

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027117.D
 Acq On : 18 Sep 2023 09:54
 Operator : SY/MD
 Sample : VSTD00534
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:10:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:09:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	488418	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	487643	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	257818	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	43578	5.545	ug/L	0.00
7) Chloroethane-d5	2.899	69	33407	5.505	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	17896	5.312	ug/L	0.00
21) 2-Butanone-d5	7.081	46	10706	7.527	ug/L	0.00
24) Chloroform-d	7.648	84	73758	5.027	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	35466	4.953	ug/L	0.00
32) Benzene-d6	8.270	84	153028	4.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	44428	4.986	ug/L	0.00
41) Toluene-d8	10.325	98	129278	4.612	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	16012	4.447	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	5938	5.671	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	33130	4.640	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	44912	4.878	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	29340	5.156	ug/L #	83
3) Chloromethane	2.216	50	30964	5.194	ug/L	98
5) Vinyl chloride	2.369	62	45093	5.559	ug/L	93
6) Bromomethane	2.783	94	30140	5.350	ug/L	94
8) Chloroethane	2.930	64	25704	5.434	ug/L	98
9) Trichlorofluoromethane	3.271	101	29062	4.613	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	36397	5.014	ug/L #	80
12) 1,1-Dichloroethene	4.045	96	35931	5.044	ug/L	88
13) Acetone	4.119	43	13899	10.111	ug/L	48
14) Carbon disulfide	4.387	76	121357	5.111	ug/L	98
15) Methyl Acetate	4.527	43	275	0.101	ug/L	98
16) Methylene chloride	4.917	84	60484	6.509	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	37298	4.826	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	45561	4.436	ug/L	99
19) 1,1-Dichloroethane	6.222	63	68158	5.028	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	38643	4.753	ug/L	99
22) 2-Butanone	7.173	43	15946	8.748	ug/L	77
23) Bromochloromethane	7.514	128	18086	4.832	ug/L	94
25) Chloroform	7.673	83	71431	5.131	ug/L	94
27) 1,2-Dichloroethane	8.398	62	42091	4.989	ug/L	97
29) Cyclohexane	7.959	56	51106	4.379	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	57065	4.952	ug/L	99
31) Carbon tetrachloride	8.069	117	49579	4.855	ug/L	98
33) Benzene	8.325	78	157730	4.897	ug/L	100
34) Trichloroethene	9.087	95	41520	4.878	ug/L	98
35) Methylcyclohexane	9.337	83	64384	4.435	ug/L	94
37) 1,2-Dichloropropane	9.368	63	39326	4.917	ug/L #	91
38) Bromodichloromethane	9.648	83	47290	4.835	ug/L #	94
39) cis-1,3-Dichloropropene	10.069	75	53172	4.438	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	30258	8.435	ug/L	97
42) Toluene	10.386	91	162061	4.762	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	44876	4.463	ug/L	96

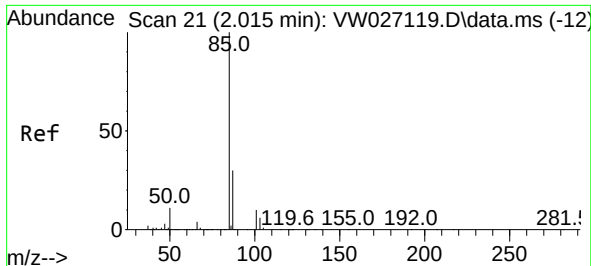
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
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 Quant Title : SFAM01.0
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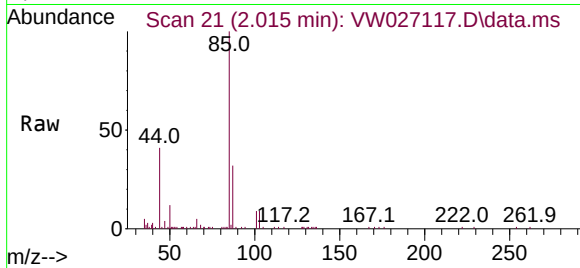
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	29170	4.740	ug/L	98
46) Tetrachloroethene	10.861	164	34983	4.876	ug/L	95
48) 2-Hexanone	10.971	43	20486	8.111	ug/L	97
49) Dibromochloromethane	11.123	129	29914	4.645	ug/L	99
50) 1,2-Dibromoethane	11.233	107	25999	4.603	ug/L	99
51) Chlorobenzene	11.654	112	109081	4.857	ug/L	97
52) Ethylbenzene	11.727	91	170679	4.573	ug/L	98
53) m,p-Xylene	11.837	106	63708	4.451	ug/L	99
54) o-Xylene	12.166	106	60143	4.410	ug/L	95
55) Styrene	12.178	104	104325	4.465	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	33601	4.660	ug/L	99
59) Bromoform	12.349	173	18024	4.826	ug/L #	93
60) Isopropylbenzene	12.459	105	161973	4.689	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	23559	4.900	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	123271	4.459	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	119329	4.455	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	83330	5.102	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	86458	5.093	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	76036	5.093	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	5373	5.046	ug/L	82
69) 1,3,5-Trichlorobenzene	14.629	180	62348	5.303	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	46535	4.994	ug/L	98
71) Naphthalene	15.354	128	67894	4.380	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	44531	5.294	ug/L	95

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

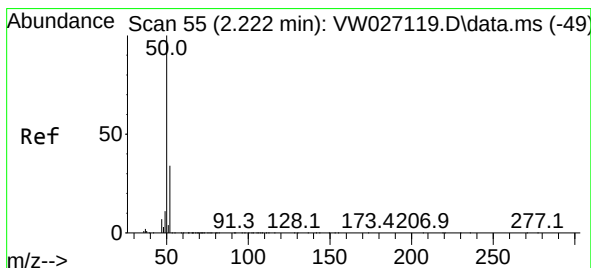
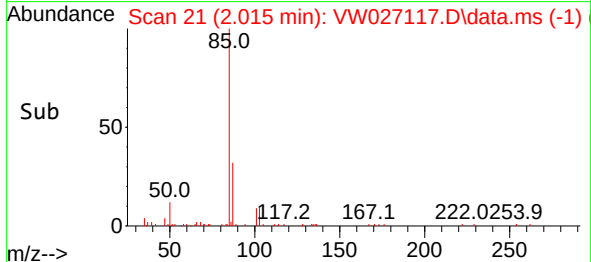
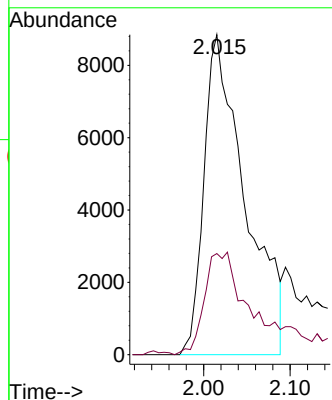


#2
 Dichlorodifluoromethane
 Concen: 5.156 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027117.D
 Acq: 18 Sep 2023 09:54

Instrument :
 MSVOA_W
 ClientSampleId :

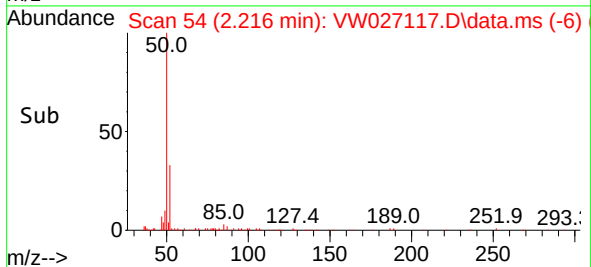
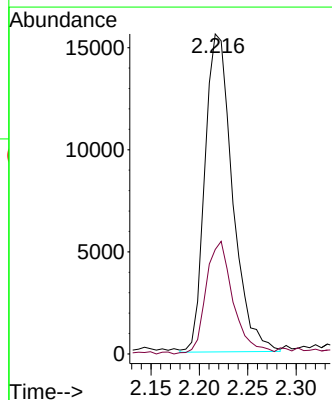
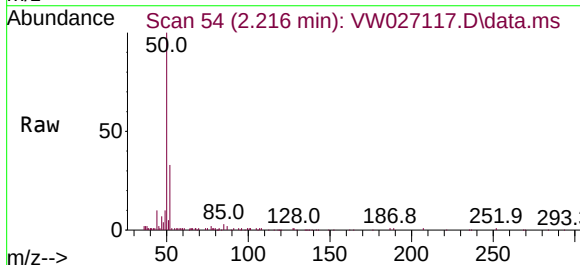


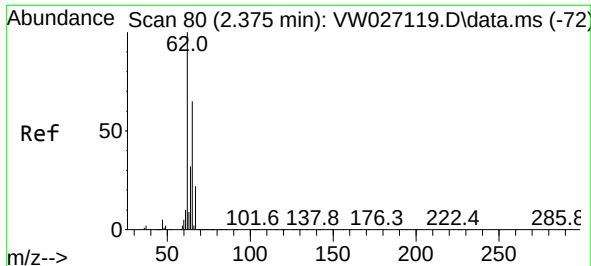
Tgt Ion: 85 Resp: 29340
 Ion Ratio Lower Upper
 85 100
 87 14.9 18.5 27.7#



#3
 Chloromethane
 Concen: 5.194 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW027117.D
 Acq: 18 Sep 2023 09:54

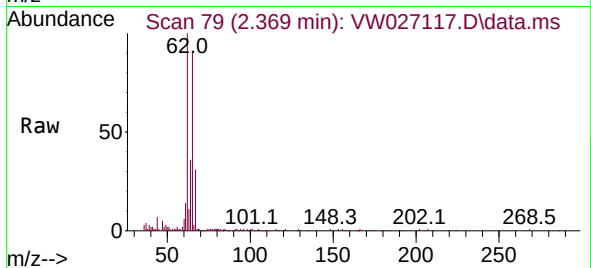
Tgt Ion: 50 Resp: 30964
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.8 44.2



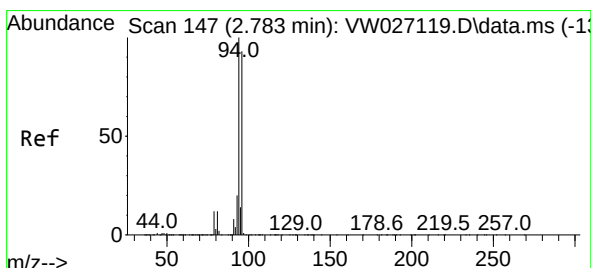
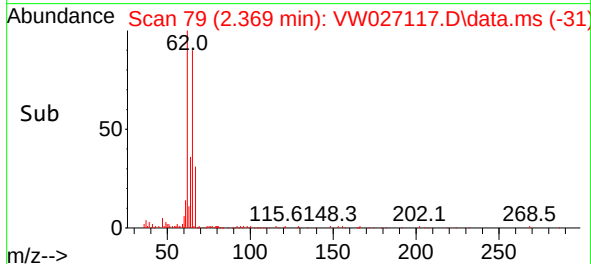
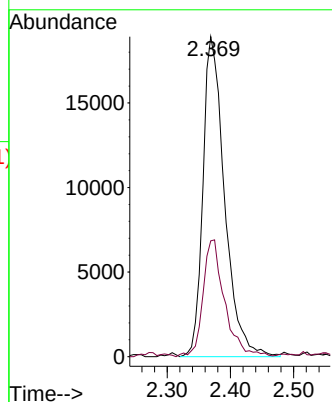


#5
 Vinyl chloride
 Concen: 5.559 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW027117.D
 Acq: 18 Sep 2023 09:54

Instrument :
 MSVOA_W
 ClientSampleId :

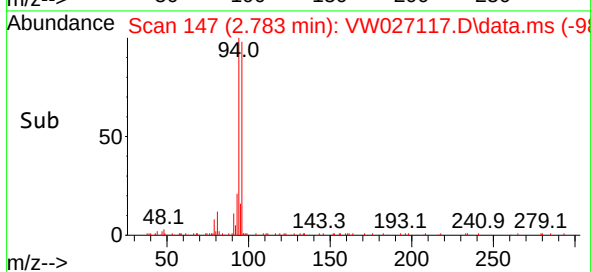
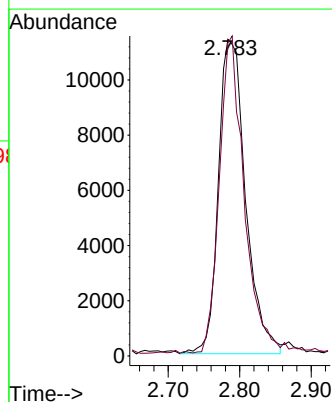
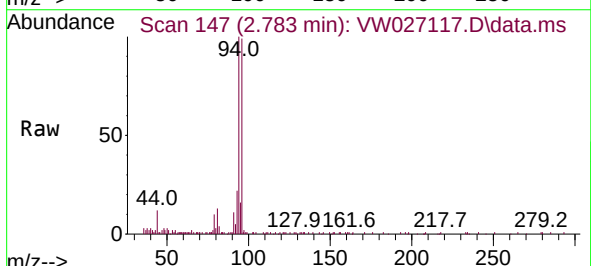


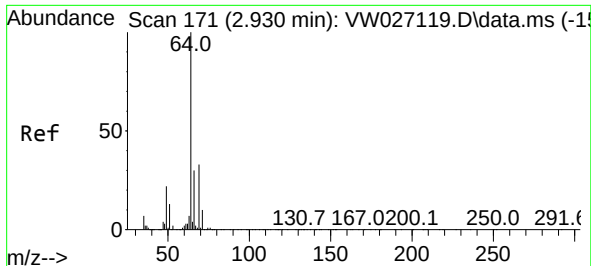
Tgt Ion: 62 Resp: 45093
 Ion Ratio Lower Upper
 62 100
 64 36.2 22.5 41.7



#6
 Bromomethane
 Concen: 5.350 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW027117.D
 Acq: 18 Sep 2023 09:54

Tgt Ion: 94 Resp: 30140
 Ion Ratio Lower Upper
 94 100
 96 98.8 65.0 120.8

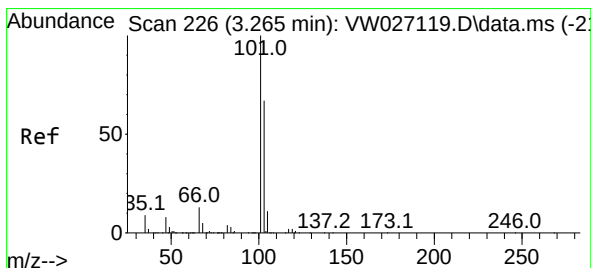
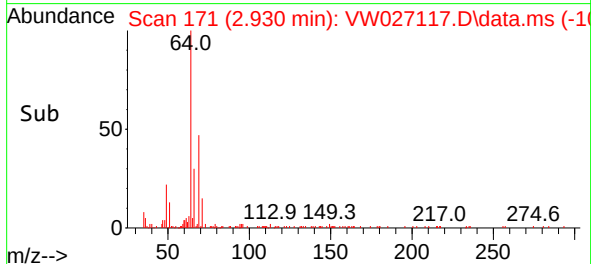
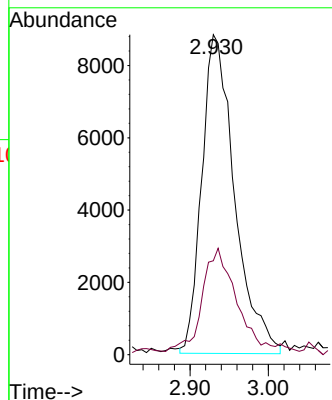
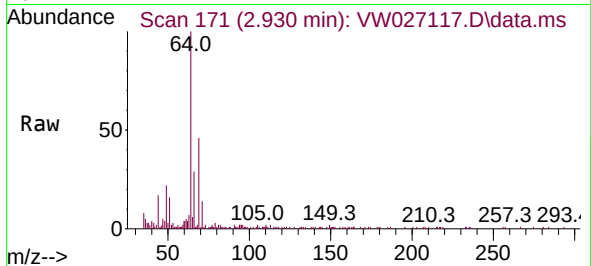




#8
Chloroethane
Concen: 5.434 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

