

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
 Data File : VW027359.D
 Acq On : 19 Oct 2023 19:36
 Operator : SY/MD
 Sample : 04953-10MSD
 Misc : 4.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 02:53:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 20 02:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	410562	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	299266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	100278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	122646	19.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.280%
7) Chloroethane-d5	2.899	69	94586	21.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.080%
11) 1,1-Dichloroethene-d2	4.027	65	56448	17.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.920%
21) 2-Butanone-d5	7.081	46	54951	26.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.780%
24) Chloroform-d	7.654	84	236441	19.322	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.280%
26) 1,2-Dichloroethane-d4	8.306	65	135717	20.647	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	8.276	84	468417	23.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	9.276	67	150967	24.411	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	10.324	98	357561	19.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.880%
43) trans-1,3-Dichloroprop...	10.574	79	50427	17.884	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.520%
47) 2-Hexanone-d5	10.922	63	44017	34.401	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104751	22.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	60575	16.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	97350	19.928	ug/L	98
3) Chloromethane	2.228	50	128014	22.803	ug/L	100
5) Vinyl chloride	2.381	62	141223	22.521	ug/L	99
6) Bromomethane	2.795	94	66353	18.577	ug/L	97
8) Chloroethane	2.935	64	82942	22.978	ug/L	96
9) Trichlorofluoromethane	3.271	101	102154	23.091	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	97548	17.609	ug/L	96
12) 1,1-Dichloroethene	4.039	96	108092	20.078	ug/L	98
13) Acetone	4.130	43	77223	42.931	ug/L	96
14) Carbon disulfide	4.393	76	276393	16.561	ug/L	99
16) Methylene chloride	4.917	84	147643	19.646	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	113210	19.566	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	248471	24.891	ug/L	99
19) 1,1-Dichloroethane	6.221	63	258134	21.867	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	133945	20.499	ug/L	96
22) 2-Butanone	7.179	43	104027	38.637	ug/L	95
23) Bromochloromethane	7.514	128	58827	21.807	ug/L	90
25) Chloroform	7.678	83	240117	21.733	ug/L	99
27) 1,2-Dichloroethane	8.398	62	168837	22.496	ug/L	99

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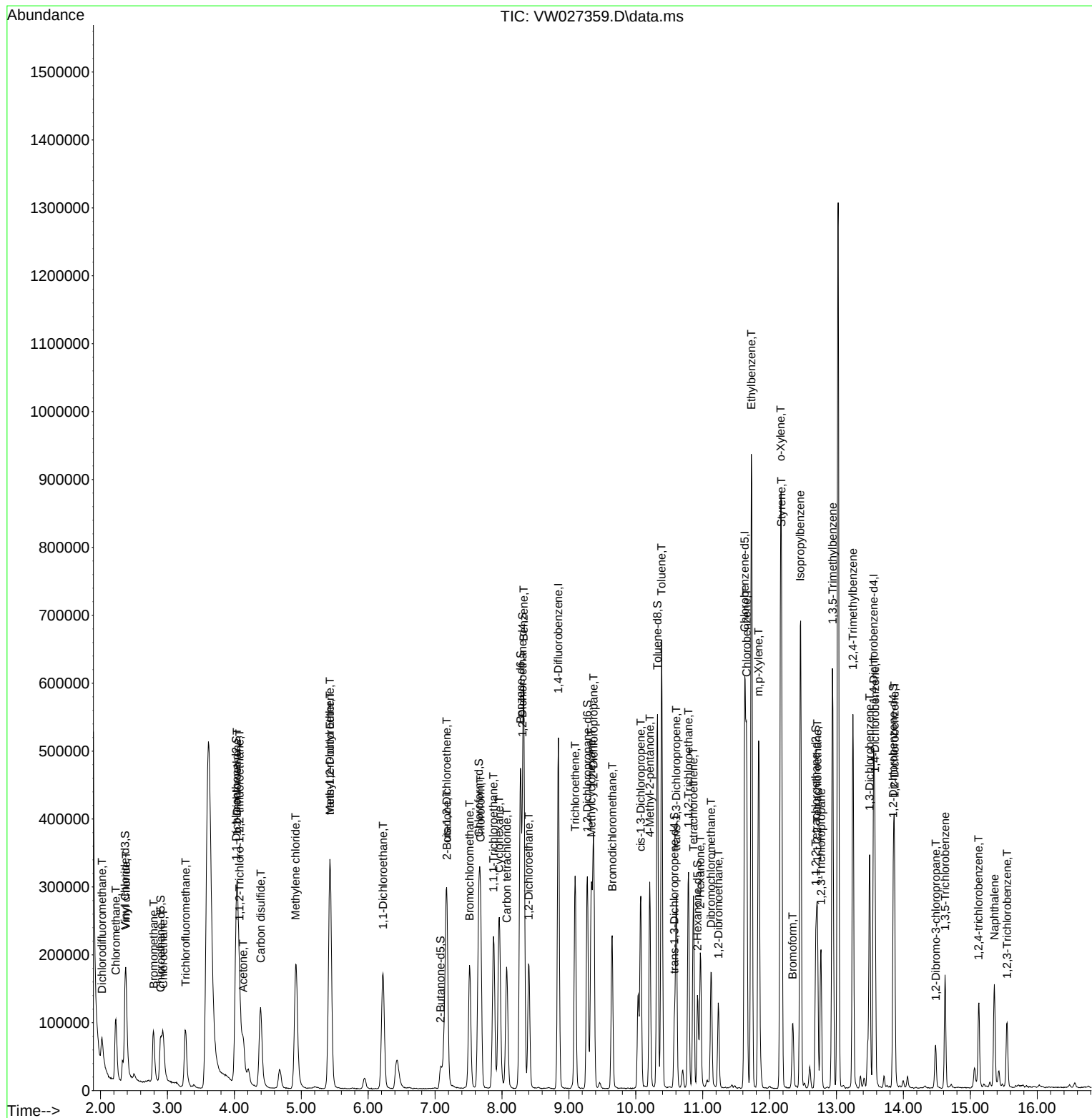
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	161359	17.758	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	187091	25.629	ug/L	98
31) Carbon tetrachloride	8.069	117	137475	20.885	ug/L	98
33) Benzene	8.325	78	500395	25.585	ug/L	100
34) Trichloroethene	9.093	95	112252	21.728	ug/L	95
35) Methylcyclohexane	9.337	83	118599	12.837	ug/L	99
37) 1,2-Dichloropropane	9.367	63	141613	26.779	ug/L	99
38) Bromodichloromethane	9.648	83	153699	23.636	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	166780	19.092	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	203445	55.940	ug/L	100
42) Toluene	10.385	91	451159	21.989	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	152450	20.683	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	97402	26.766	ug/L	96
46) Tetrachloroethene	10.861	164	60090	16.845	ug/L	87
48) 2-Hexanone	10.964	43	142409	52.905	ug/L	93
49) Dibromochloromethane	11.123	129	87002	21.528	ug/L	95
50) 1,2-Dibromoethane	11.233	107	83435	23.648	ug/L	98
51) Chlorobenzene	11.653	112	242258	18.856	ug/L	99
52) Ethylbenzene	11.727	91	481861	20.211	ug/L	98
53) m,p-Xylene	11.836	106	158895	17.571	ug/L	99
54) o-Xylene	12.166	106	155866	17.999	ug/L	97
55) Styrene	12.178	104	255500	17.276	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	108811	24.494	ug/L	96
59) Bromoform	12.342	173	41462	27.787	ug/L	99
60) Isopropylbenzene	12.458	105	381136	24.194	ug/L #	96
61) 1,2,3-Trichloropropane	12.769	75	86652	39.575	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	277590	21.125	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	268671	20.897	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	112171	17.559	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	117827	18.470	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	109047	19.237	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	16835	30.764	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	46666	11.253	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	35690	10.112	ug/L	97
71) Naphthalene	15.360	128	123735	17.047	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	29765	10.255	ug/L	93

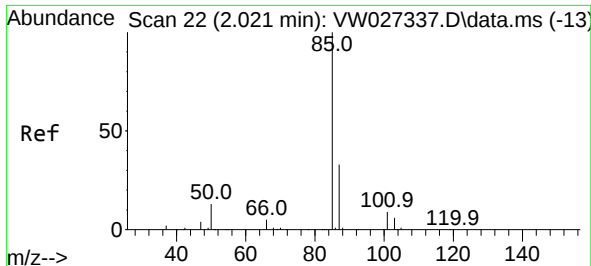
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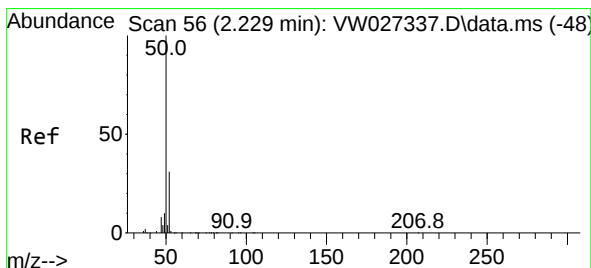
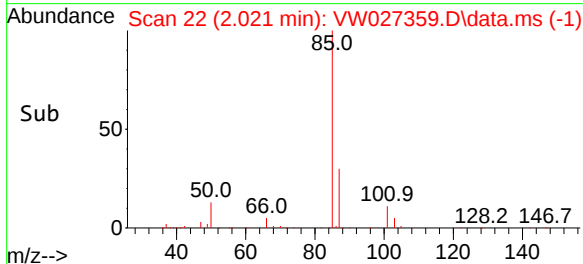
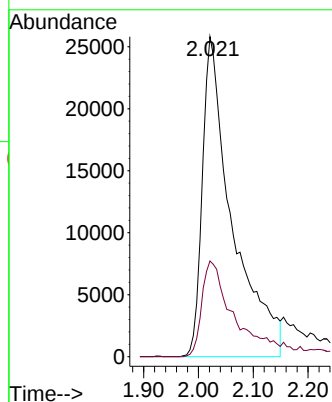
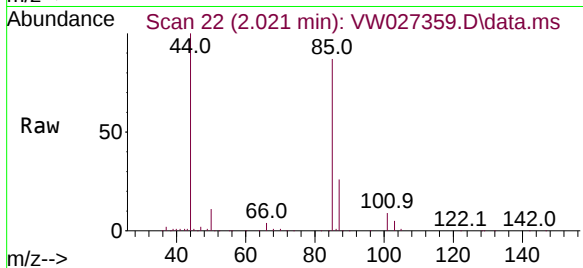




#2
 Dichlorodifluoromethane
 Concen: 19.928 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

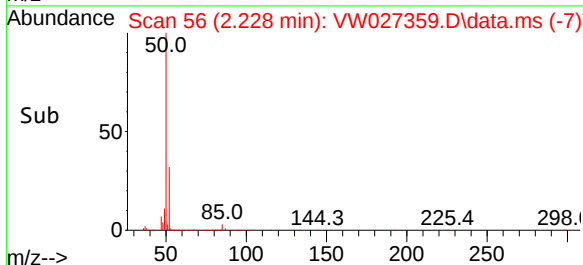
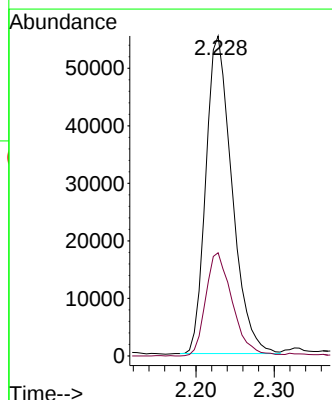
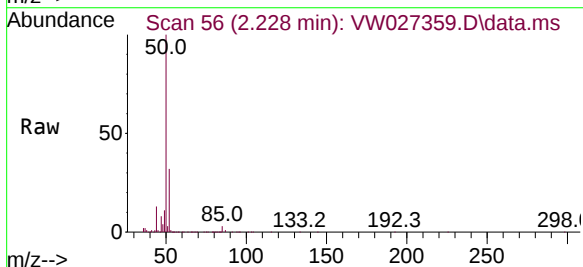
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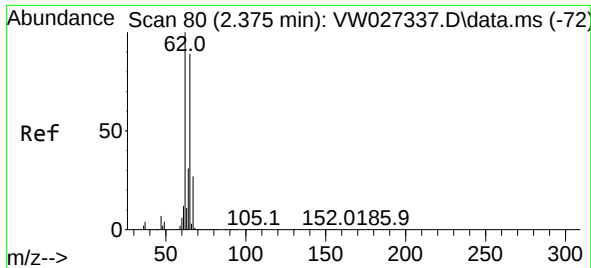
Tgt Ion: 85 Resp: 97350
 Ion Ratio Lower Upper
 85 100
 87 21.8 18.3 27.5



#3
 Chloromethane
 Concen: 22.803 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

Tgt Ion: 50 Resp: 128014
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.3

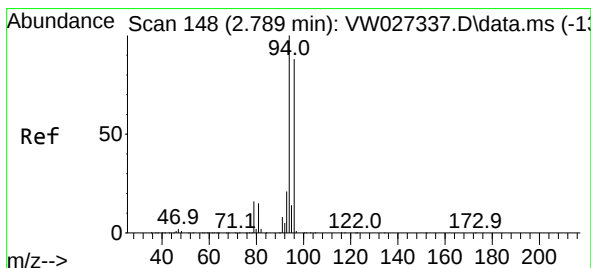
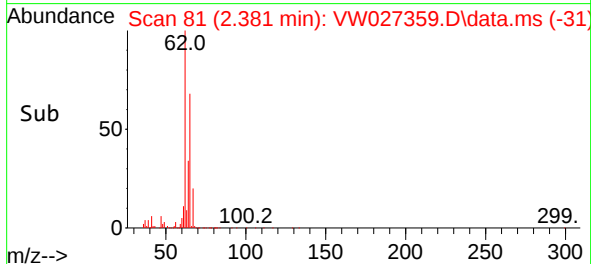
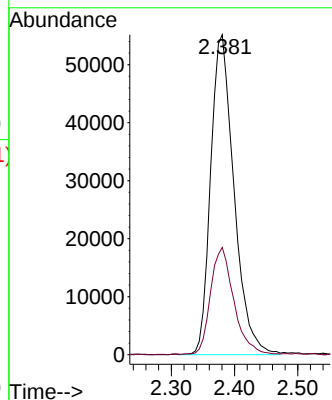
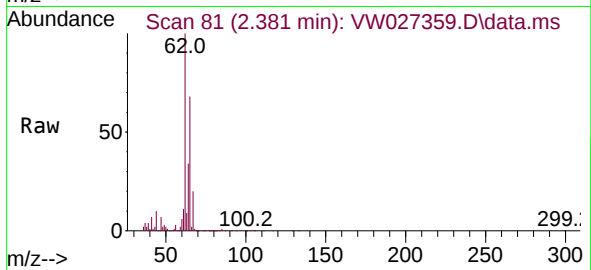




#5
 Vinyl chloride
 Concen: 22.521 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

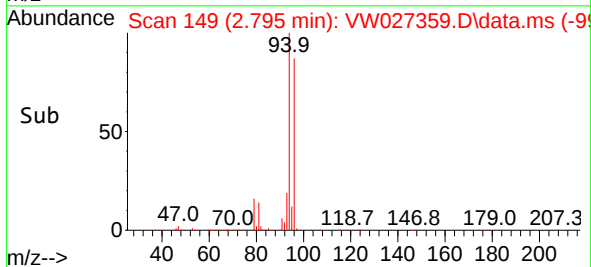
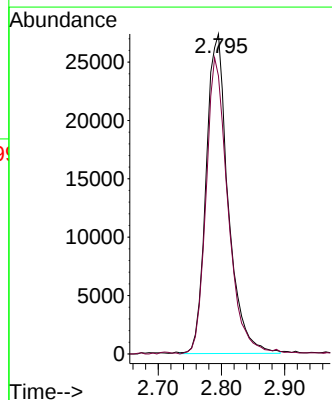
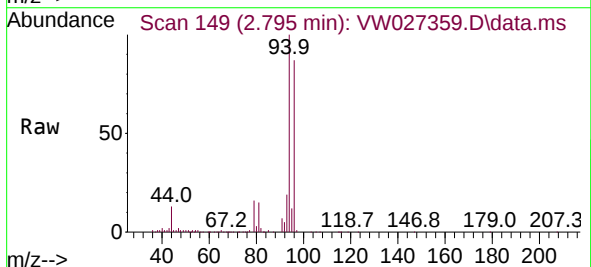
Instrument :
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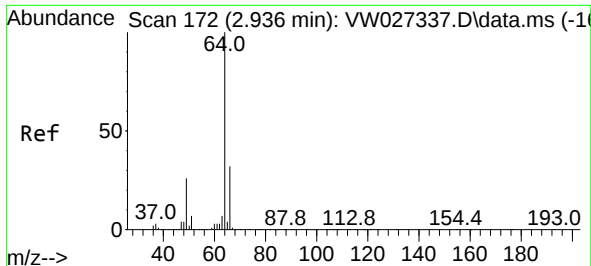
Tgt Ion: 62 Resp: 141223
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.8 44.2



