

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020224\
 Data File : VW027918.D
 Acq On : 02 Feb 2024 09:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 02 22:56:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 21:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	292930	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	265950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140027	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	84717	23.695	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.800%
7) Chloroethane-d5	2.899	69	69249	22.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.360%
11) 1,1-Dichloroethene-d2	4.021	65	37436	23.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	7.087	46	34271	57.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.940%
24) Chloroform-d	7.648	84	194428	27.449	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	8.307	65	90636	28.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.960%
32) Benzene-d6	8.276	84	398677	26.412	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.640%
36) 1,2-Dichloropropane-d6	9.270	67	110188	26.387	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.560%
41) Toluene-d8	10.319	98	383812	27.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	10.575	79	46277	28.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.040%
47) 2-Hexanone-d5	10.922	63	32009	58.396	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87787	29.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	137823	27.999	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	49244	16.206	ug/L	89
3) Chloromethane	2.223	50	66435	17.593	ug/L	97
5) Vinyl chloride	2.375	62	89708	23.538	ug/L	100
6) Bromomethane	2.789	94	58393	19.678	ug/L	91
8) Chloroethane	2.936	64	49841	19.850	ug/L	100
9) Trichlorofluoromethane	3.265	101	73191	16.736	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	82169	23.086	ug/L	99
12) 1,1-Dichloroethene	4.039	96	77937	22.368	ug/L	86
13) Acetone	4.143	43	27580	36.501	ug/L	95
14) Carbon disulfide	4.387	76	217944	20.349	ug/L	99
15) Methyl Acetate	4.685	43	21251	20.673	ug/L	92
16) Methylene chloride	4.917	84	80726	19.008	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	83029	22.303	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	97422	21.419	ug/L	99
19) 1,1-Dichloroethane	6.216	63	138474	21.925	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	90785	22.421	ug/L	93
22) 2-Butanone	7.179	43	32566	44.433	ug/L	96
23) Bromochloromethane	7.514	128	40667	23.148	ug/L	95
25) Chloroform	7.679	83	149329	22.871	ug/L	98

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 Response via : Initial Calibration

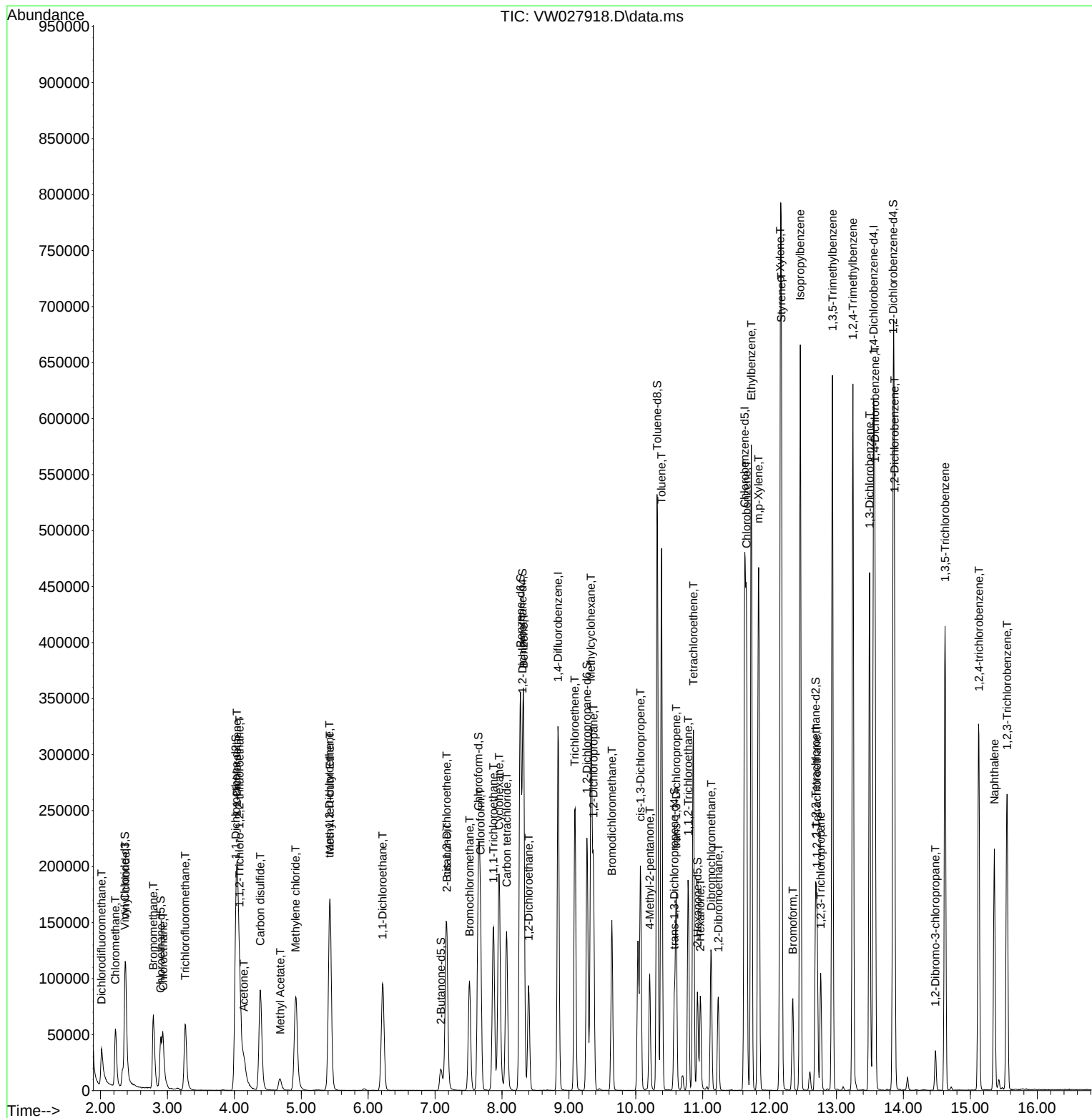
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86583	23.462	ug/L	96
29) Cyclohexane	7.959	56	113297	20.937	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	123648	23.181	ug/L	97
31) Carbon tetrachloride	8.069	117	114340	24.711	ug/L	97
33) Benzene	8.325	78	323451	22.033	ug/L	100
34) Trichloroethene	9.087	95	92944	23.163	ug/L	94
35) Methylcyclohexane	9.331	83	147874	21.896	ug/L	99
37) 1,2-Dichloropropane	9.368	63	77234	21.839	ug/L	99
38) Bromodichloromethane	9.642	83	103641	23.437	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	127396	23.378	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	60864	44.121	ug/L	99
42) Toluene	10.386	91	364238	22.799	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	102839	24.448	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	60228	22.732	ug/L	94
46) Tetrachloroethene	10.861	164	78400	23.963	ug/L	97
48) 2-Hexanone	10.965	43	48805	48.862	ug/L	99
49) Dibromochloromethane	11.129	129	70555	24.371	ug/L	99
50) 1,2-Dibromoethane	11.233	107	58791	24.075	ug/L	93
51) Chlorobenzene	11.654	112	242461	22.983	ug/L	96
52) Ethylbenzene	11.727	91	418958	23.264	ug/L	96
53) m,p-Xylene	11.837	106	161816	23.086	ug/L	98
54) o-Xylene	12.160	106	155567	23.693	ug/L	99
55) Styrene	12.178	104	269508	24.297	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	66238	23.189	ug/L	95
59) Bromoform	12.349	173	39300	22.857	ug/L #	93
60) Isopropylbenzene	12.458	105	435120	22.855	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45586	21.500	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	350263	22.899	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	345453	22.762	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	199531	22.845	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	190784	22.348	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	179198	24.072	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	9114	22.026	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	140977	23.444	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	113992	23.087	ug/L	92
71) Naphthalene	15.360	128	188170	23.200	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	99067	23.858	ug/L	99

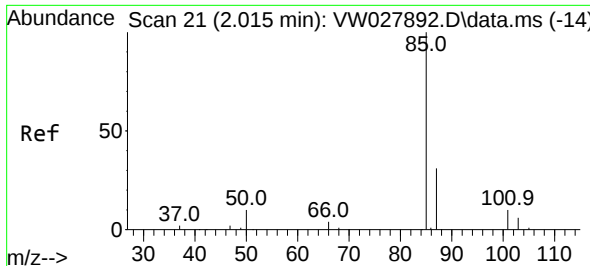
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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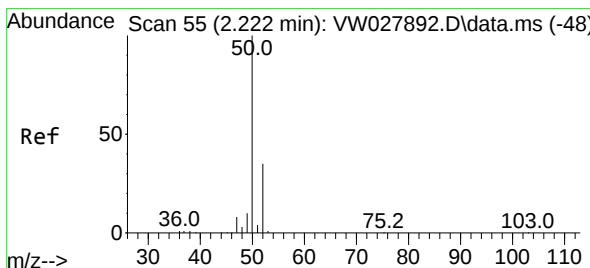
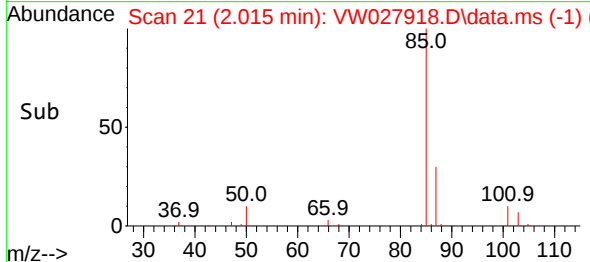
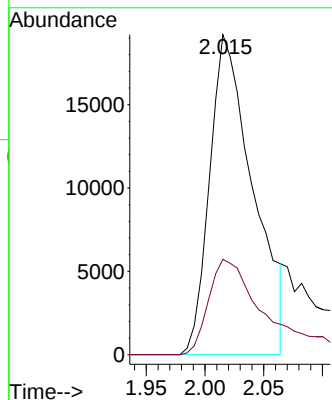
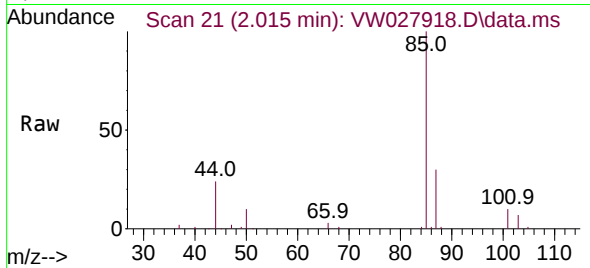




#2
Dichlorodifluoromethane
Concen: 16.206 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

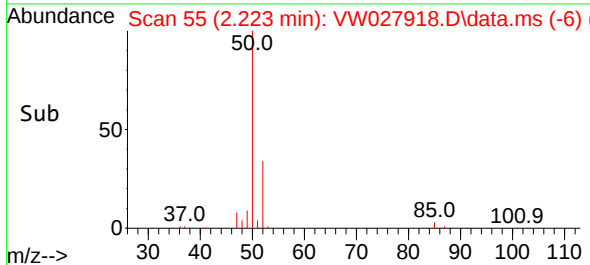
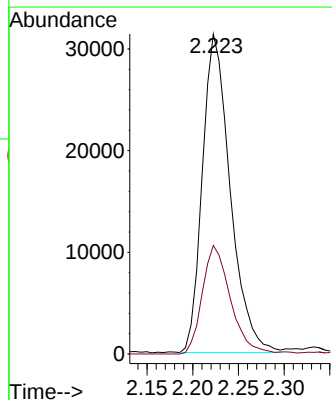
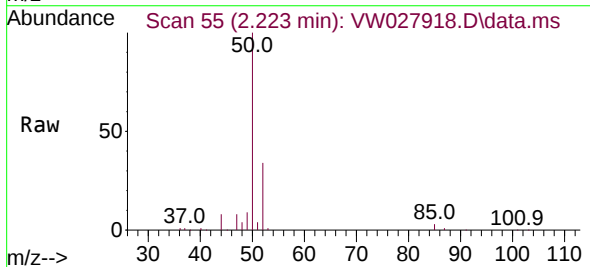
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MSVOA_W
ClientSampleId :

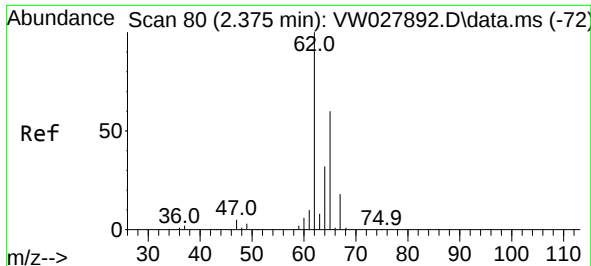
Tgt Ion: 85 Resp: 49244
Ion Ratio Lower Upper
85 100
87 37.0 25.0 37.4



#3
Chloromethane
Concen: 17.593 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion: 50 Resp: 66435
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.7

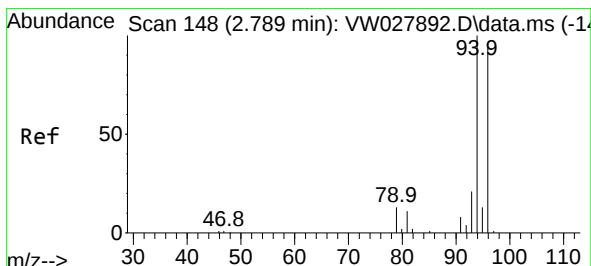
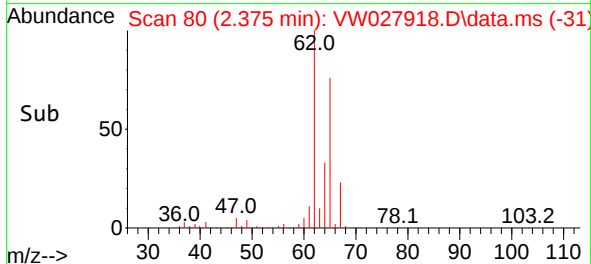
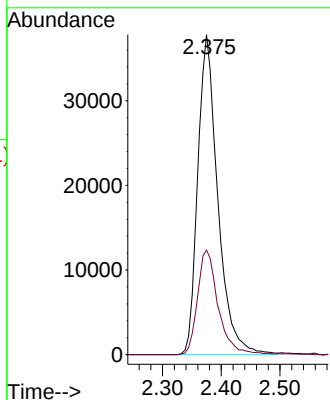
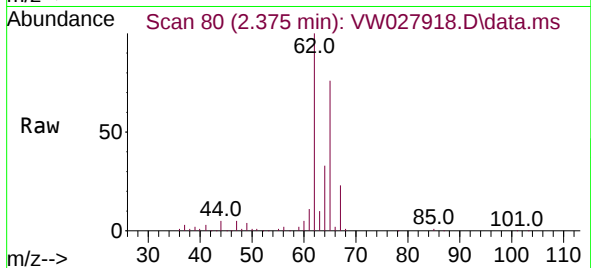




#5
 Vinyl chloride
 Concen: 23.538 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027918.D
 Acq: 02 Feb 2024 09:19

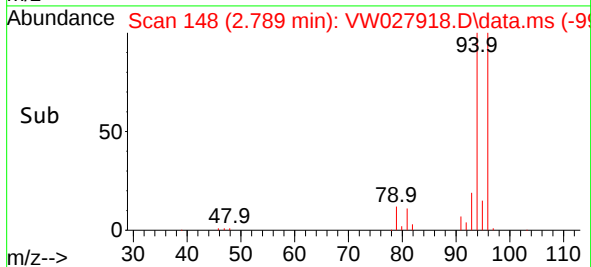
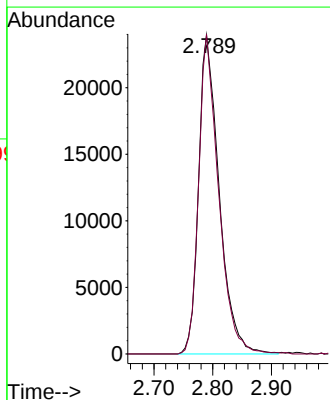
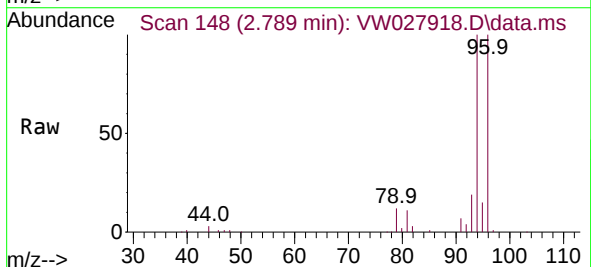
Instrument :
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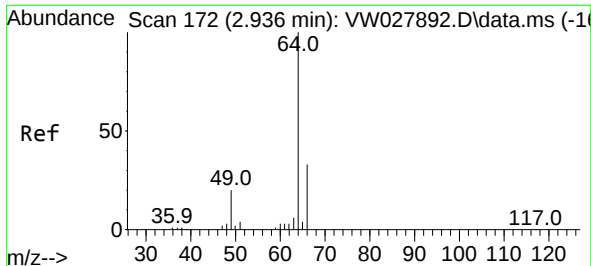
Tgt Ion: 62 Resp: 89708
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 19.678 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027918.D
 Acq: 02 Feb 2024 09:19