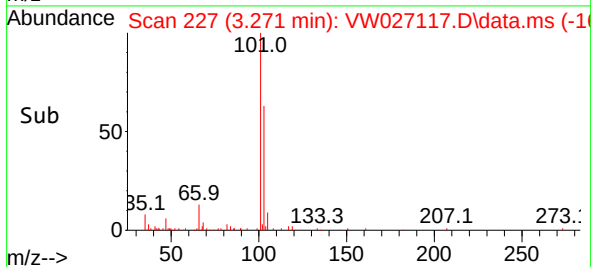
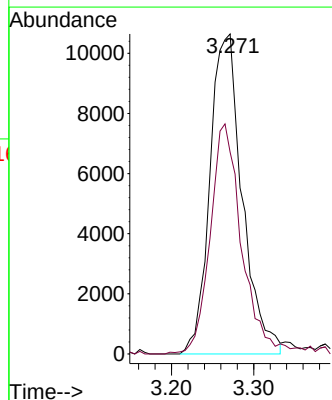
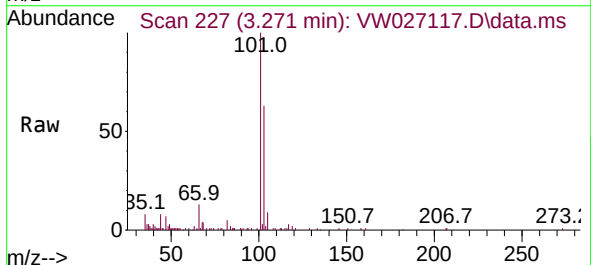
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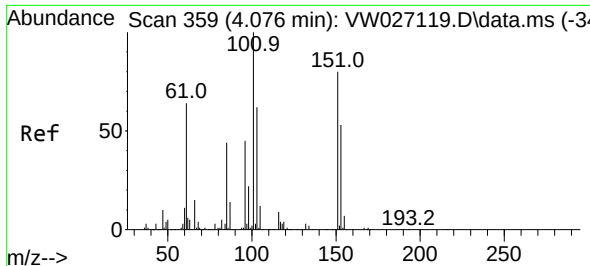
Tgt Ion: 64 Resp: 25704
Ion Ratio Lower Upper
64 100
66 29.3 21.3 39.6



#9
Trichlorofluoromethane
Concen: 4.613 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 101 Resp: 29062
Ion Ratio Lower Upper
101 100
103 68.6 50.9 76.3

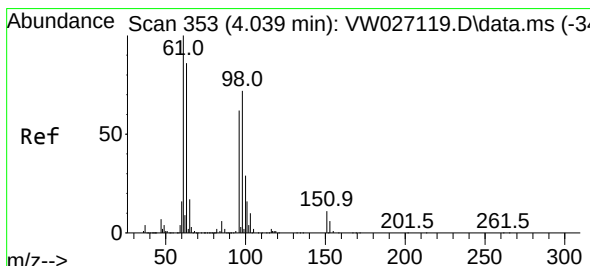
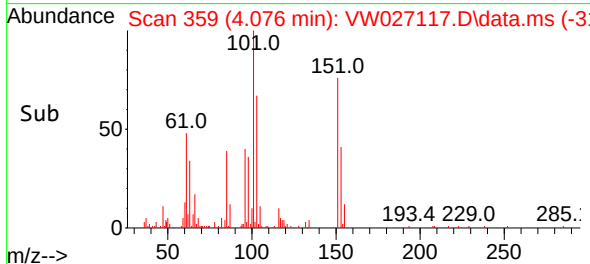
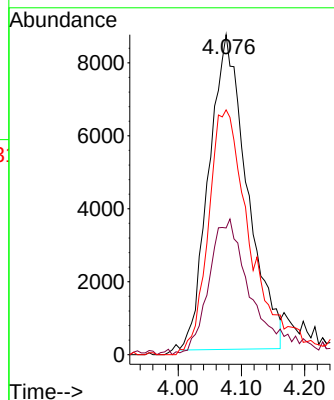
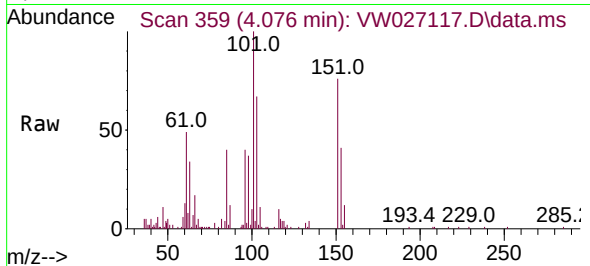




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.014 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027117.D
 Acq: 18 Sep 2023 09:54

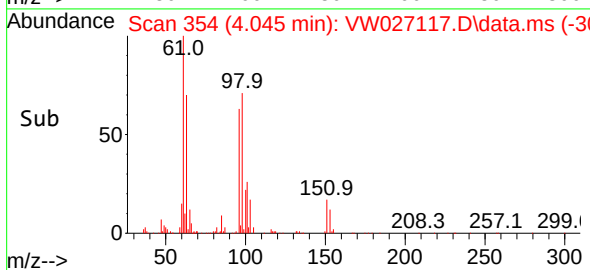
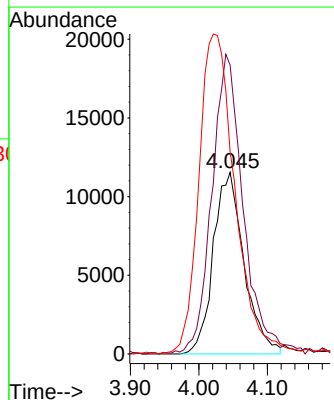
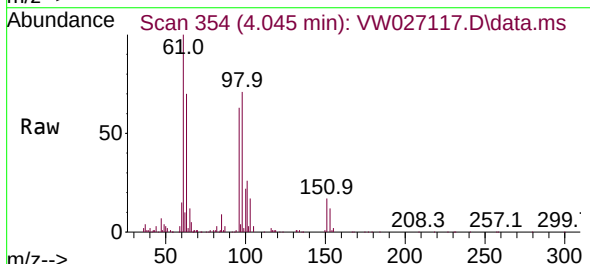
Instrument :
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 ClientSampleId :

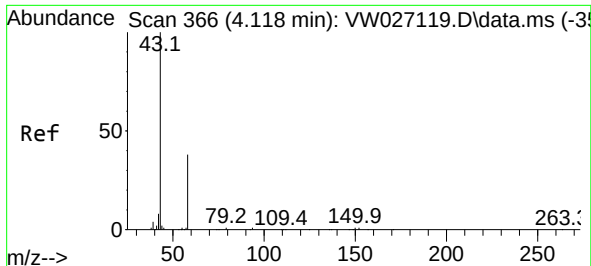
Tgt Ion:101 Resp: 36397
 Ion Ratio Lower Upper
 101 100
 85 20.9 35.7 53.5#
 151 79.9 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 5.044 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW027117.D
 Acq: 18 Sep 2023 09:54

Tgt Ion: 96 Resp: 35931
 Ion Ratio Lower Upper
 96 100
 61 159.2 112.5 208.9
 63 111.2 99.4 184.6

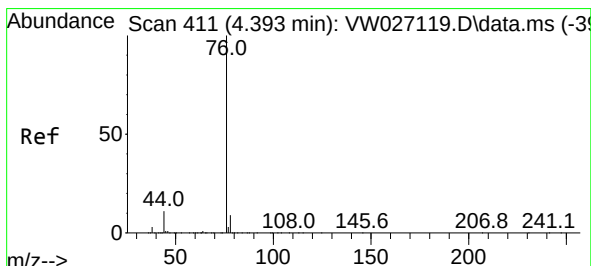
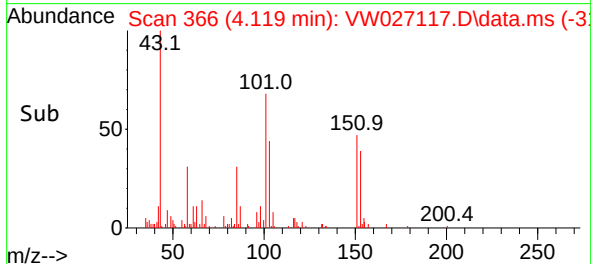
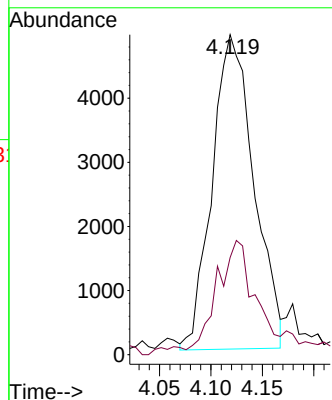
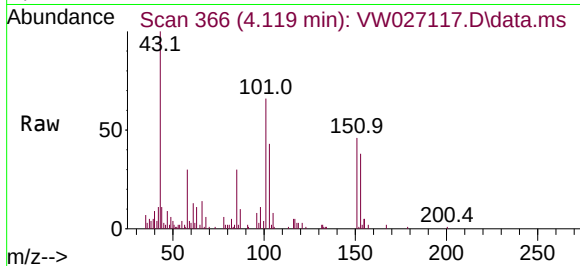




#13
Acetone
Concen: 10.111 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

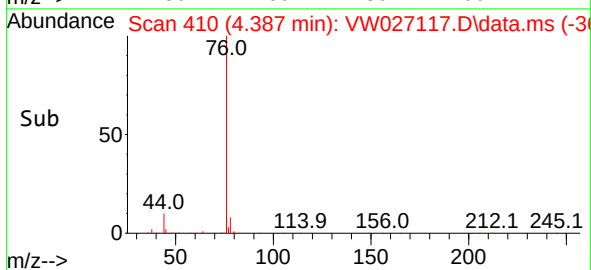
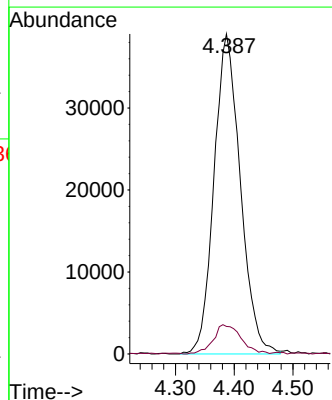
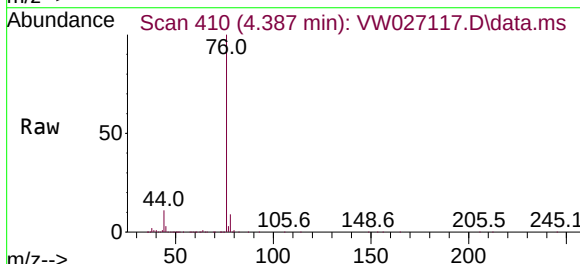
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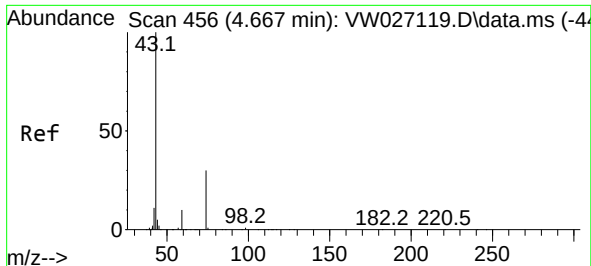
Tgt Ion: 43 Resp: 13899
Ion Ratio Lower Upper
43 100
58 7.2 0.0 77.4



#14
Carbon disulfide
Concen: 5.111 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 76 Resp: 121357
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

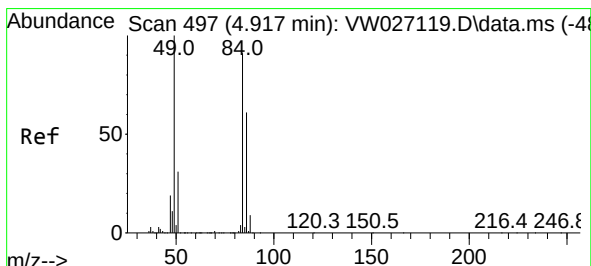
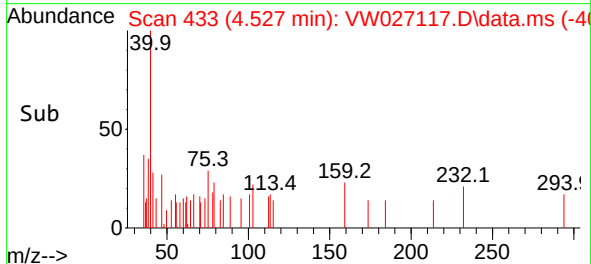
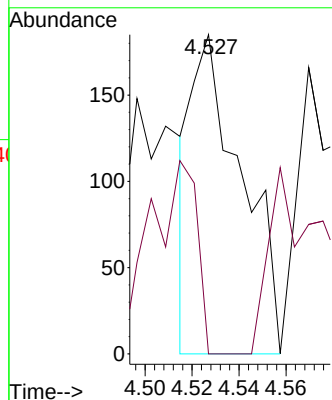
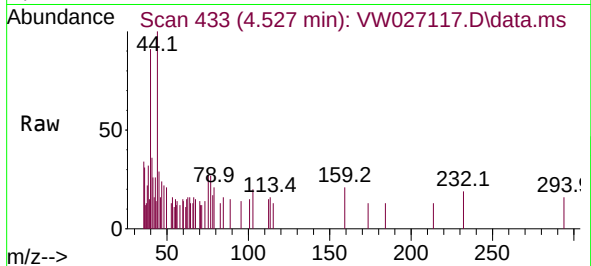




#15
Methyl Acetate
Concen: 0.101 ug/L
RT: 4.527 min Scan# 41
Delta R.T. -0.140 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

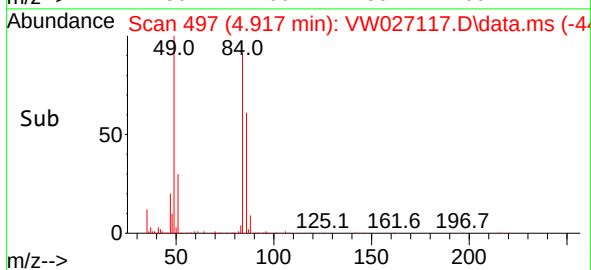
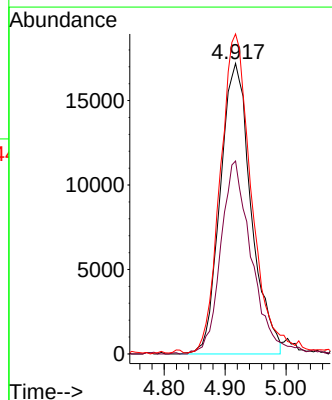
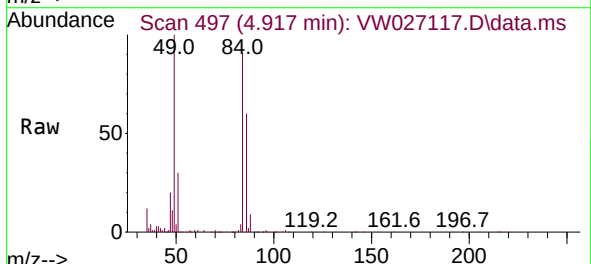
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ClientSampleId :

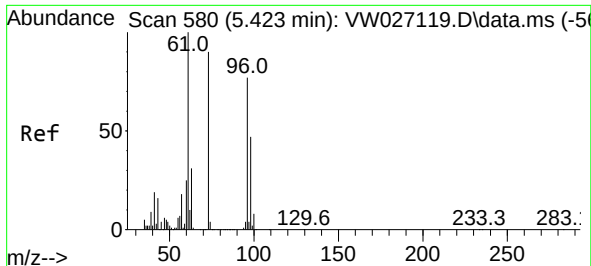
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
74 28.0 23.2 34.8



#16
Methylene chloride
Concen: 6.509 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 84 Resp: 60484
Ion Ratio Lower Upper
84 100
86 66.4 46.7 86.7
49 110.1 77.1 143.1

