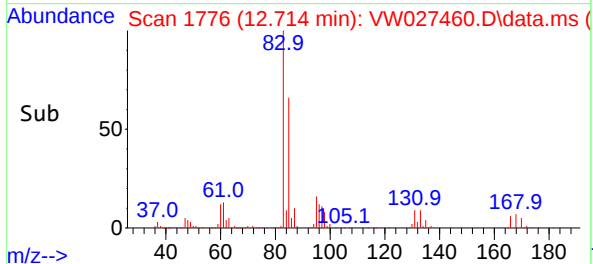
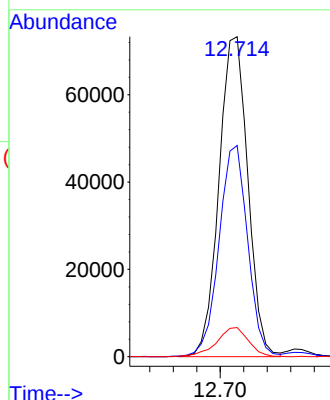
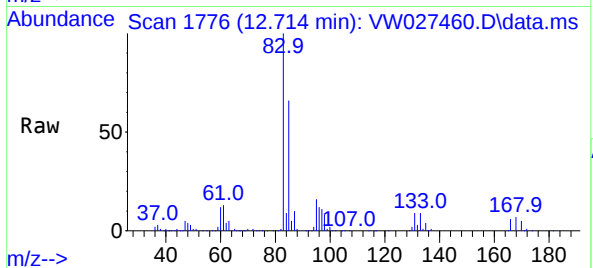




#57
1,1,2,2-Tetrachloroethane
Concen: 26.716 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

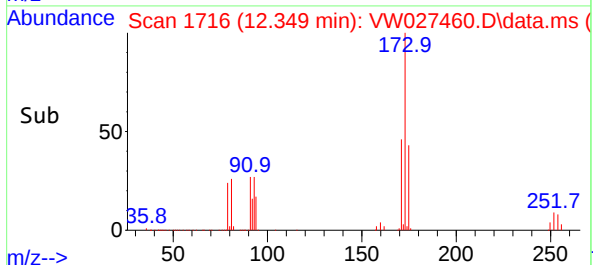
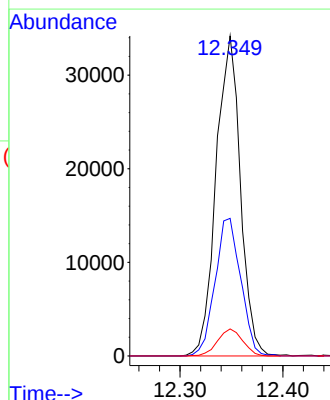
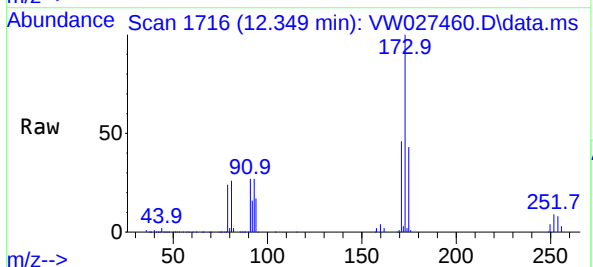
Instrument :
MSVOA_W
ClientSampleId :

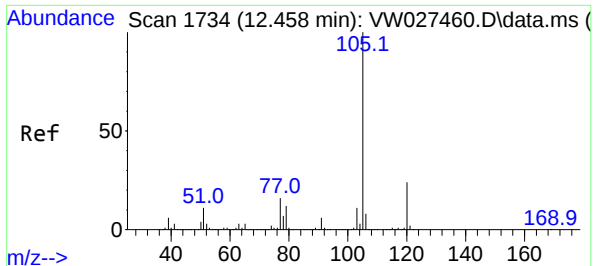
Tgt Ion: 83 Resp: 125236
Ion Ratio Lower Upper
83 100
85 66.0 43.2 80.2
131 9.1 7.2 10.8



#59
Bromoform
Concen: 22.102 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