Tgt Ion: 94 Resp: 58393
 Ion Ratio Lower Upper
 94 100
 96 100.4 64.3 119.5

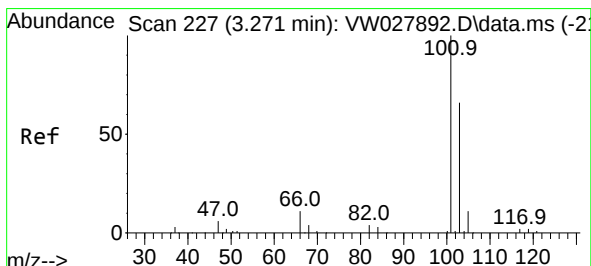
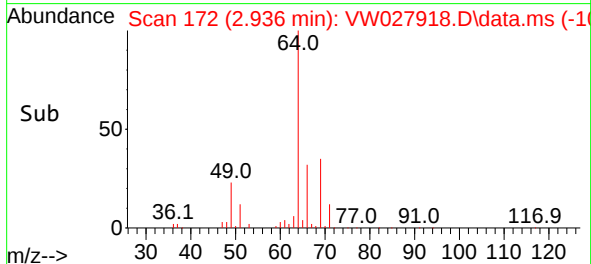
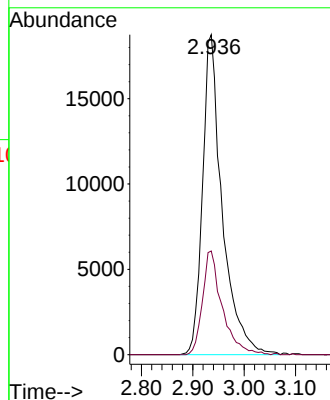
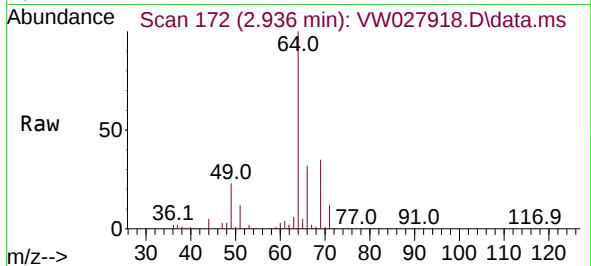




#8
Chloroethane
Concen: 19.850 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

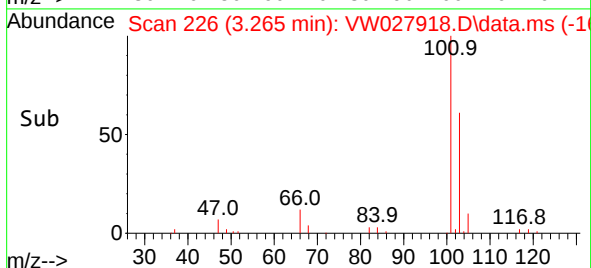
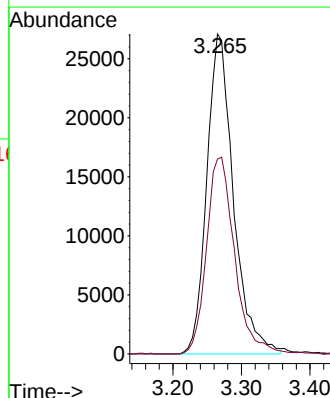
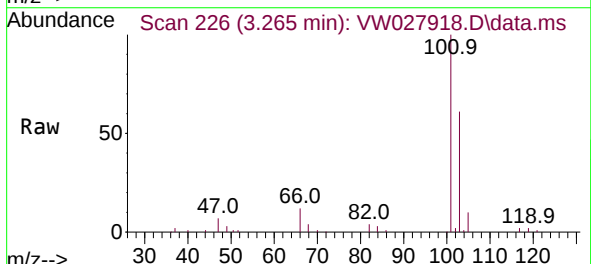
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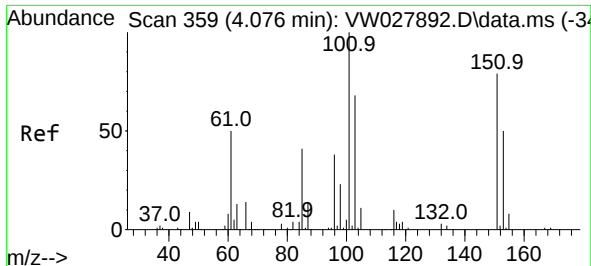
Tgt Ion: 64 Resp: 49841
Ion Ratio Lower Upper
64 100
66 32.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 16.736 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion:101 Resp: 73191
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

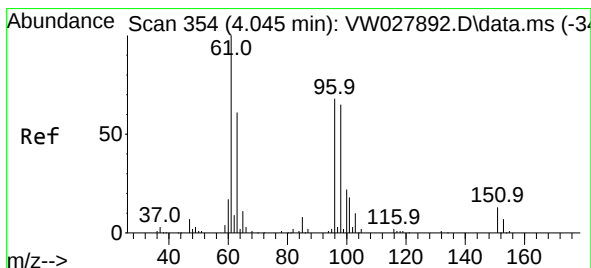
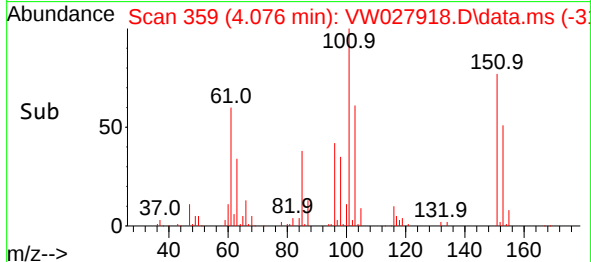
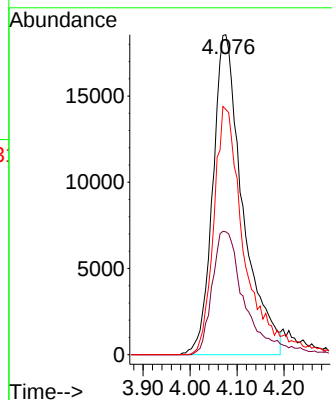
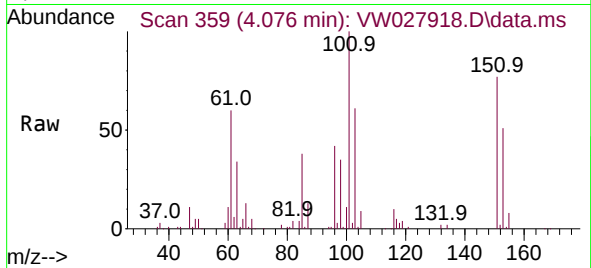




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.086 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027918.D
 Acq: 02 Feb 2024 09:19

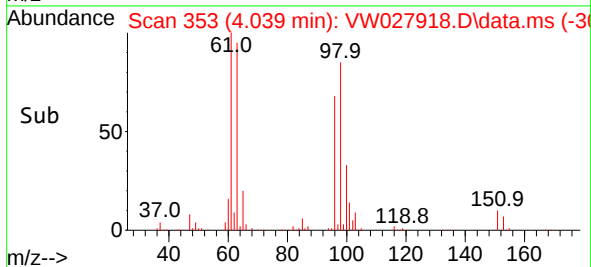
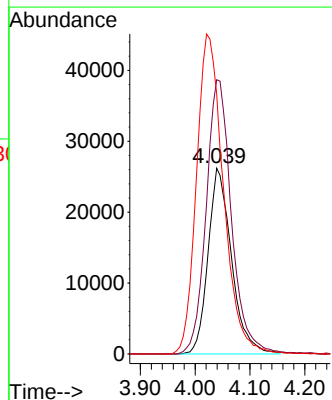
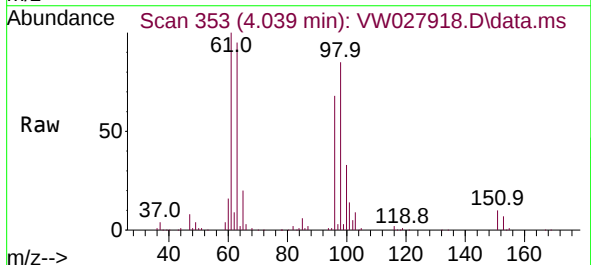
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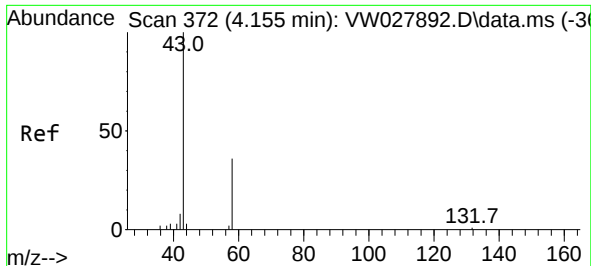
Tgt Ion:	101	Resp:	82169
Ion	Ratio	Lower	Upper
101	100		
85	39.6	32.6	48.8
151	74.8	60.6	91.0



#12
 1,1-Dichloroethene
 Concen: 22.368 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027918.D
 Acq: 02 Feb 2024 09:19

Tgt Ion:	96	Resp:	77937
Ion	Ratio	Lower	Upper
96	100		
61	147.6	105.7	196.3
63	140.0	76.0	141.2

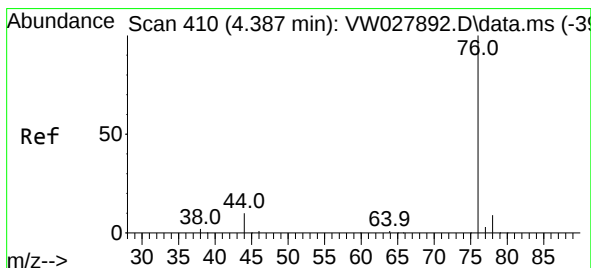
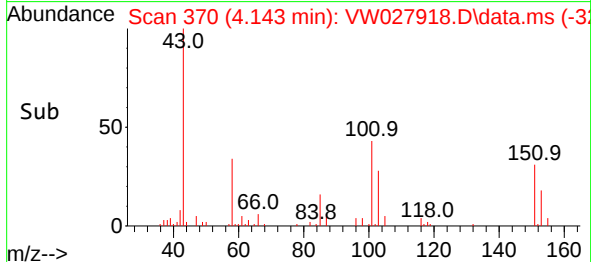
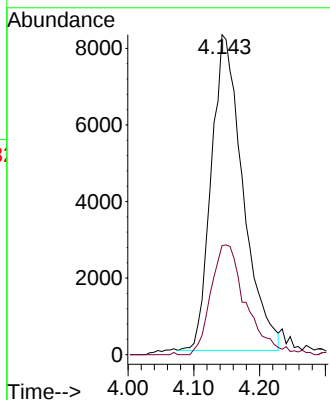
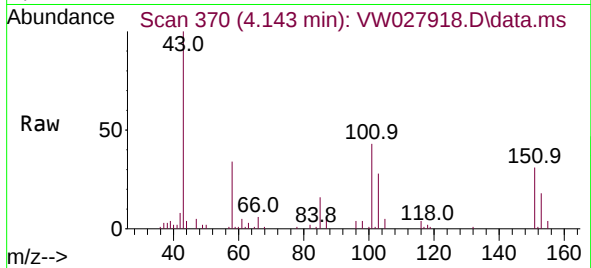




#13
Acetone
Concen: 36.501 ug/L
RT: 4.143 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW027918.D
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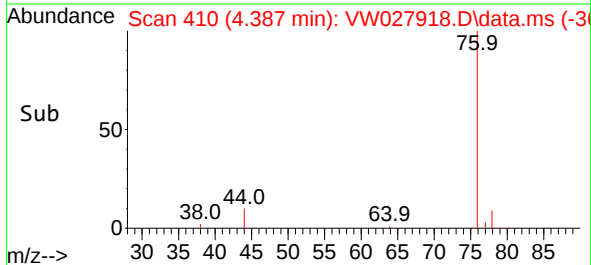
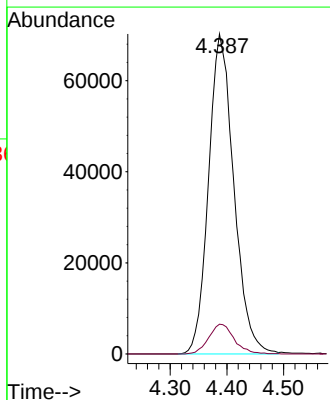
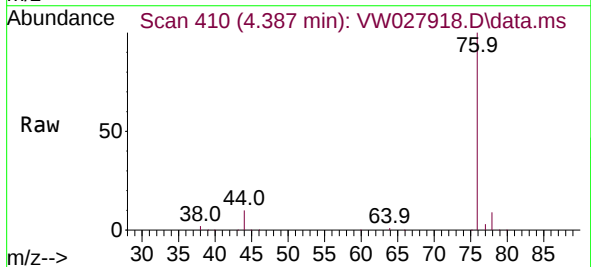
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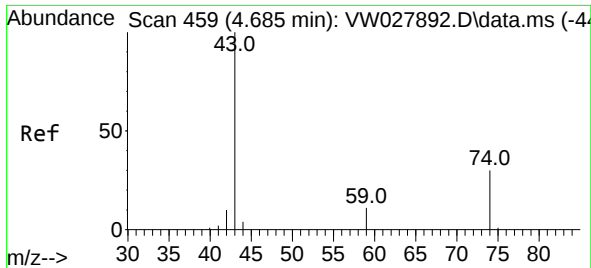
Tgt Ion: 43 Resp: 27580
Ion Ratio Lower Upper
43 100
58 37.8 0.0 70.2



#14
Carbon disulfide
Concen: 20.349 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion: 76 Resp: 217944
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

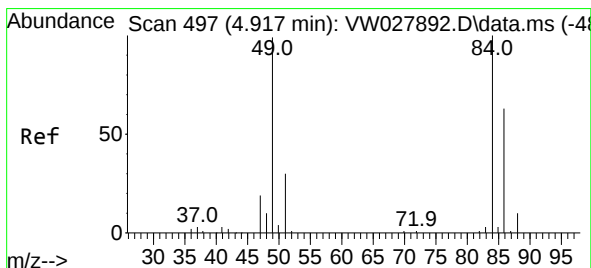
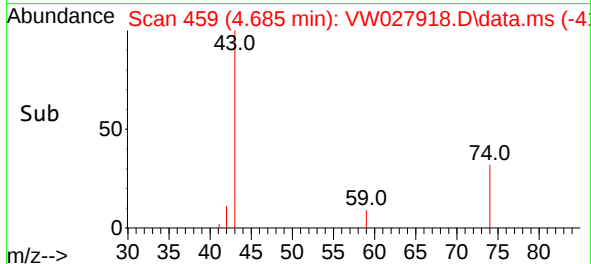
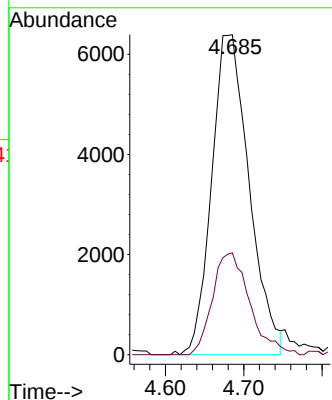
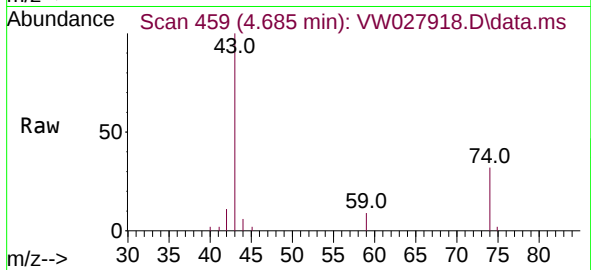




#15
Methyl Acetate
Concen: 20.673 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