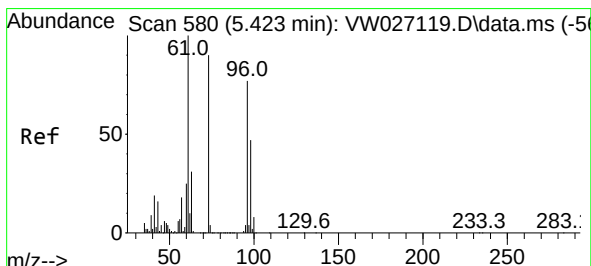
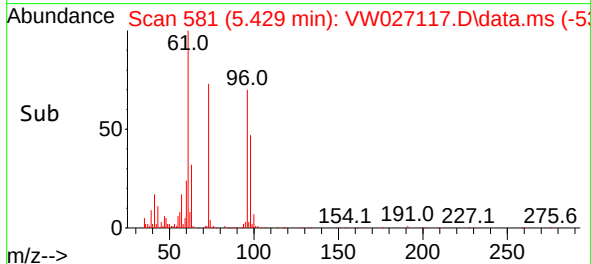
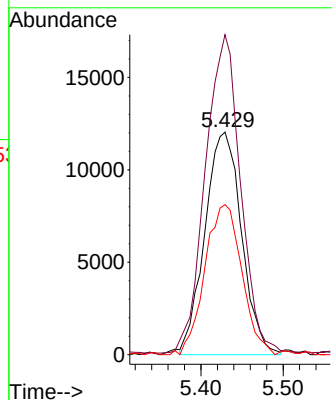
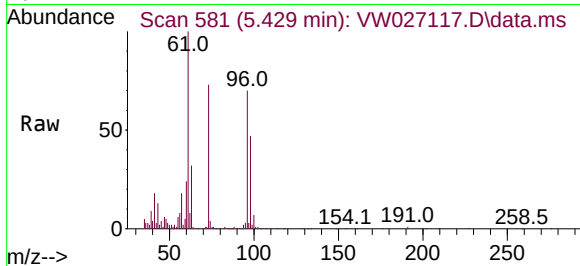




#17
trans-1,2-Dichloroethene
Concen: 4.826 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

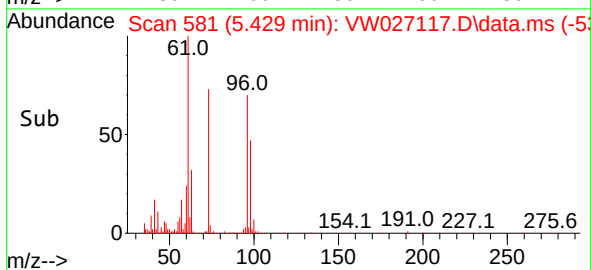
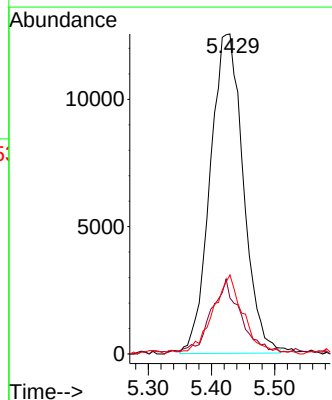
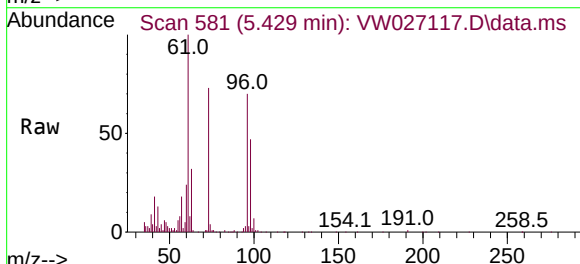
Instrument :
MSVOA_W
ClientSampleId :

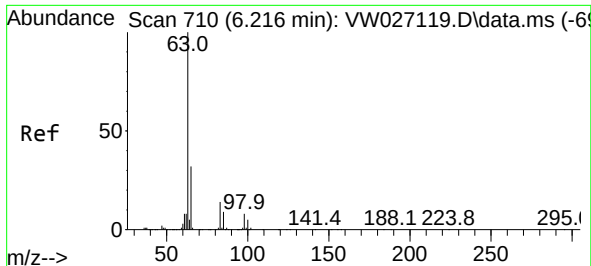
Tgt Ion: 96 Resp: 37298
Ion Ratio Lower Upper
96 100
61 143.7 91.2 169.4
98 67.4 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 4.436 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 73 Resp: 45561
Ion Ratio Lower Upper
73 100
43 18.9 15.2 22.8
57 22.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 5.028 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

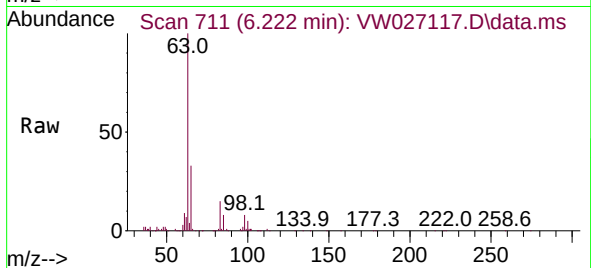
Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :



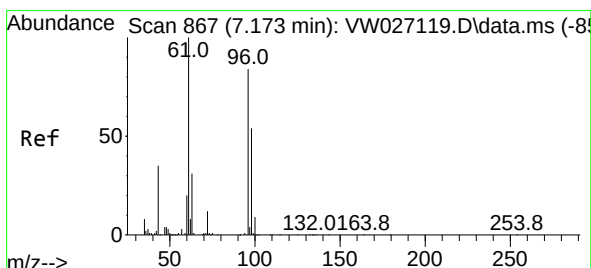
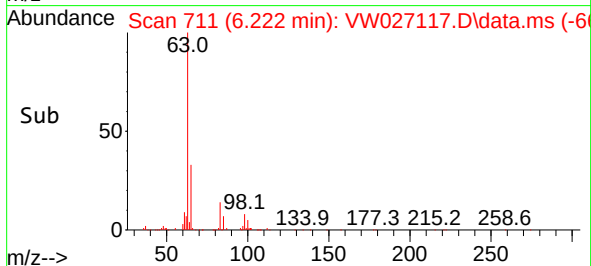
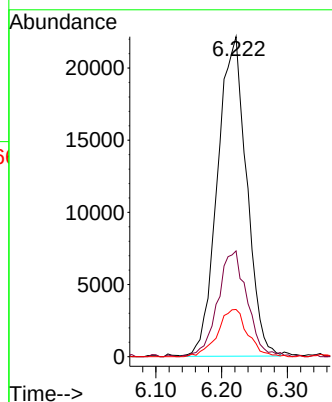
Tgt Ion: 63 Resp: 68158

Ion Ratio Lower Upper

63 100

65 33.1 22.6 42.0

83 14.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 4.753 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

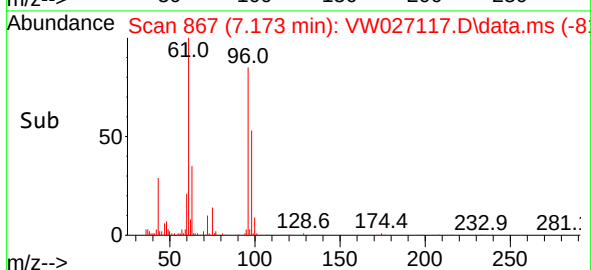
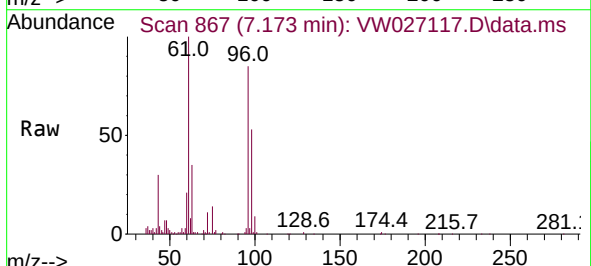
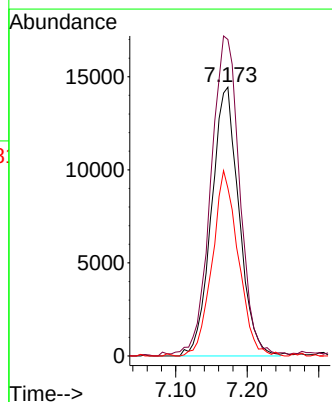
Tgt Ion: 96 Resp: 38643

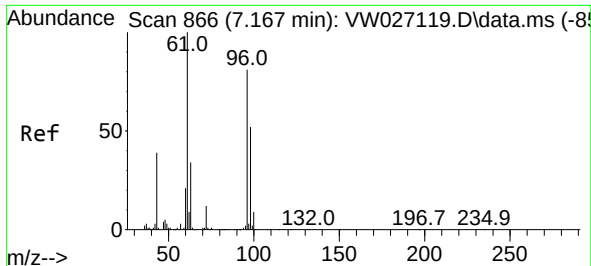
Ion Ratio Lower Upper

96 100

61 117.7 83.0 154.1

98 62.4 44.6 82.8

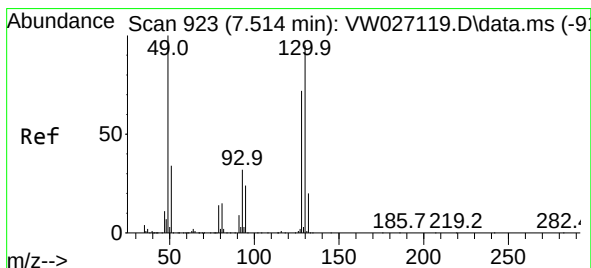
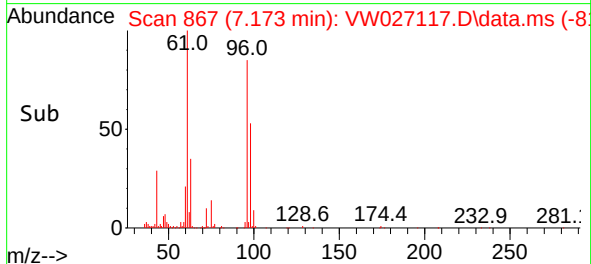
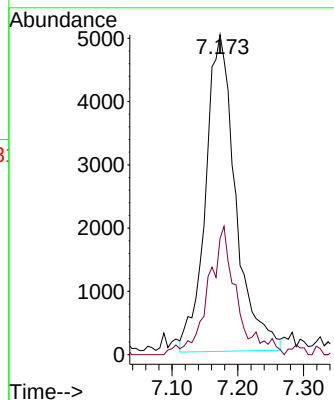
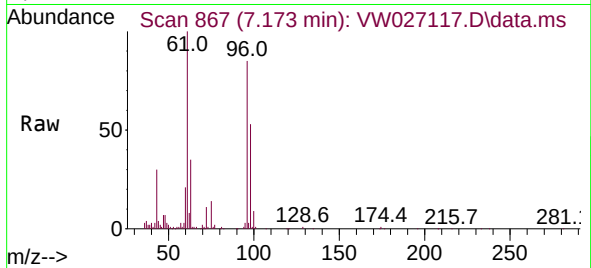




#22
2-Butanone
Concen: 8.748 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

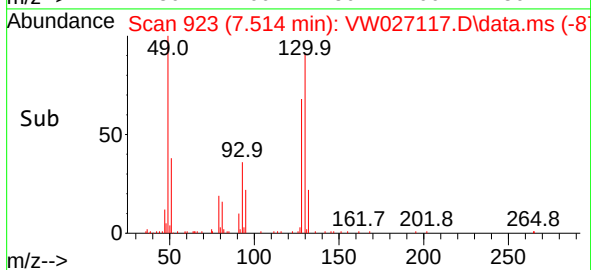
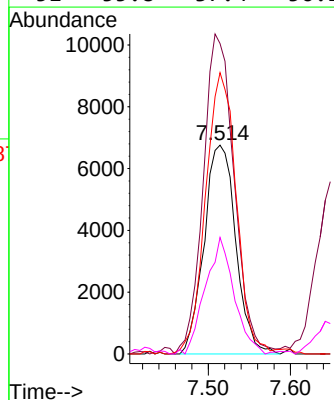
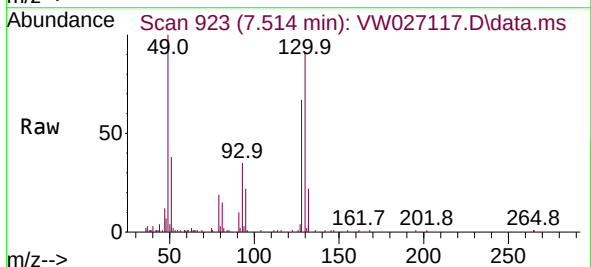
Instrument :
MSVOA_W
ClientSampleId :

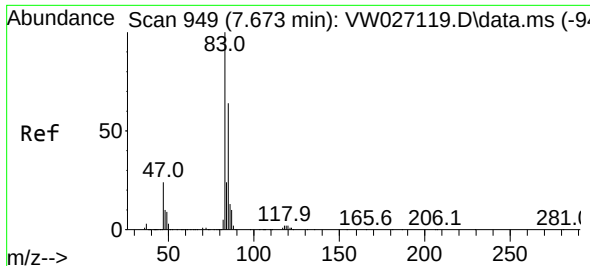
Tgt Ion: 43 Resp: 15946
Ion Ratio Lower Upper
43 100
72 20.4 16.8 50.4



#23
Bromochloromethane
Concen: 4.832 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 128 Resp: 18086
Ion Ratio Lower Upper
128 100
49 148.6 97.6 181.2
130 134.7 92.8 172.4
51 55.8 37.4 56.2

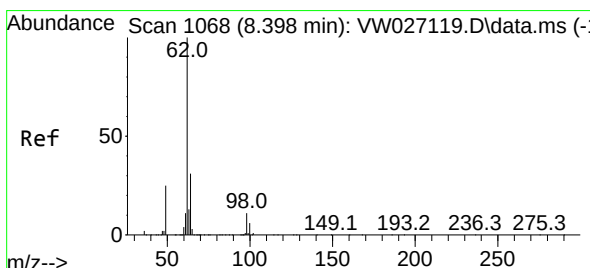
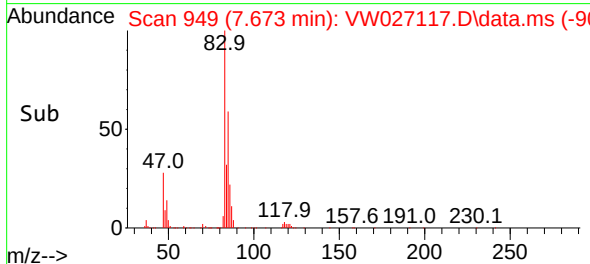
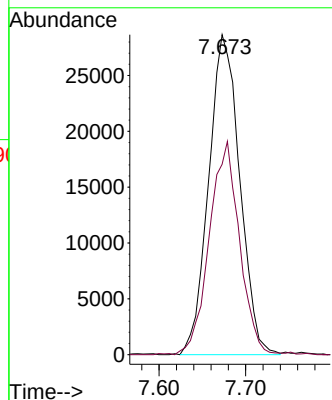
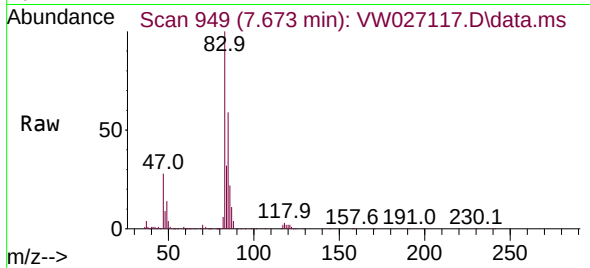




#25
Chloroform
Concen: 5.131 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

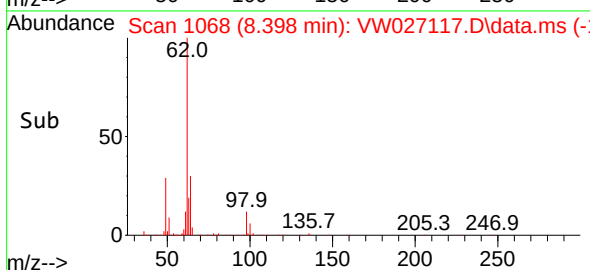
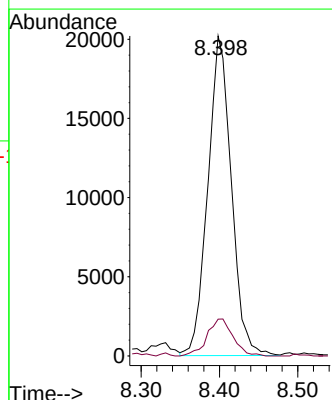
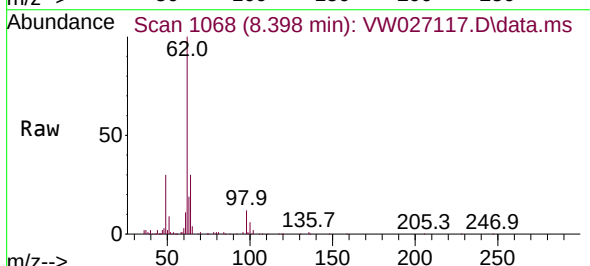
Instrument :
MSVOA_W
ClientSampleId :