#6
 Bromomethane
 Concen: 18.577 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

Tgt Ion: 94 Resp: 66353
 Ion Ratio Lower Upper
 94 100
 96 86.9 62.9 116.9

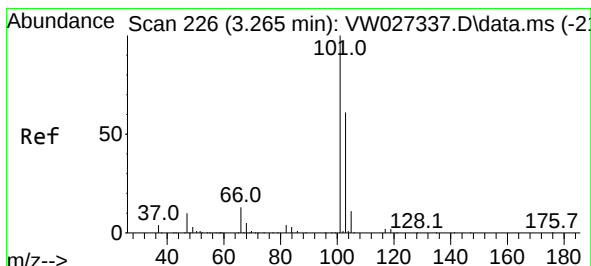
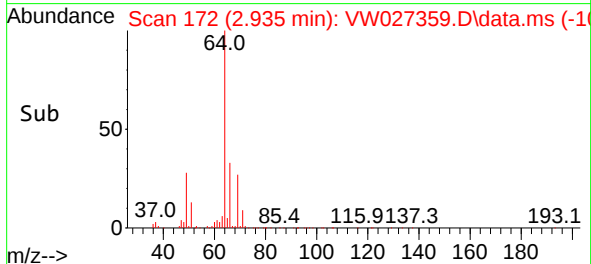
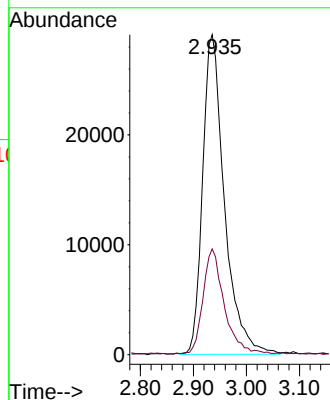
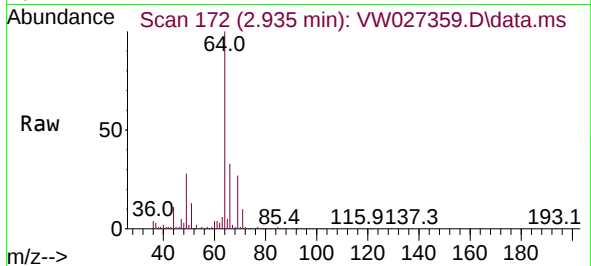




#8
Chloroethane
Concen: 22.978 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

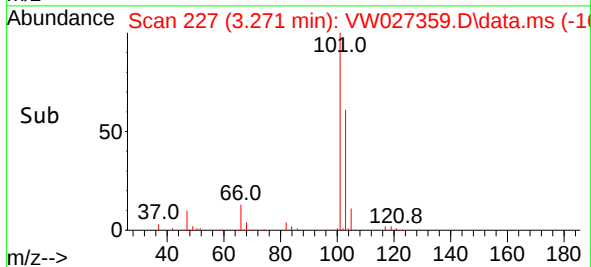
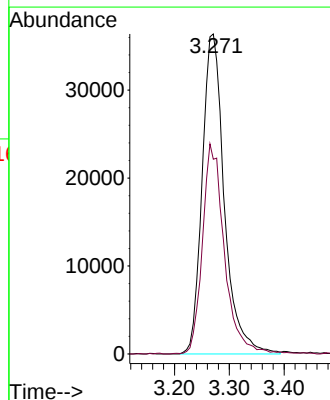
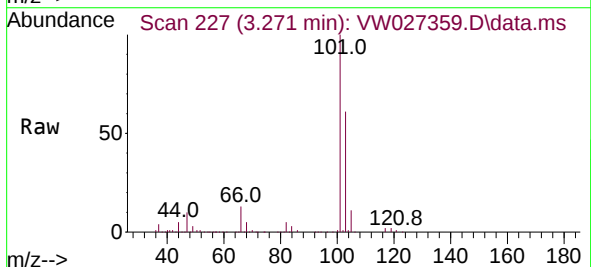
Instrument :
MSVOA_W
ClientSampleId :

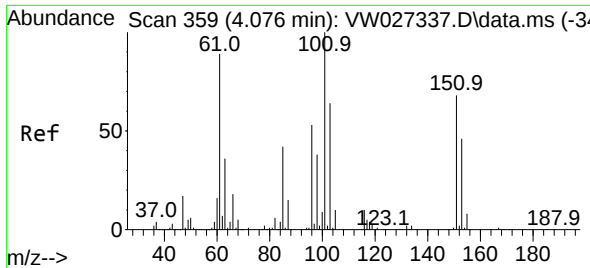
Tgt Ion: 64 Resp: 82942
Ion Ratio Lower Upper
64 100
66 33.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.091 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 101 Resp: 102154
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

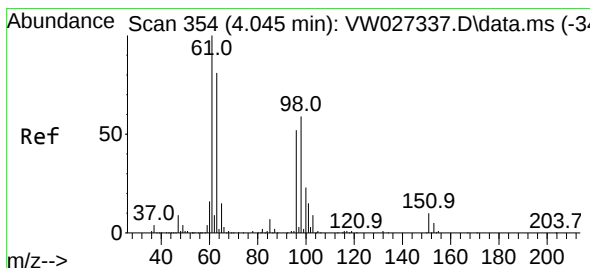
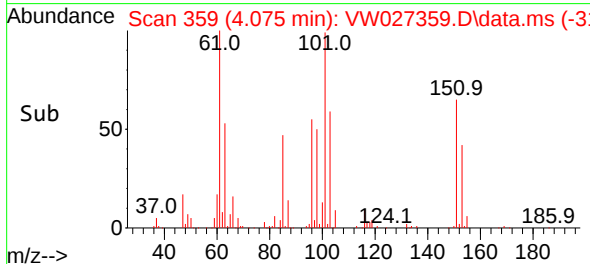
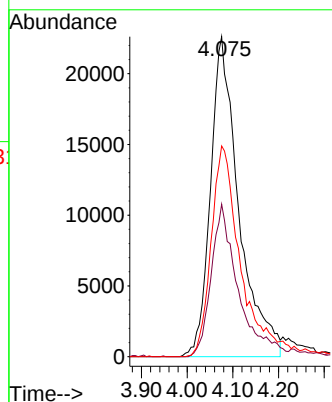
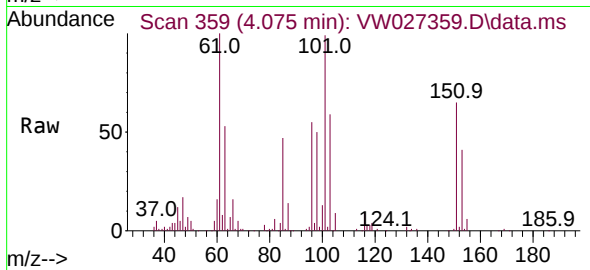




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.609 ug/L
 RT: 4.075 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

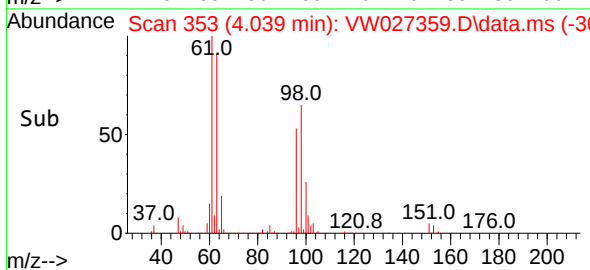
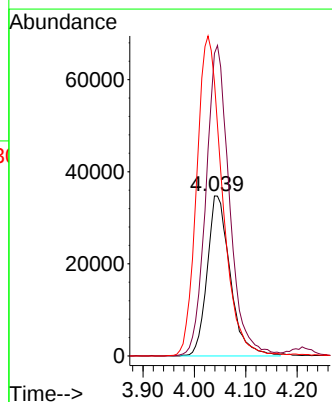
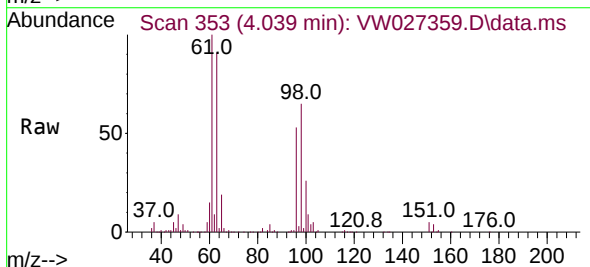
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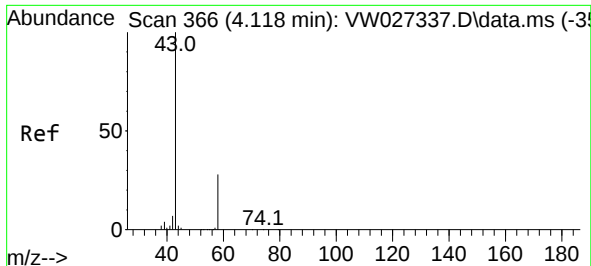
Tgt Ion:101 Resp: 97548
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.1 51.1
 151 57.4 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 20.078 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027359.D
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Tgt Ion: 96 Resp: 108092
 Ion Ratio Lower Upper
 96 100
 61 189.1 133.3 247.5
 63 171.3 115.8 215.2

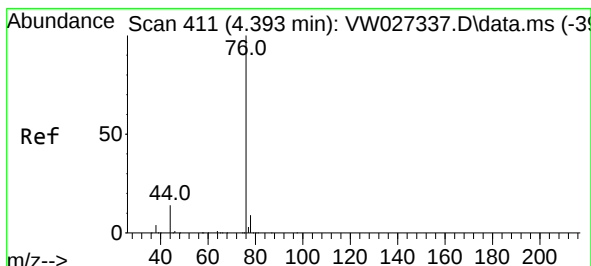
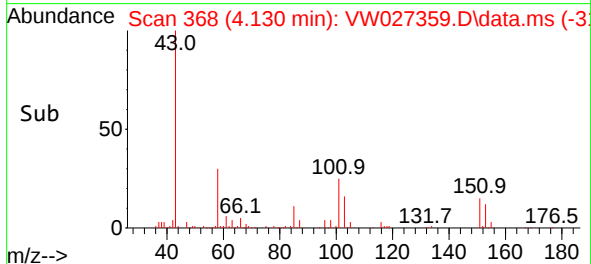
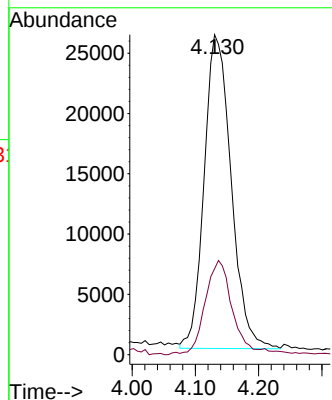
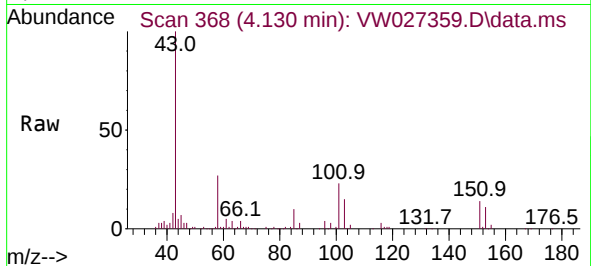




#13
Acetone
Concen: 42.931 ug/L
RT: 4.130 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

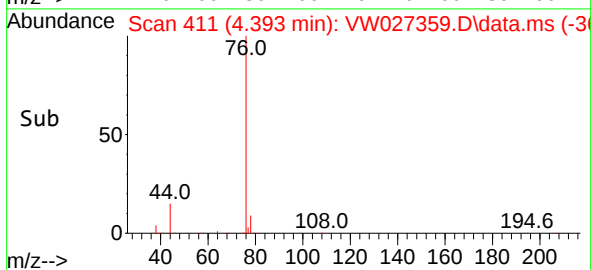
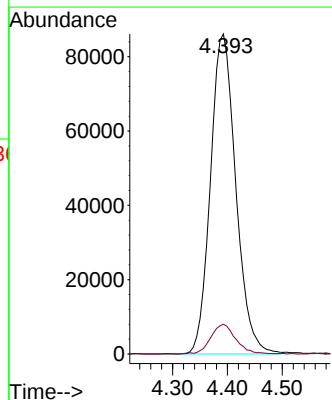
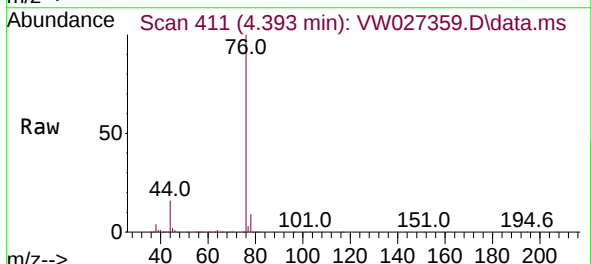
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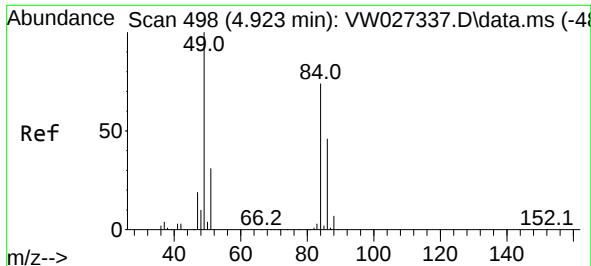
Tgt Ion: 43 Resp: 77223
Ion Ratio Lower Upper
43 100
58 28.5 0.0 60.8



#14
Carbon disulfide
Concen: 16.561 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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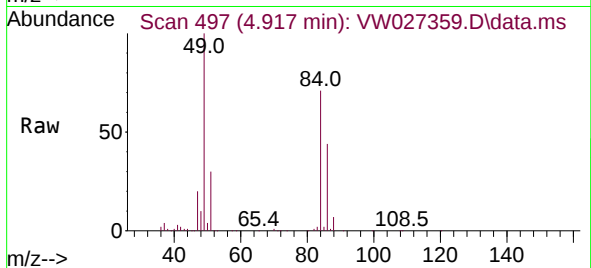
Tgt Ion: 76 Resp: 276393
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



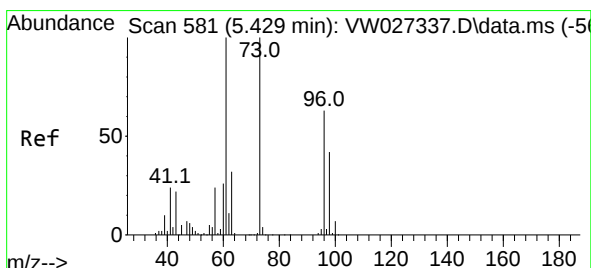
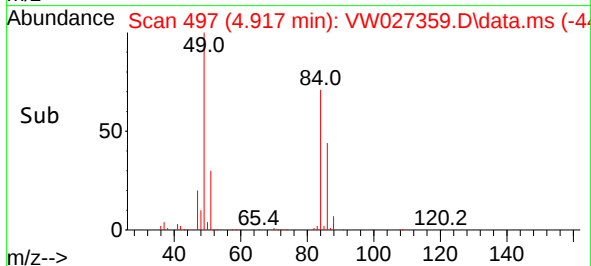
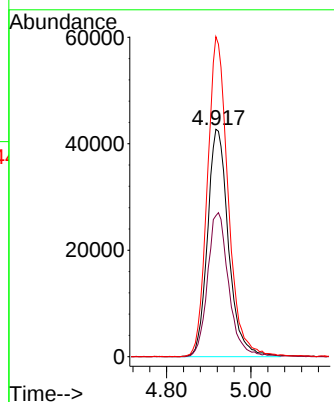


#16
Methylene chloride
Concen: 19.646 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Instrument :
MSVOA_W
ClientSampleId :