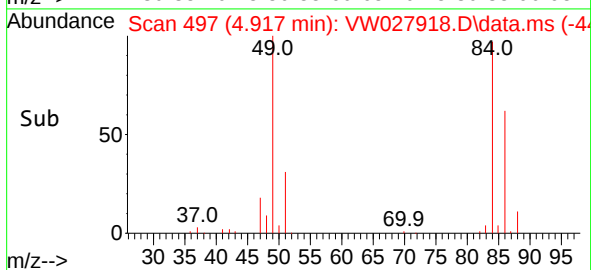
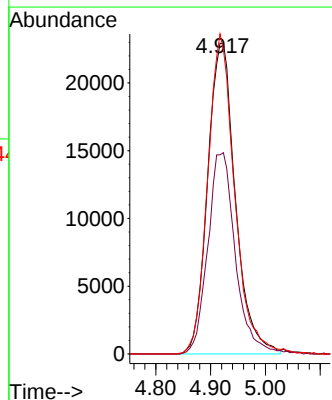
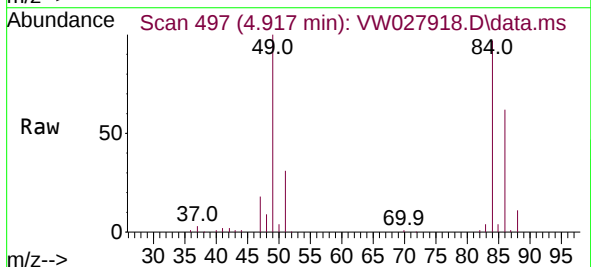
Instrument :
MSVOA_W
ClientSampleId :

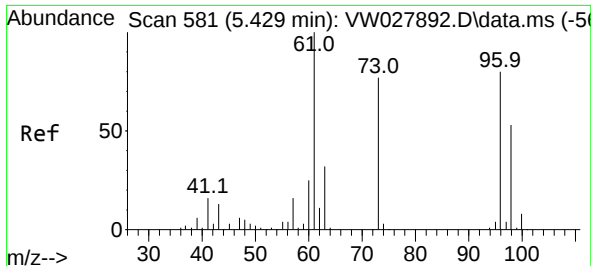
Tgt Ion: 43 Resp: 21251
Ion Ratio Lower Upper
43 100
74 31.4 21.9 32.9



#16
Methylene chloride
Concen: 19.008 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion: 84 Resp: 80726
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.9
49 103.0 70.3 130.5





#17

trans-1,2-Dichloroethene

Concen: 22.303 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

Instrument :

MSVOA_W

ClientSampleId :

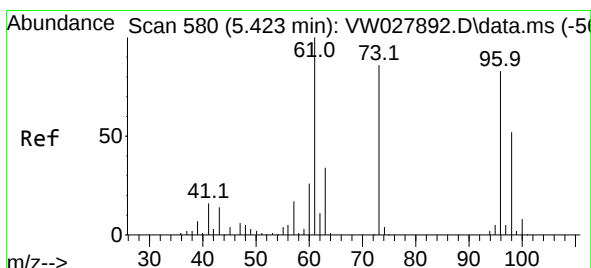
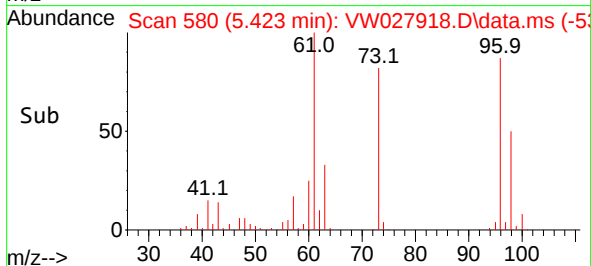
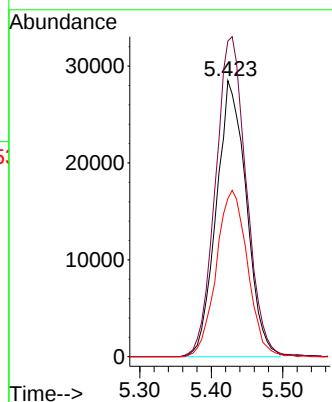
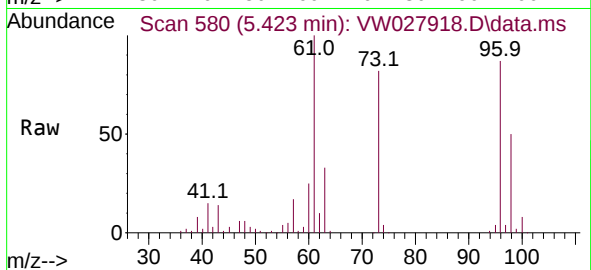
Tgt Ion: 96 Resp: 83029

Ion Ratio Lower Upper

96 100

61 114.3 85.0 157.8

98 57.2 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 21.419 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

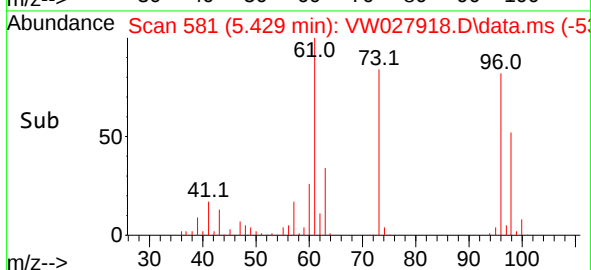
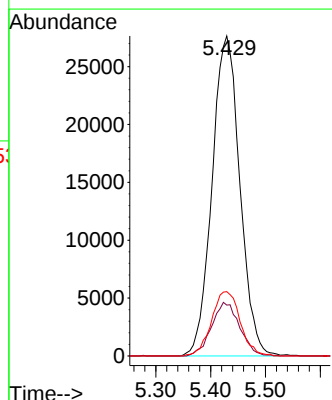
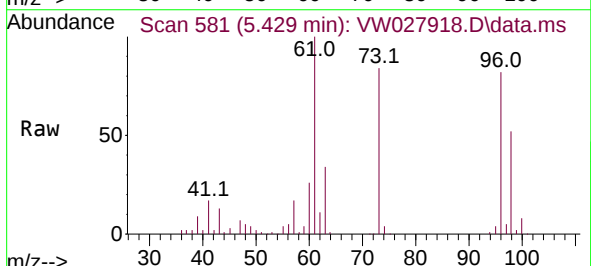
Tgt Ion: 73 Resp: 97422

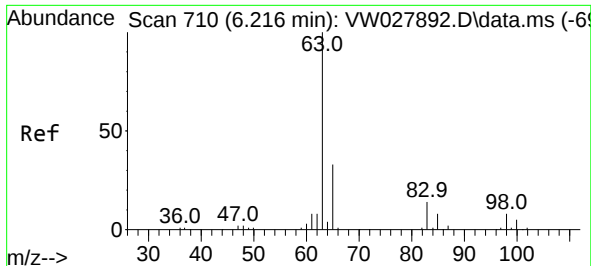
Ion Ratio Lower Upper

73 100

43 17.0 13.5 20.3

57 20.7 16.9 25.3





#19

1,1-Dichloroethane

Concen: 21.925 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

Instrument :

MSVOA_W

ClientSampleId :

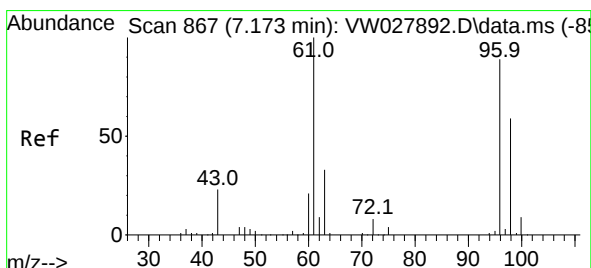
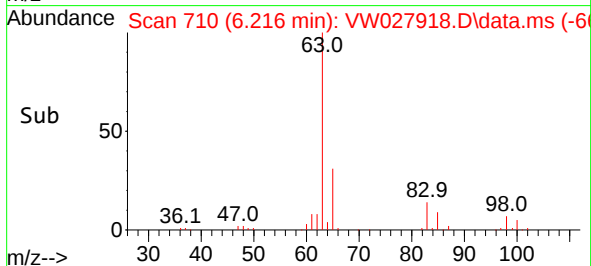
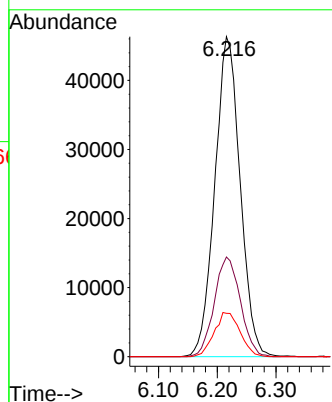
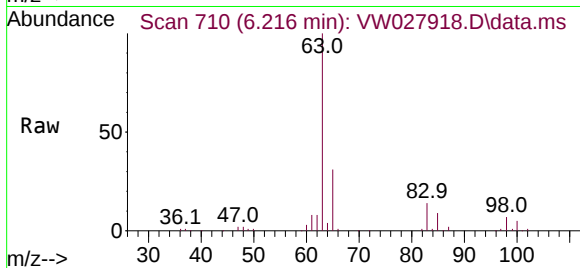
Tgt Ion: 63 Resp: 138474

Ion Ratio Lower Upper

63 100

65 31.1 21.5 39.9

83 13.6 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 22.421 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

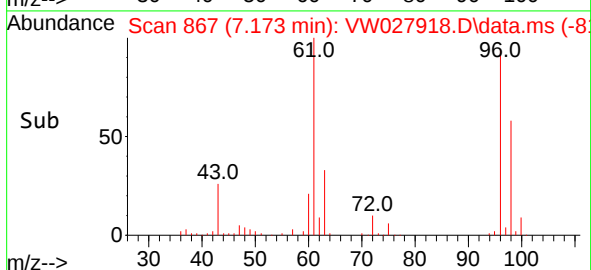
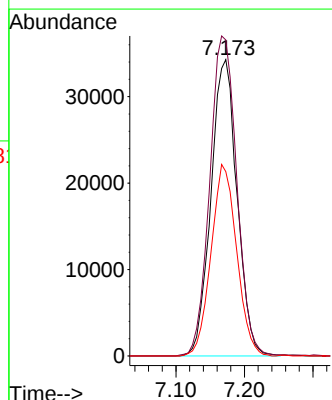
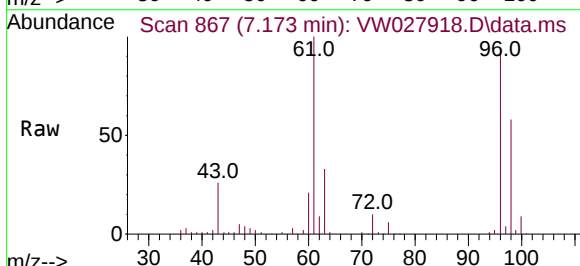
Tgt Ion: 96 Resp: 90785

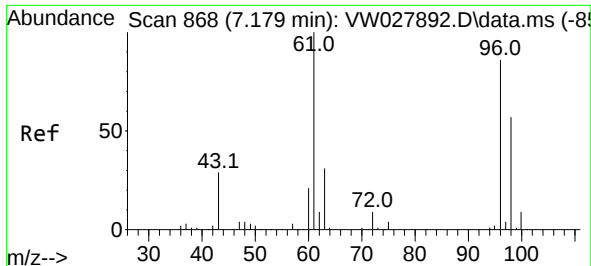
Ion Ratio Lower Upper

96 100

61 106.6 81.1 150.7

98 62.2 46.5 86.5

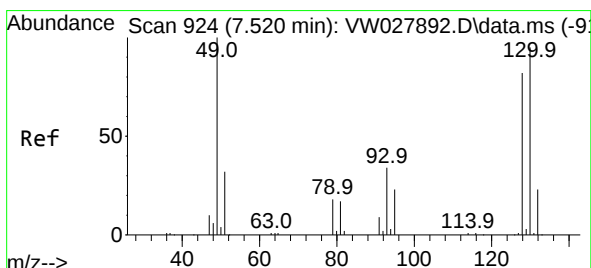
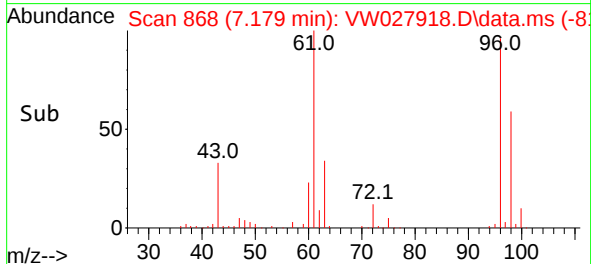
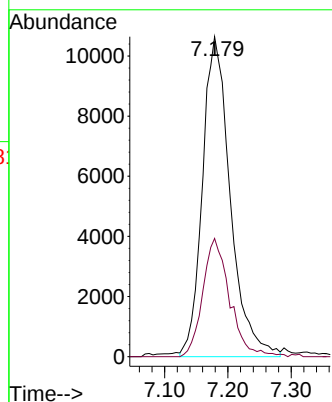
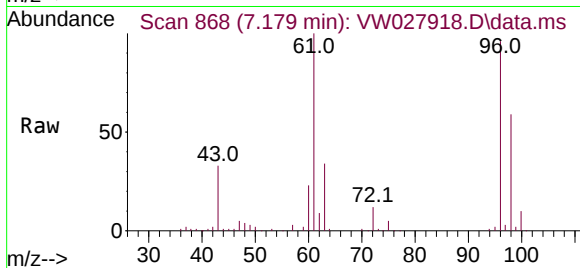




#22
2-Butanone
Concen: 44.433 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

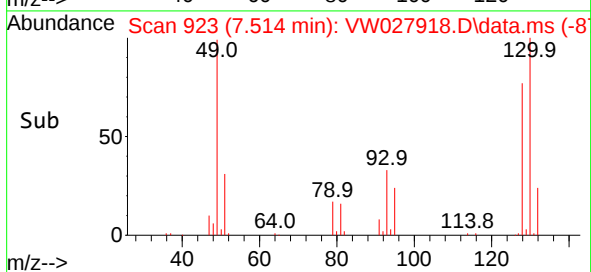
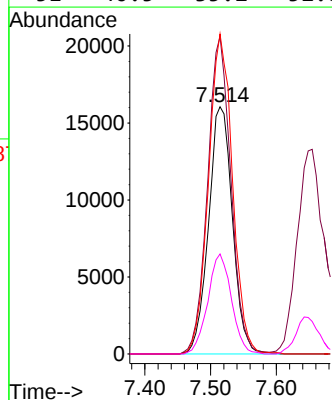
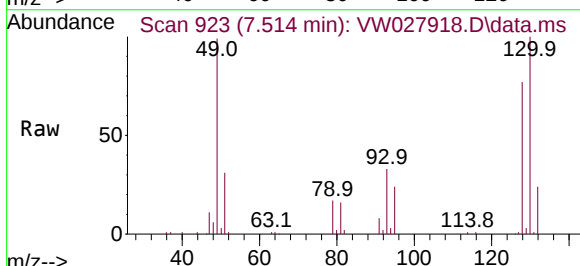
Instrument :
MSVOA_W
ClientSampleId :

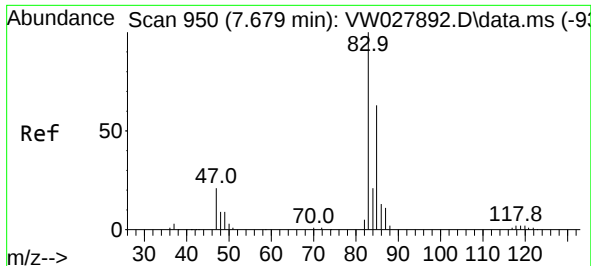
Tgt Ion: 43 Resp: 32566
Ion Ratio Lower Upper
43 100
72 35.7 16.7 50.1



#23
Bromochloromethane
Concen: 23.148 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion: 128 Resp: 40667
Ion Ratio Lower Upper
128 100
49 128.5 89.9 166.9
130 129.5 83.3 154.7
51 40.5 35.2 52.8

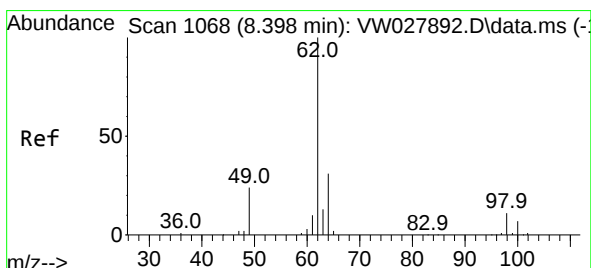
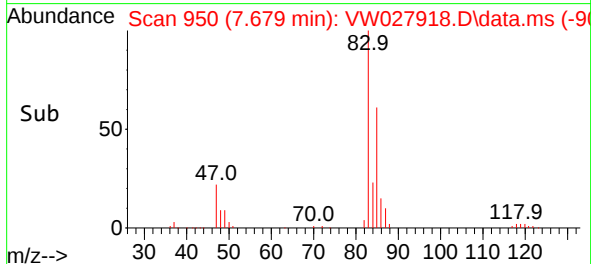
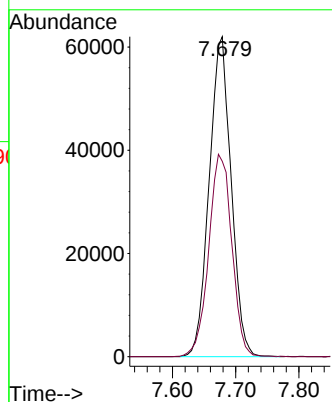
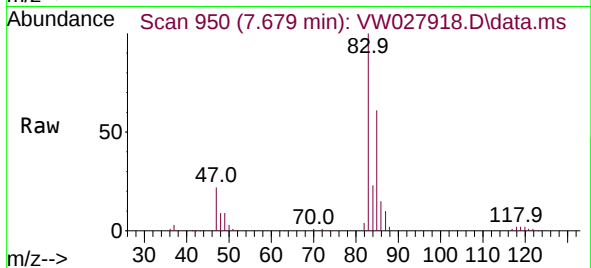