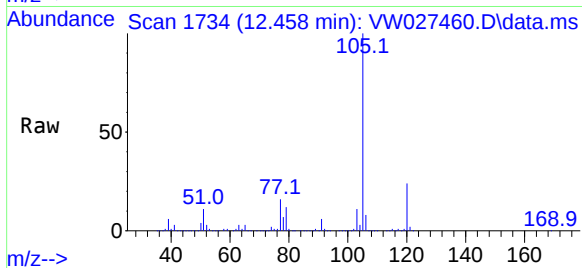
Tgt Ion: 173 Resp: 56051
Ion Ratio Lower Upper
173 100
175 45.4 39.6 59.4
254 8.7 6.6 10.0



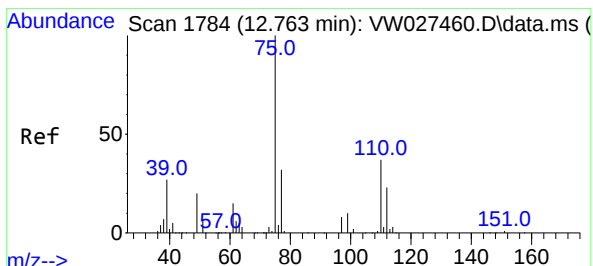
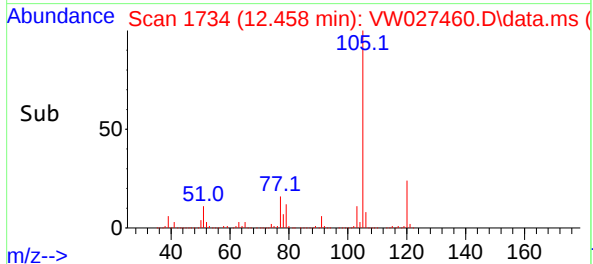
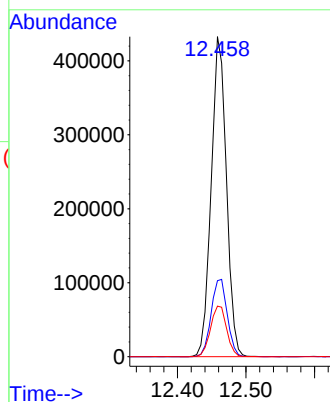


#60
Isopropylbenzene
Concen: 24.927 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Instrument :
MSVOA_W
ClientSampleId :

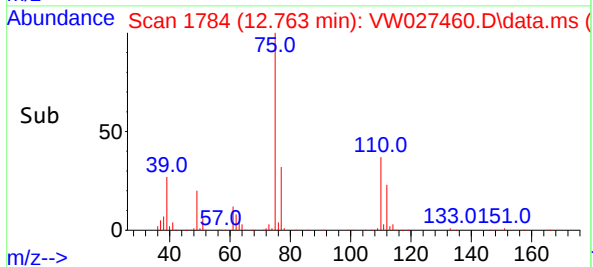
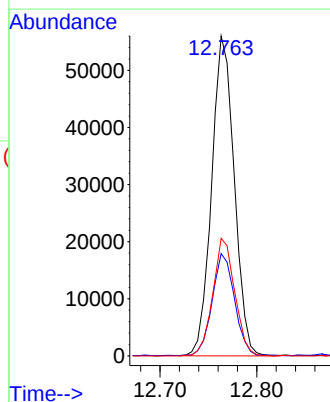
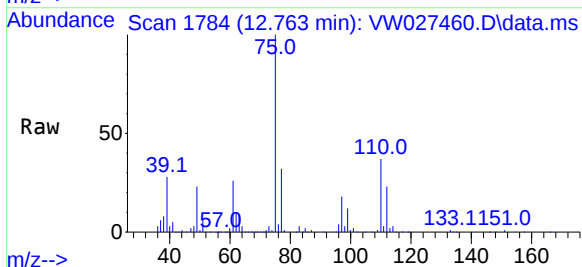


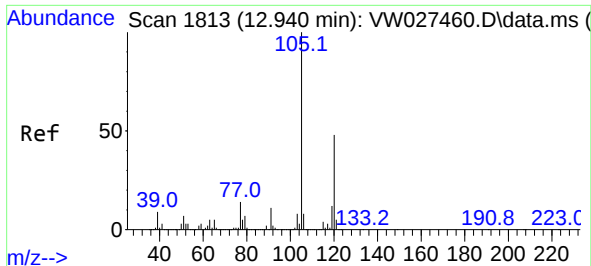
Tgt Ion:105 Resp: 667384
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 16.9 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 24.426 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 75 Resp: 90897
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 35.8 29.7 44.5