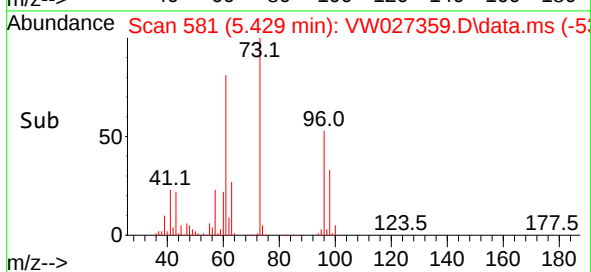
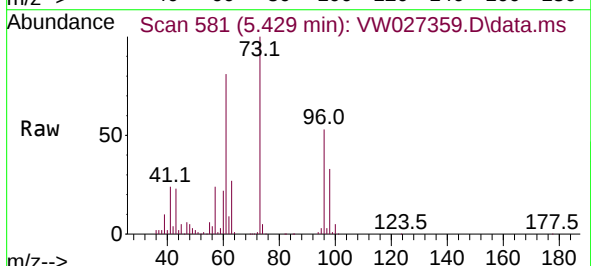
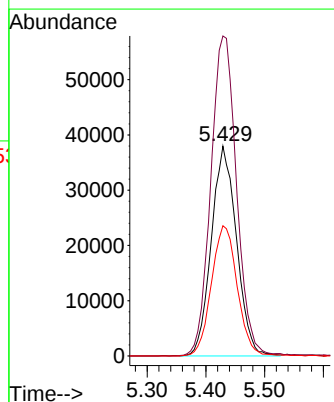


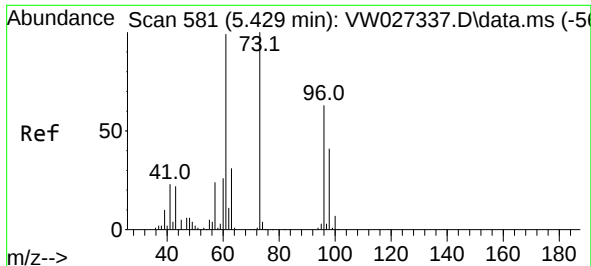
Tgt Ion: 84 Resp: 147643
Ion Ratio Lower Upper
84 100
86 62.0 41.3 76.7
49 140.8 92.8 172.4



#17
trans-1,2-Dichloroethene
Concen: 19.566 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 96 Resp: 113210
Ion Ratio Lower Upper
96 100
61 152.6 105.6 196.0
98 62.1 45.0 83.6

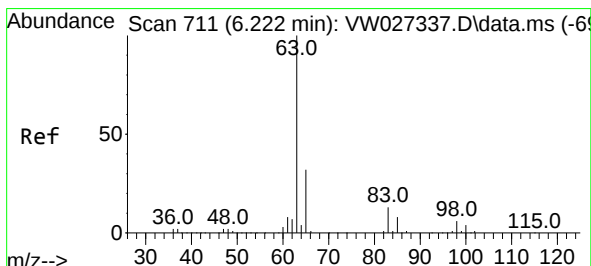
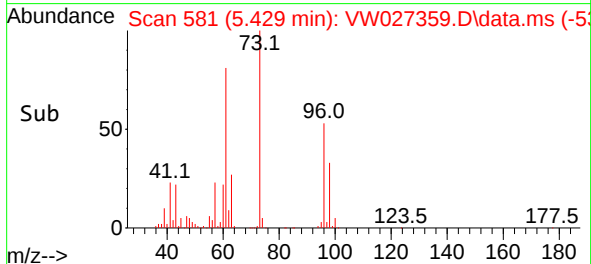
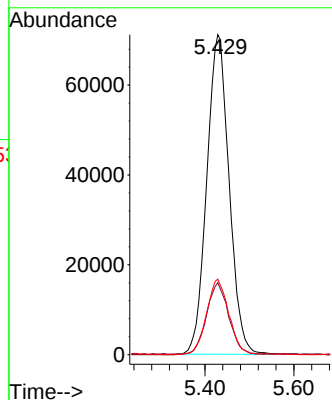
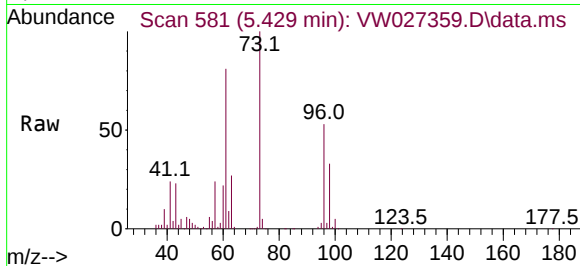




#18
Methyl tert-butyl Ether
Concen: 24.891 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

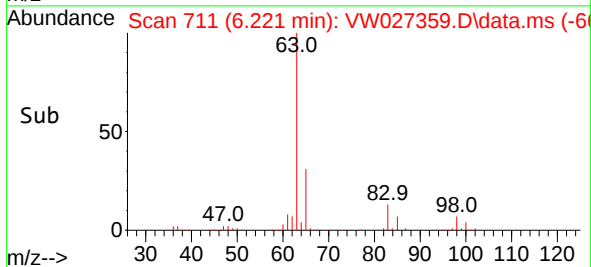
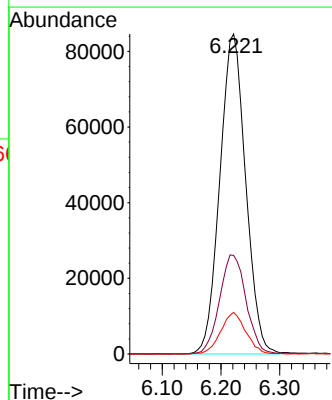
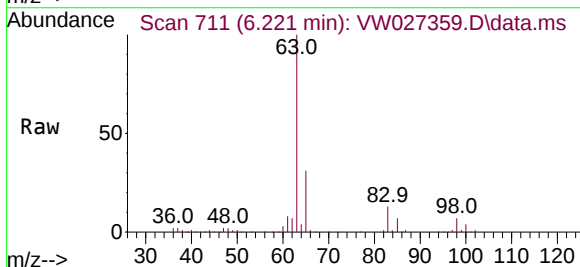
Instrument :
MSVOA_W
ClientSampleId :

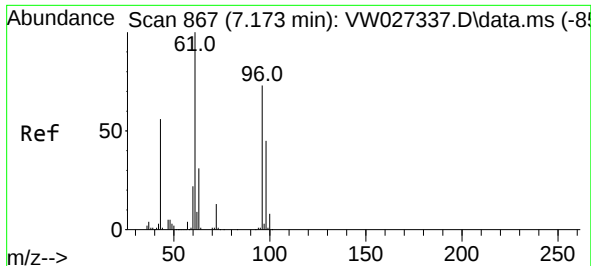
Tgt Ion: 73 Resp: 248471
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5
57 23.6 18.5 27.7



#19
1,1-Dichloroethane
Concen: 21.867 ug/L
RT: 6.221 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

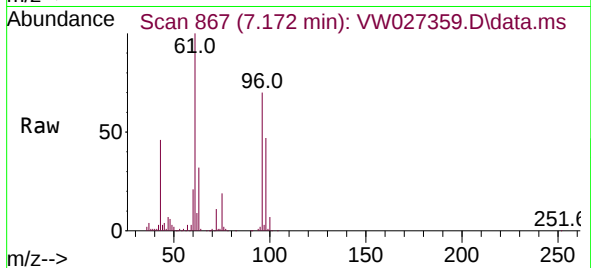
Tgt Ion: 63 Resp: 258134
Ion Ratio Lower Upper
63 100
65 30.8 22.9 42.5
83 13.0 9.6 17.8





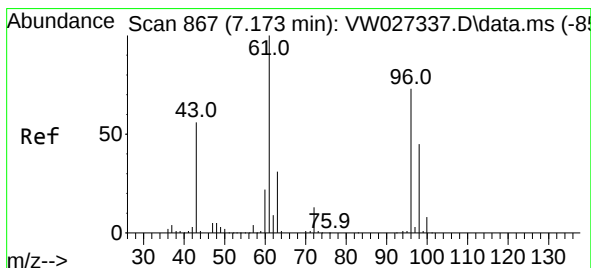
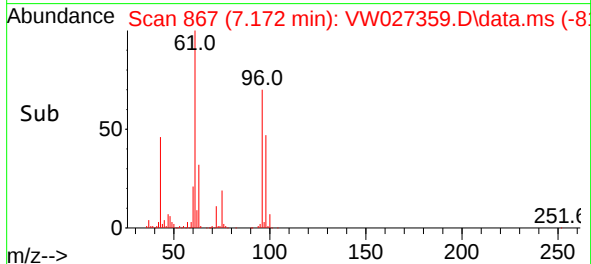
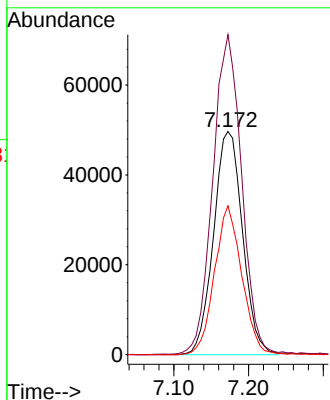
#20
 cis-1,2-Dichloroethene
 Concen: 20.499 ug/L
 RT: 7.172 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 133945

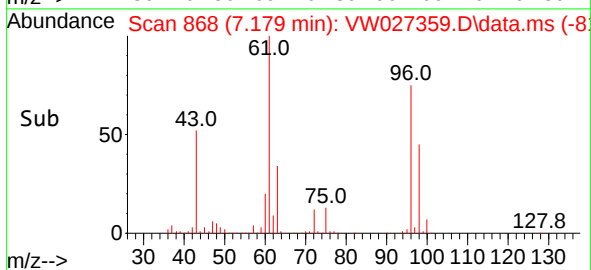
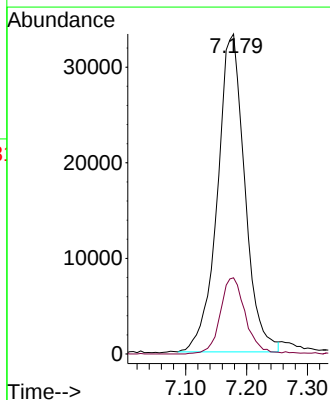
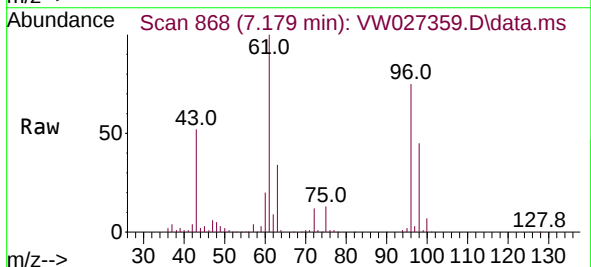
Ion	Ratio	Lower	Upper
96	100		
61	143.3	96.2	178.8
98	66.7	46.0	85.4

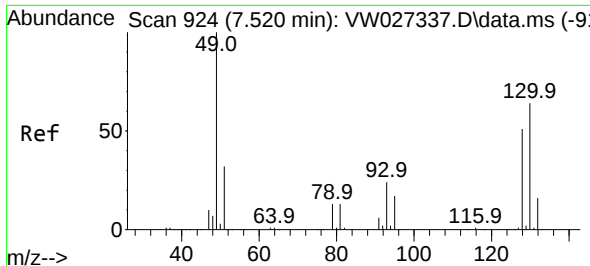


#22
 2-Butanone
 Concen: 38.637 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. 0.006 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

Tgt Ion: 43 Resp: 104027

Ion	Ratio	Lower	Upper
43	100		
72	21.8	12.3	36.8

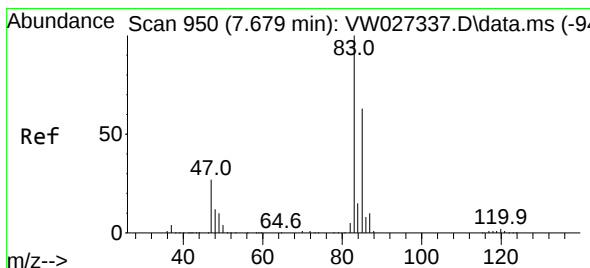
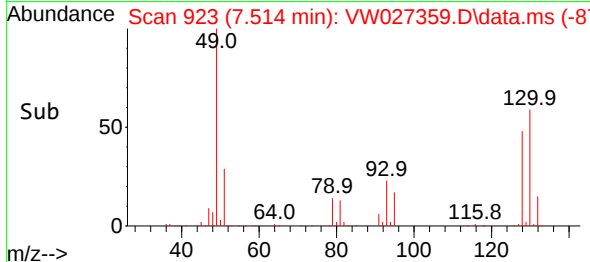
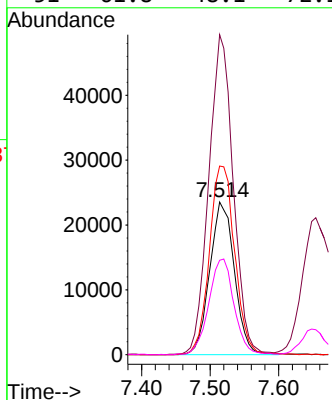
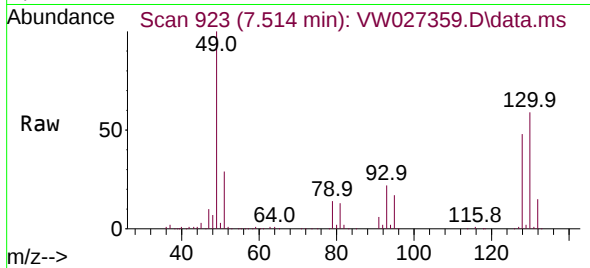




#23
Bromochloromethane
Concen: 21.807 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

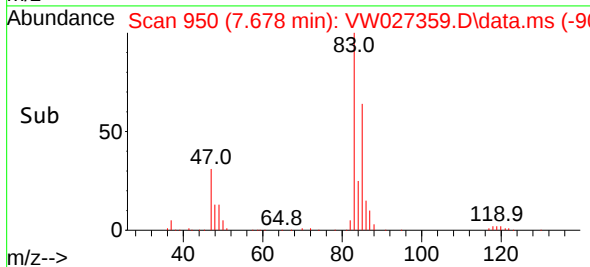
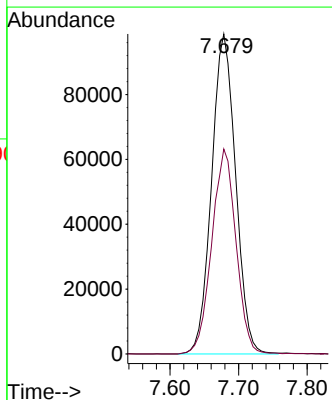
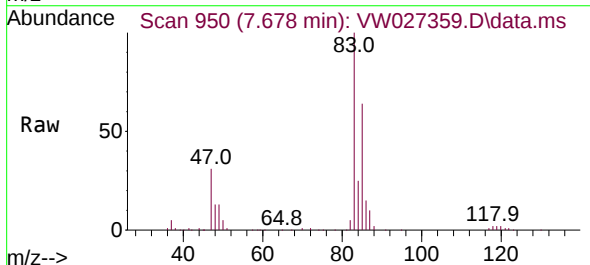
Instrument :
MSVOA_W
ClientSampleId :

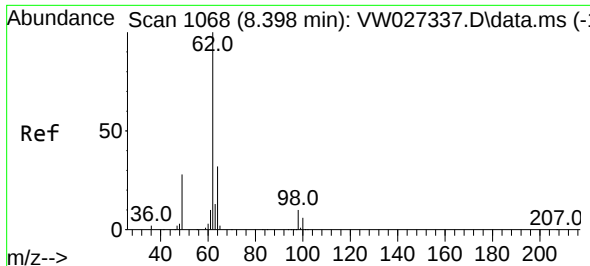
Tgt Ion:128 Resp: 58827
Ion Ratio Lower Upper
128 100
49 209.7 128.9 239.5
130 123.6 85.0 157.8
51 61.8 48.1 72.1



#25
Chloroform
Concen: 21.733 ug/L
RT: 7.678 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 83 Resp: 240117
Ion Ratio Lower Upper
83 100
85 64.1 44.1 81.9