#25
Chloroform
Concen: 22.871 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

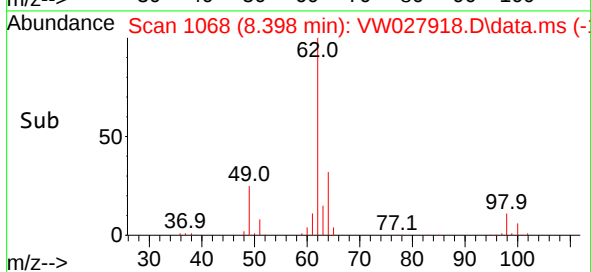
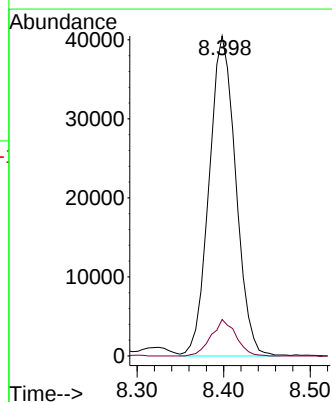
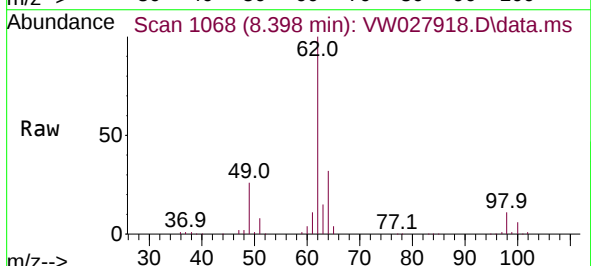
Instrument :
MSVOA_W
ClientSampleId :

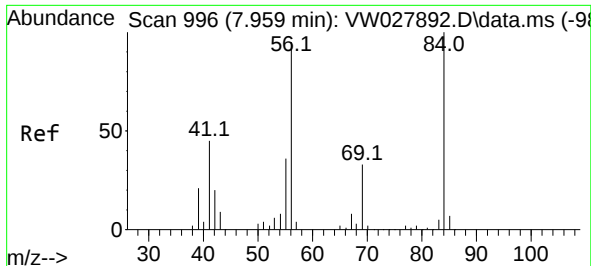
Tgt Ion: 83 Resp: 149329
Ion Ratio Lower Upper
83 100
85 61.0 43.7 81.1



#27
1,2-Dichloroethane
Concen: 23.462 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion: 62 Resp: 86583
Ion Ratio Lower Upper
62 100
98 11.4 8.1 12.1

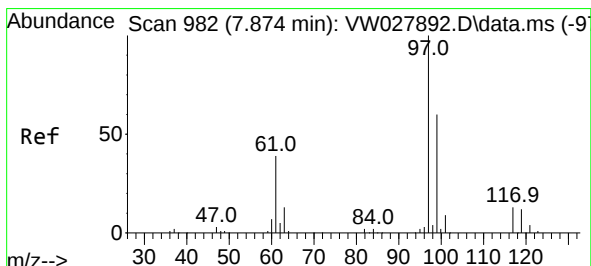
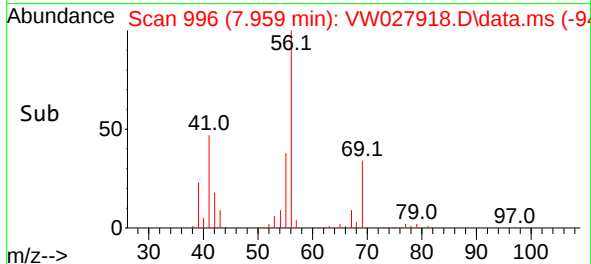
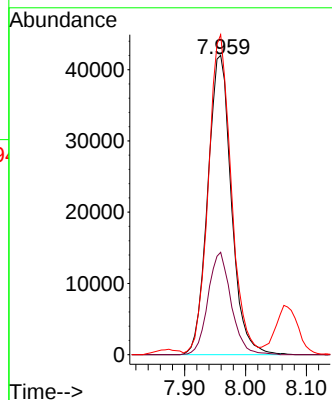
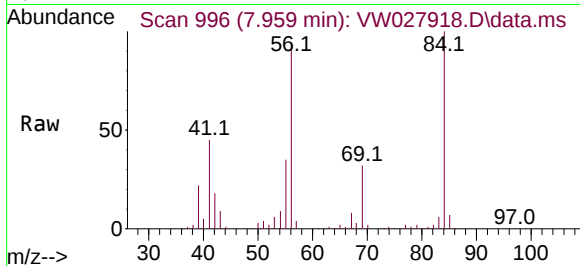




#29
Cyclohexane
Concen: 20.937 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

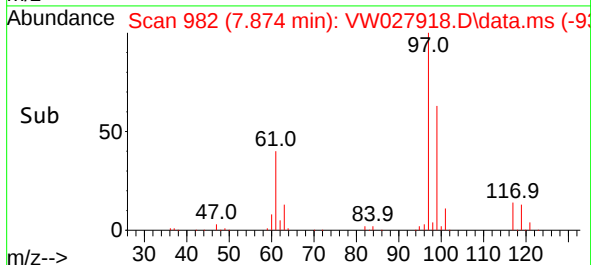
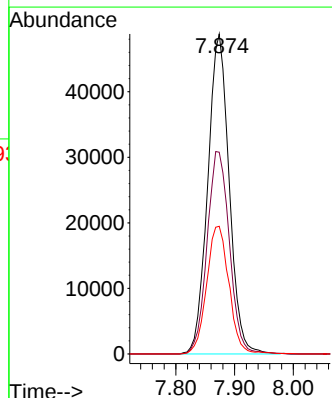
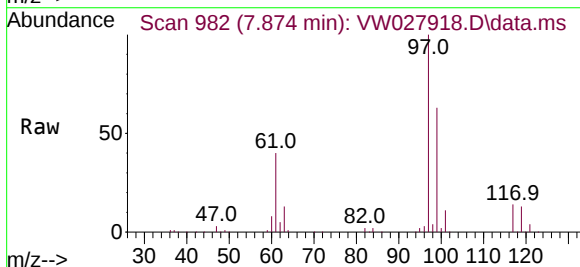
Instrument :
MSVOA_W
ClientSampleId :

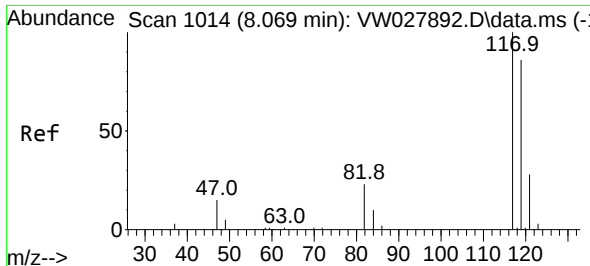
Tgt Ion:	56	Resp:	113297
Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.8	38.6
84	103.8	79.0	118.4



#30
1,1,1-Trichloroethane
Concen: 23.181 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

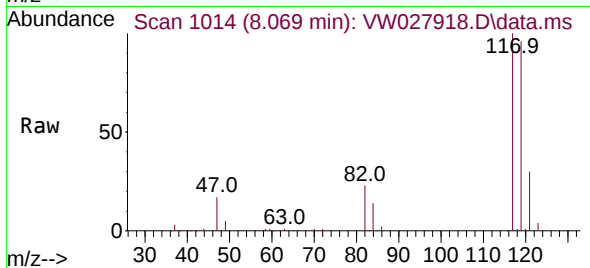
Tgt Ion:	97	Resp:	123648
Ion	Ratio	Lower	Upper
97	100		
99	66.0	50.6	75.8
61	41.3	33.6	50.4



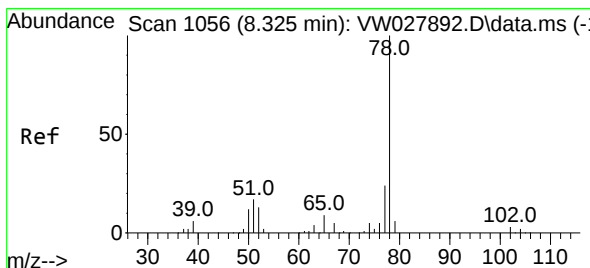
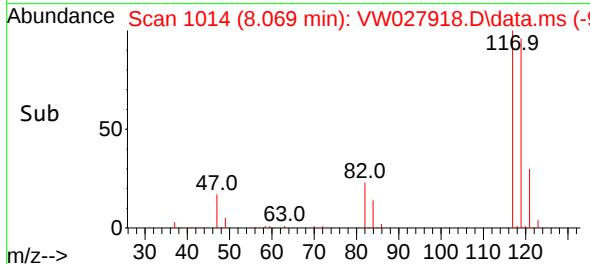
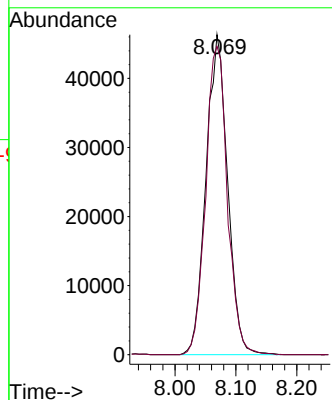


#31
Carbon tetrachloride
Concen: 24.711 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Instrument :
MSVOA_W
ClientSampleId :

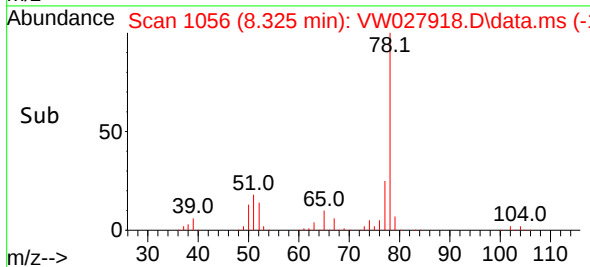
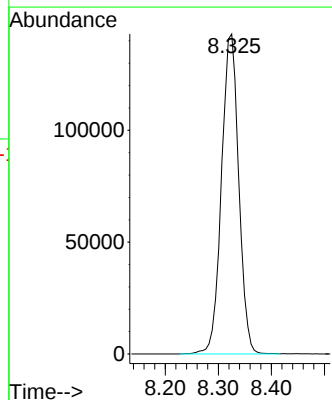
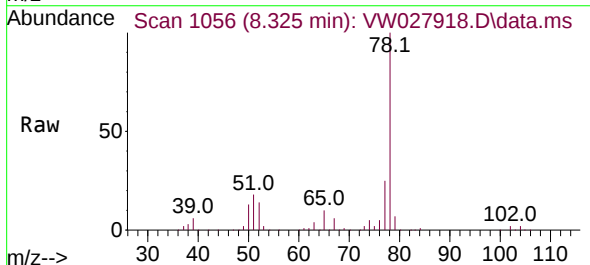


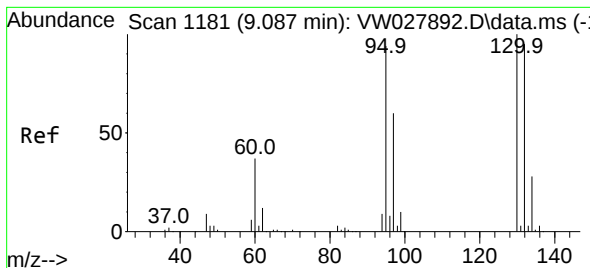
Tgt Ion:117 Resp: 114340
Ion Ratio Lower Upper
117 100
119 96.6 74.8 112.2



#33
Benzene
Concen: 22.033 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion: 78 Resp: 323451





#34

Trichloroethene

Concen: 23.163 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 92944

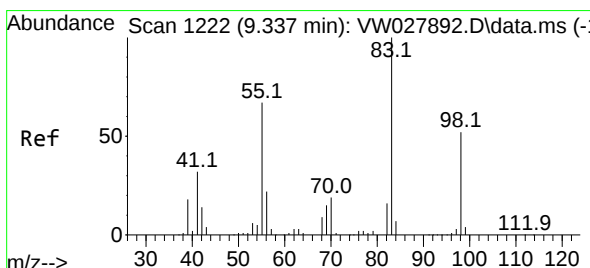
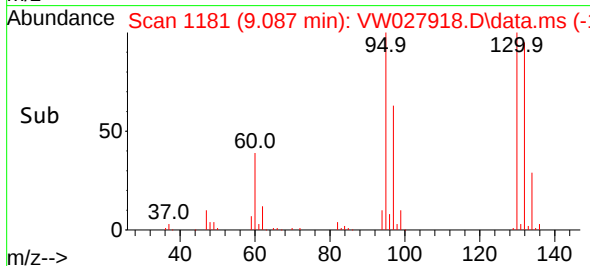
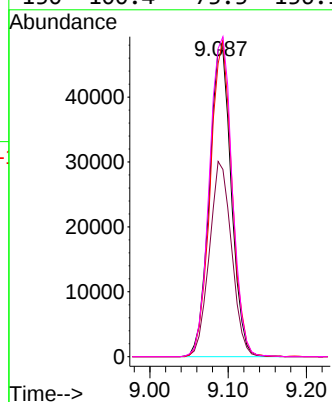
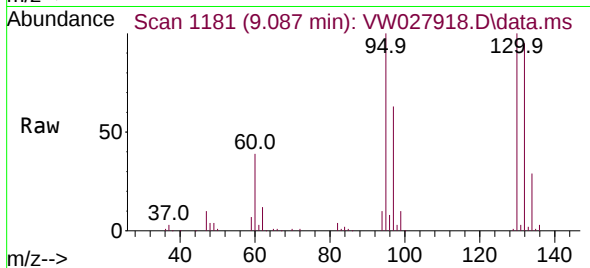
Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.9

132 95.5 74.1 137.5

130 100.4 73.3 136.1



#35

Methylcyclohexane

Concen: 21.896 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

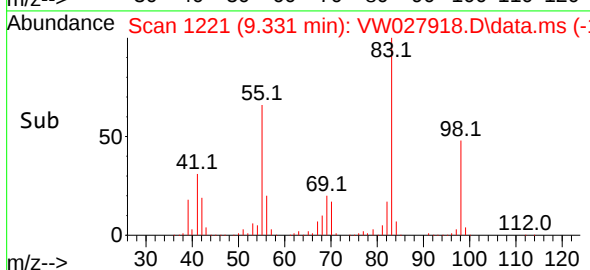
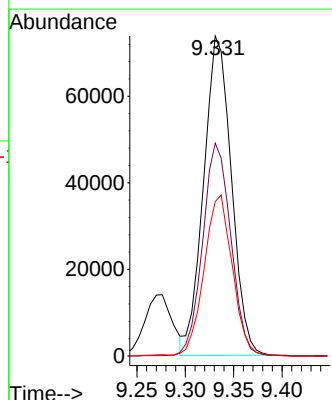
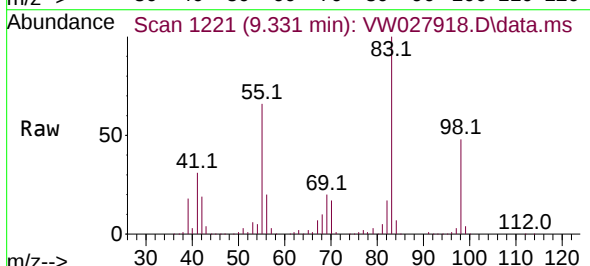
Tgt Ion: 83 Resp: 147874