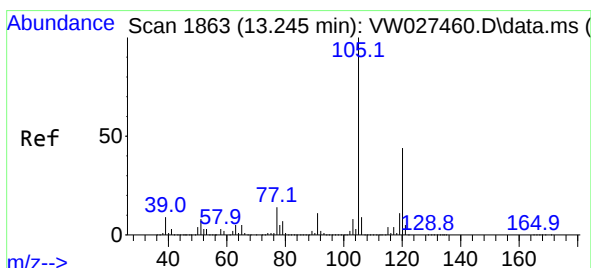
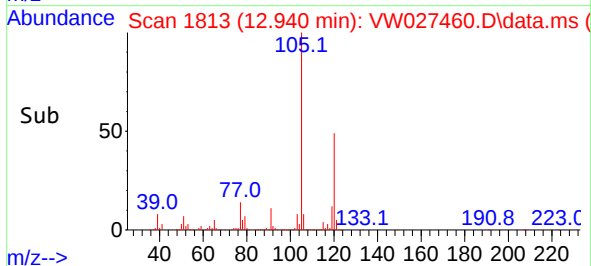
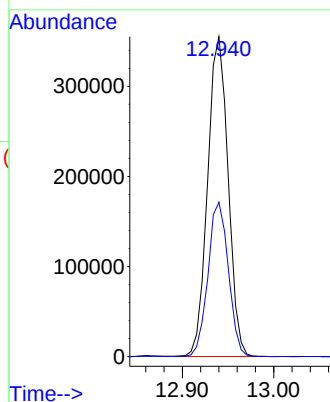
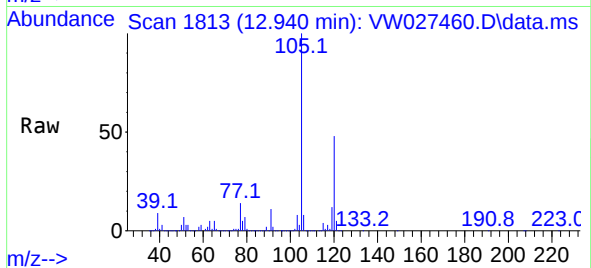




#62
1,3,5-Trimethylbenzene
Concen: 24.719 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

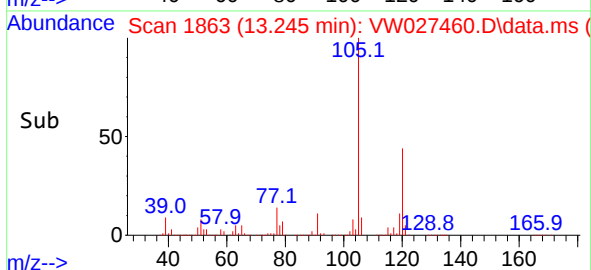
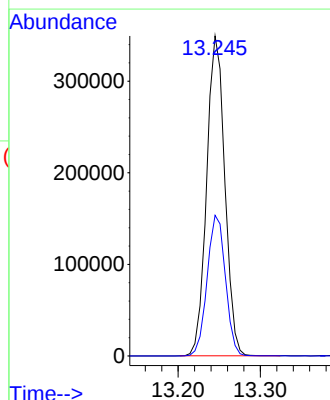
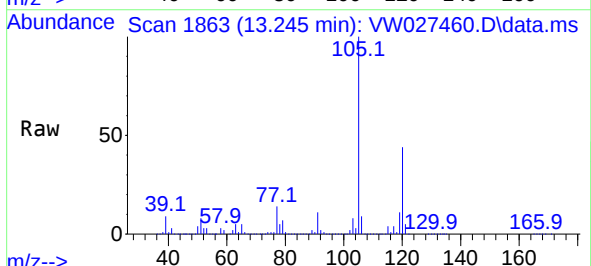
Instrument :
MSVOA_W
ClientSampleId :