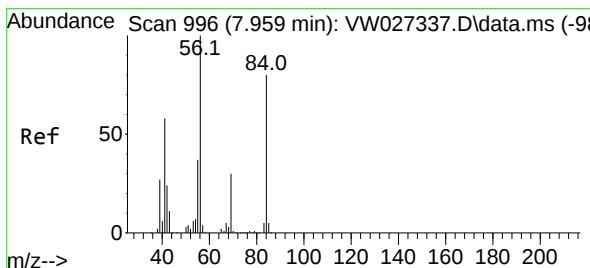
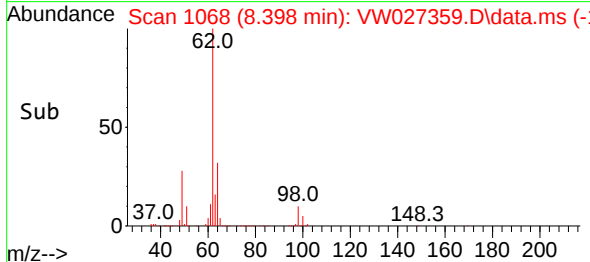
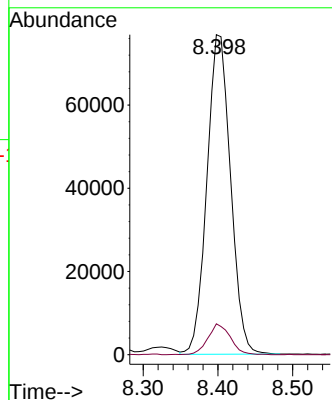
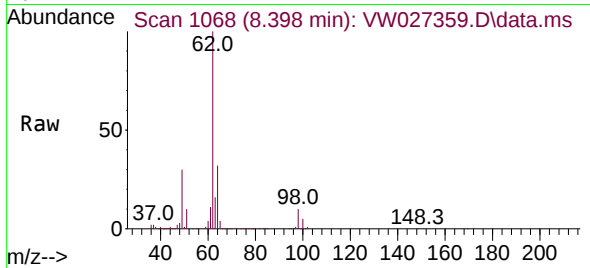




#27
1,2-Dichloroethane
Concen: 22.496 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

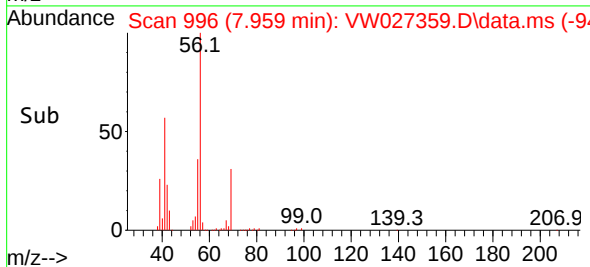
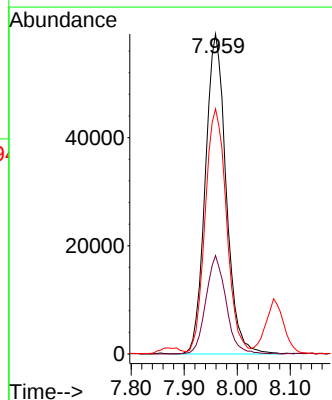
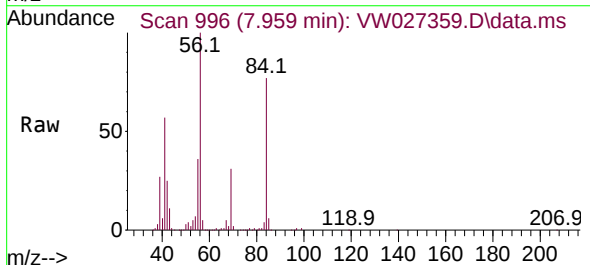
Instrument :
MSVOA_W
ClientSampleId :

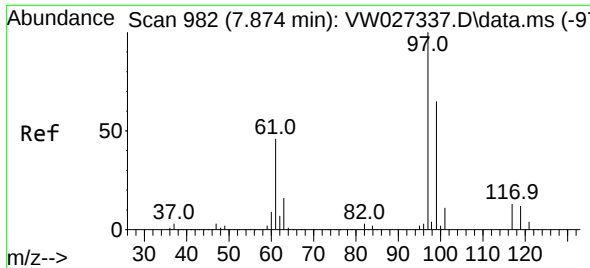
Tgt Ion: 62 Resp: 168837
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3



#29
Cyclohexane
Concen: 17.758 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 56 Resp: 161359
Ion Ratio Lower Upper
56 100
69 29.5 24.2 36.4
84 78.8 65.1 97.7

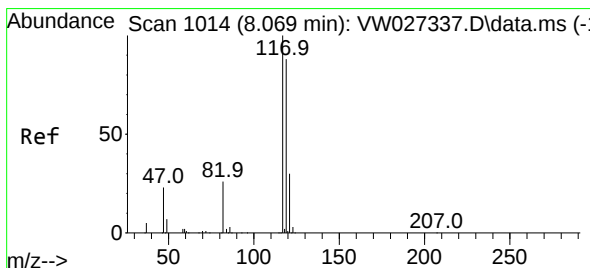
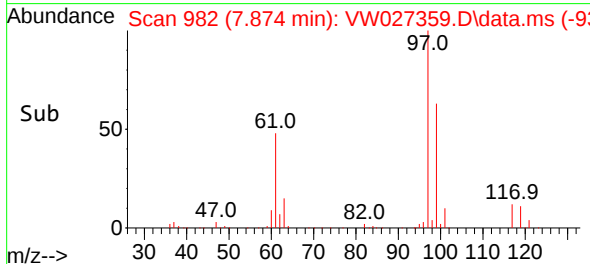
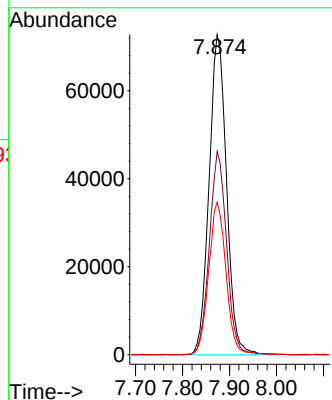
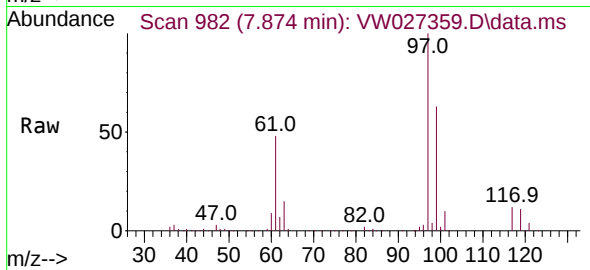




#30
1,1,1-Trichloroethane
Concen: 25.629 ug/L
RT: 7.874 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

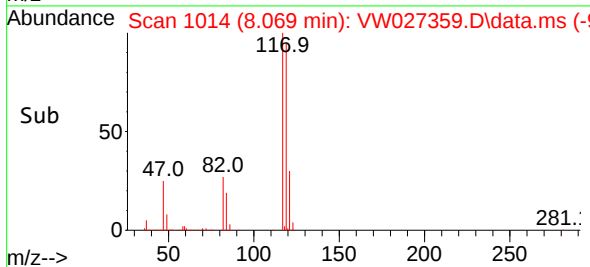
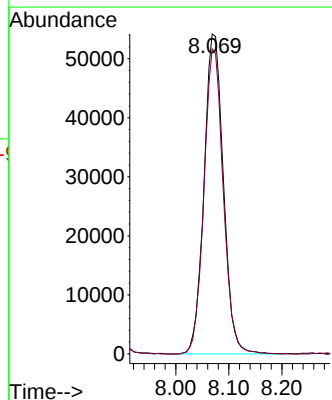
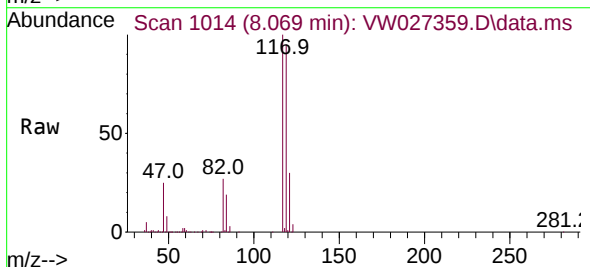
Instrument :
MSVOA_W
ClientSampleId :

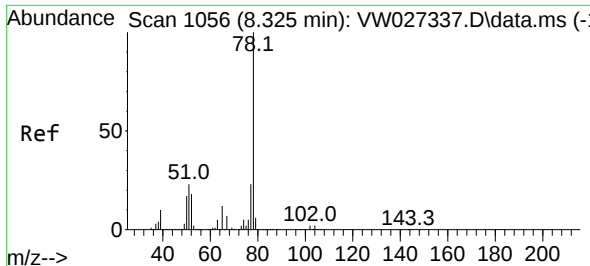
Tgt Ion: 97 Resp: 187091
Ion Ratio Lower Upper
97 100
99 62.6 51.4 77.0
61 47.3 37.4 56.0



#31
Carbon tetrachloride
Concen: 20.885 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 117 Resp: 137475
Ion Ratio Lower Upper
117 100
119 94.9 77.1 115.7





#33

Benzene

Concen: 25.585 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW027359.D

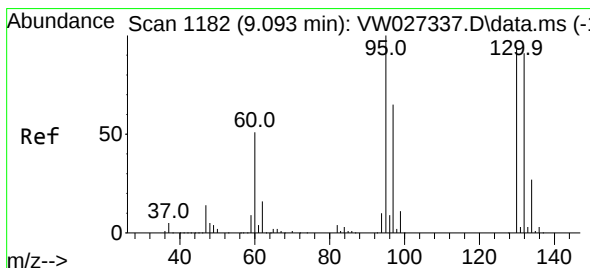
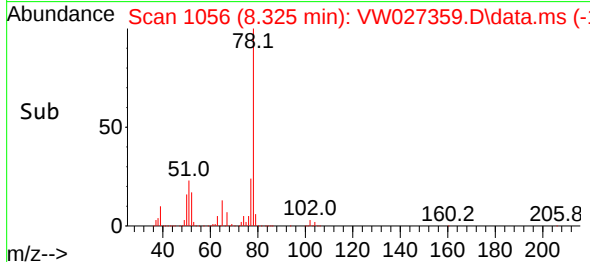
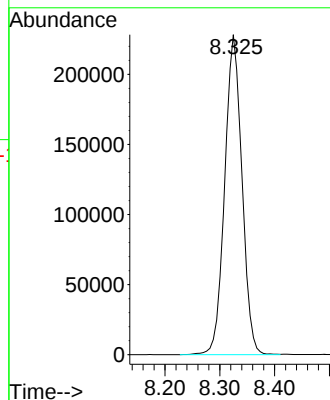
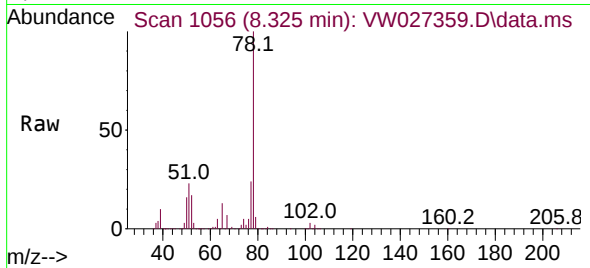
Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 500395



#34

Trichloroethene

Concen: 21.728 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Tgt Ion: 95 Resp: 112252

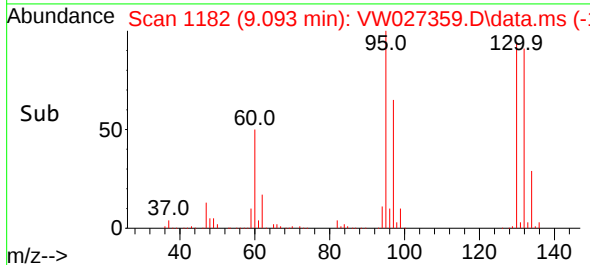
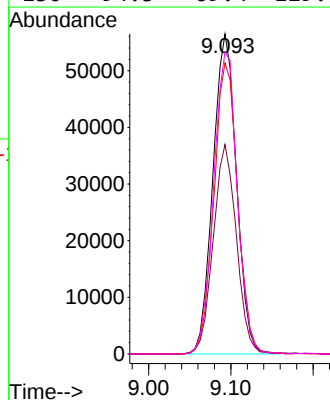
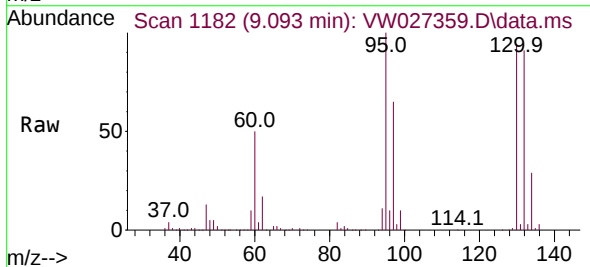
Ion Ratio Lower Upper

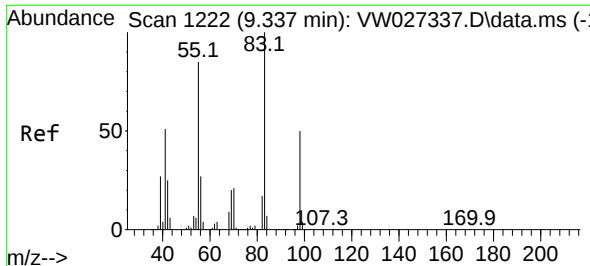
95 100

97 65.4 43.4 80.6

132 91.0 67.6 125.6

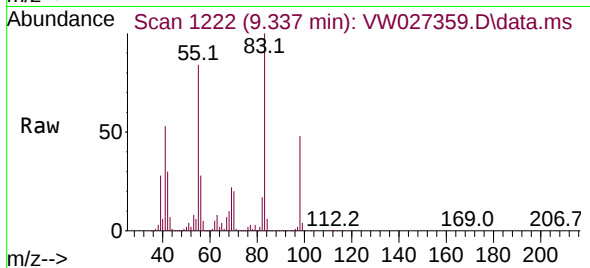
130 94.3 69.4 129.0



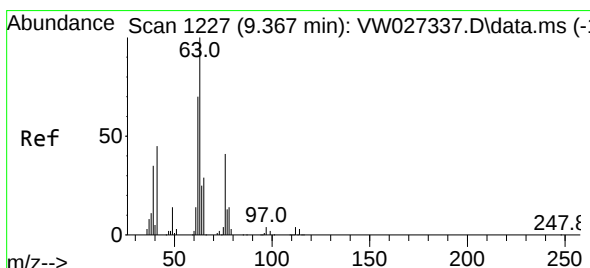
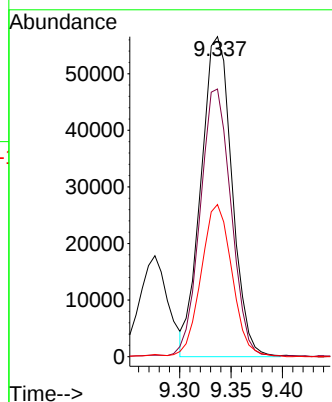
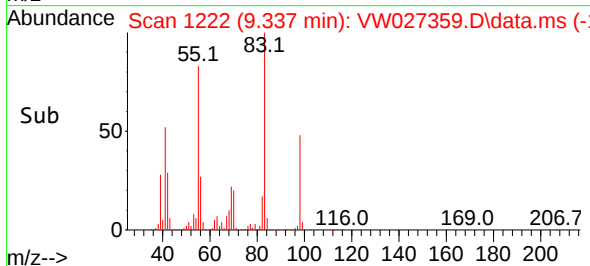


#35
Methylcyclohexane
Concen: 12.837 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Instrument :
MSVOA_W
ClientSampleId :

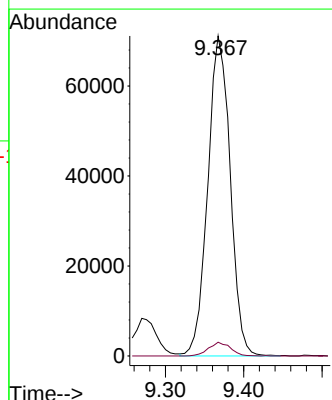
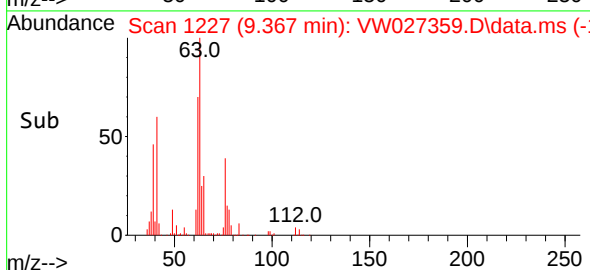
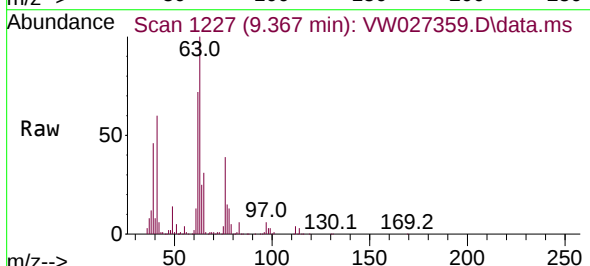