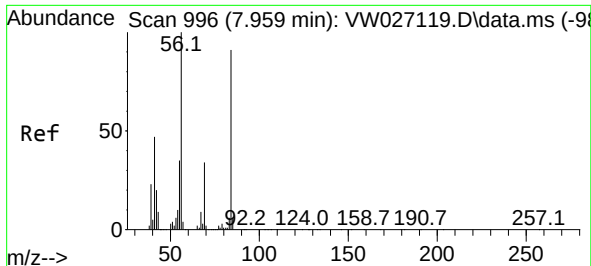
Tgt Ion: 83 Resp: 71431
Ion Ratio Lower Upper
83 100
85 59.5 44.9 83.5



#27
1,2-Dichloroethane
Concen: 4.989 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 62 Resp: 42091
Ion Ratio Lower Upper
62 100
98 11.5 8.4 12.6





#29

Cyclohexane

Concen: 4.379 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

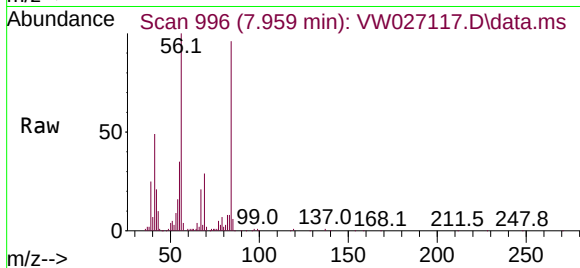
Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

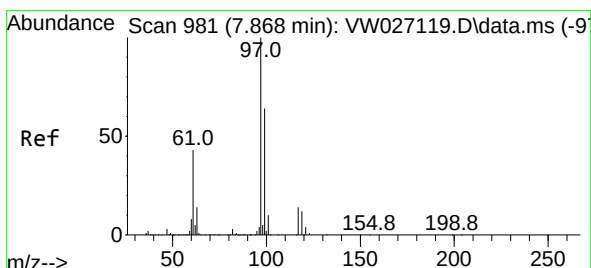
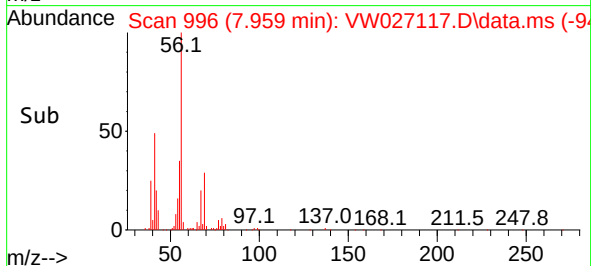
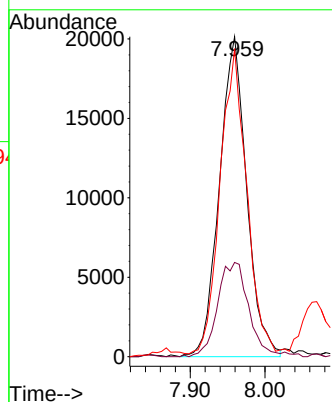
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	51106
Ion Ratio	Lower	Upper	
56	100		
69	33.2	26.5	39.7
84	94.5	74.4	111.6



#30

1,1,1-Trichloroethane

Concen: 4.952 ug/L

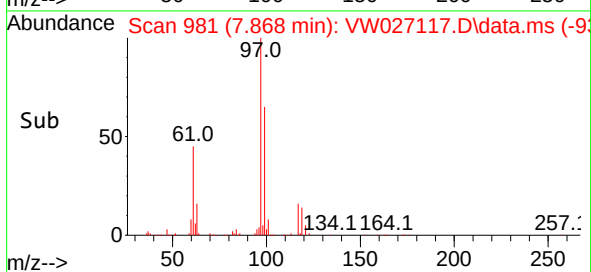
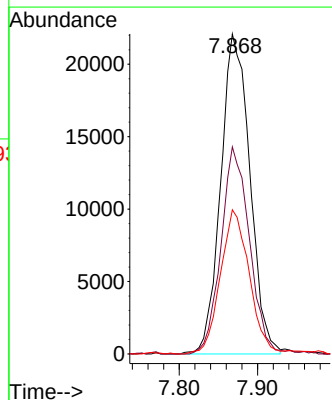
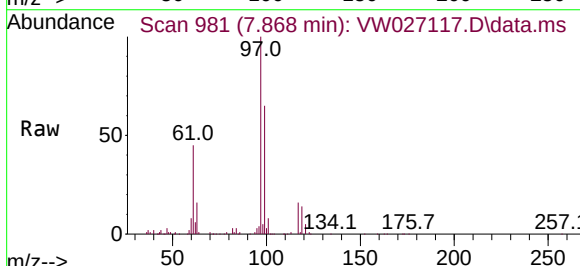
RT: 7.868 min Scan# 981

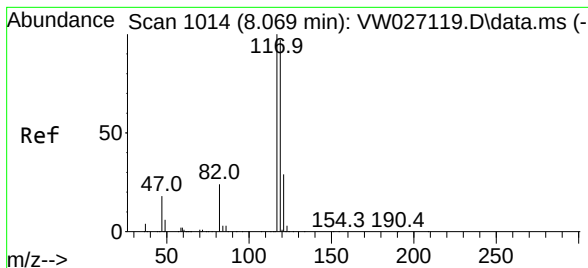
Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Tgt Ion:	97	Resp:	57065
Ion Ratio	Lower	Upper	
97	100		
99	63.0	50.6	75.8
61	44.5	34.1	51.1

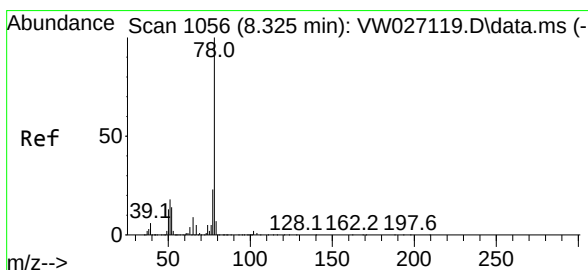
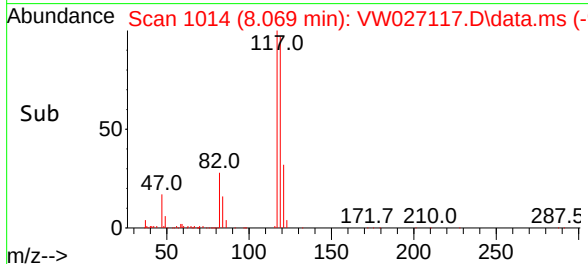
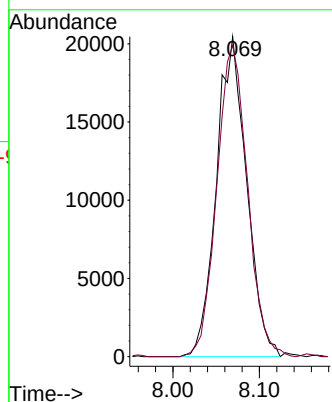
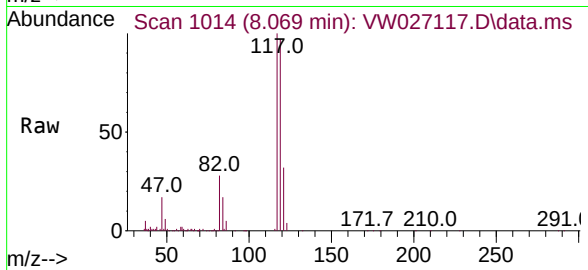




#31
Carbon tetrachloride
Concen: 4.855 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

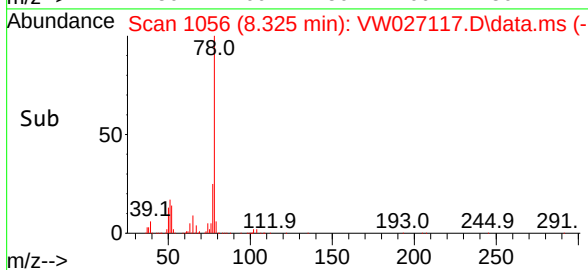
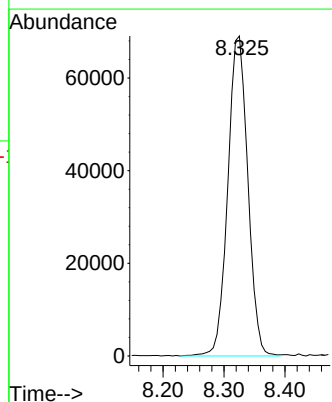
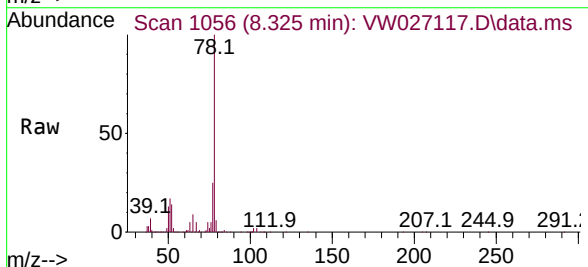
Instrument :
MSVOA_W
ClientSampleId :

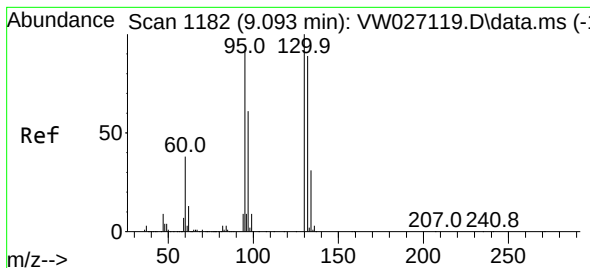
Tgt Ion:117 Resp: 49579
Ion Ratio Lower Upper
117 100
119 99.0 77.4 116.0



#33
Benzene
Concen: 4.897 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 78 Resp: 157730





#34

Trichloroethene

Concen: 4.878 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

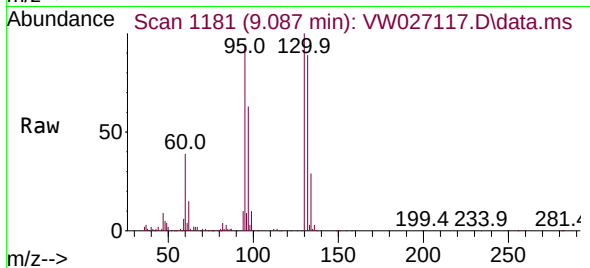
Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 41520

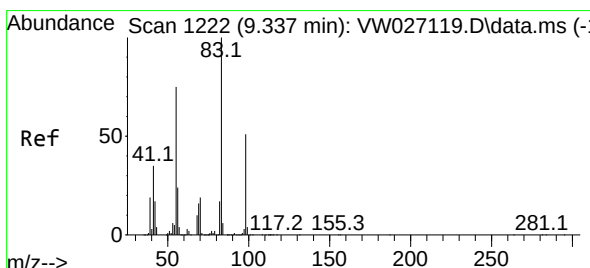
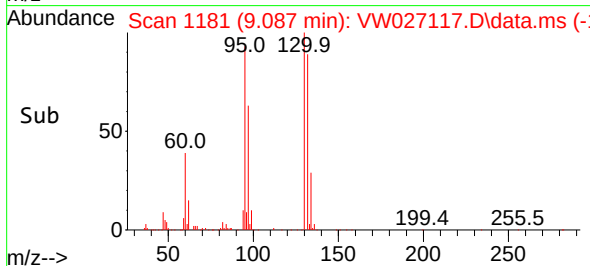
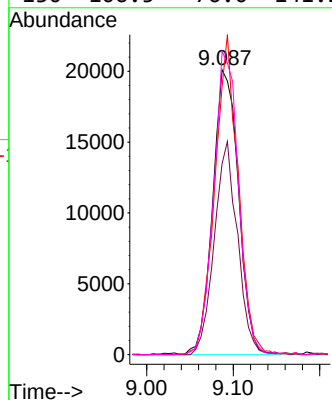
Ion Ratio Lower Upper

95 100

97 67.1 46.1 85.7

132 94.3 67.9 126.1

130 106.5 76.0 141.2



#35

Methylcyclohexane

Concen: 4.435 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

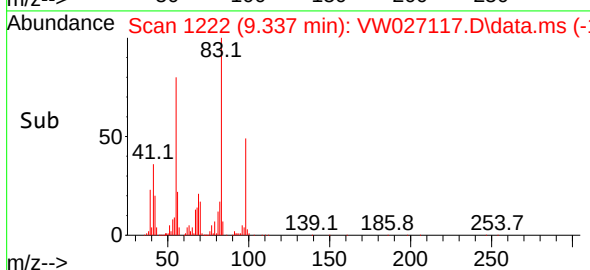
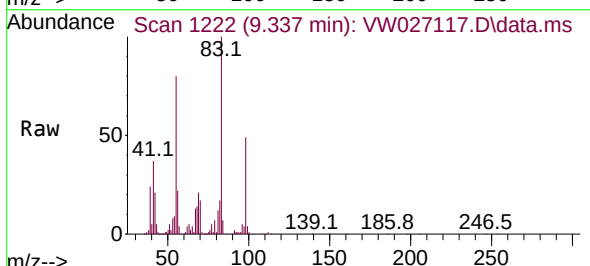
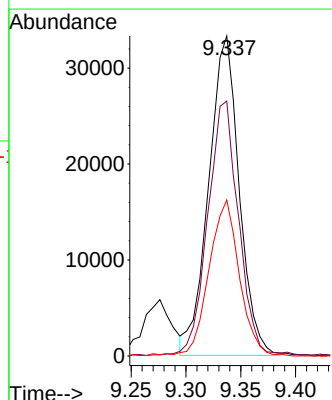
Tgt Ion: 83 Resp: 64384

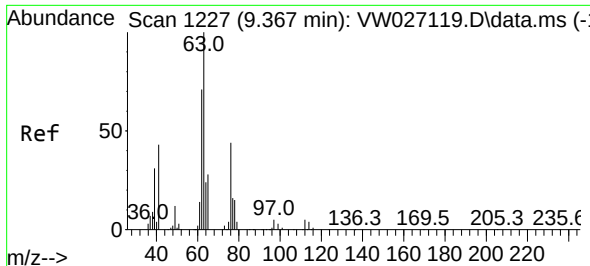
Ion Ratio Lower Upper

83 100

55 80.2 58.0 87.0

98 48.5 38.5 57.7





#37

1,2-Dichloropropane

Concen: 4.917 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

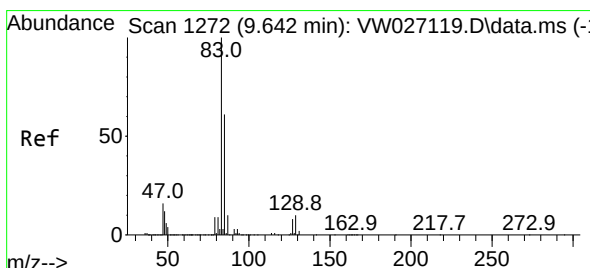
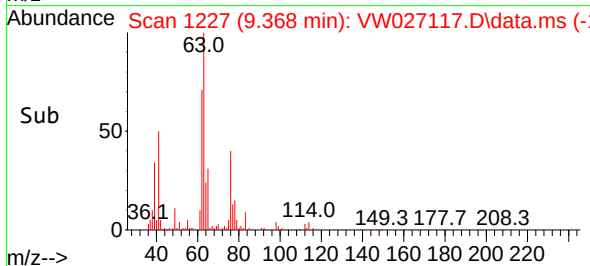
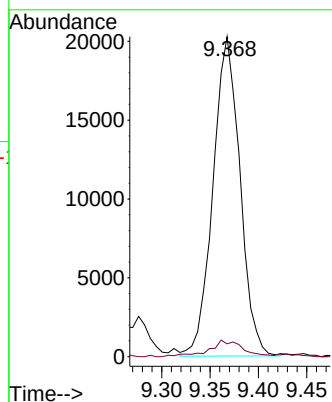
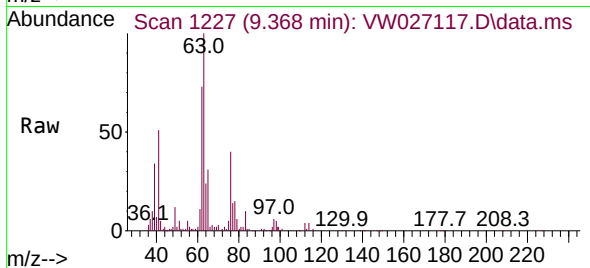
ClientSampleId :