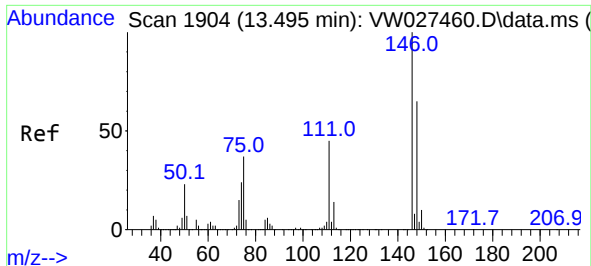
Tgt Ion:105 Resp: 552047
Ion Ratio Lower Upper
105 100
120 48.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.525 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

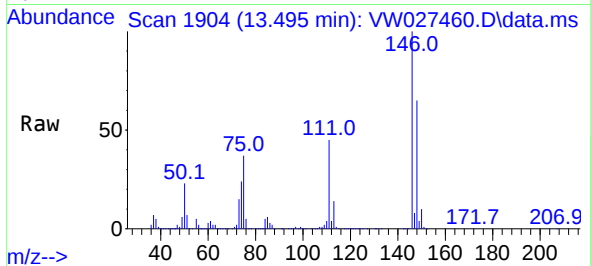
Tgt Ion:105 Resp: 535893
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.2



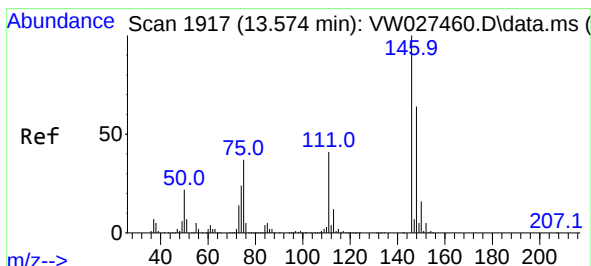
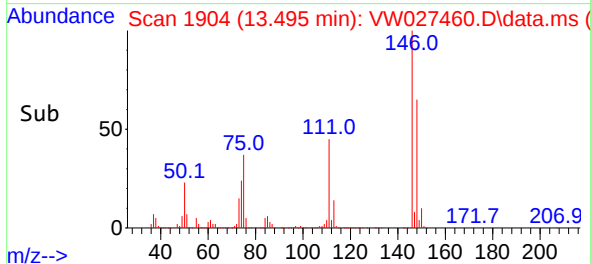
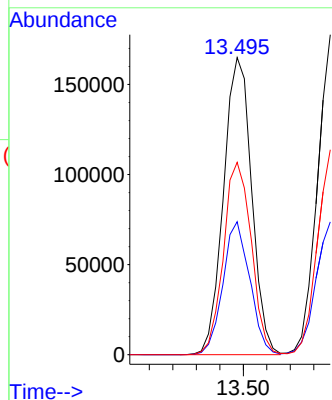


#64
1,3-Dichlorobenzene
Concen: 25.247 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Instrument :
MSVOA_W
ClientSampleId :

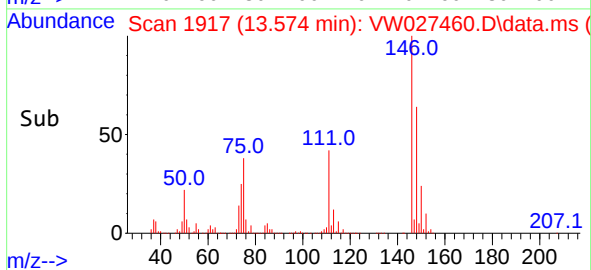
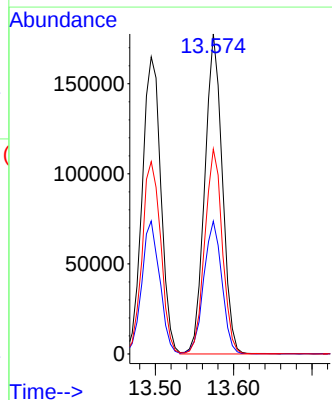
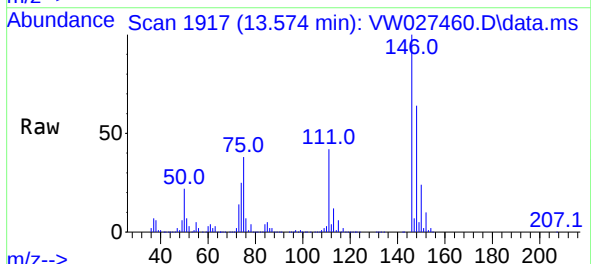