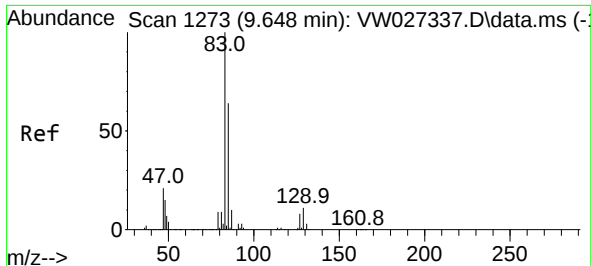
Tgt Ion: 83 Resp: 118599
Ion Ratio Lower Upper
83 100
55 83.2 65.8 98.8
98 47.4 38.1 57.1



#37
1,2-Dichloropropane
Concen: 26.779 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 63 Resp: 141613
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3

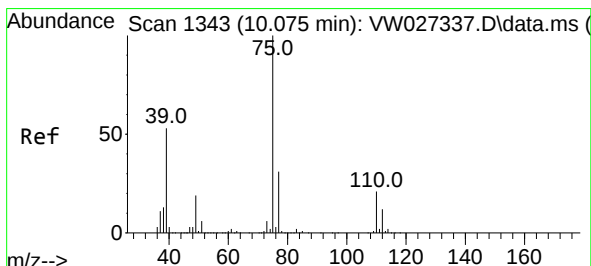
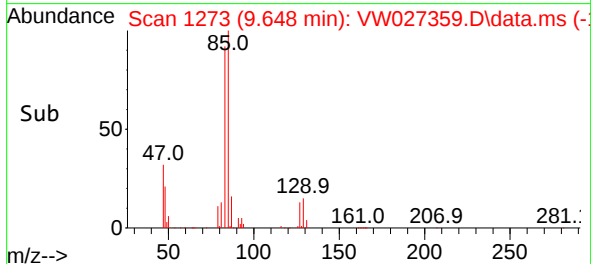
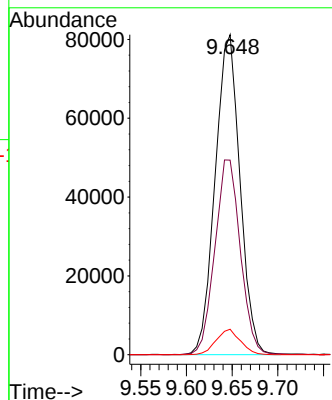
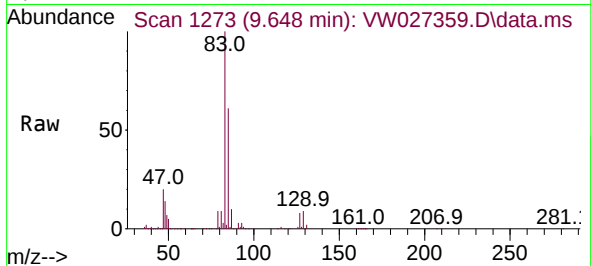




#38
Bromodichloromethane
Concen: 23.636 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

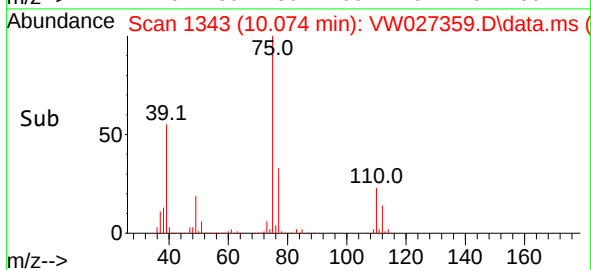
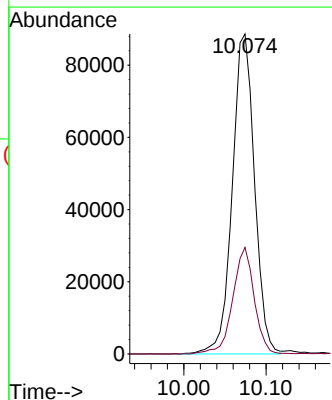
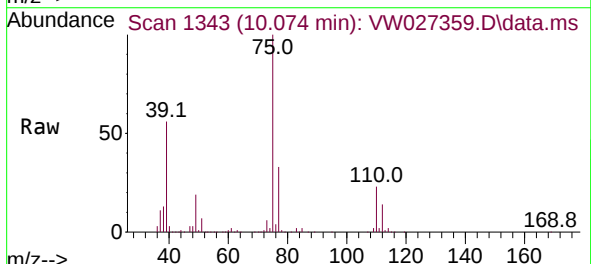
Instrument :
MSVOA_W
ClientSampleId :

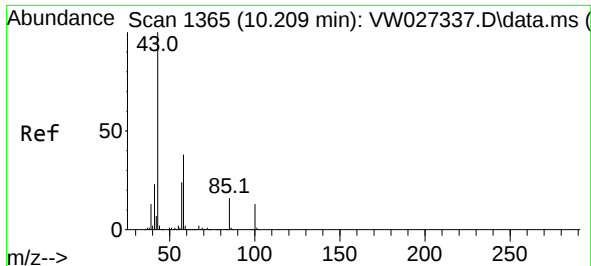
Tgt Ion: 83 Resp: 153699
Ion Ratio Lower Upper
83 100
85 60.8 43.9 81.5
127 7.9 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 19.092 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 75 Resp: 166780
Ion Ratio Lower Upper
75 100
77 33.3 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 55.940 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

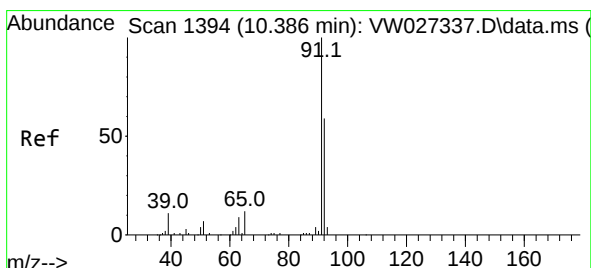
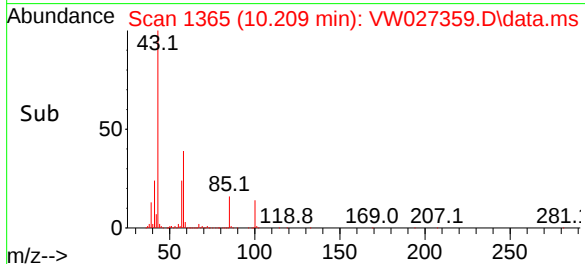
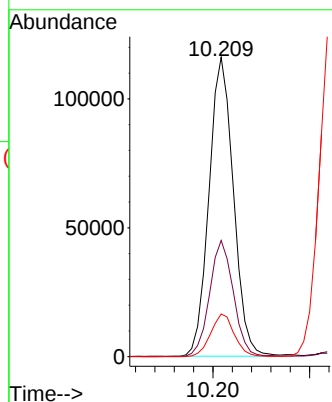
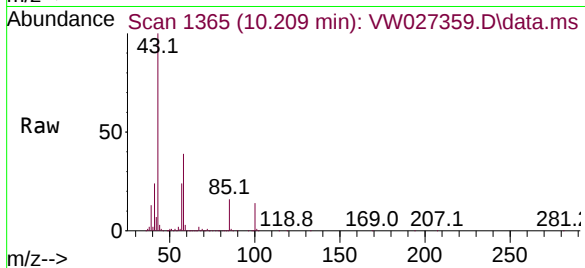
Tgt Ion: 43 Resp: 203445

Ion Ratio Lower Upper

43 100

58 38.0 30.5 45.7

100 13.9 11.5 17.3



#42

Toluene

Concen: 21.989 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027359.D

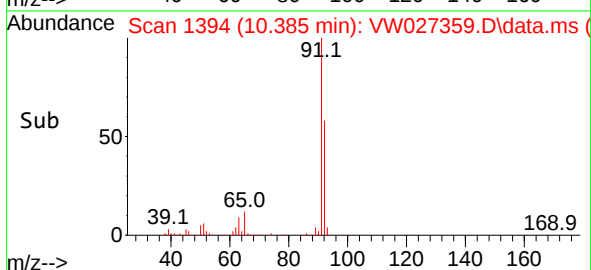
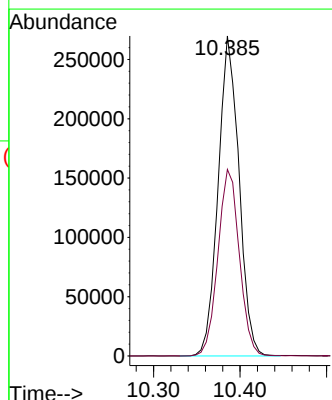
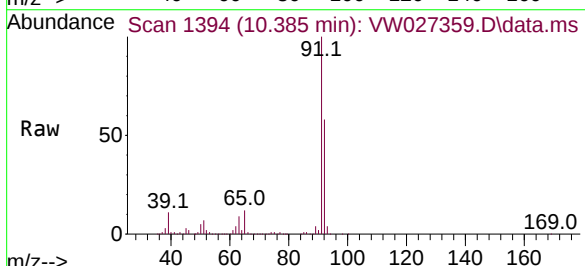
Acq: 19 Oct 2023 19:36

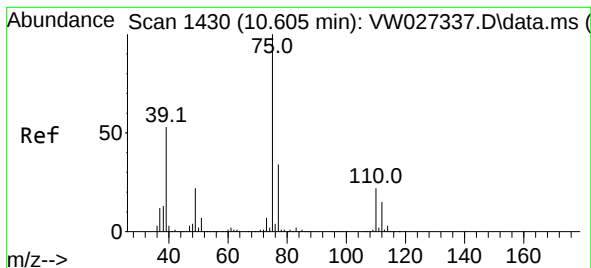
Tgt Ion: 91 Resp: 451159

Ion Ratio Lower Upper

91 100

92 58.3 42.1 78.1





#44

trans-1,3-Dichloropropene

Concen: 20.683 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

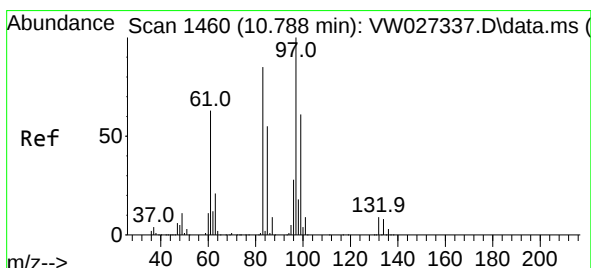
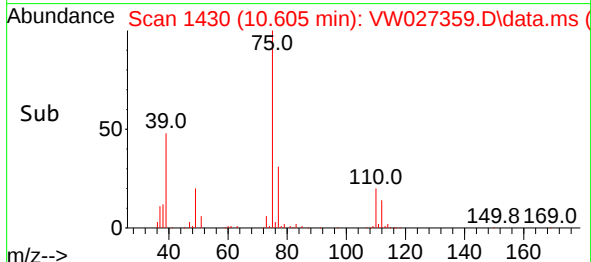
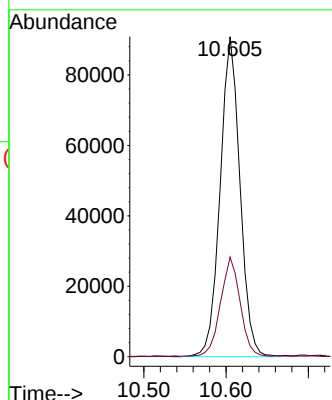
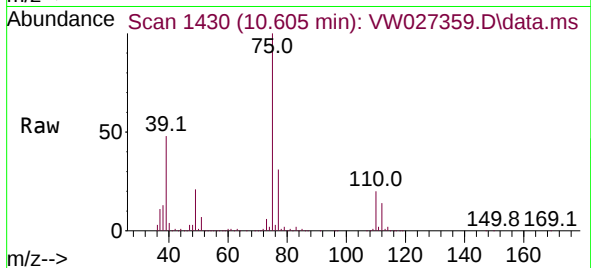
ClientSampleId :

Tgt Ion: 75 Resp: 152450

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 26.766 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Tgt Ion: 97 Resp: 97402

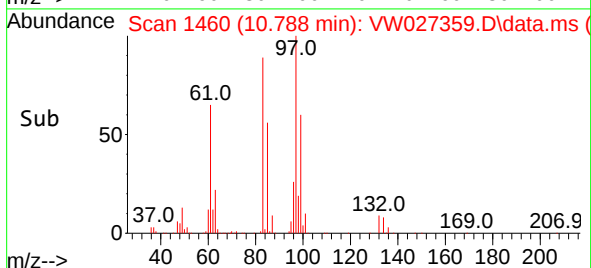
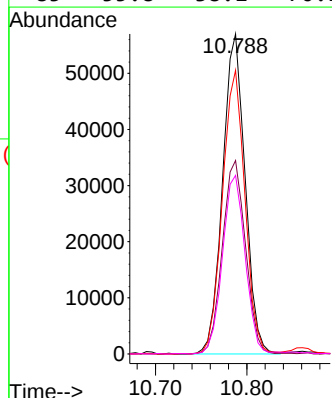
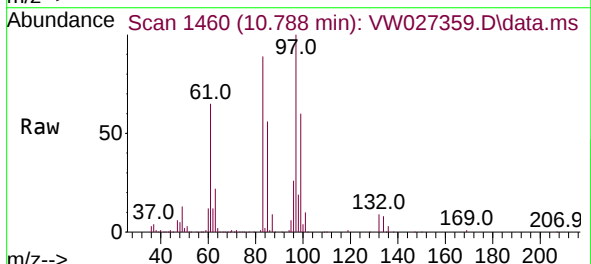
Ion Ratio Lower Upper

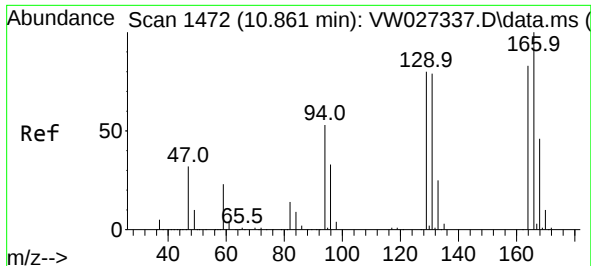
97 100

99 60.4 43.8 81.4

83 88.7 57.5 106.7

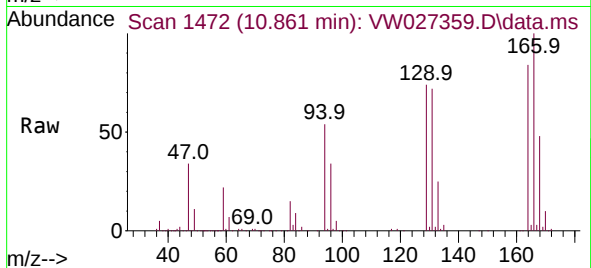
85 55.8 38.1 70.9



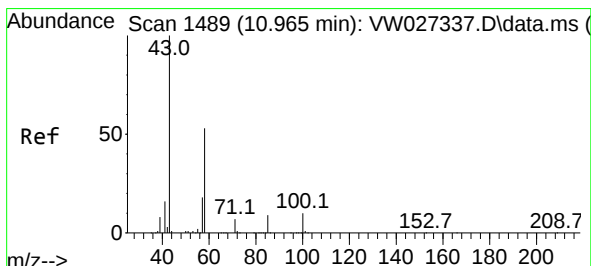
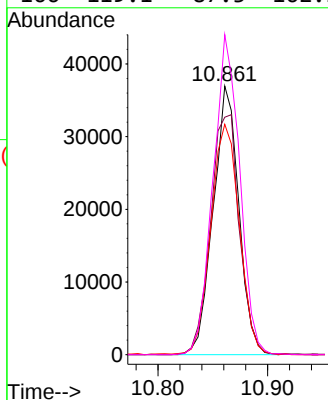
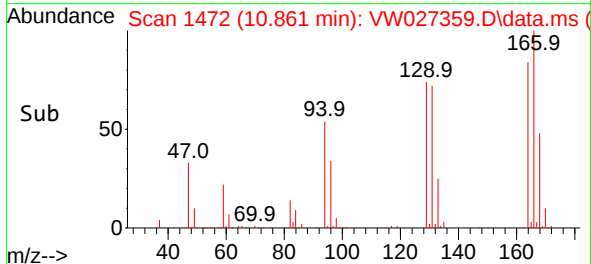