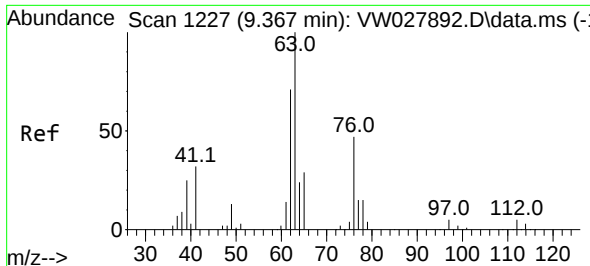
Ion Ratio Lower Upper

83 100

55 67.3 54.7 82.1

98 51.0 41.0 61.4

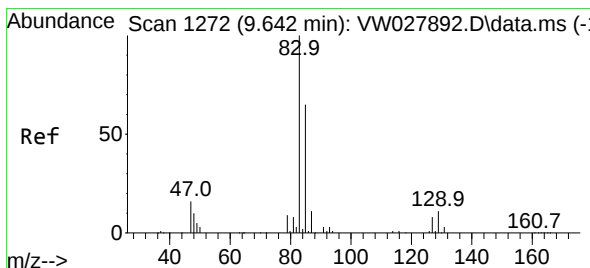
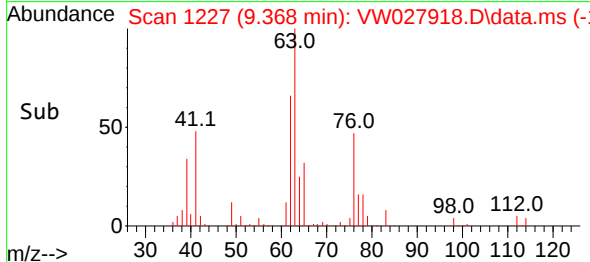
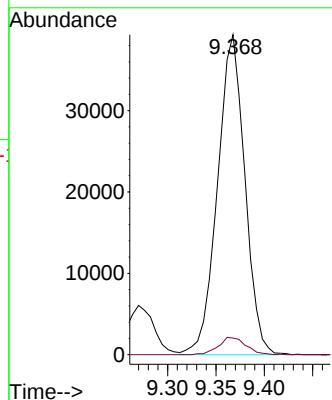
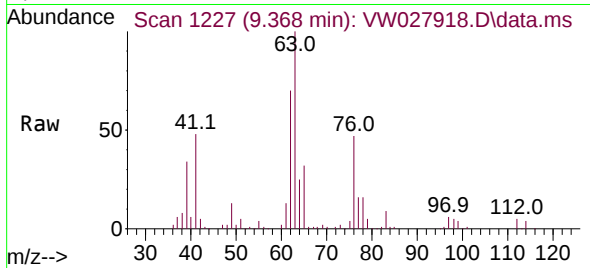




#37
1,2-Dichloropropane
Concen: 21.839 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

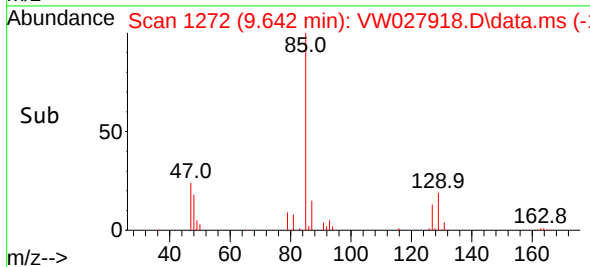
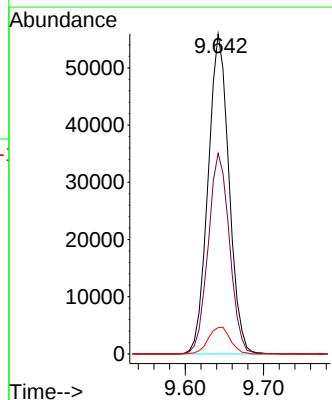
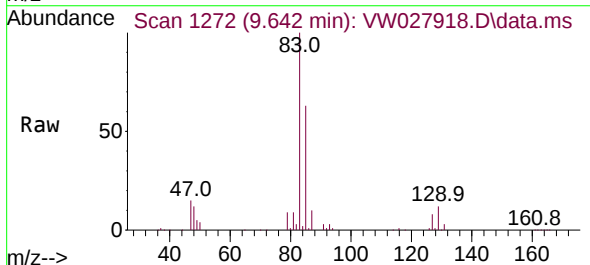
Instrument :
MSVOA_W
ClientSampleId :

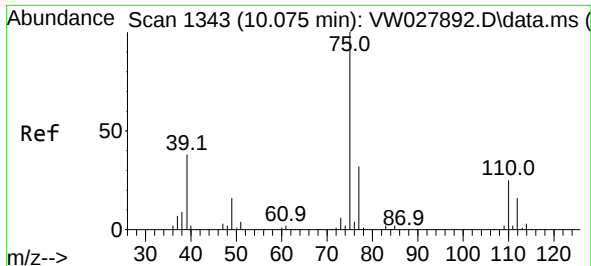
Tgt Ion: 63 Resp: 77234
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.2



#38
Bromodichloromethane
Concen: 23.437 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion: 83 Resp: 103641
Ion Ratio Lower Upper
83 100
85 62.7 43.0 79.8
127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 23.378 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

Instrument :

MSVOA_W

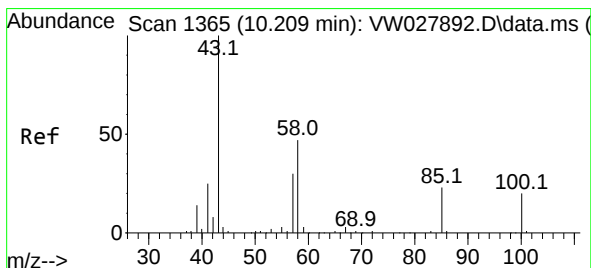
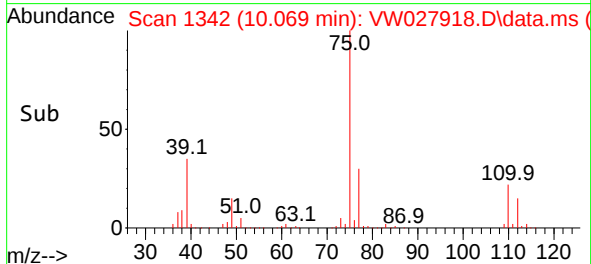
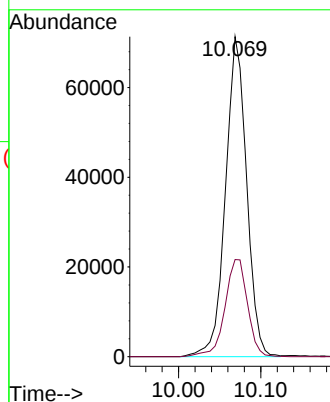
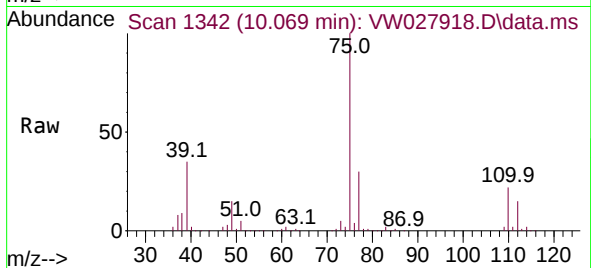
ClientSampleId :

Tgt Ion: 75 Resp: 127396

Ion Ratio Lower Upper

75 100

77 30.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 44.121 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

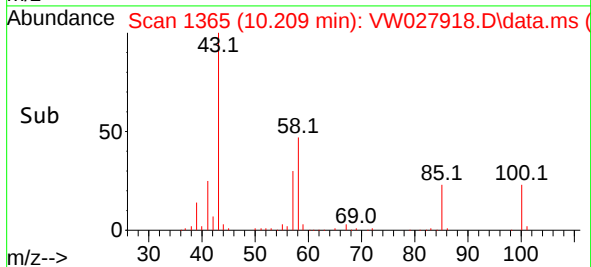
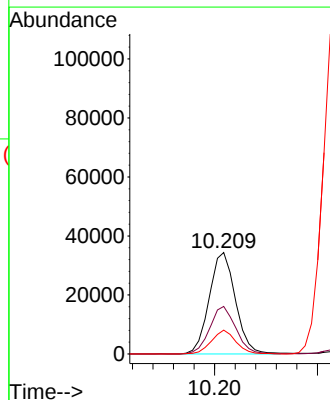
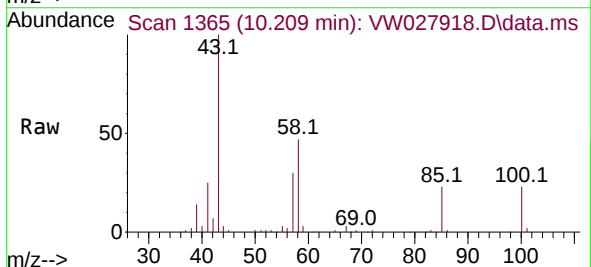
Tgt Ion: 43 Resp: 60864

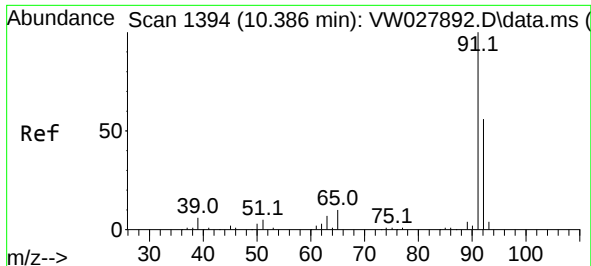
Ion Ratio Lower Upper

43 100

58 46.6 36.9 55.3

100 21.9 16.7 25.1

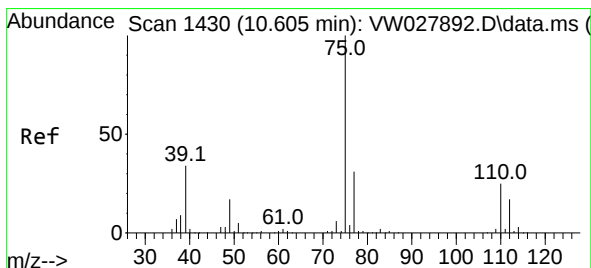
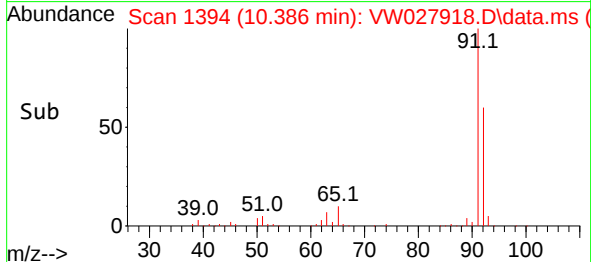
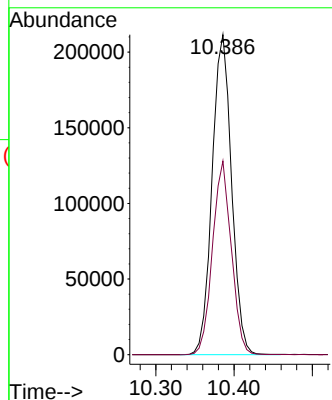
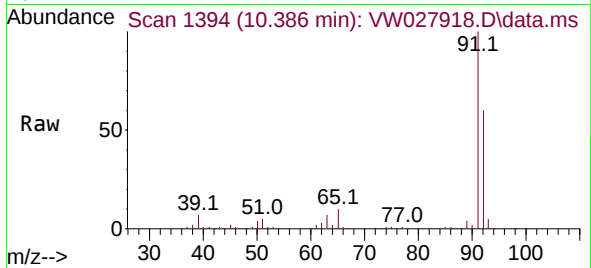




#42
Toluene
Concen: 22.799 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

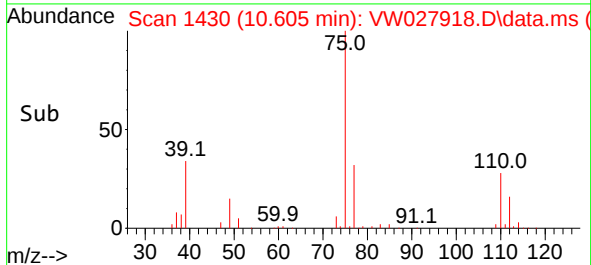
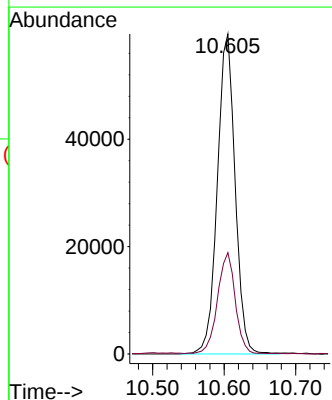
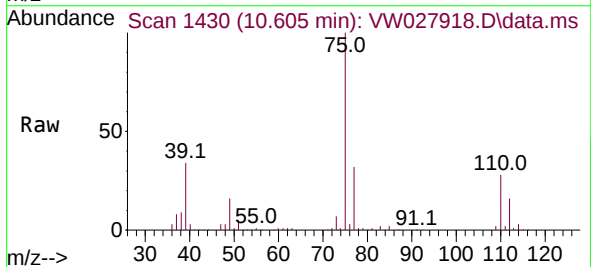
Instrument :
MSVOA_W
ClientSampleId :

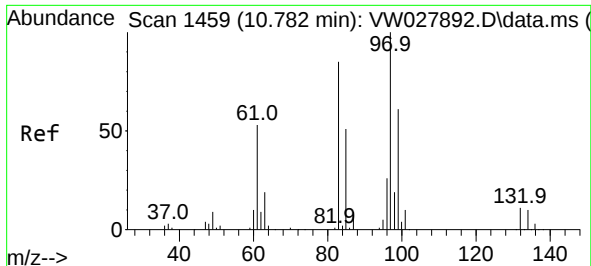
Tgt Ion: 91 Resp: 364238
Ion Ratio Lower Upper
91 100
92 60.5 43.5 80.7



#44
trans-1,3-Dichloropropene
Concen: 24.448 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

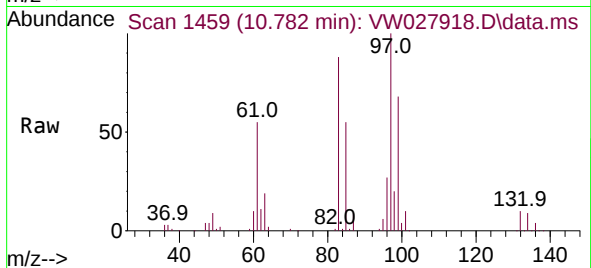
Tgt Ion: 75 Resp: 102839
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.4



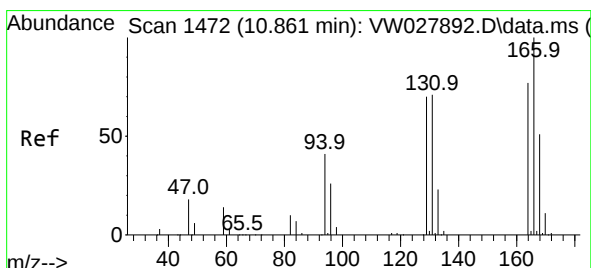
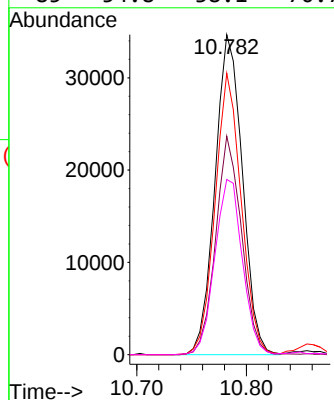
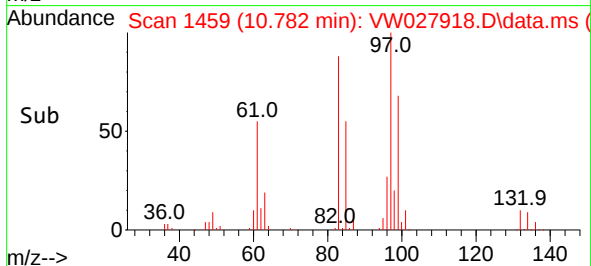


#45
1,1,2-Trichloroethane
Concen: 22.732 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

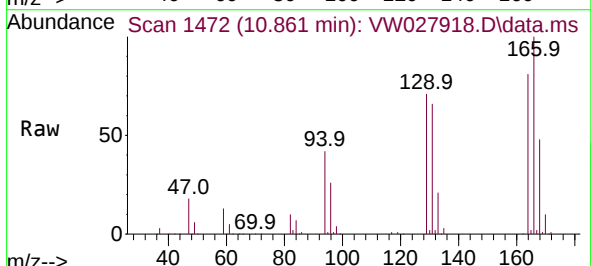
Instrument :
MSVOA_W
ClientSampleId :