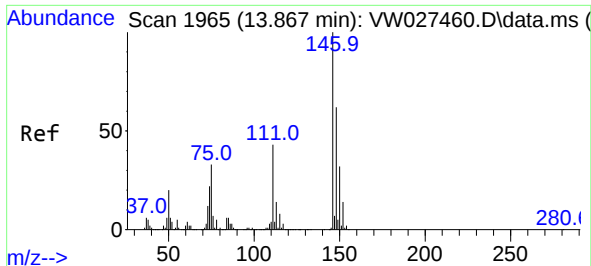
Tgt Ion:146 Resp: 274111
Ion Ratio Lower Upper
146 100
111 44.8 30.8 57.2
148 64.7 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 25.463 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion:146 Resp: 276083
Ion Ratio Lower Upper
146 100
111 41.5 29.5 54.9
148 64.1 43.0 79.8

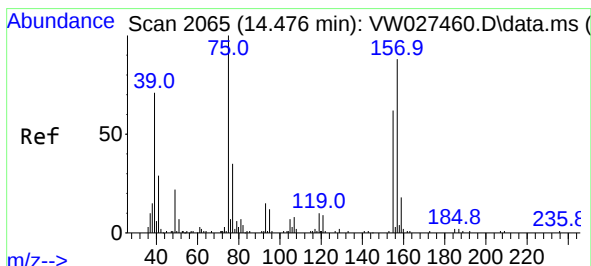
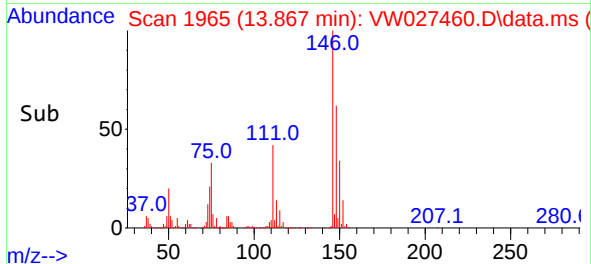
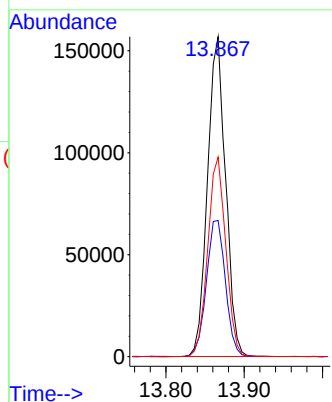
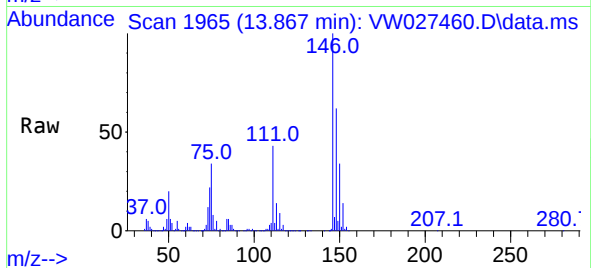




#67
1,2-Dichlorobenzene
Concen: 26.098 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

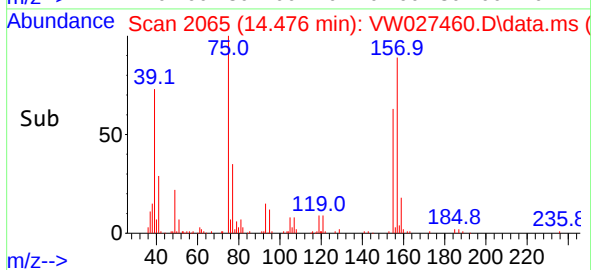
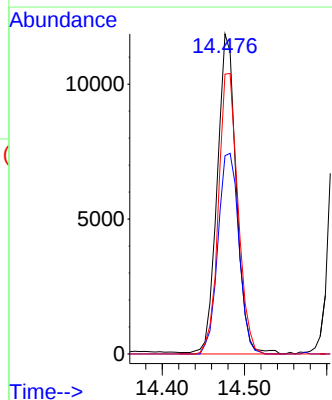
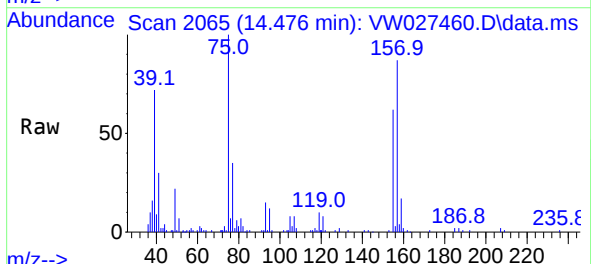
Instrument :
MSVOA_W
ClientSampleId :