Tgt Ion: 63 Resp: 39326

Ion Ratio Lower Upper

63 100

112 2.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 4.835 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

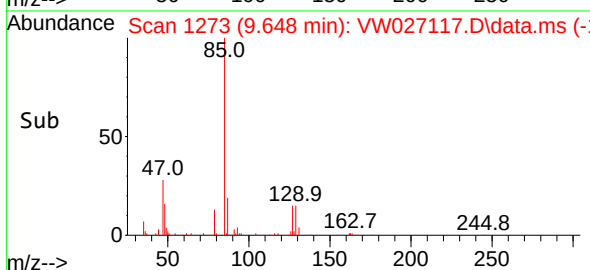
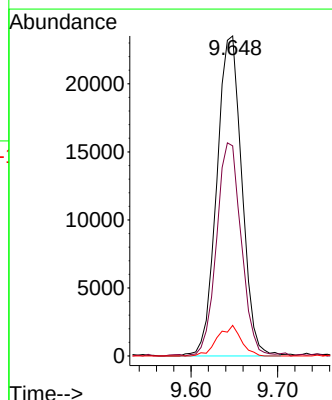
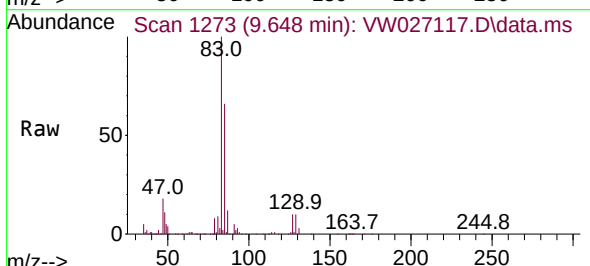
Tgt Ion: 83 Resp: 47290

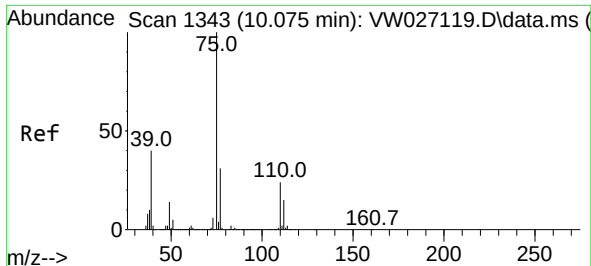
Ion Ratio Lower Upper

83 100

85 65.7 42.8 79.4

127 9.5 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.438 ug/L

RT: 10.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

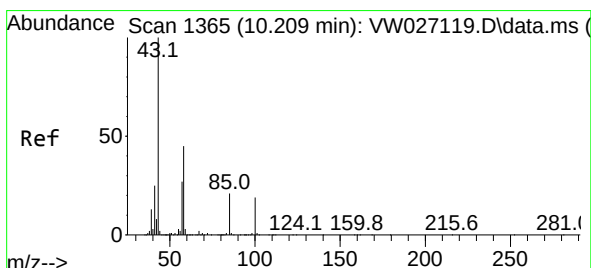
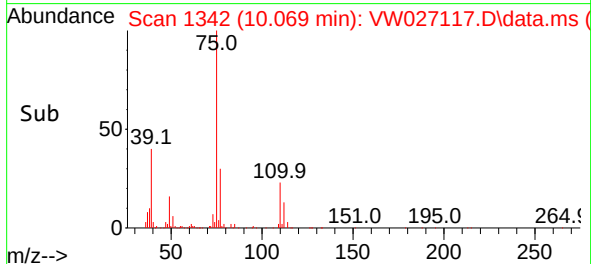
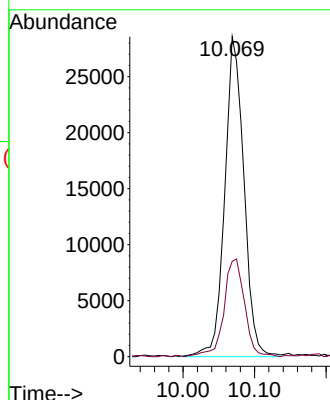
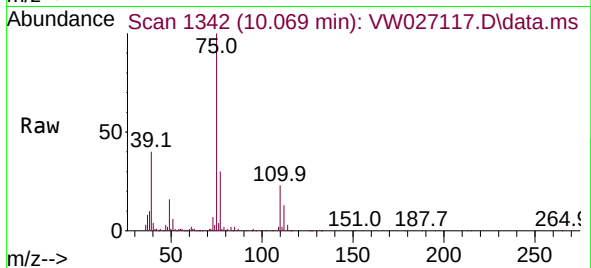
ClientSampleId :

Tgt Ion: 75 Resp: 53172

Ion Ratio Lower Upper

75 100

77 29.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 8.435 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

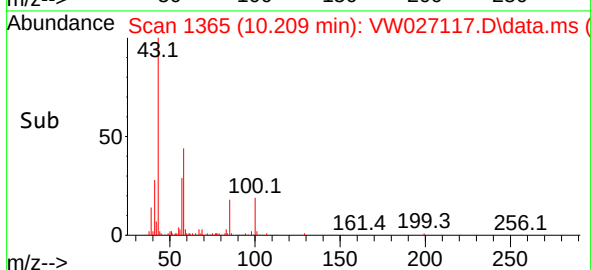
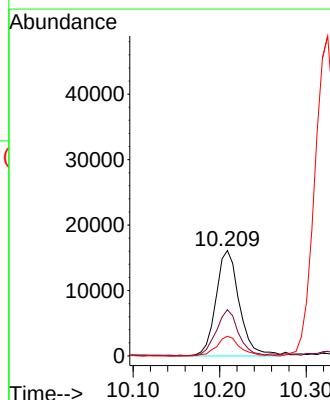
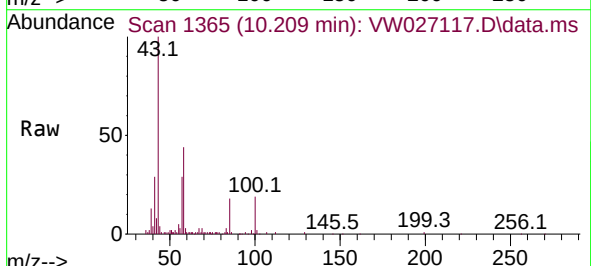
Tgt Ion: 43 Resp: 30258

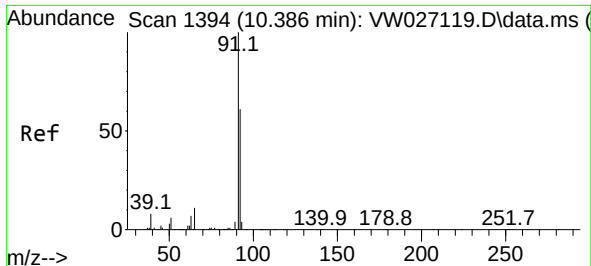
Ion Ratio Lower Upper

43 100

58 41.7 35.4 53.2

100 18.3 15.2 22.8

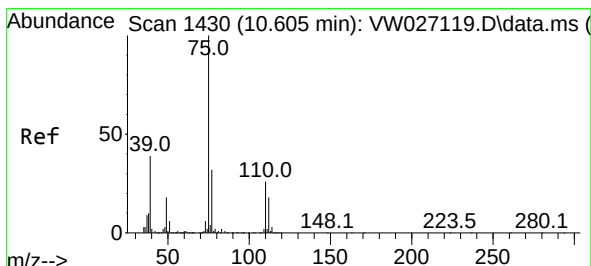
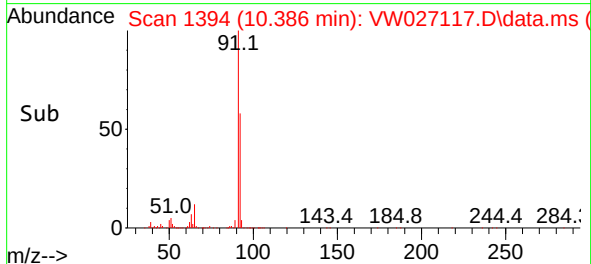
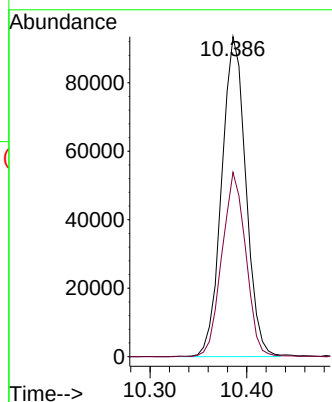
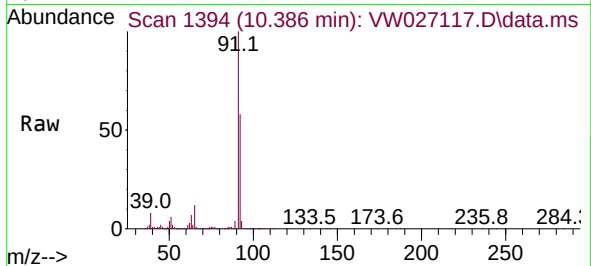




#42
Toluene
Concen: 4.762 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

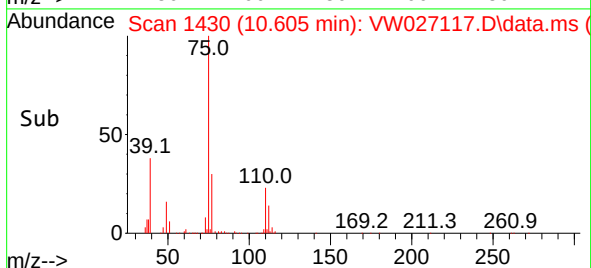
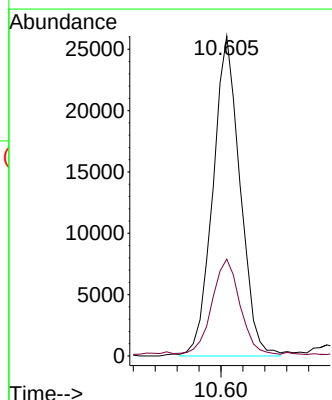
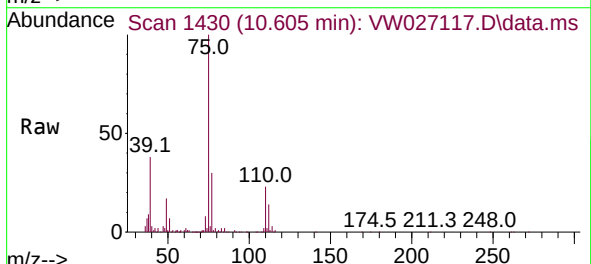
Instrument :
MSVOA_W
ClientSampleId :

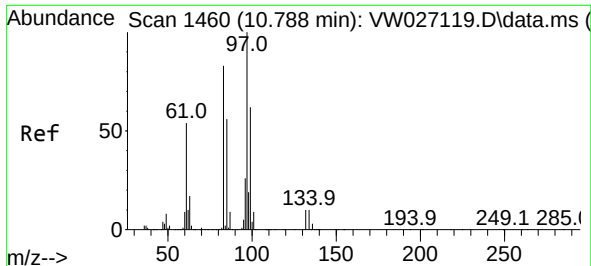
Tgt Ion: 91 Resp: 162061
Ion Ratio Lower Upper
91 100
92 57.6 42.7 79.3



#44
trans-1,3-Dichloropropene
Concen: 4.463 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

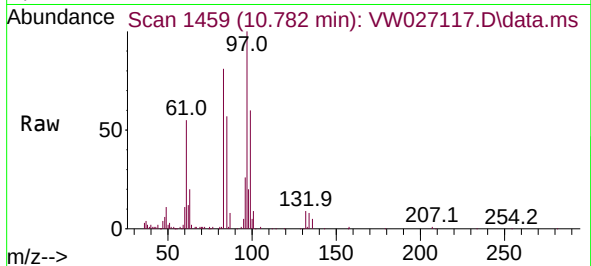
Tgt Ion: 75 Resp: 44876
Ion Ratio Lower Upper
75 100
77 30.2 22.6 42.0



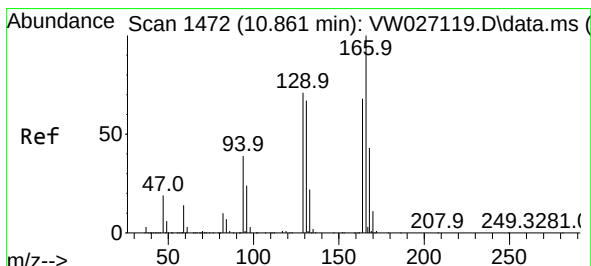
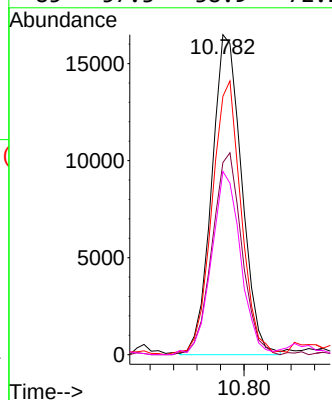
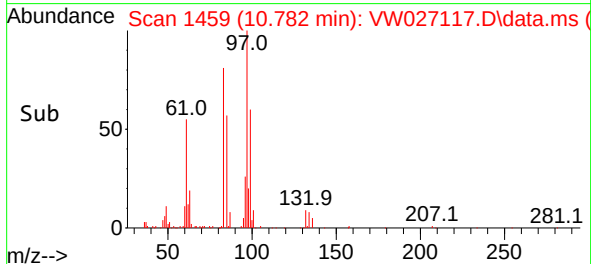


#45
1,1,2-Trichloroethane
Concen: 4.740 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

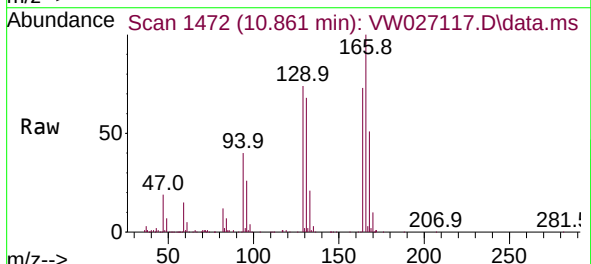
Instrument :
MSVOA_W
ClientSampleId :



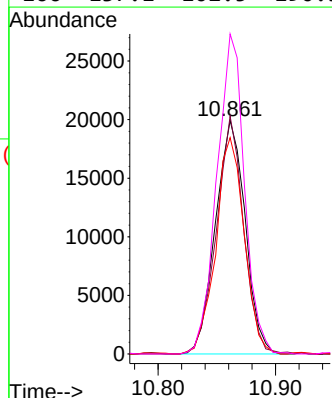
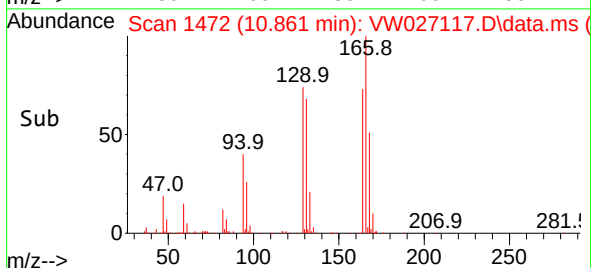
Tgt Ion:	97	Resp:	29170
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.3	80.5
83	80.7	58.0	107.8
85	57.3	38.9	72.2