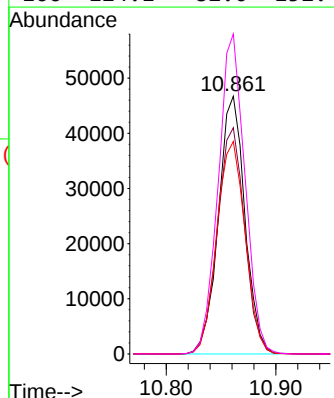
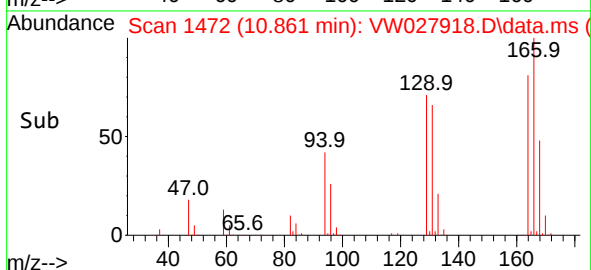
Tgt Ion: 97	Resp: 60228
Ion Ratio	Lower Upper
97 100	
99 68.3	42.1 78.3
83 88.0	58.4 108.4
85 54.8	38.1 70.7

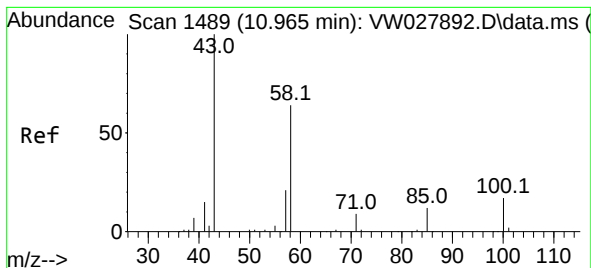


#46
Tetrachloroethene
Concen: 23.963 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19



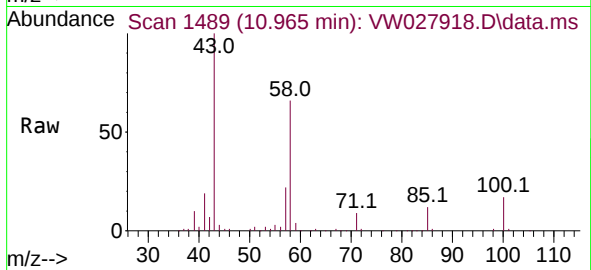
Tgt Ion:164	Resp: 78400
Ion Ratio	Lower Upper
164 100	
129 87.7	62.7 116.5
131 82.4	57.3 106.5
166 124.1	82.0 152.4



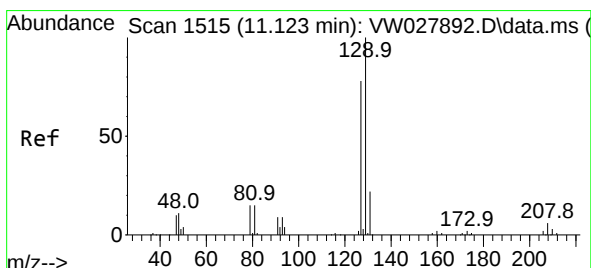
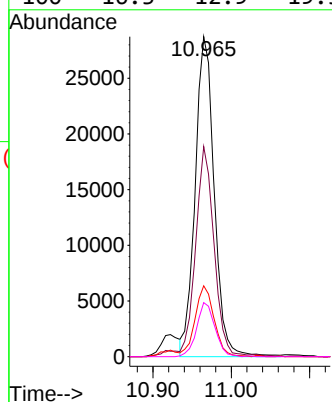
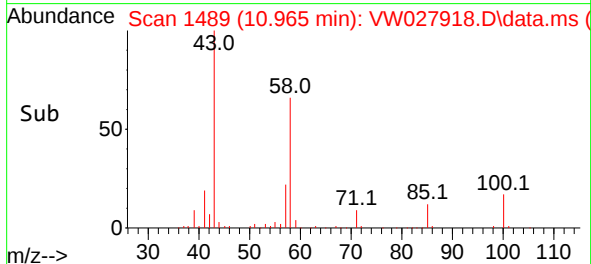


#48
2-Hexanone
Concen: 48.862 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

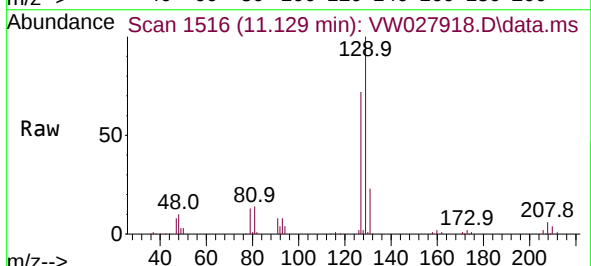
Instrument :
MSVOA_W
ClientSampleId :



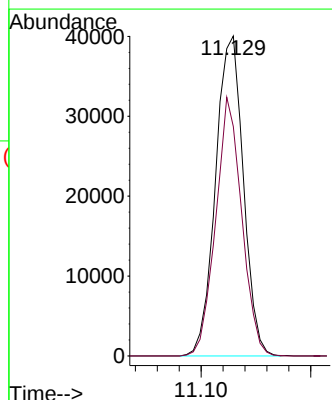
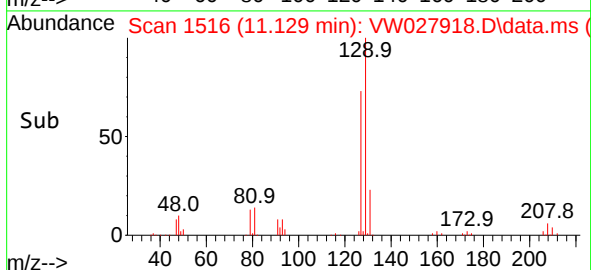
Tgt Ion: 43 Resp: 48805
Ion Ratio Lower Upper
43 100
58 62.8 49.3 73.9
57 22.0 17.0 25.4
100 16.3 12.9 19.3

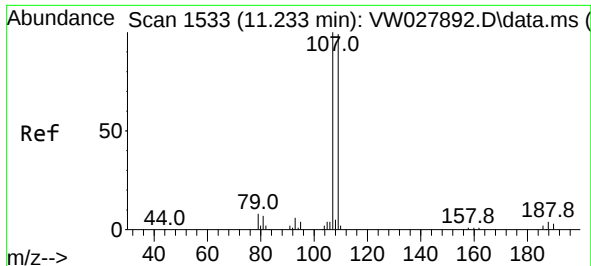


#49
Dibromochloromethane
Concen: 24.371 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19



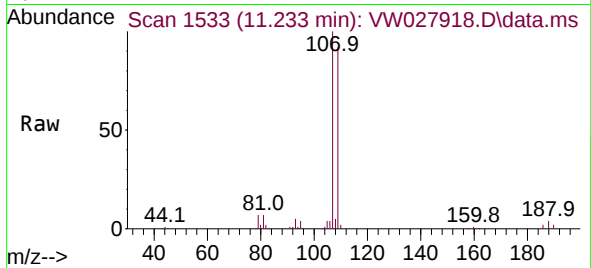
Tgt Ion: 129 Resp: 70555
Ion Ratio Lower Upper
129 100
127 71.7 51.0 94.6



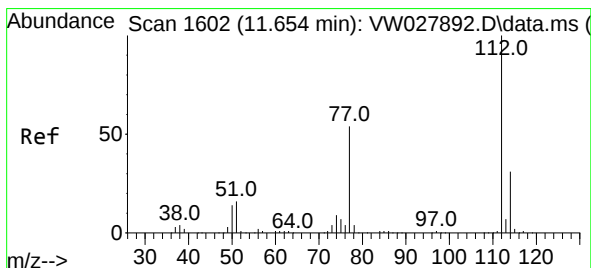
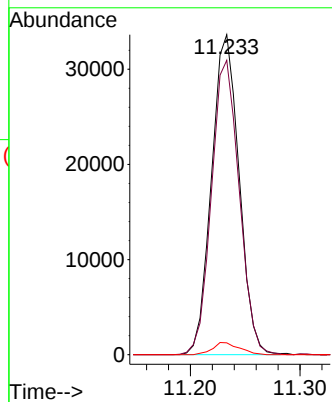
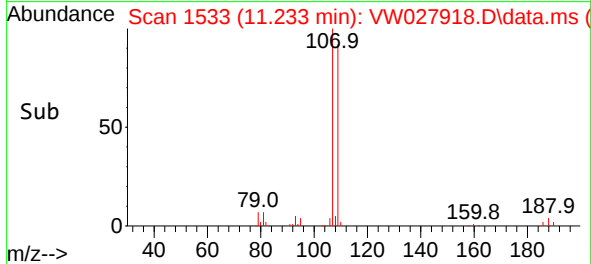


#50
1,2-Dibromoethane
Concen: 24.075 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

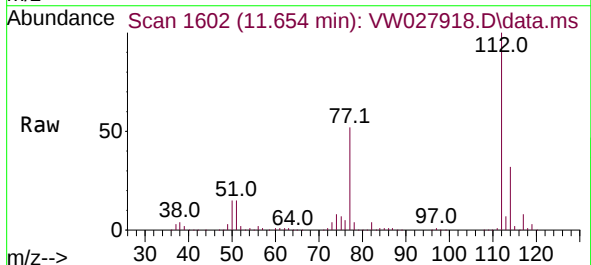
Instrument :
MSVOA_W
ClientSampleId :



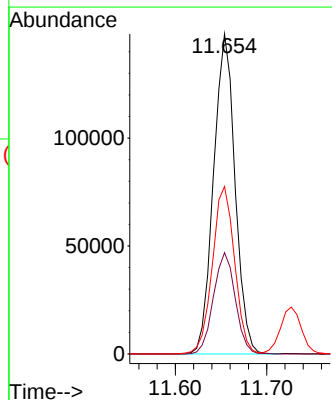
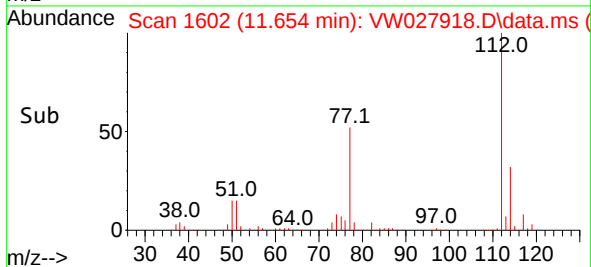
Tgt Ion:107 Resp: 58791
Ion Ratio Lower Upper
107 100
109 92.0 69.3 128.7
188 3.7 3.0 4.4

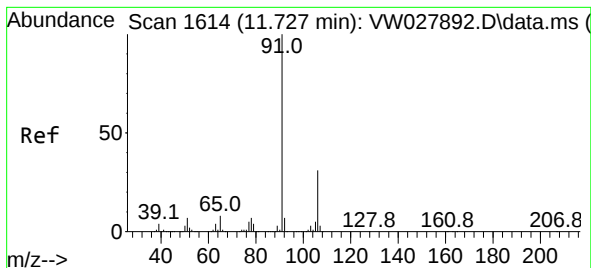


#51
Chlorobenzene
Concen: 22.983 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19



Tgt Ion:112 Resp: 242461
Ion Ratio Lower Upper
112 100
114 31.7 21.3 39.6
77 52.4 44.5 66.7

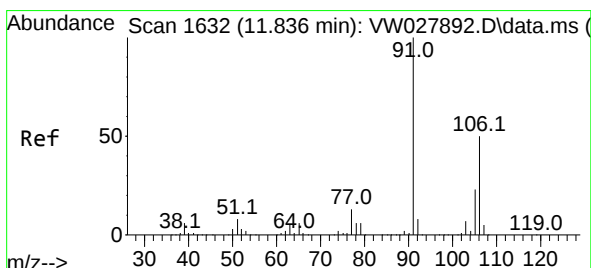
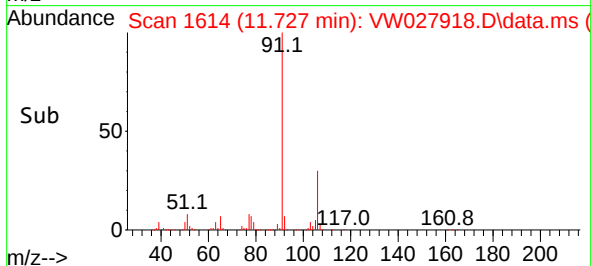
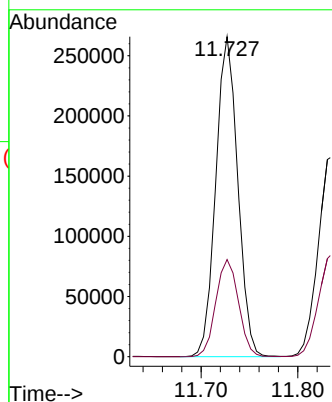
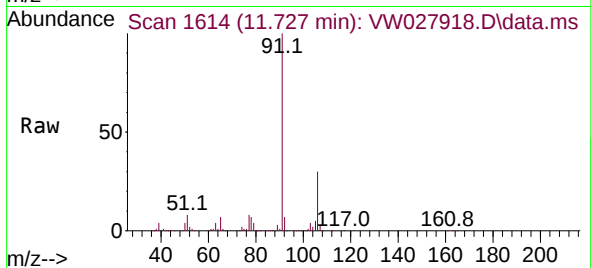




#52
Ethylbenzene
Concen: 23.264 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

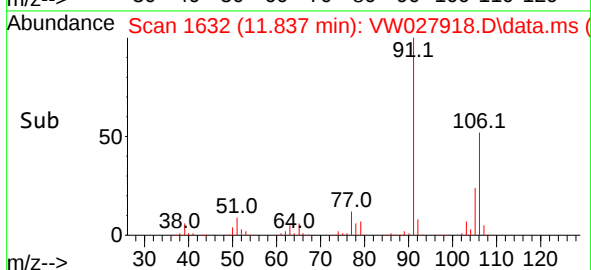
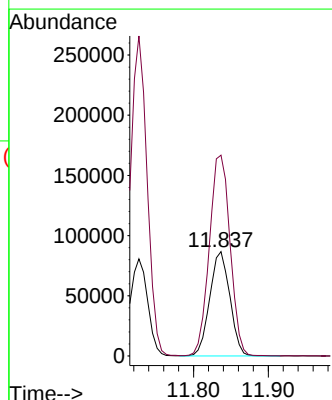
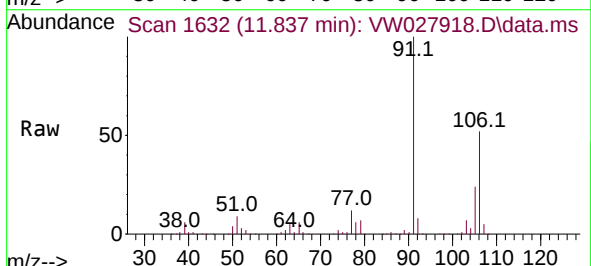
Instrument :
MSVOA_W
ClientSampleId :

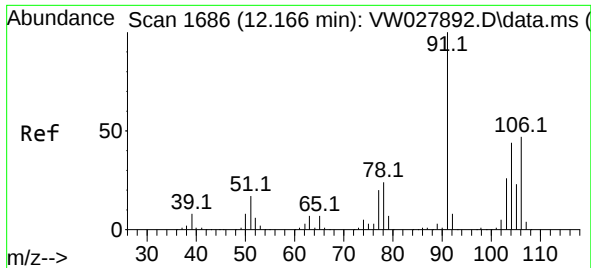
Tgt Ion: 91 Resp: 418958
Ion Ratio Lower Upper
91 100
106 30.3 23.0 42.6



#53
m,p-Xylene
Concen: 23.086 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion:106 Resp: 161816
Ion Ratio Lower Upper
106 100
91 192.5 137.0 254.4

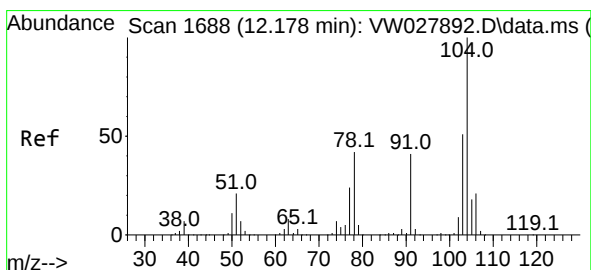
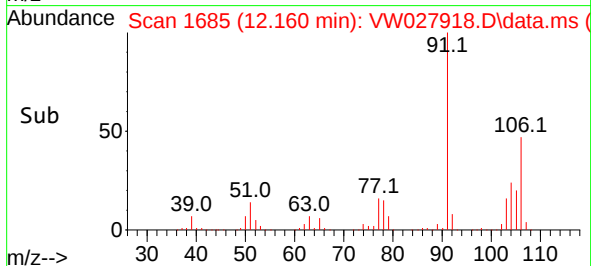
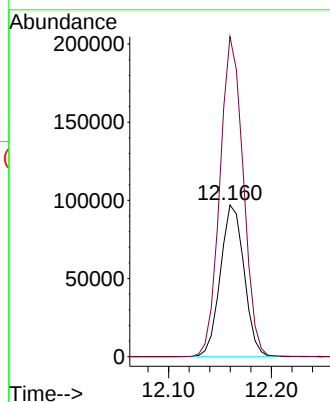
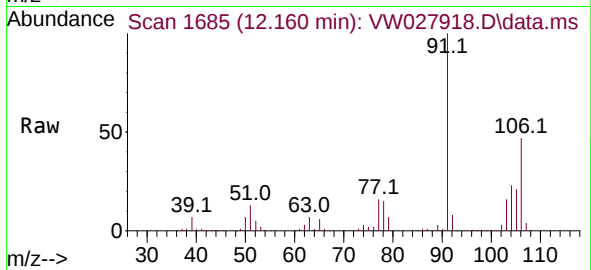