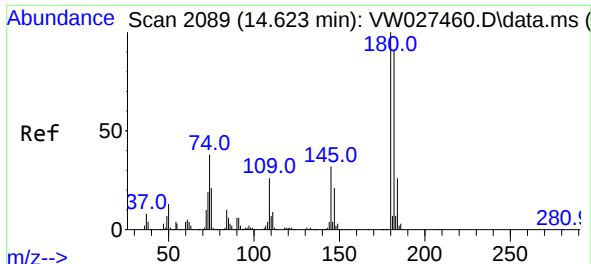
Tgt Ion:146 Resp: 251436
Ion Ratio Lower Upper
146 100
111 42.6 36.8 55.2
148 62.4 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 20.627 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion: 75 Resp: 19184
Ion Ratio Lower Upper
75 100
155 62.0 54.9 82.3
157 87.5 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 25.644 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

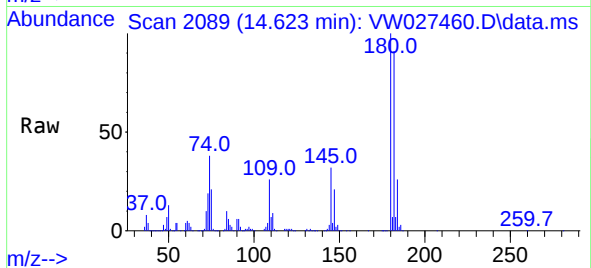
Lab File: VW027460.D

Acq: 27 Oct 2023 09:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 180743

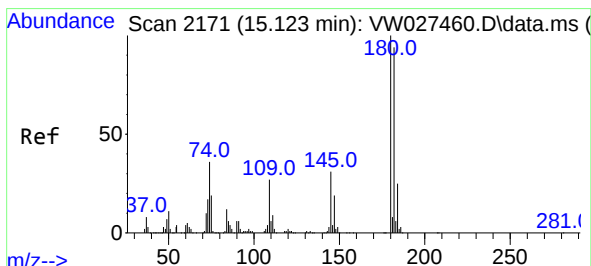
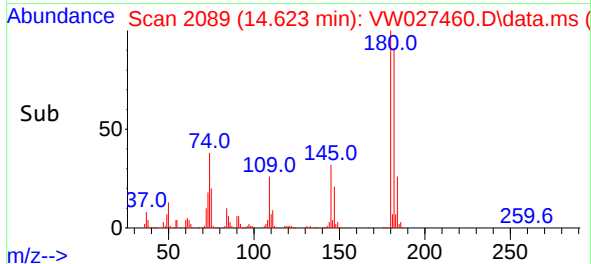
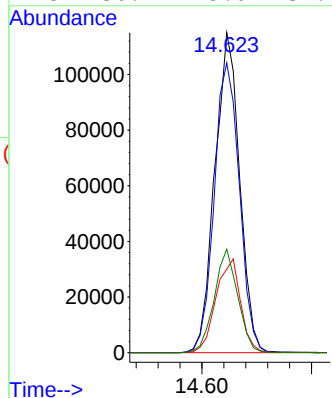
Ion Ratio Lower Upper

180 100

182 92.0 73.4 110.0

184 29.1 23.3 34.9

145 30.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.748 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027460.D