#46
Tetrachloroethene
Concen: 16.845 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

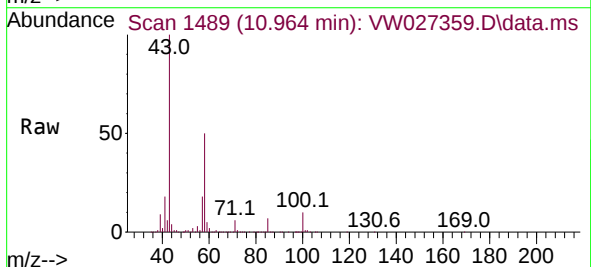
Instrument :
MSVOA_W
ClientSampleId :



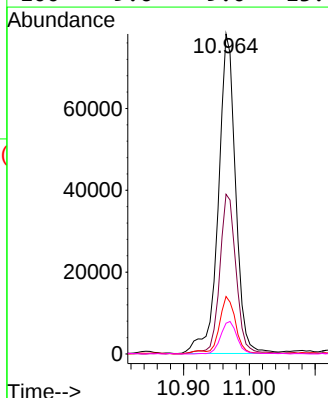
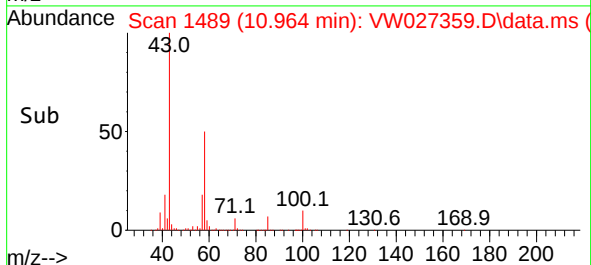
Tgt Ion:164 Resp: 60090
Ion Ratio Lower Upper
164 100
129 88.4 74.7 138.7
131 85.8 73.2 136.0
166 119.1 87.3 162.1

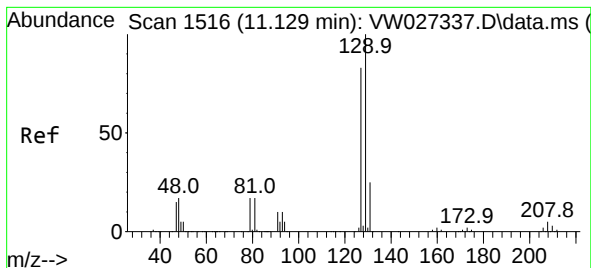


#48
2-Hexanone
Concen: 52.905 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36



Tgt Ion: 43 Resp: 142409
Ion Ratio Lower Upper
43 100
58 47.4 42.2 63.4
57 16.4 15.1 22.7
100 9.6 9.0 13.4





#49

Dibromochloromethane

Concen: 21.528 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

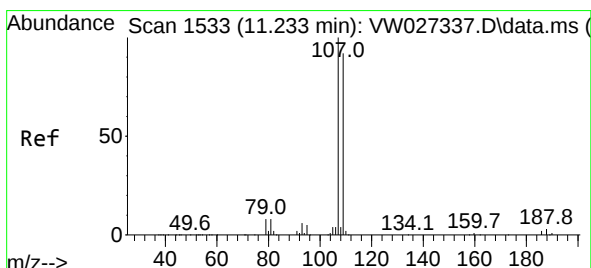
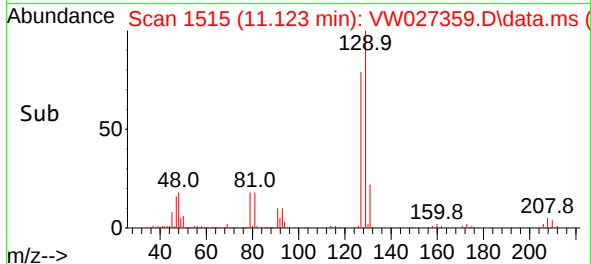
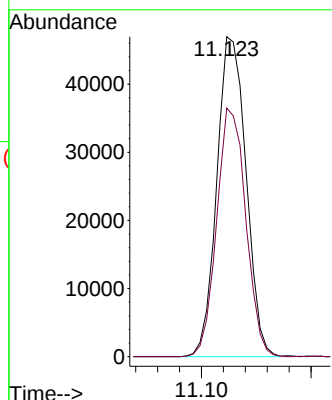
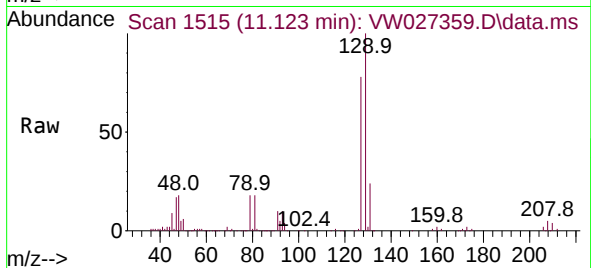
ClientSampleId :

Tgt Ion:129 Resp: 87002

Ion Ratio Lower Upper

129 100

127 77.7 51.7 95.9



#50

1,2-Dibromoethane

Concen: 23.648 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

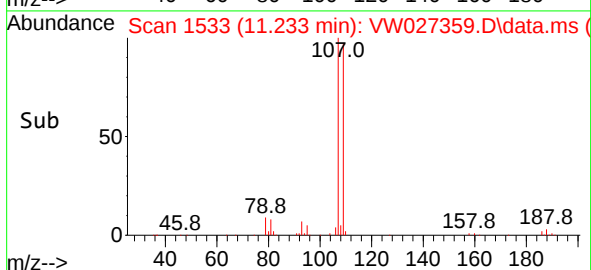
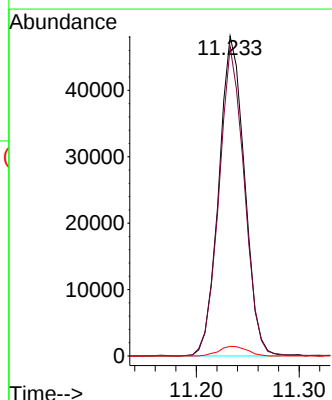
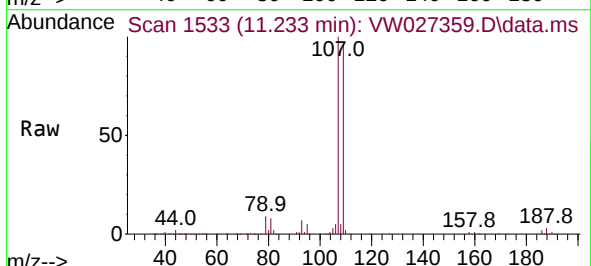
Tgt Ion:107 Resp: 83435

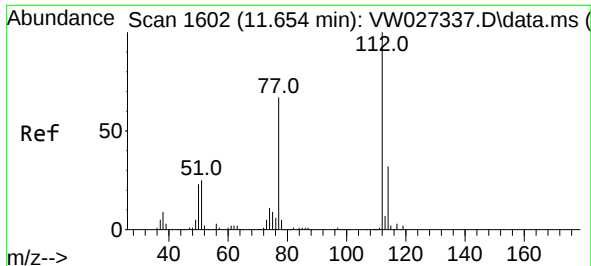
Ion Ratio Lower Upper

107 100

109 96.6 66.3 123.1

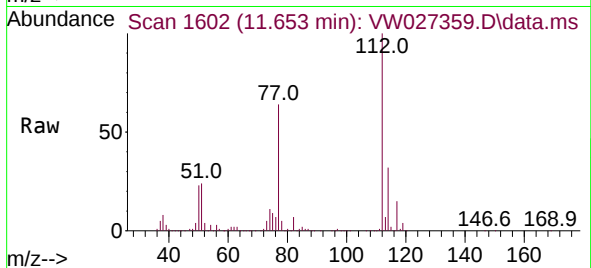
188 3.1 3.0 4.4



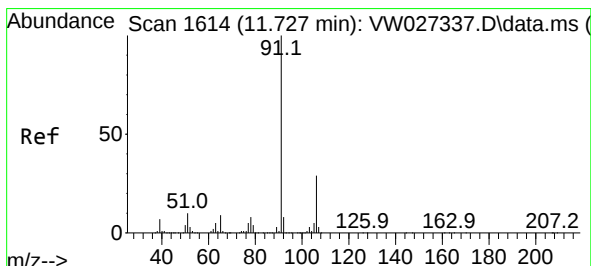
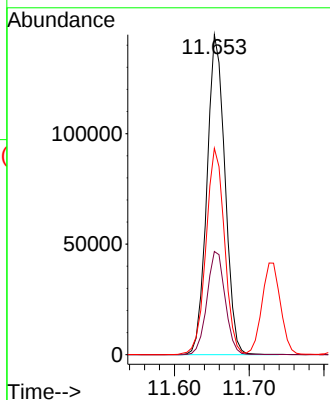
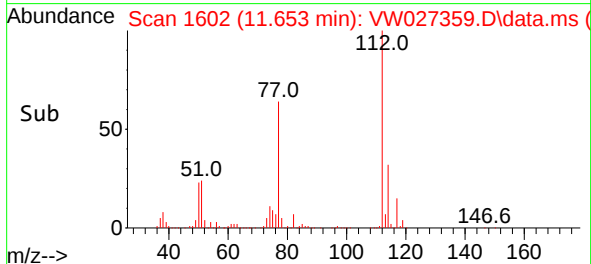


#51
Chlorobenzene
Concen: 18.856 ug/L
RT: 11.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Instrument :
MSVOA_W
ClientSampleId :

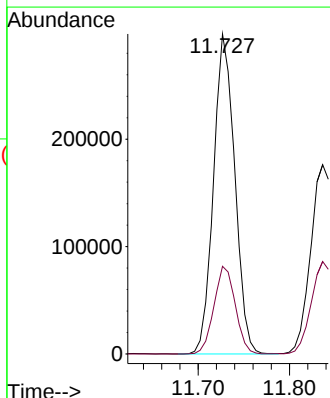
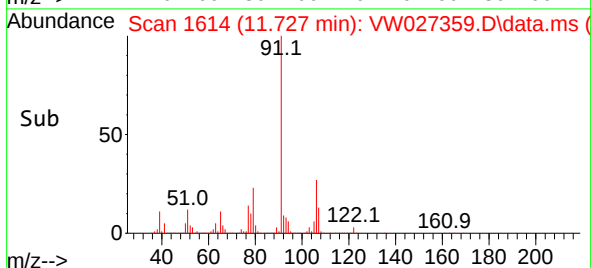
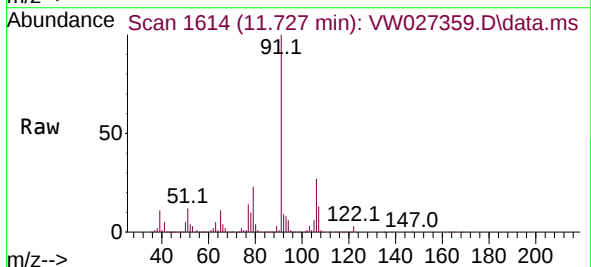


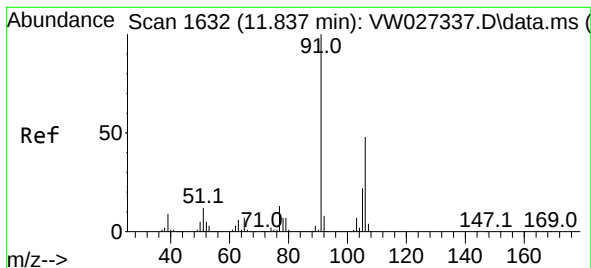
Tgt Ion:112 Resp: 242258
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.6
77 64.5 52.2 78.4



#52
Ethylbenzene
Concen: 20.211 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion: 91 Resp: 481861
Ion Ratio Lower Upper
91 100
106 27.4 19.8 36.8





#53

m,p-Xylene

Concen: 17.571 ug/L

RT: 11.836 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

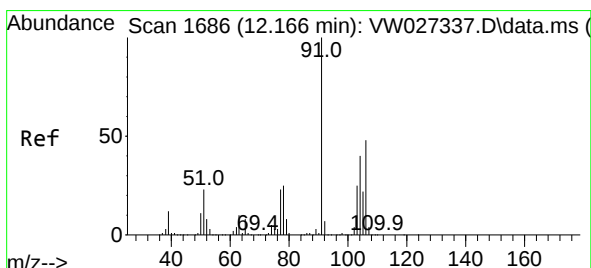
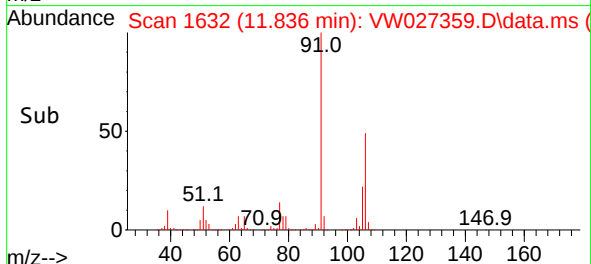
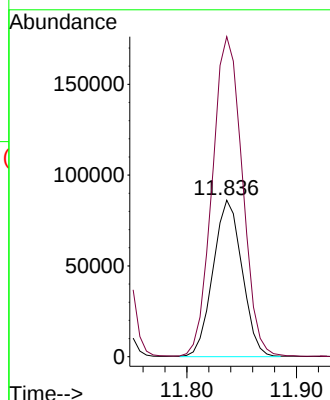
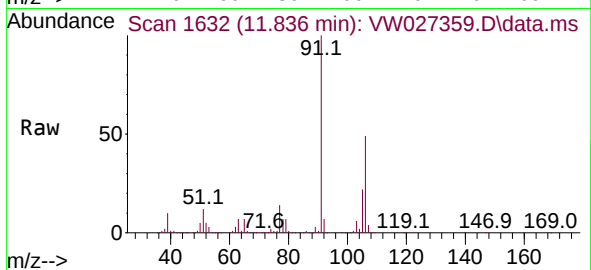
ClientSampleId :

Tgt Ion:106 Resp: 158895

Ion Ratio Lower Upper

106 100

91 204.5 144.5 268.4



#54

o-Xylene

Concen: 17.999 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW027359.D

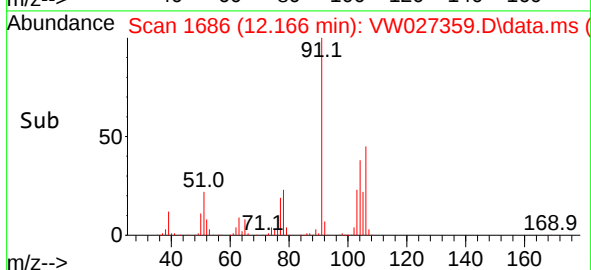
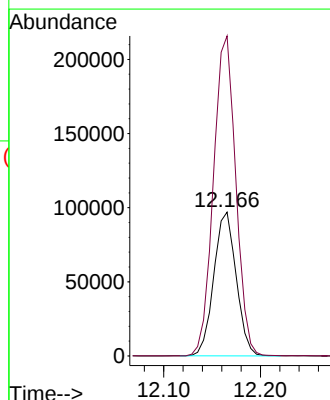
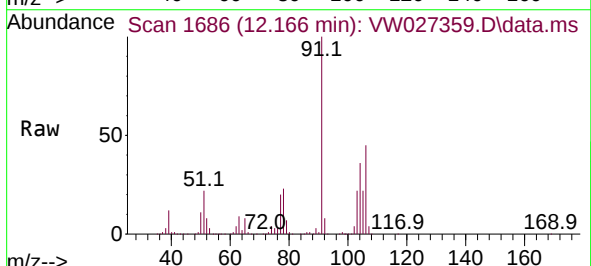
Acq: 19 Oct 2023 19:36