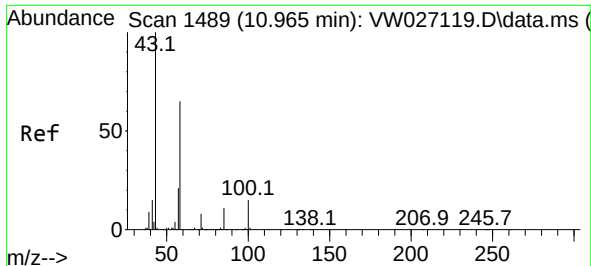


#46
Tetrachloroethene
Concen: 4.876 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54



Tgt Ion:	164	Resp:	34983
Ion	Ratio	Lower	Upper
164	100		
129	101.8	72.9	135.3
131	92.7	68.7	127.7
166	137.1	102.5	190.3

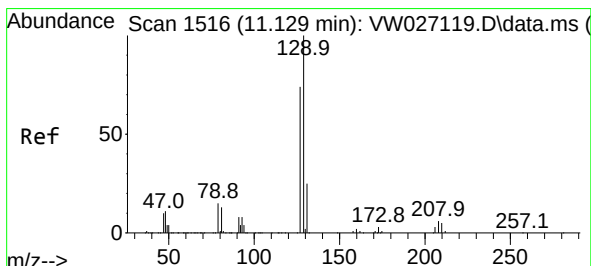
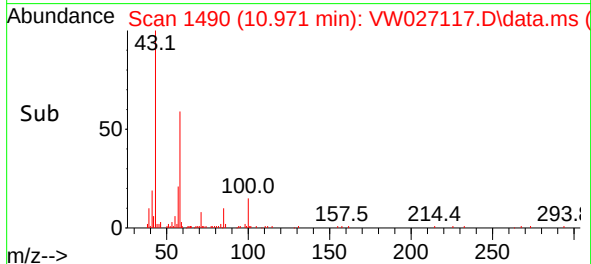
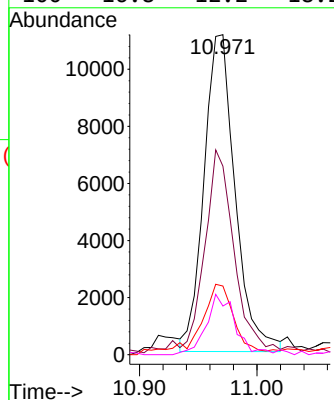
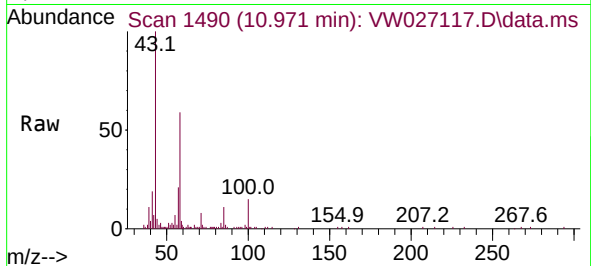




#48
2-Hexanone
Concen: 8.111 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

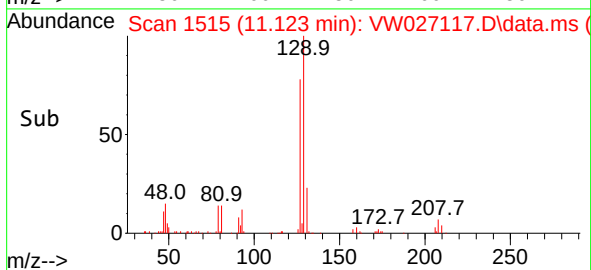
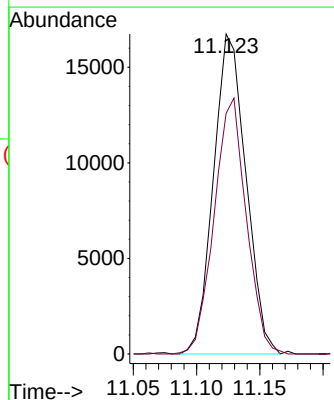
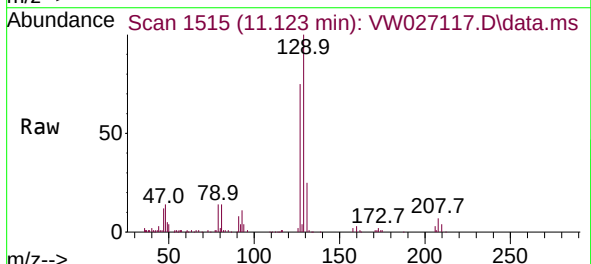
Instrument :
MSVOA_W
ClientSampleId :

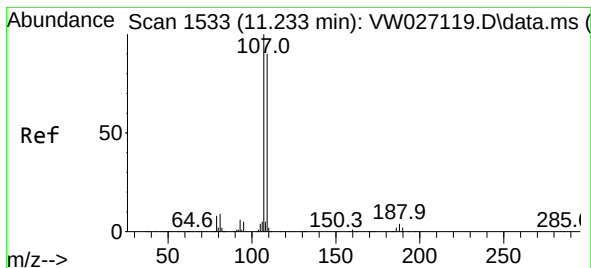
Tgt Ion: 43	Resp: 20486
Ion Ratio	Lower Upper
43 100	
58 61.4	51.4 77.0
57 20.4	17.2 25.8
100 16.8	12.2 18.2



#49
Dibromochloromethane
Concen: 4.645 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 129	Resp: 29914
Ion Ratio	Lower Upper
129 100	
127 75.2	51.9 96.5

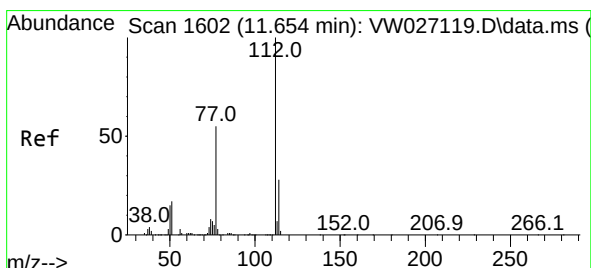
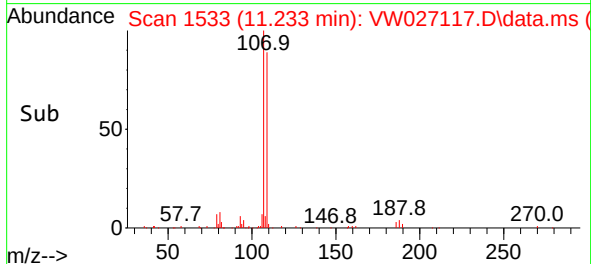
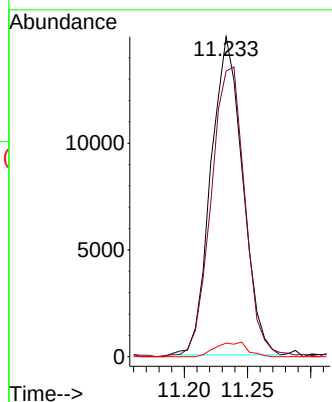
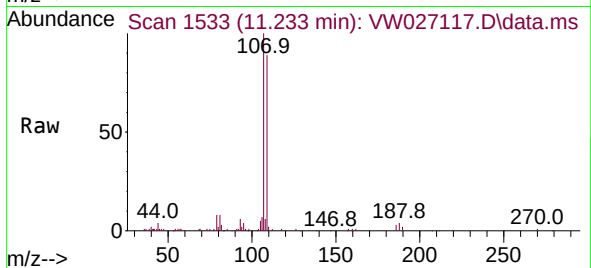




#50
1,2-Dibromoethane
Concen: 4.603 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

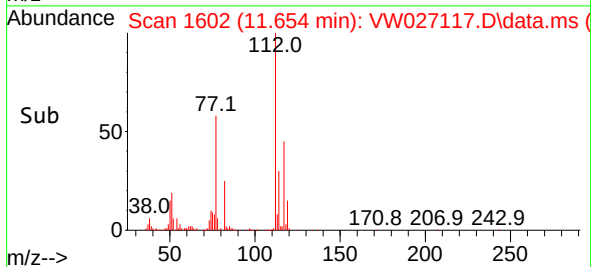
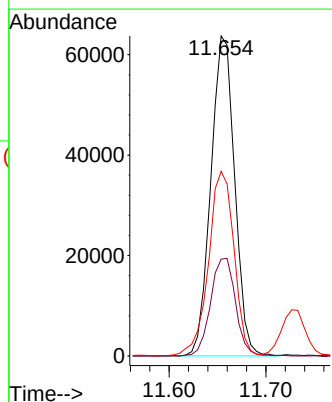
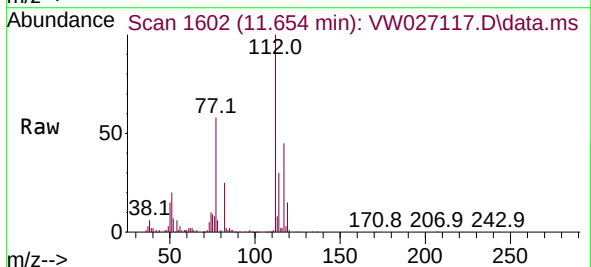
Instrument :
MSVOA_W
ClientSampleId :

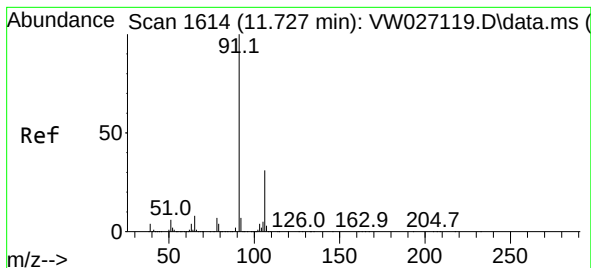
Tgt Ion:107 Resp: 25999
Ion Ratio Lower Upper
107 100
109 89.3 63.3 117.5
188 4.3 3.1 4.7



#51
Chlorobenzene
Concen: 4.857 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion:112 Resp: 109081
Ion Ratio Lower Upper
112 100
114 30.2 19.7 36.7
77 57.7 44.5 66.7

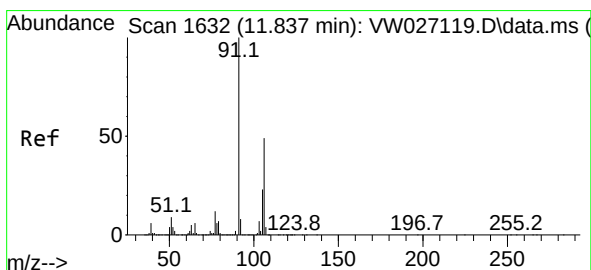
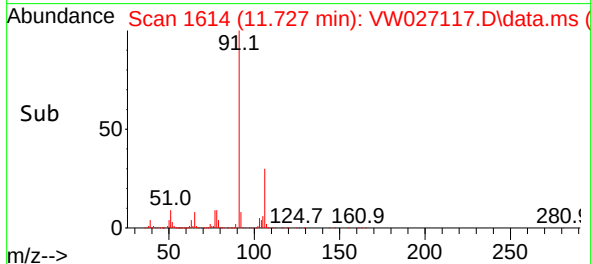
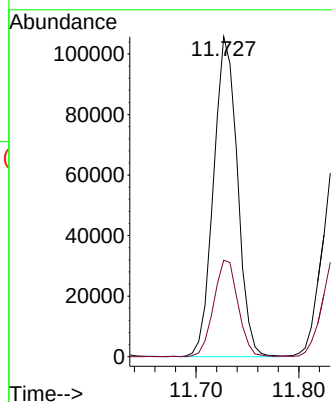
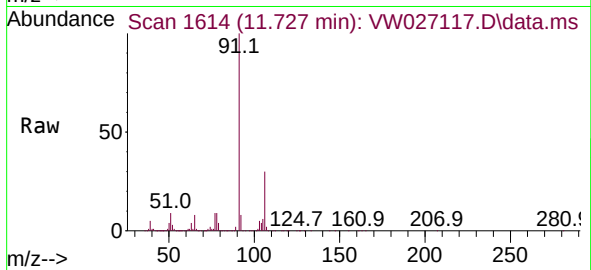




#52
Ethylbenzene
Concen: 4.573 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

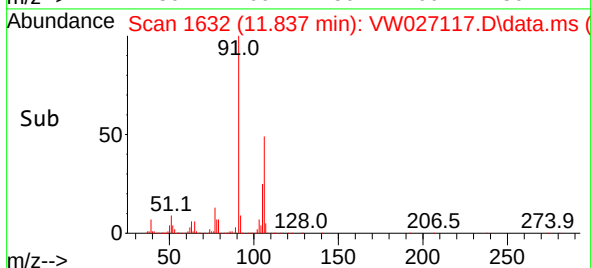
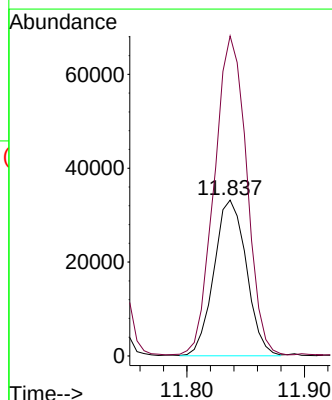
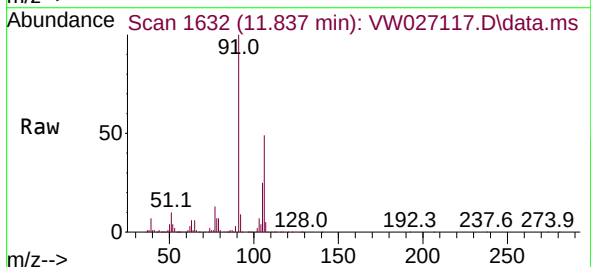
Instrument :
MSVOA_W
ClientSampleId :

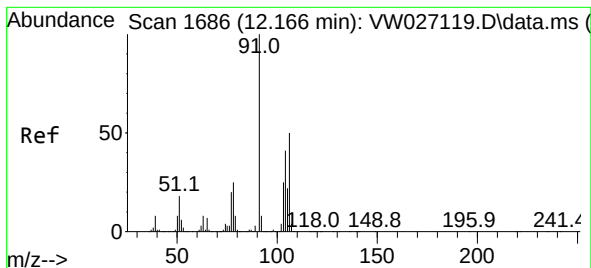
Tgt Ion: 91 Resp: 170679
Ion Ratio Lower Upper
91 100
106 30.1 21.8 40.4



#53
m,p-Xylene
Concen: 4.451 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion:106 Resp: 63708
Ion Ratio Lower Upper
106 100
91 205.3 142.7 265.1





#54

o-Xylene

Concen: 4.410 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

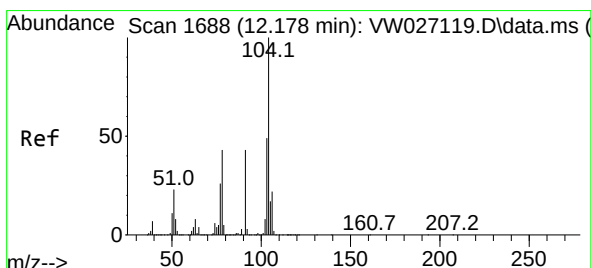
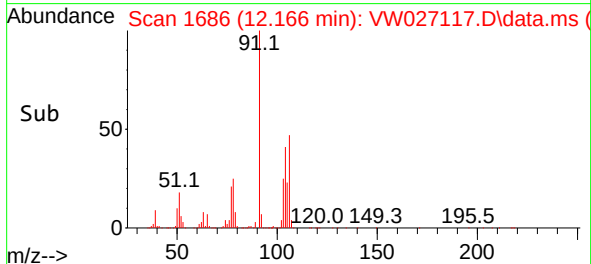
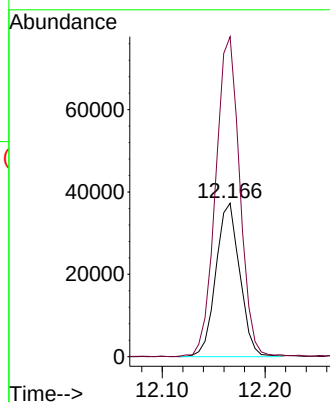
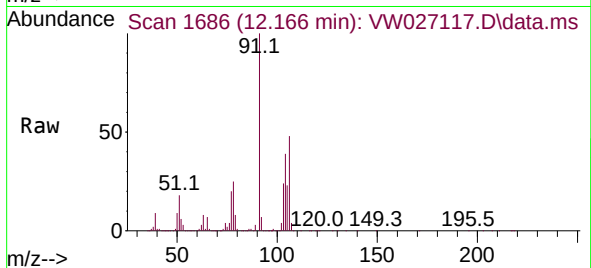
ClientSampleId :