Acq: 27 Oct 2023 09:35

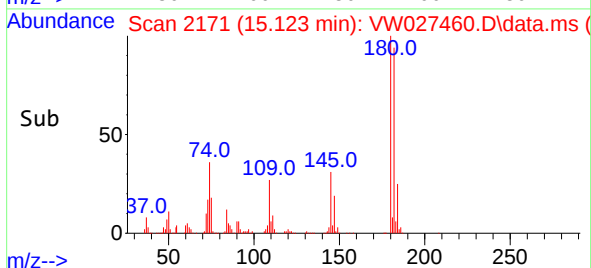
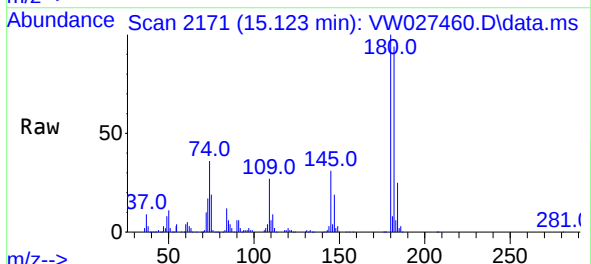
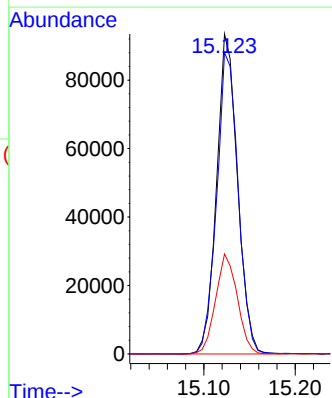
Tgt Ion:180 Resp: 148459

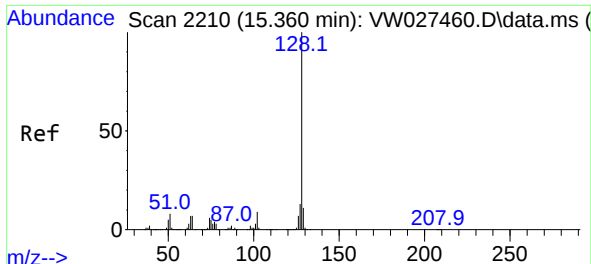
Ion Ratio Lower Upper

180 100

182 96.8 75.5 113.3

145 32.4 26.4 39.6

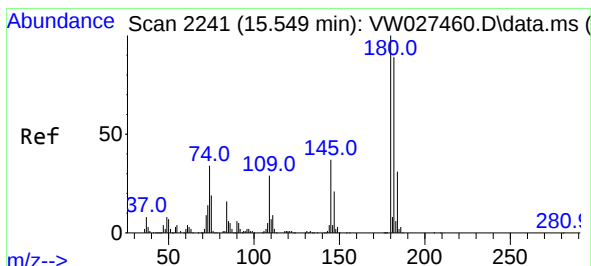
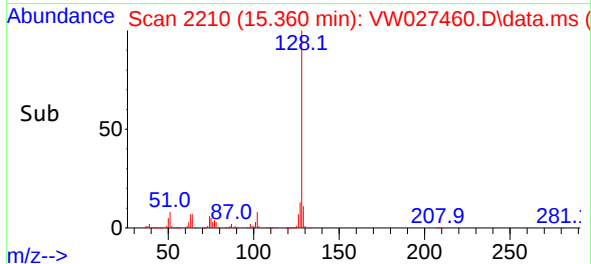
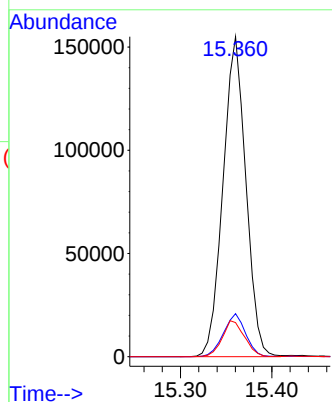
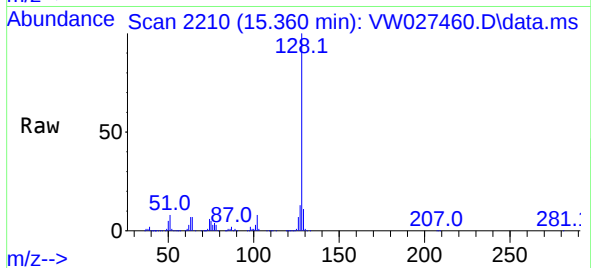




#71
Naphthalene
Concen: 21.807 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 269018
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.668 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027460.D
Acq: 27 Oct 2023 09:35

Tgt Ion:180 Resp: 121684
Ion Ratio Lower Upper
180 100
182 94.2 81.1 121.7
145 34.1 30.6 45.8