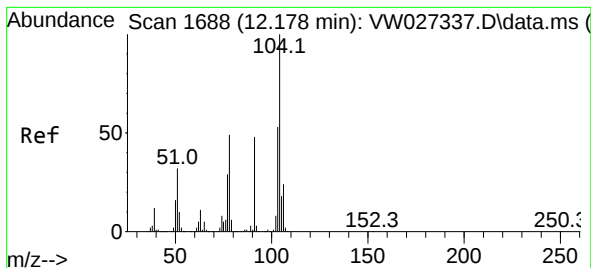
Tgt Ion:106 Resp: 155866

Ion Ratio Lower Upper

106 100

91 222.4 152.0 282.2





#55

Styrene

Concen: 17.276 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

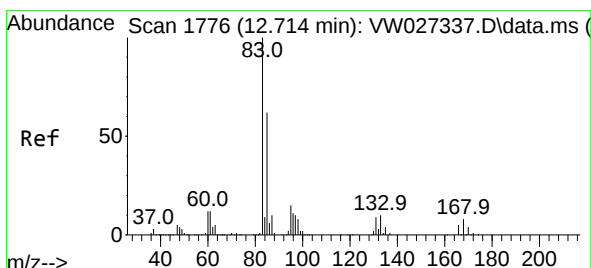
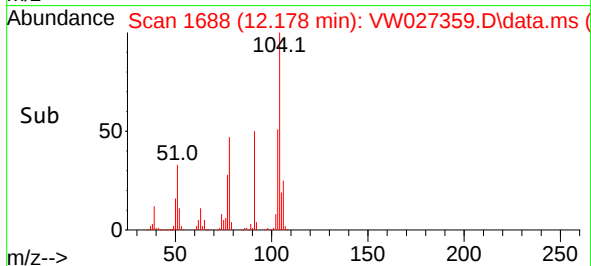
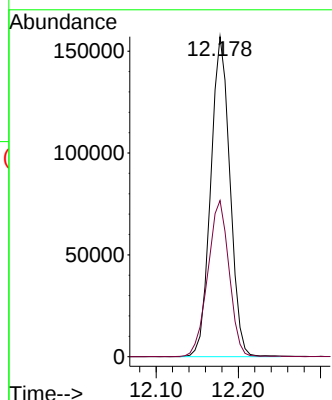
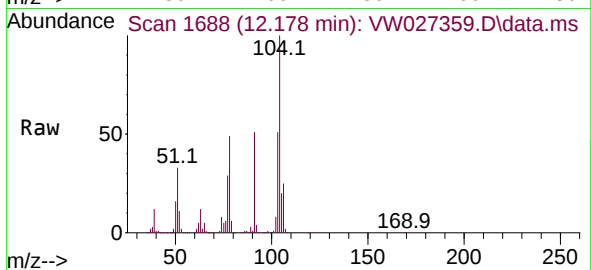
ClientSampleId :

Tgt Ion:104 Resp: 255500

Ion Ratio Lower Upper

104 100

78 48.8 33.2 61.6



#57

1,1,2,2-Tetrachloroethane

Concen: 24.494 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

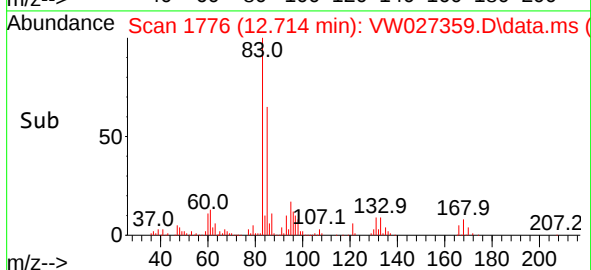
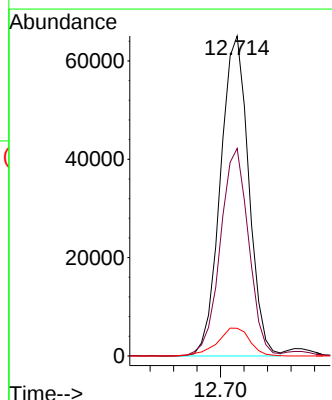
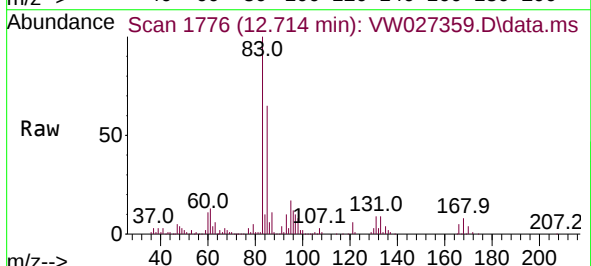
Tgt Ion: 83 Resp: 108811

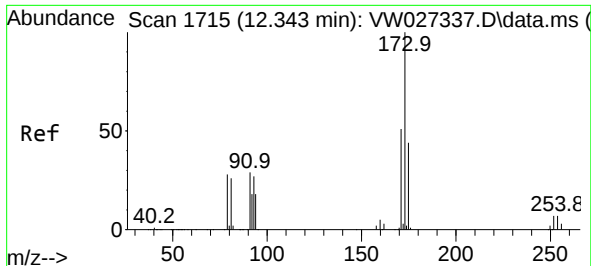
Ion Ratio Lower Upper

83 100

85 64.9 43.2 80.2

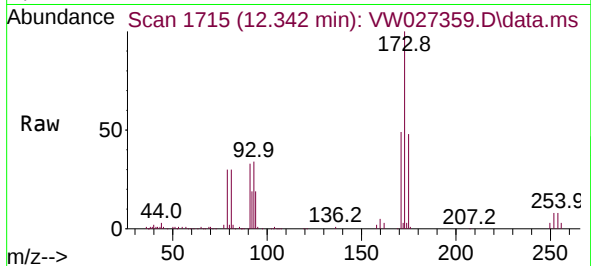
131 8.6 7.2 10.8



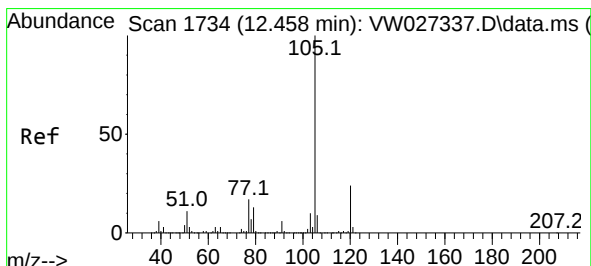
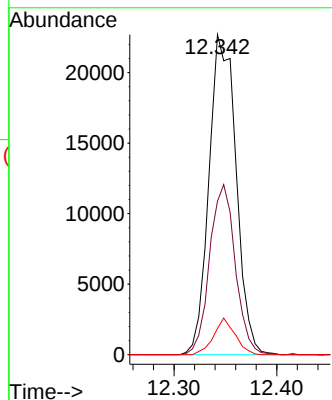
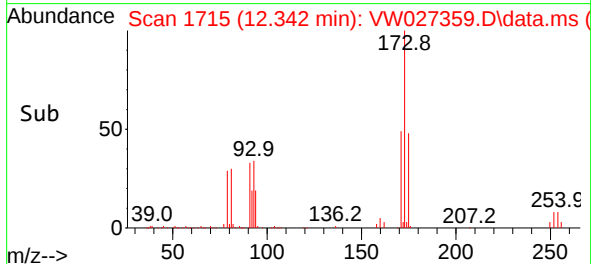


#59
Bromoform
Concen: 27.787 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

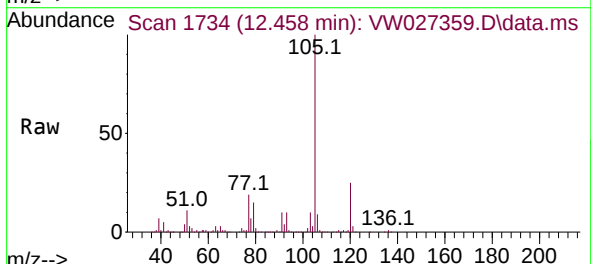
Instrument :
MSVOA_W
ClientSampleId :



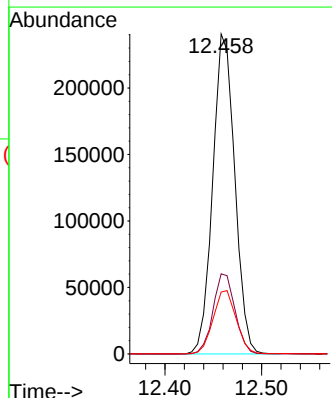
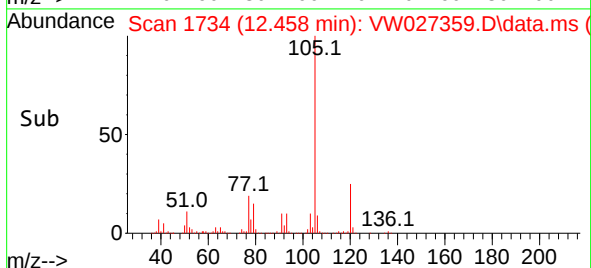
Tgt Ion:173 Resp: 41462
Ion Ratio Lower Upper
173 100
175 50.4 39.6 59.4
254 9.1 6.6 10.0

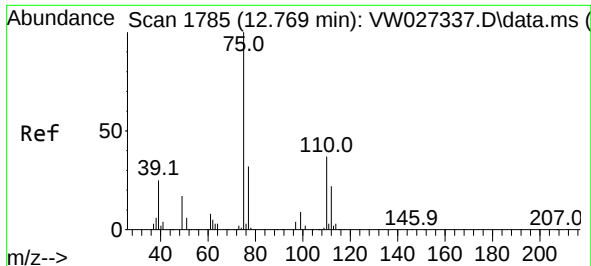


#60
Isopropylbenzene
Concen: 24.194 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36



Tgt Ion:105 Resp: 381136
Ion Ratio Lower Upper
105 100
120 25.0 20.1 30.1
77 20.8 12.9 19.3#

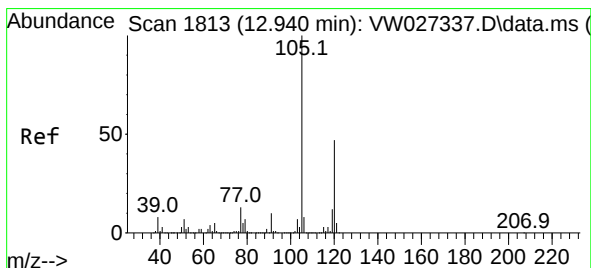
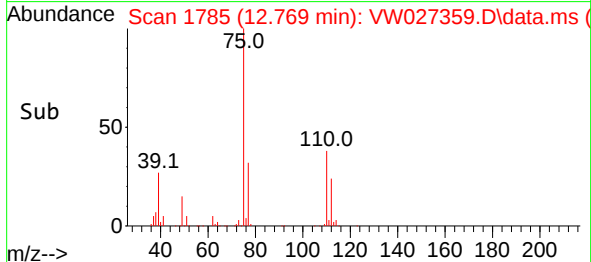
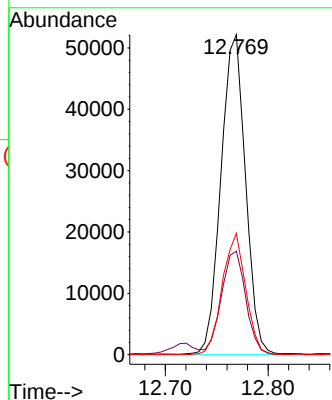
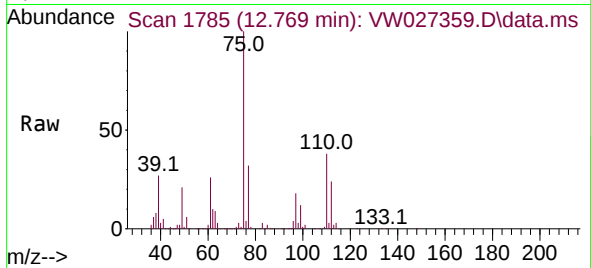




#61
1,2,3-Trichloropropane
Concen: 39.575 ug/L
RT: 12.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

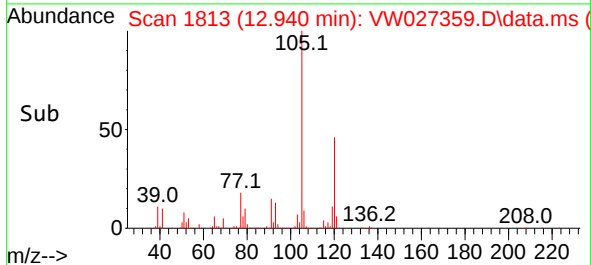
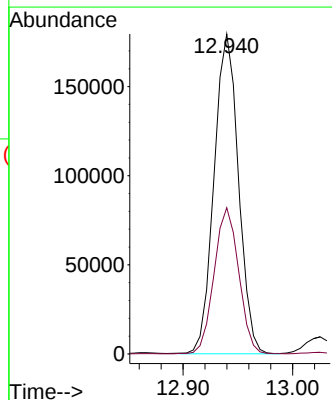
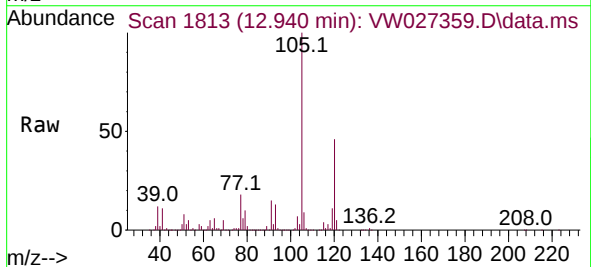
Instrument :
MSVOA_W
ClientSampleId :

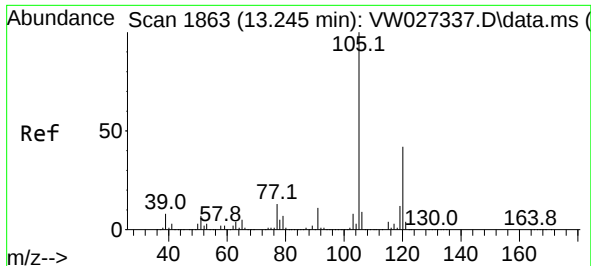
Tgt Ion: 75 Resp: 86652
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
110 36.3 29.7 44.5



#62
1,3,5-Trimethylbenzene
Concen: 21.125 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion:105 Resp: 277590
Ion Ratio Lower Upper
105 100
120 46.1 38.8 58.2

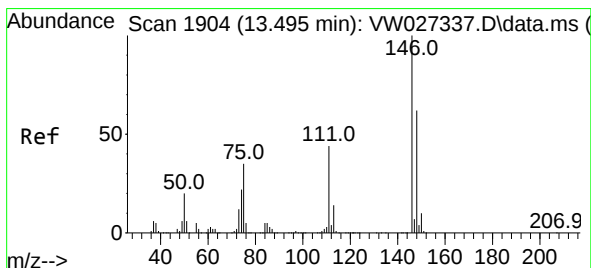
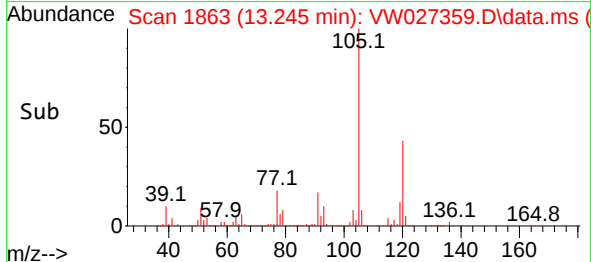
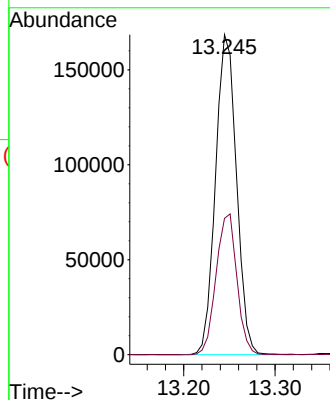
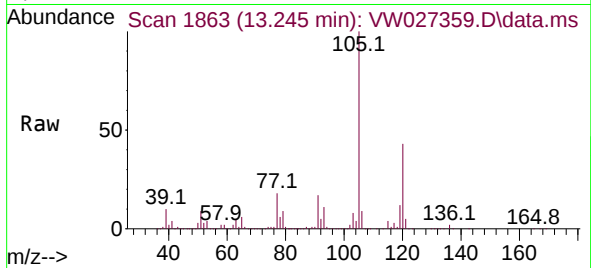




#63
1,2,4-Trimethylbenzene
Concen: 20.897 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