Tgt Ion:106 Resp: 60143

Ion Ratio Lower Upper

106 100

91 208.6 140.6 261.0



#55

Styrene

Concen: 4.465 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027117.D

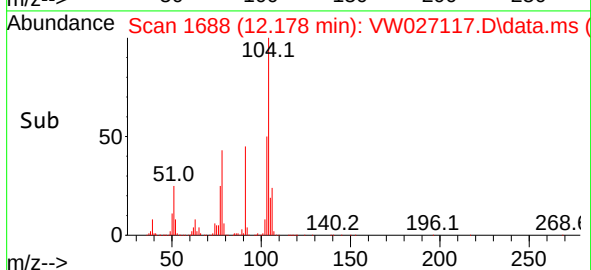
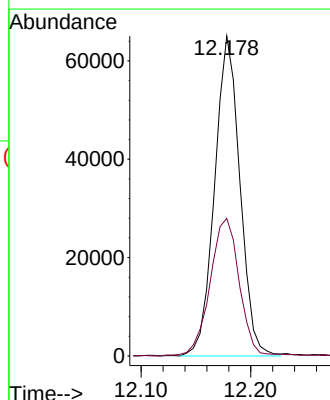
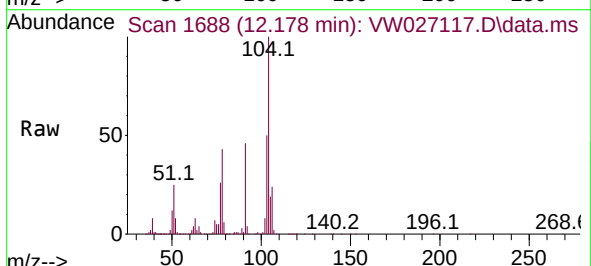
Acq: 18 Sep 2023 09:54

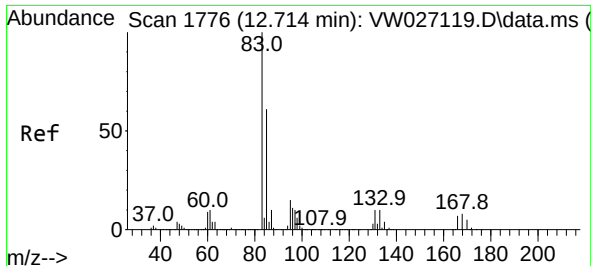
Tgt Ion:104 Resp: 104325

Ion Ratio Lower Upper

104 100

78 43.0 30.2 56.0

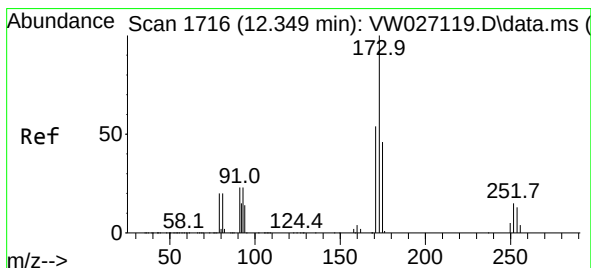
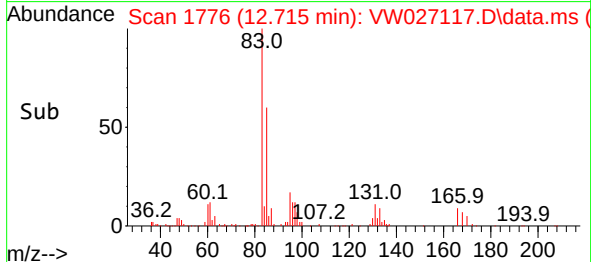
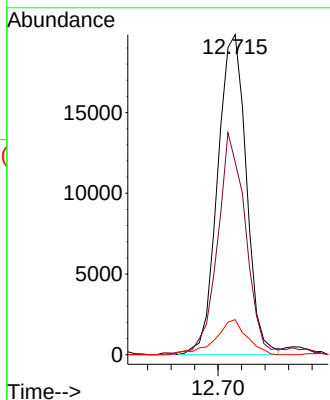
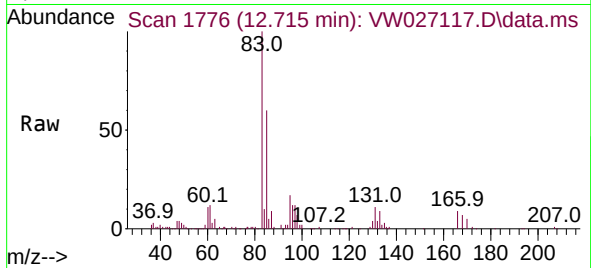




#57
1,1,2,2-Tetrachloroethane
Concen: 4.660 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

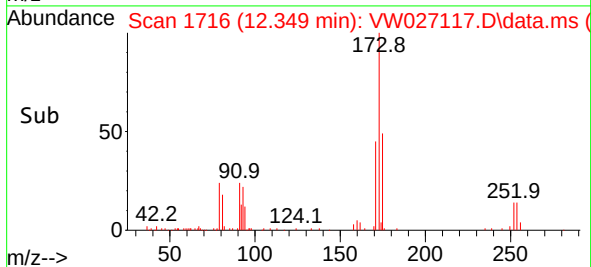
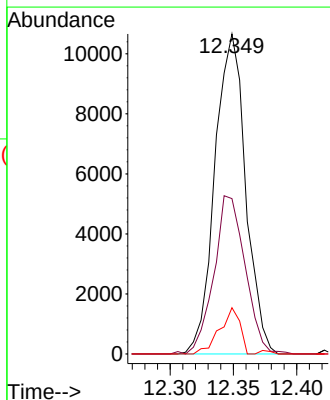
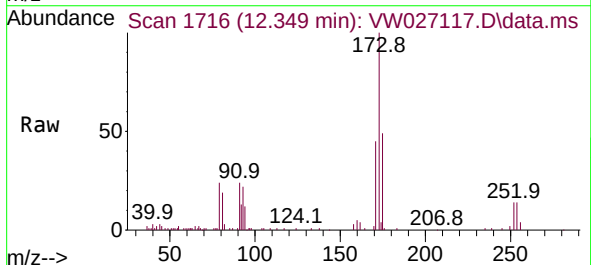
Instrument :
MSVOA_W
ClientSampleId :

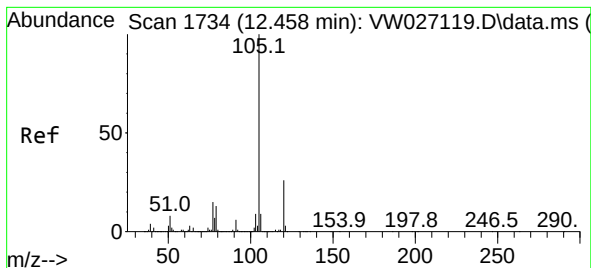
Tgt Ion: 83 Resp: 33601
Ion Ratio Lower Upper
83 100
85 60.2 42.5 78.9
131 11.0 7.8 11.8



#59
Bromoform
Concen: 4.826 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion: 173 Resp: 18024
Ion Ratio Lower Upper
173 100
175 50.0 36.6 55.0
254 9.5 10.0 15.0#





#60

Isopropylbenzene

Concen: 4.689 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

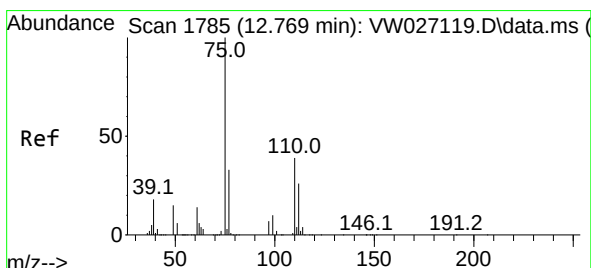
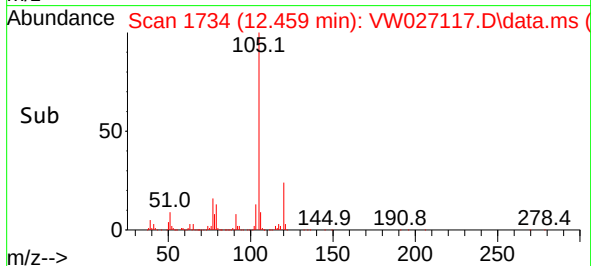
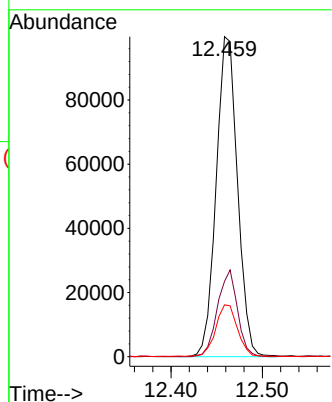
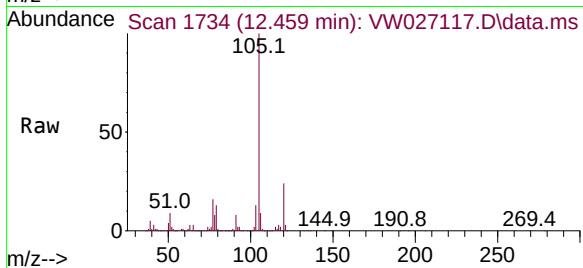
Tgt Ion:105 Resp: 161973

Ion Ratio Lower Upper

105 100

120 25.4 21.0 31.4

77 16.3 12.0 18.0



#61

1,2,3-Trichloropropane

Concen: 4.900 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

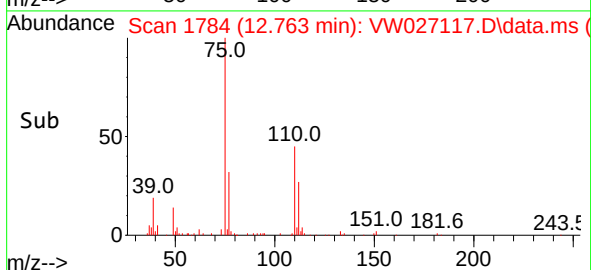
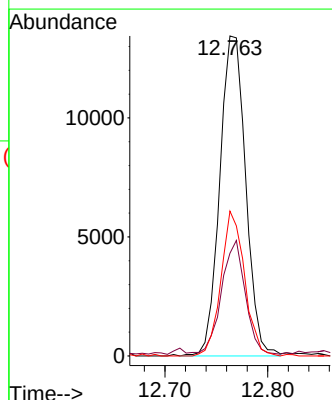
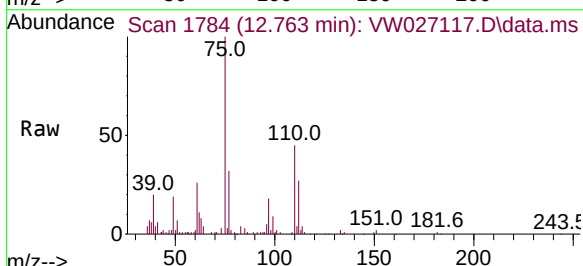
Tgt Ion: 75 Resp: 23559

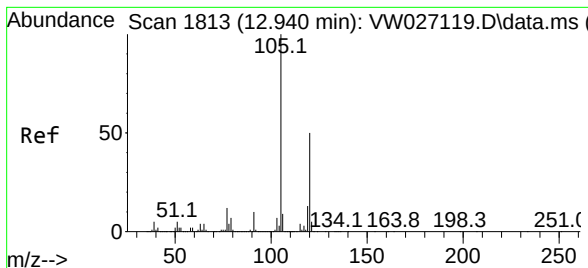
Ion Ratio Lower Upper

75 100

77 34.2 26.0 39.0

110 41.1 31.6 47.4

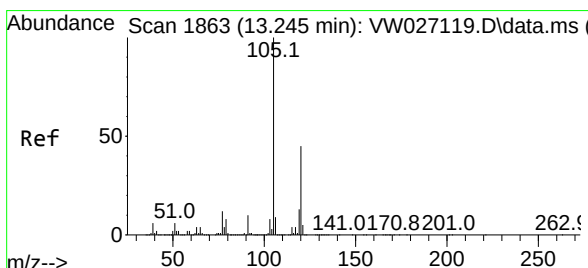
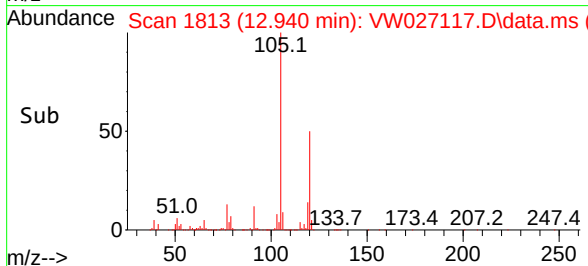
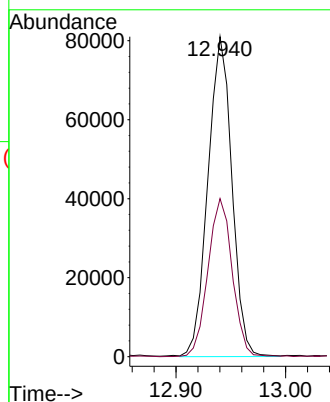
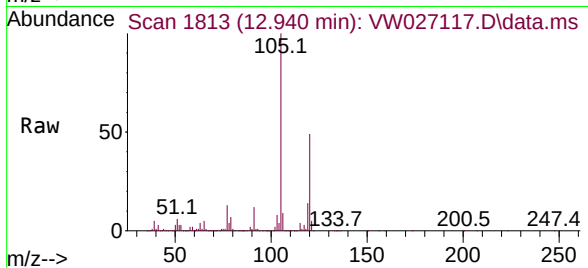




#62
 1,3,5-Trimethylbenzene
 Concen: 4.459 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW027117.D
 Acq: 18 Sep 2023 09:54

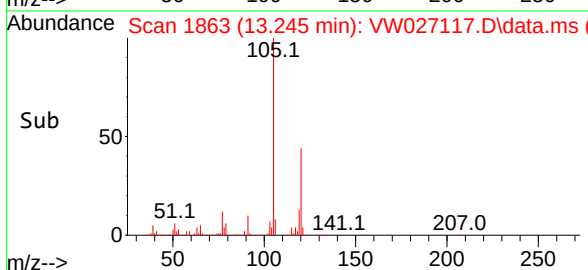
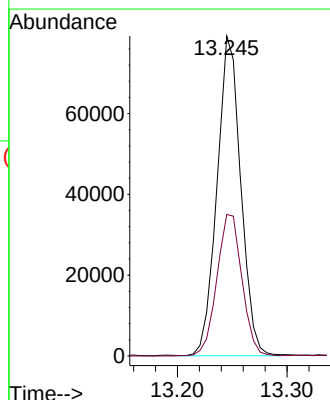
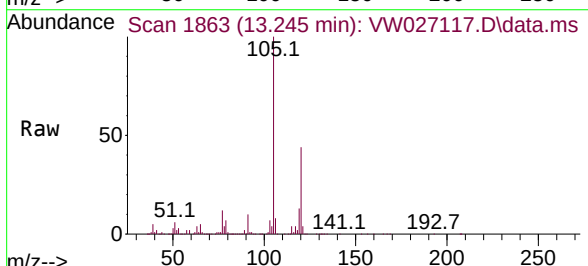
Instrument :
 MSVOA_W
 ClientSampleId :

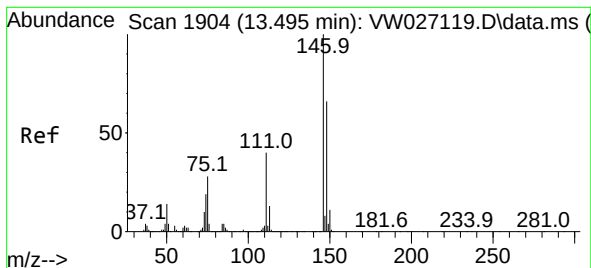
Tgt Ion:105 Resp: 123271
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.5 60.7