#54
o-Xylene
Concen: 23.693 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

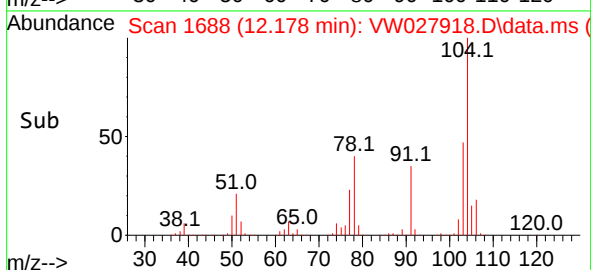
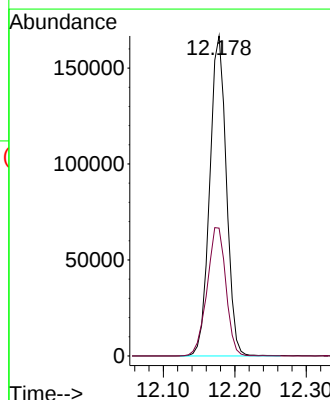
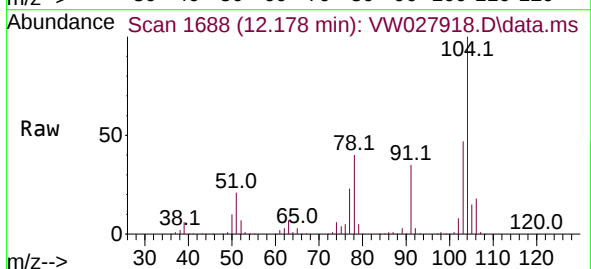
Instrument :
MSVOA_W
ClientSampleId :

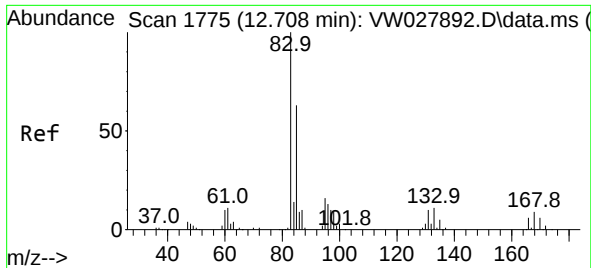
Tgt Ion:106 Resp: 155567
Ion Ratio Lower Upper
106 100
91 210.9 146.4 271.8



#55
Styrene
Concen: 24.297 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion:104 Resp: 269508
Ion Ratio Lower Upper
104 100
78 39.9 28.8 53.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.189 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

Instrument :

MSVOA_W

ClientSampleId :

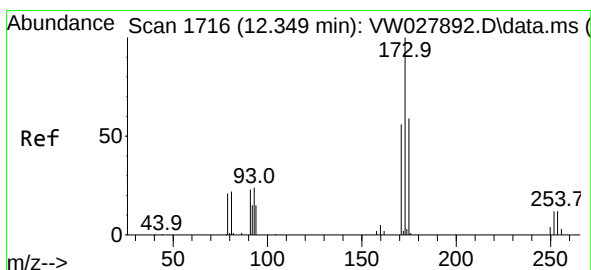
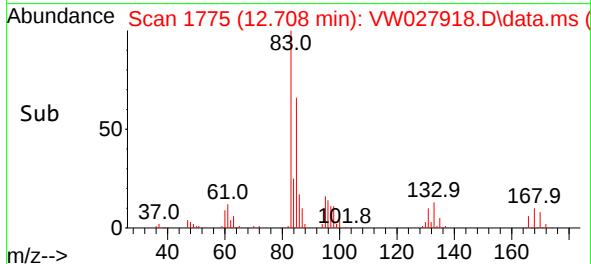
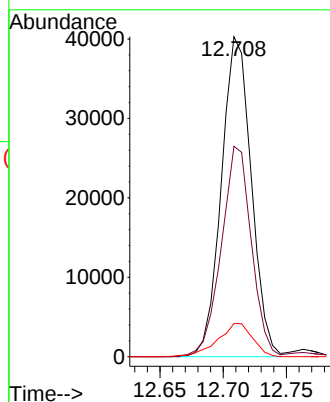
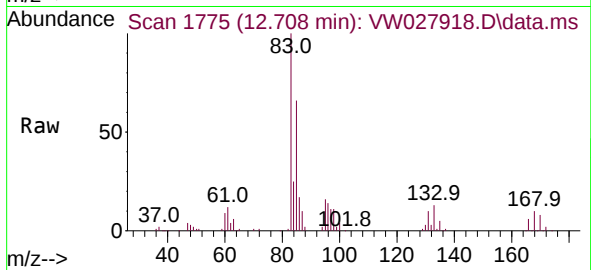
Tgt Ion: 83 Resp: 66238

Ion Ratio Lower Upper

83 100

85 65.8 43.2 80.2

131 10.3 8.2 12.2



#59

Bromoform

Concen: 22.857 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

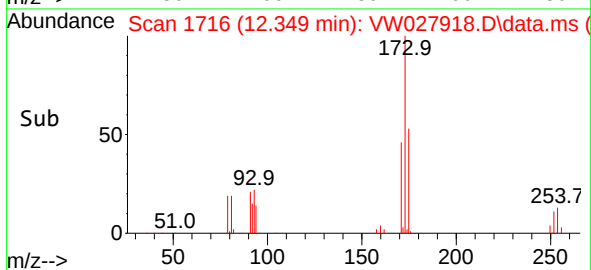
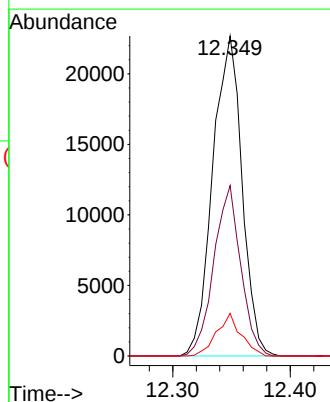
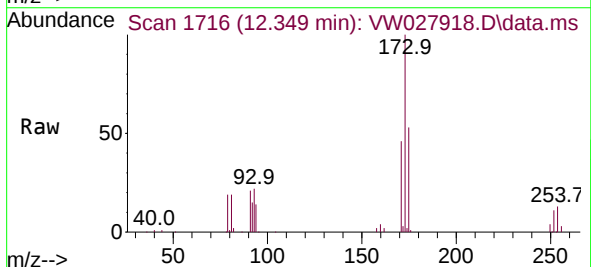
Tgt Ion:173 Resp: 39300

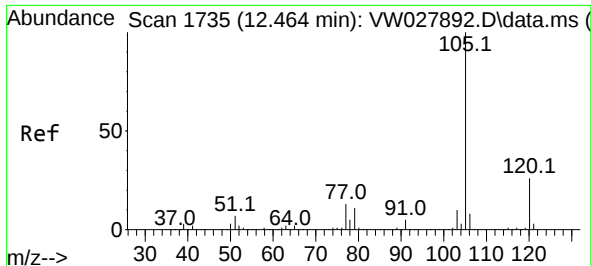
Ion Ratio Lower Upper

173 100

175 48.9 35.9 53.9

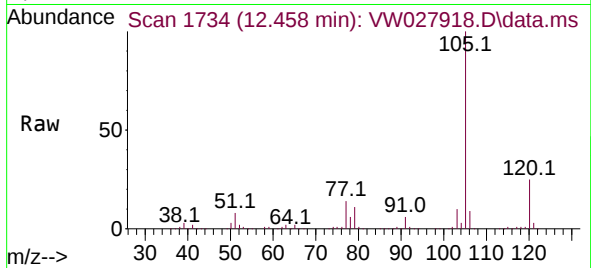
254 11.1 5.1 7.7#



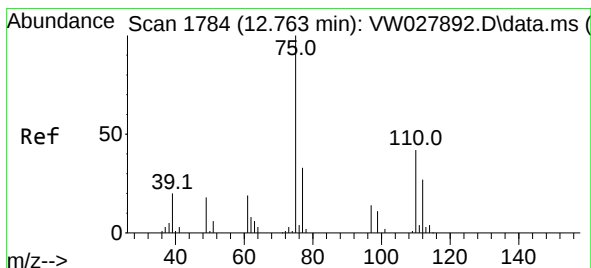
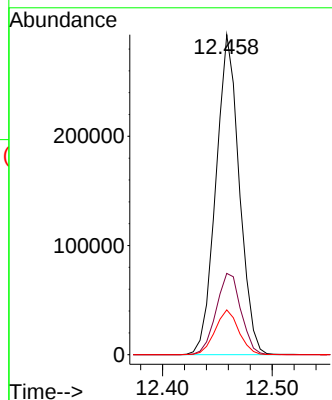
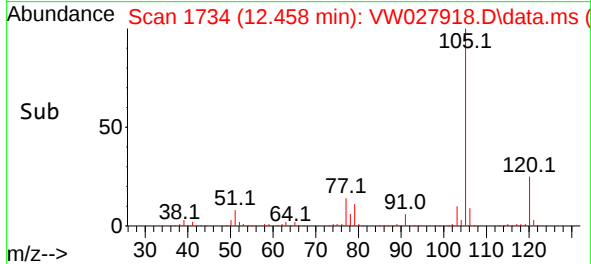


#60
Isopropylbenzene
Concen: 22.855 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

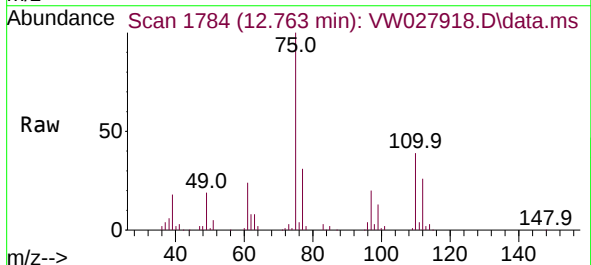
Instrument :
MSVOA_W
ClientSampleId :



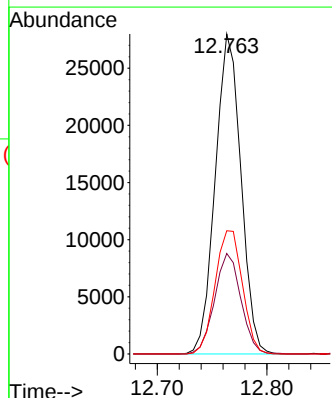
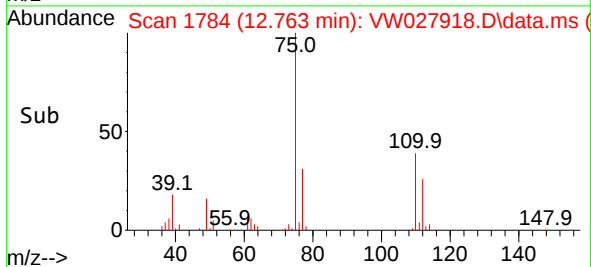
Tgt Ion:105 Resp: 435120
Ion Ratio Lower Upper
105 100
120 26.9 21.9 32.9
77 14.1 11.8 17.6

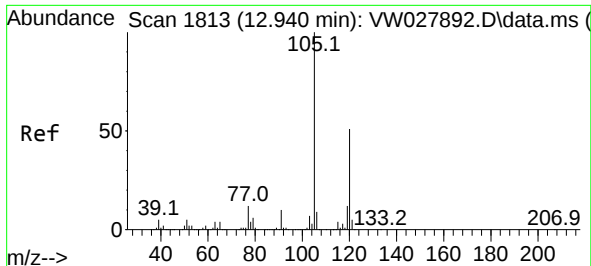


#61
1,2,3-Trichloropropane
Concen: 21.500 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19



Tgt Ion: 75 Resp: 45586
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 41.0 33.1 49.7

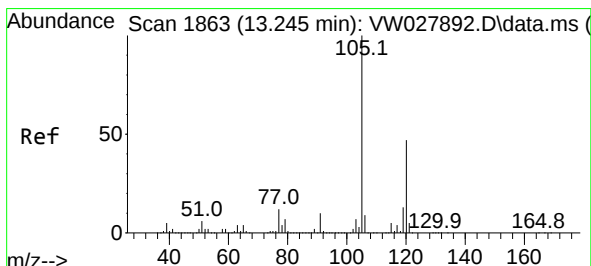
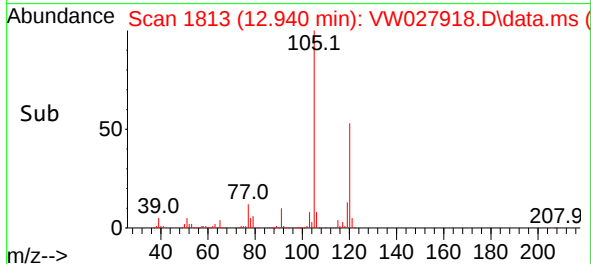
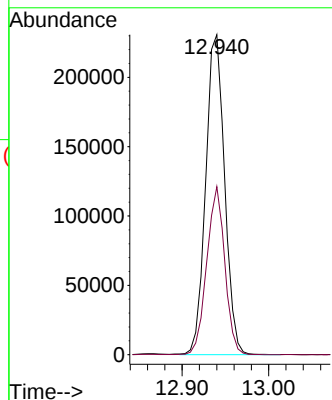
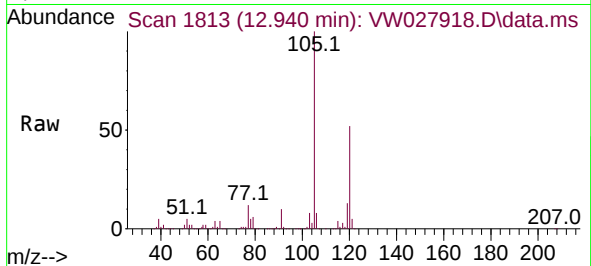




#62
1,3,5-Trimethylbenzene
Concen: 22.899 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

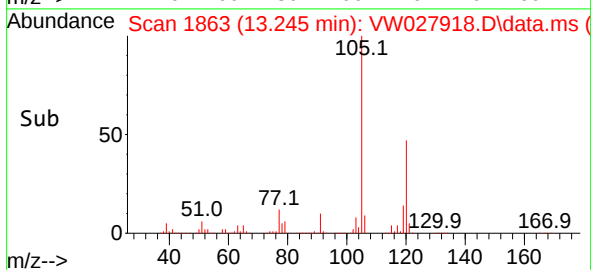
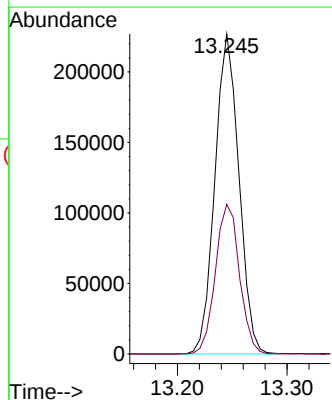
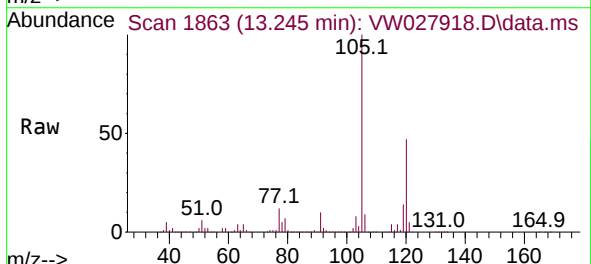
Instrument :
MSVOA_W
ClientSampleId :

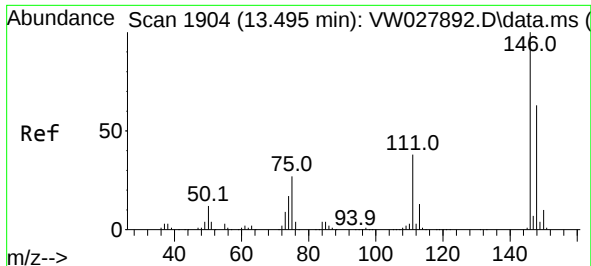
Tgt Ion:105 Resp: 350263
Ion Ratio Lower Upper
105 100
120 50.0 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 22.762 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion:105 Resp: 345453
Ion Ratio Lower Upper
105 100
120 46.8 38.2 57.2