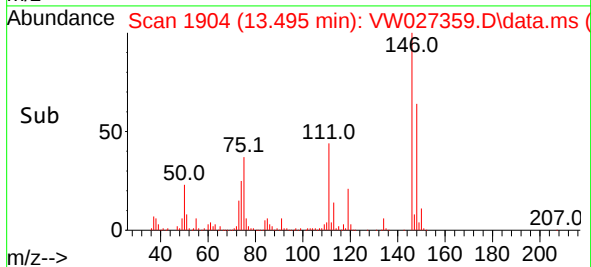
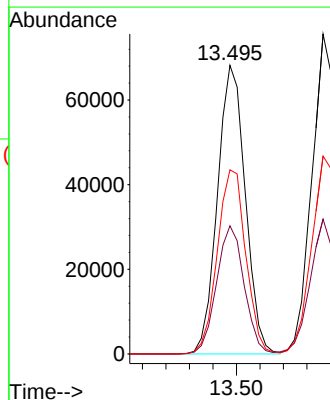
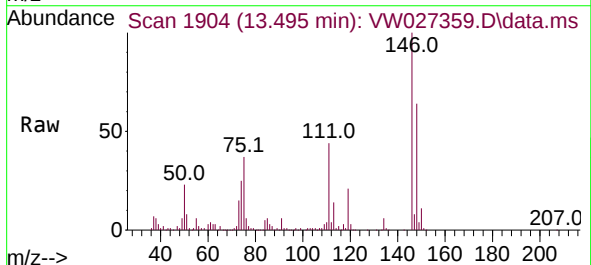
Instrument :
MSVOA_W
ClientSampleId :

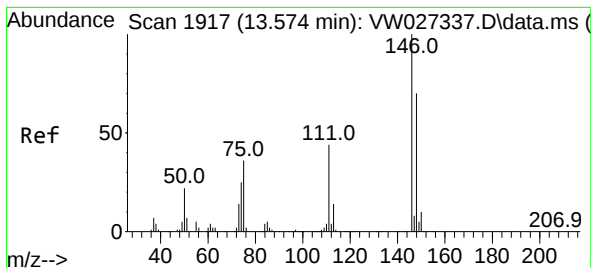
Tgt Ion:105 Resp: 268671
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 17.559 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion:146 Resp: 112171
Ion Ratio Lower Upper
146 100
111 44.4 30.8 57.2
148 63.8 46.3 85.9

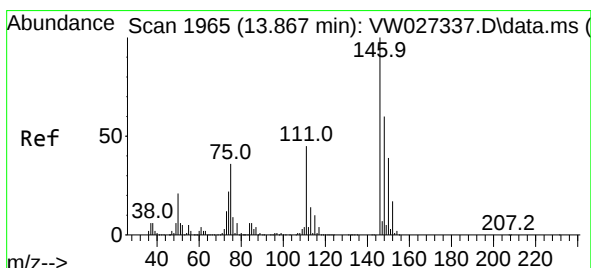
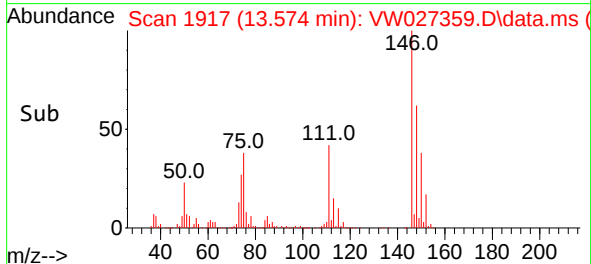
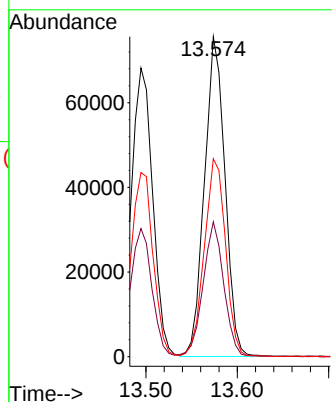
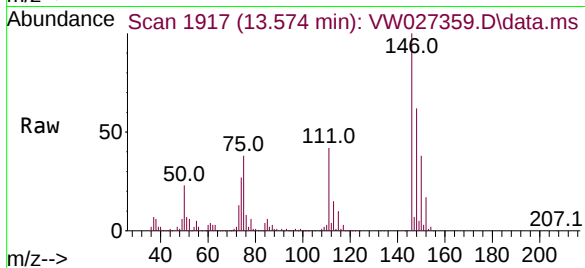




#65
1,4-Dichlorobenzene
Concen: 18.470 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

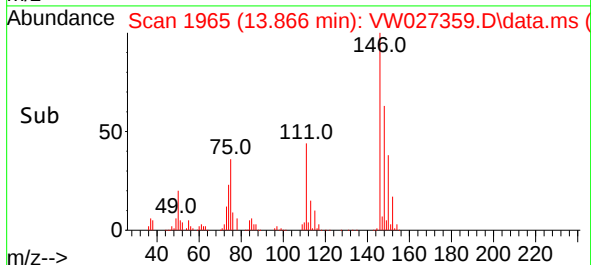
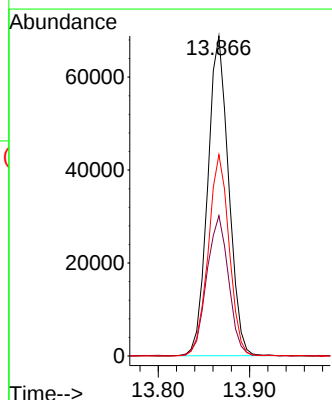
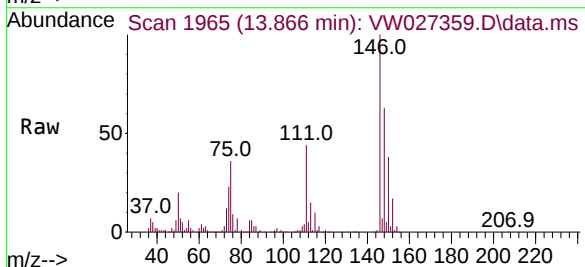
Instrument :
MSVOA_W
ClientSampleId :

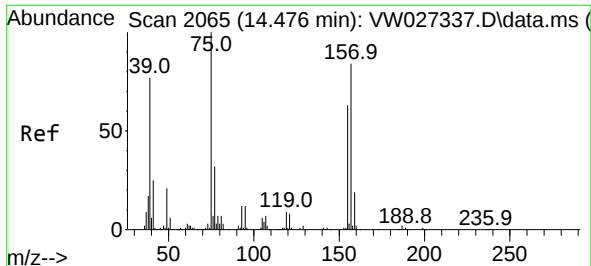
Tgt Ion:146 Resp: 117827
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 61.9 43.0 79.8



#67
1,2-Dichlorobenzene
Concen: 19.237 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027359.D
Acq: 19 Oct 2023 19:36

Tgt Ion:146 Resp: 109047
Ion Ratio Lower Upper
146 100
111 43.9 36.8 55.2
148 62.9 52.3 78.5





#68

1,2-Dibromo-3-chloropropane

Concen: 30.764 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027359.D

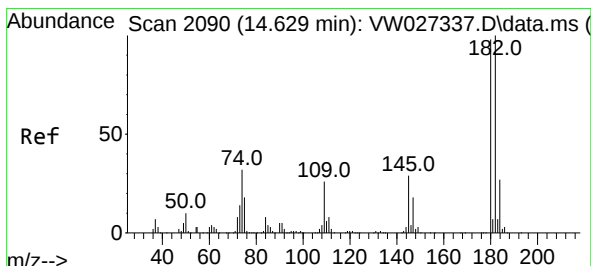
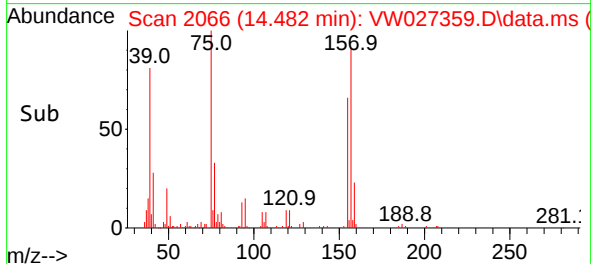
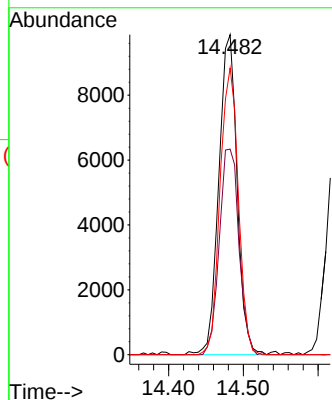
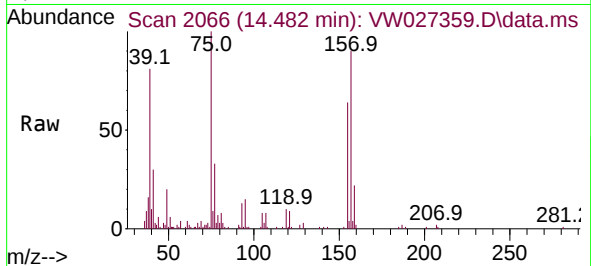
Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 16835
Ion Ratio	Lower Upper
75	100
155	64.2 54.9 82.3
157	89.6 64.7 97.1



#69

1,3,5-Trichlorobenzene

Concen: 11.253 ug/L

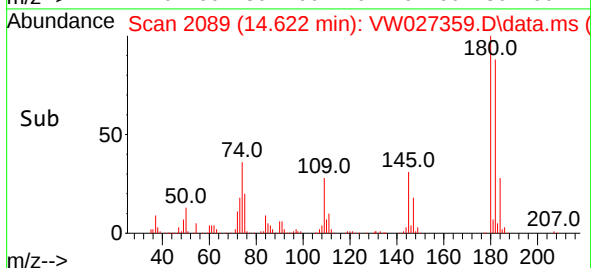
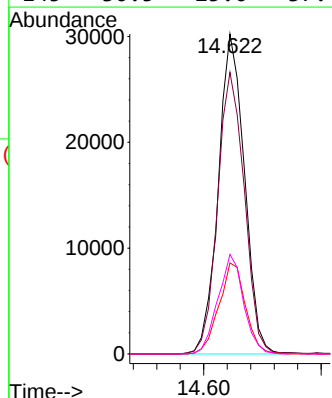
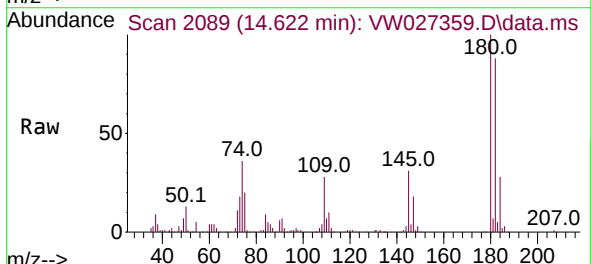
RT: 14.622 min Scan# 2089

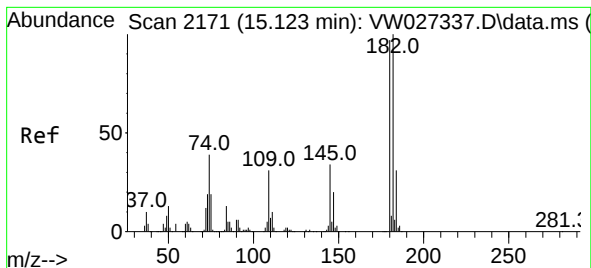
Delta R.T. -0.006 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Tgt Ion: 180	Resp: 46666
Ion Ratio	Lower Upper
180	100
182	89.9 73.4 110.0
184	28.9 23.3 34.9
145	30.5 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 10.112 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

Instrument :

MSVOA_W

ClientSampleId :

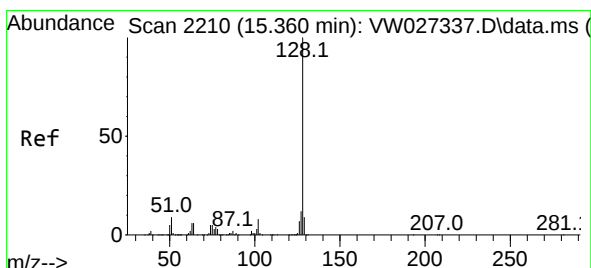
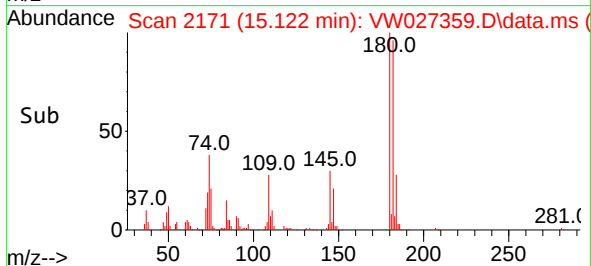
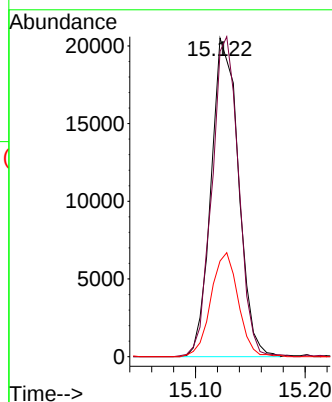
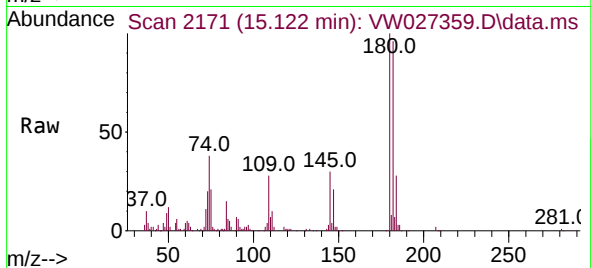
Tgt Ion:180 Resp: 35690

Ion Ratio Lower Upper

180 100

182 97.6 75.5 113.3

145 32.4 26.4 39.6



#71

Naphthalene

Concen: 17.047 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027359.D

Acq: 19 Oct 2023 19:36

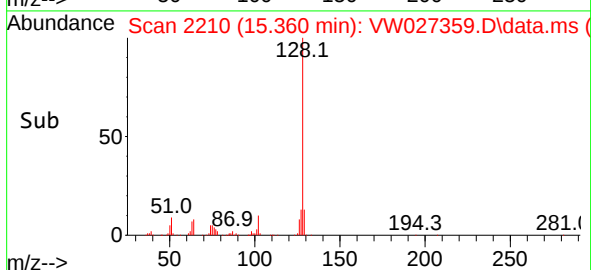
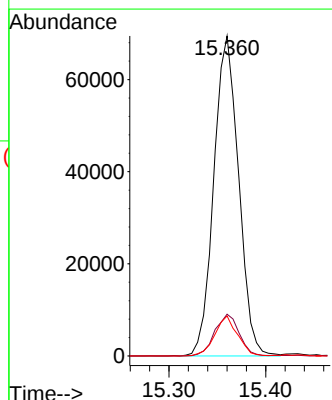
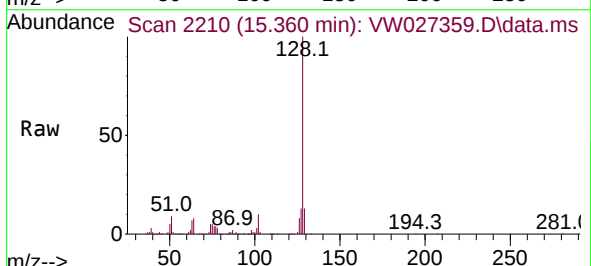
Tgt Ion:128 Resp: 123735

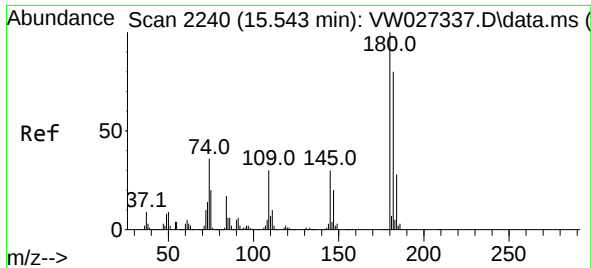
Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

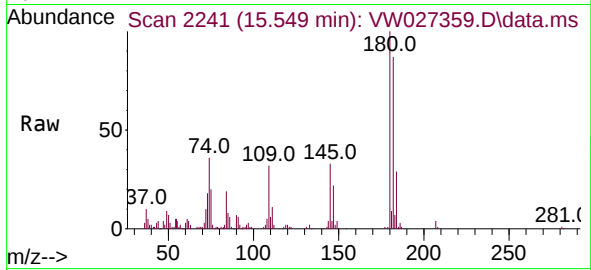
129 11.5 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 10.255 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027359.D
 Acq: 19 Oct 2023 19:36

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 29765
 Ion Ratio Lower Upper
 180 100
 182 93.9 81.1 121.7
 145 35.8 30.6 45.8