#63
 1,2,4-Trimethylbenzene
 Concen: 4.455 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW027117.D
 Acq: 18 Sep 2023 09:54

Tgt Ion:105 Resp: 119329
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.102 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

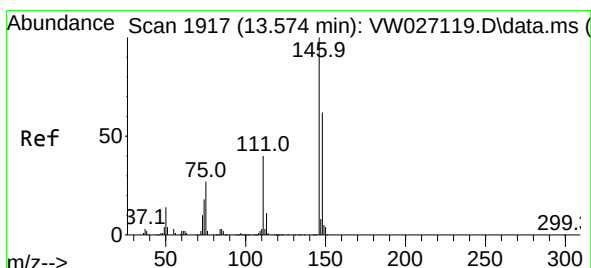
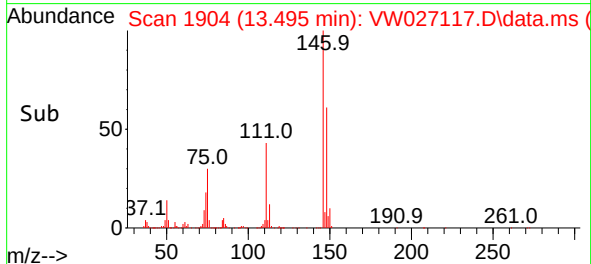
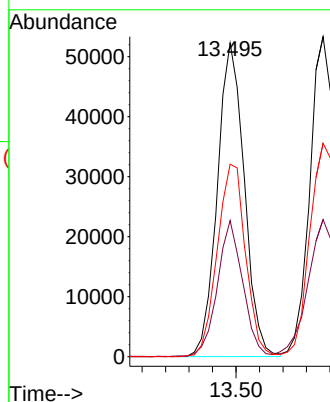
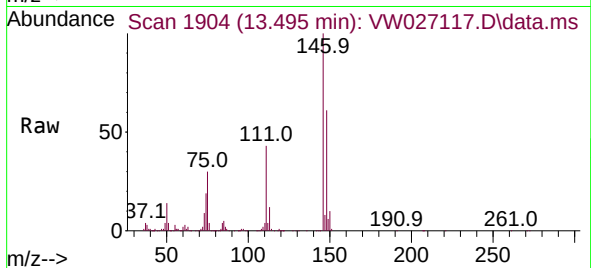
Tgt Ion:146 Resp: 83330

Ion Ratio Lower Upper

146 100

111 43.4 27.6 51.4

148 61.4 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 5.093 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

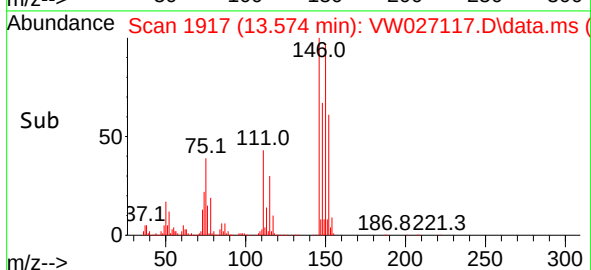
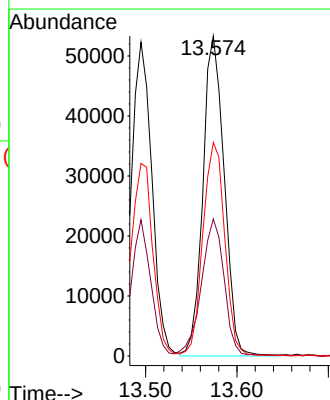
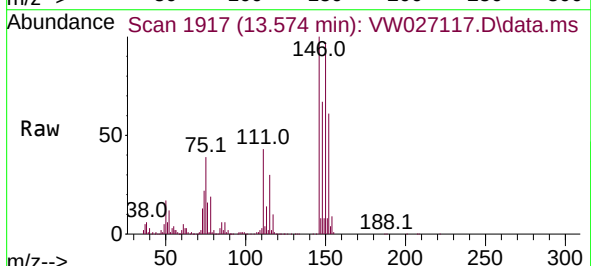
Tgt Ion:146 Resp: 86458

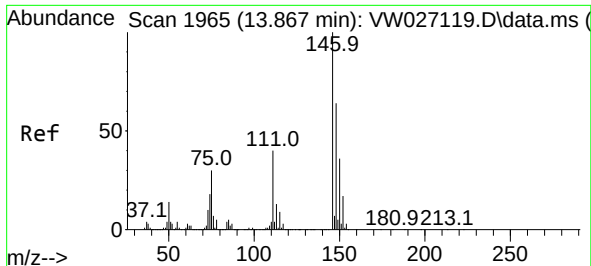
Ion Ratio Lower Upper

146 100

111 42.8 28.1 52.1

148 66.7 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 5.093 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

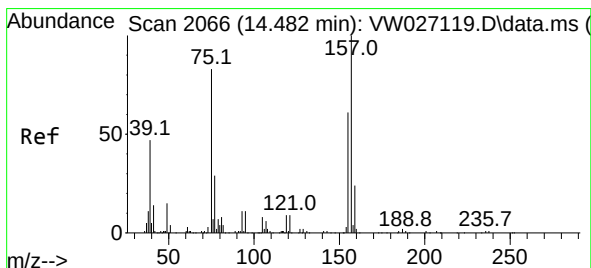
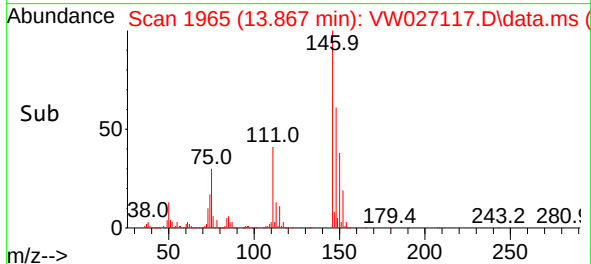
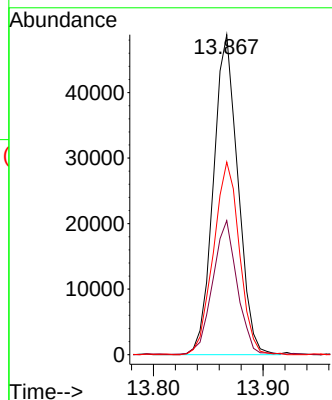
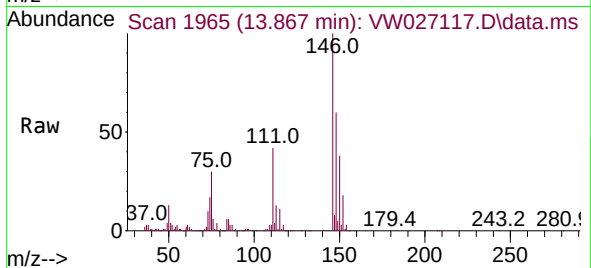
Tgt Ion:146 Resp: 76036

Ion Ratio Lower Upper

146 100

111 41.9 32.2 48.2

148 60.2 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.046 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

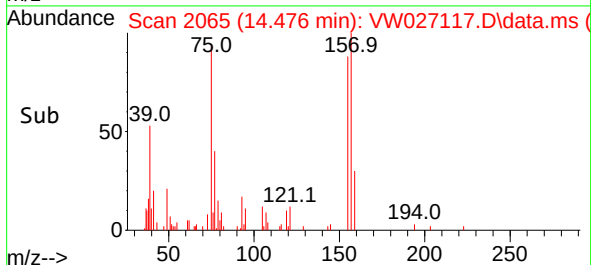
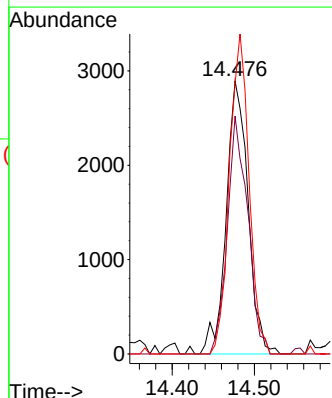
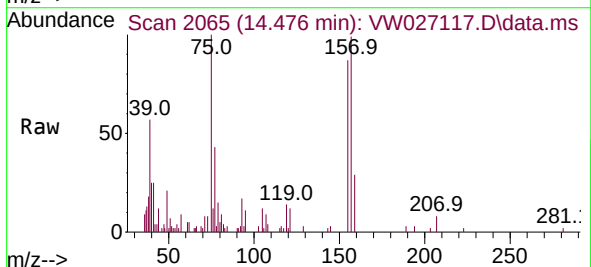
Tgt Ion: 75 Resp: 5373

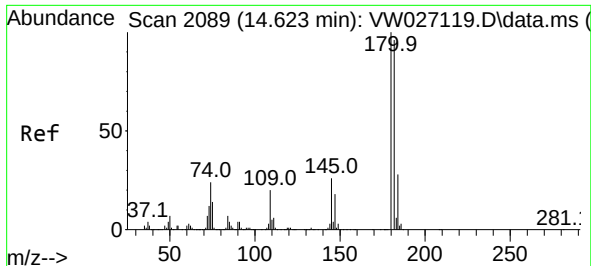
Ion Ratio Lower Upper

75 100

155 87.1 58.7 88.1

157 99.1 95.9 143.9





#69

1,3,5-Trichlorobenzene

Concen: 5.303 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 62348

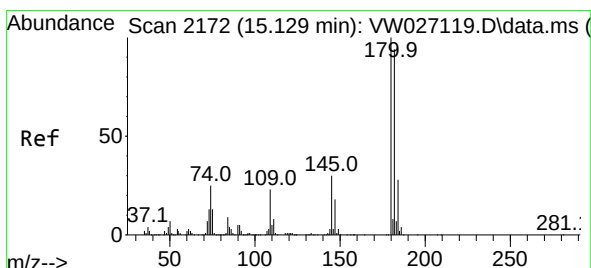
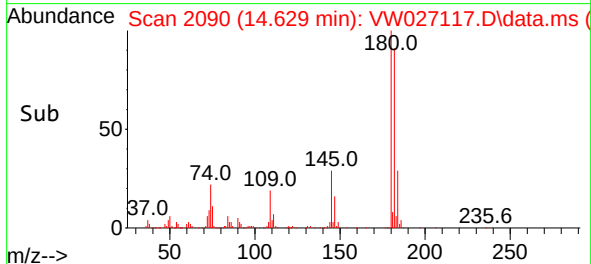
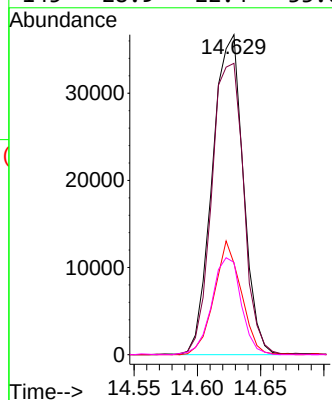
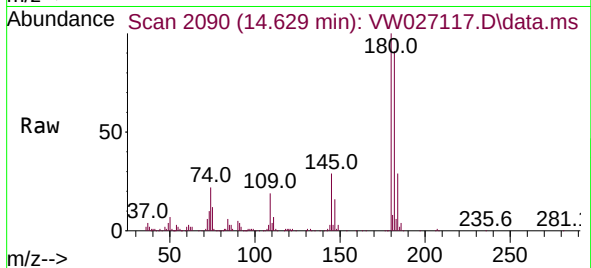
Ion Ratio Lower Upper

180 100

182 94.0 76.6 115.0

184 31.1 23.8 35.8

145 28.9 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 4.994 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027117.D

Acq: 18 Sep 2023 09:54

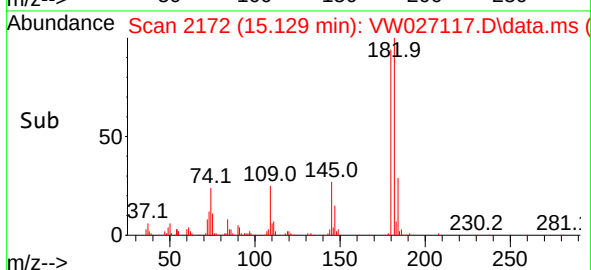
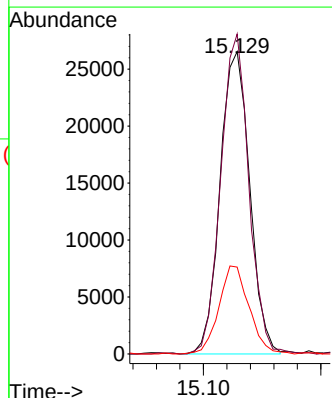
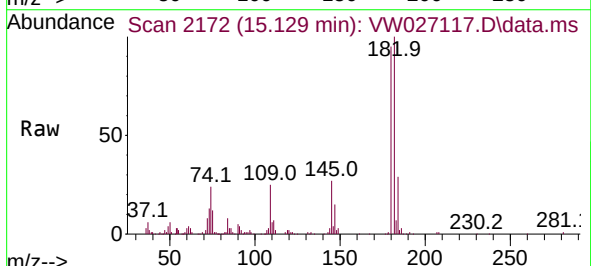
Tgt Ion:180 Resp: 46535

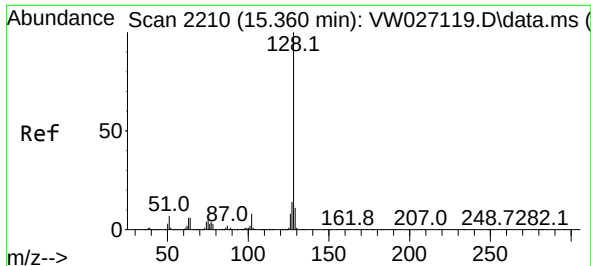
Ion Ratio Lower Upper

180 100

182 99.9 78.2 117.4

145 29.7 24.6 36.8

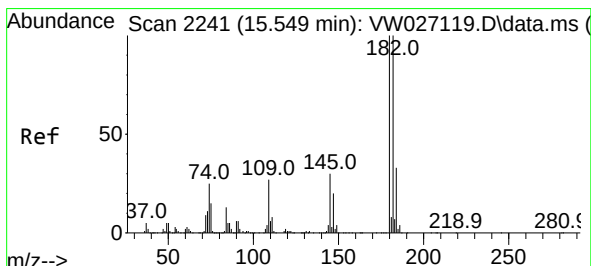
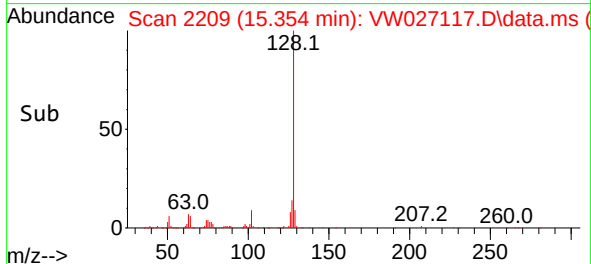
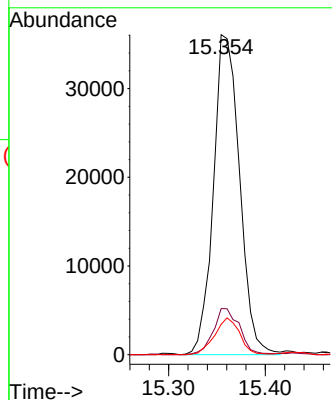
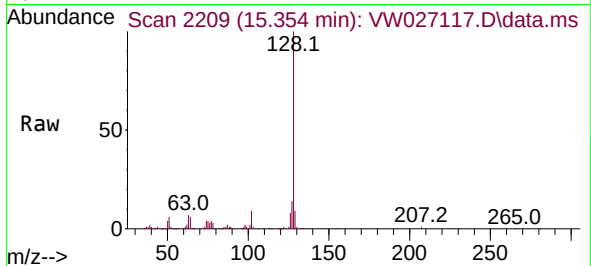




#71
Naphthalene
Concen: 4.380 ug/L
RT: 15.354 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 67894
Ion Ratio Lower Upper
128 100
127 14.7 10.7 16.1
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 5.294 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027117.D
Acq: 18 Sep 2023 09:54

Tgt Ion:180 Resp: 44531
Ion Ratio Lower Upper
180 100
182 93.1 79.0 118.6
145 30.7 25.4 38.2