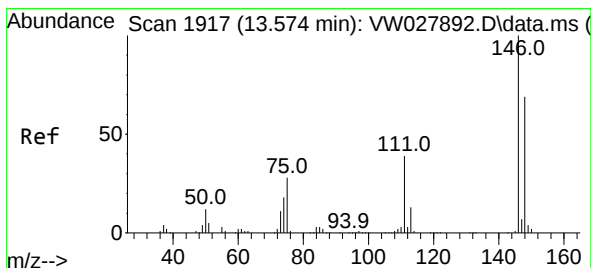
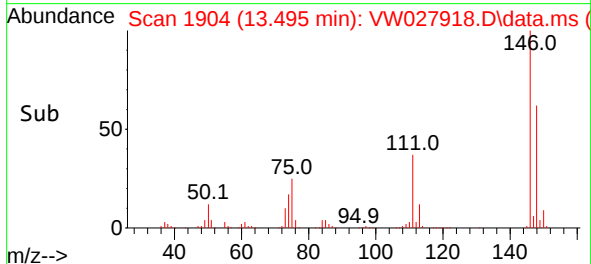
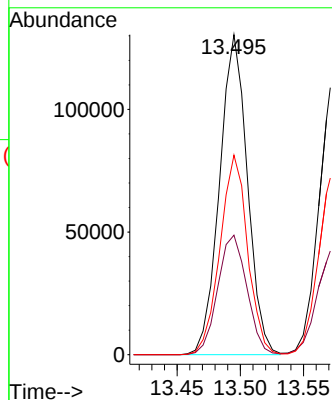
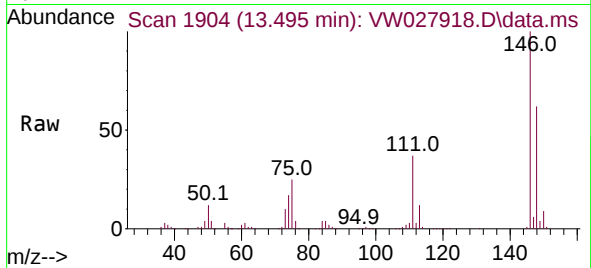




#64
1,3-Dichlorobenzene
Concen: 22.845 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

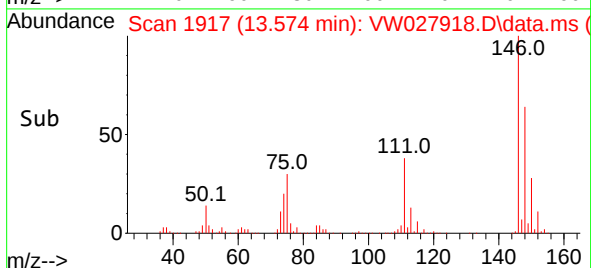
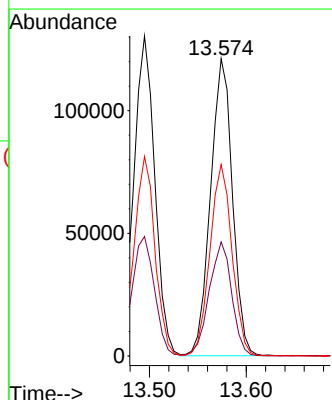
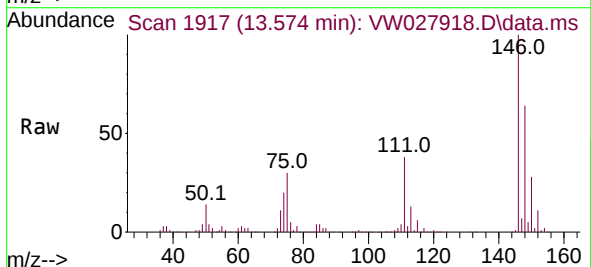
Instrument :
MSVOA_W
ClientSampleId :

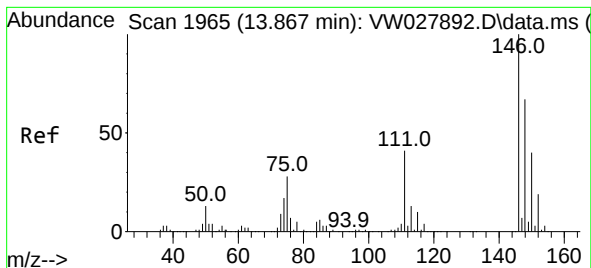
Tgt Ion:146 Resp: 199531
Ion Ratio Lower Upper
146 100
111 37.3 27.2 50.6
148 62.3 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 22.348 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

Tgt Ion:146 Resp: 190784
Ion Ratio Lower Upper
146 100
111 38.4 26.6 49.4
148 64.4 52.1 96.7

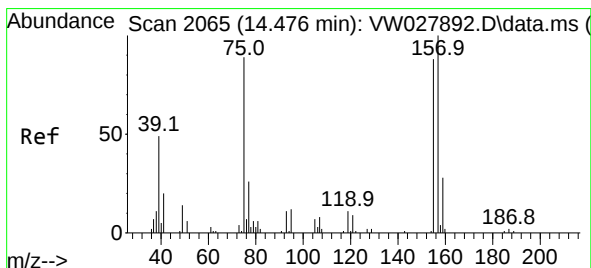
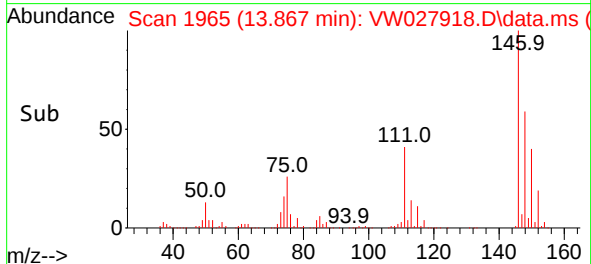
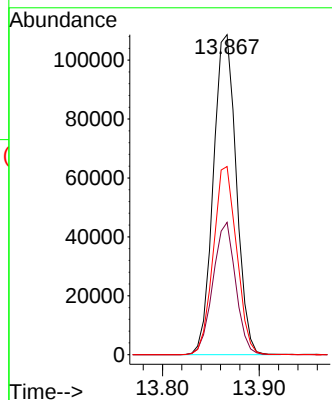
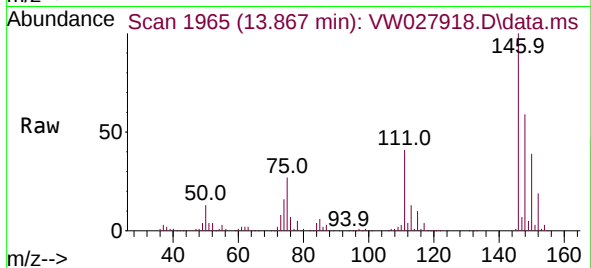




#67
1,2-Dichlorobenzene
Concen: 24.072 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

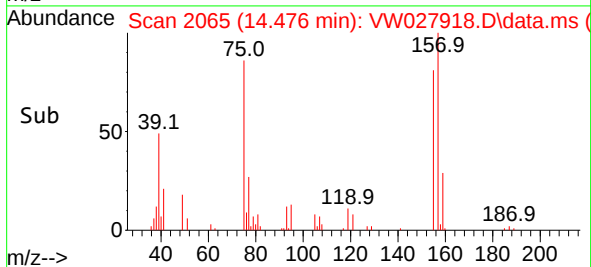
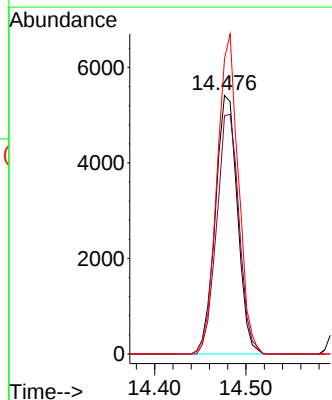
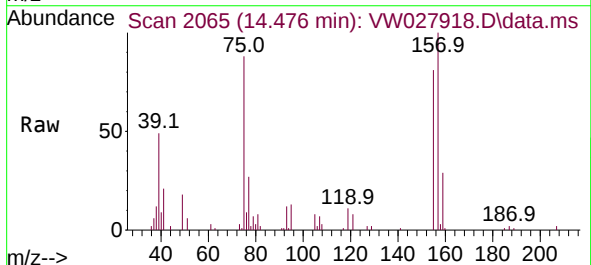
Instrument :
MSVOA_W
ClientSampleId :

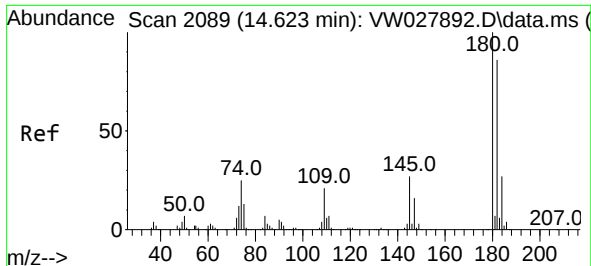
Tgt Ion:146 Resp: 179198
Ion Ratio Lower Upper
146 100
111 41.3 34.9 52.3
148 58.8 56.6 84.8



#68
1,2-Dibromo-3-chloropropane
Concen: 22.026 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027918.D
Acq: 02 Feb 2024 09:19

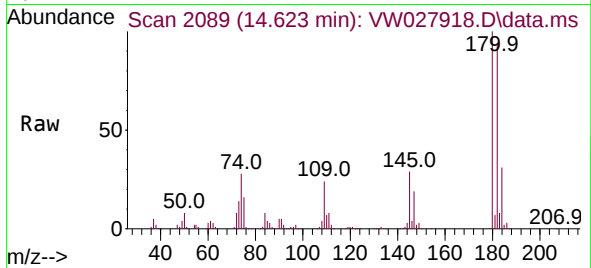
Tgt Ion: 75 Resp: 9114
Ion Ratio Lower Upper
75 100
155 92.1 67.8 101.8
157 114.1 85.4 128.0



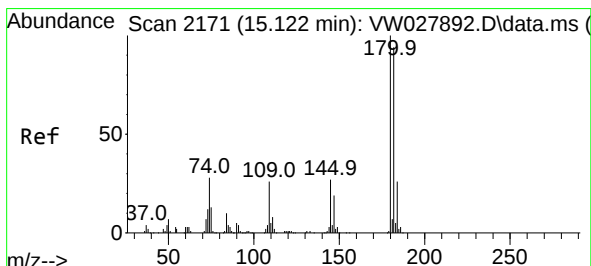
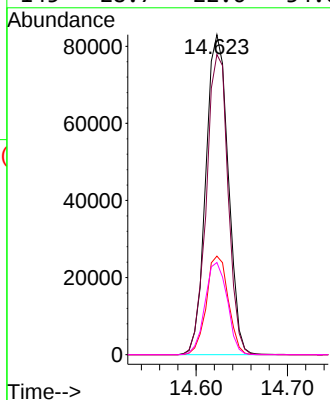
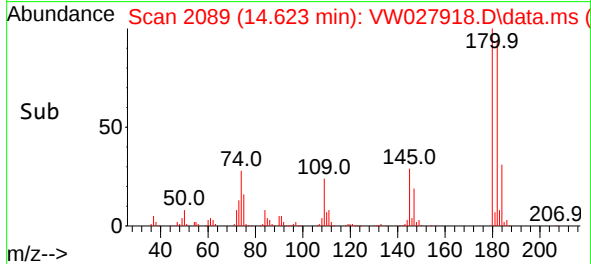


#69
 1,3,5-Trichlorobenzene
 Concen: 23.444 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW027918.D
 Acq: 02 Feb 2024 09:19

Instrument :
 MSVOA_W
 ClientSampleId :

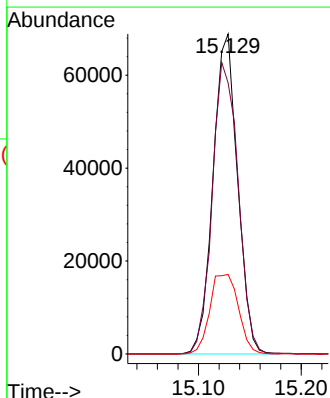
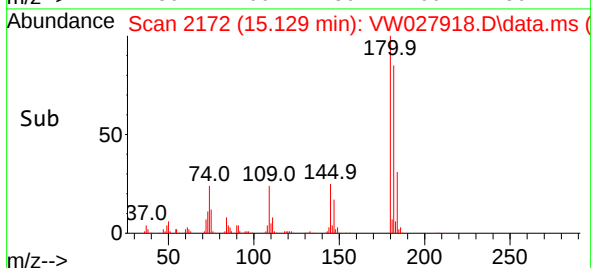
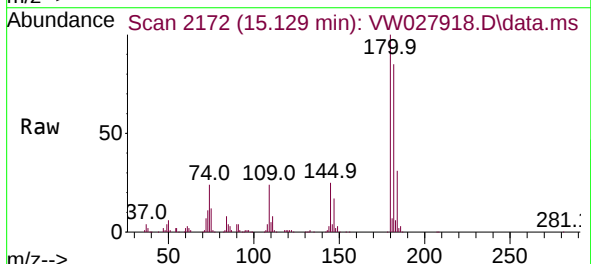


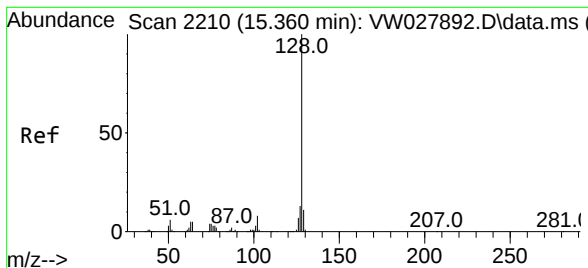
Tgt Ion:180 Resp: 140977
 Ion Ratio Lower Upper
 180 100
 182 91.1 72.6 109.0
 184 30.2 22.7 34.1
 145 28.7 22.6 34.0



#70
 1,2,4-trichlorobenzene
 Concen: 23.087 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW027918.D
 Acq: 02 Feb 2024 09:19

Tgt Ion:180 Resp: 113992
 Ion Ratio Lower Upper
 180 100
 182 96.4 69.4 104.2
 145 29.1 23.4 35.2





#71

Naphthalene

Concen: 23.200 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

Instrument :

MSVOA_W

ClientSampleId :

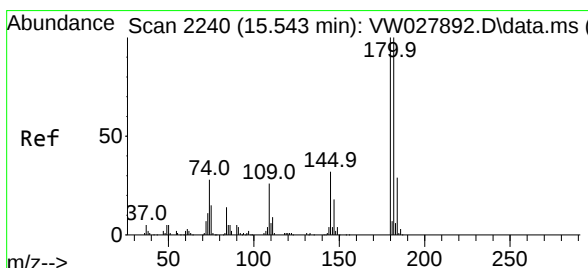
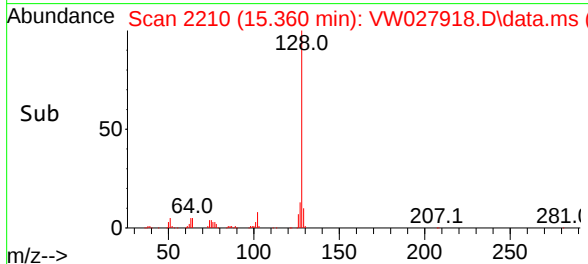
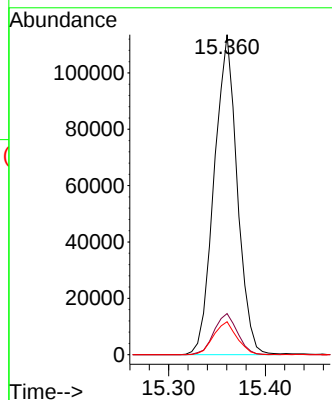
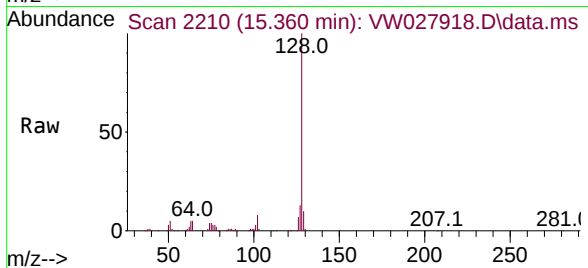
Tgt Ion:128 Resp: 188170

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.858 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027918.D

Acq: 02 Feb 2024 09:19

Tgt Ion:180 Resp: 99067

Ion Ratio Lower Upper

180 100

182 92.7 74.7 112.1

145 31.1 25.0 37.6

