

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120823\
 Data File : VW027581.D
 Acq On : 08 Dec 2023 09:45
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 02:09:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 09 02:01:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	244827	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	207847	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	97033	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	102838	20.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.480%
7) Chloroethane-d5	2.899	69	80705	22.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	4.027	65	48333	23.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.720%
21) 2-Butanone-d5	7.075	46	53340	41.317	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.640%
24) Chloroform-d	7.648	84	166677	22.808	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.240%
26) 1,2-Dichloroethane-d4	8.575	65	70	0.019	ug/L	0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	358358	24.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.270	67	103966	24.091	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.325	98	303261	23.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.581	79	35085	21.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.080%
47) 2-Hexanone-d5	10.922	63	33697	41.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76840	21.647	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	83132	24.441	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.930	85	161	0.049	ug/L	98
3) Chloromethane	2.222	50	3223	0.803	ug/L	91
5) Vinyl chloride	2.289	62	138	0.029	ug/L	94
6) Bromomethane	2.795	94	1333	0.542	ug/L	74
8) Chloroethane	2.923	64	642	0.240	ug/L	87
9) Trichlorofluoromethane	3.283	101	3511	0.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	230	0.060	ug/L #	1
12) 1,1-Dichloroethene	4.118	96	26	0.007	ug/L	86
13) Acetone	4.131	43	2223	1.786	ug/L	57
14) Carbon disulfide	4.381	76	9299	0.881	ug/L	98
15) Methyl Acetate	4.685	43	562	0.258	ug/L	95
16) Methylene chloride	4.929	84	8010	2.006	ug/L	94
17) trans-1,2-Dichloroethene	5.447	96	2458	0.683	ug/L	73
18) Methyl tert-butyl Ether	5.423	73	3492	0.601	ug/L #	79
19) 1,1-Dichloroethane	6.228	63	5339	0.729	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	2316	0.599	ug/L	79
22) 2-Butanone	7.112	43	531	0.331	ug/L	95
23) Bromochloromethane	7.514	128	1122	0.738	ug/L	90
25) Chloroform	7.673	83	5423	0.816	ug/L	81

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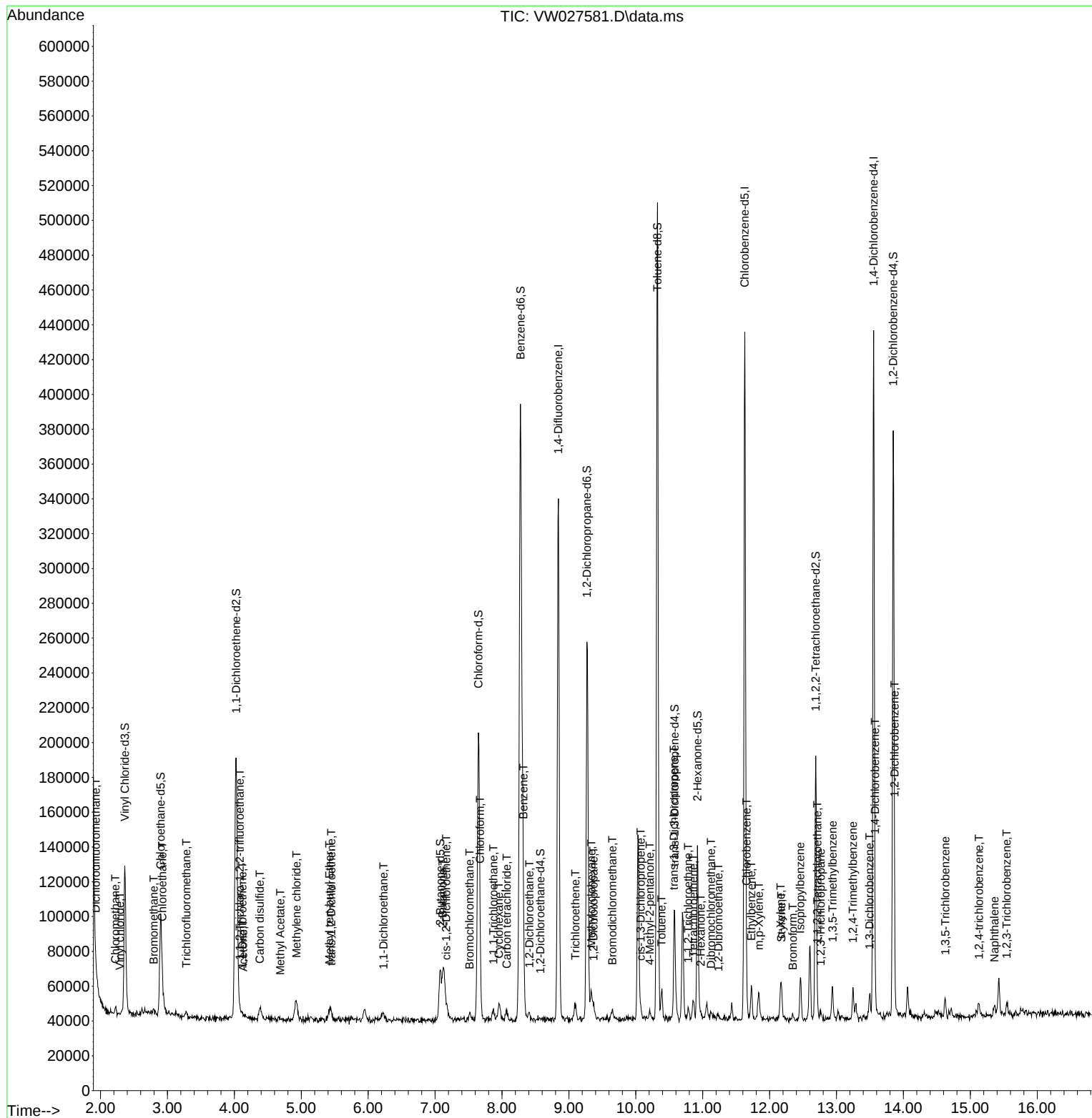
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.410	62	1804	0.420	ug/L	99
29) Cyclohexane	7.953	56	5244	0.767	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	4313	0.744	ug/L	92
31) Carbon tetrachloride	8.069	117	3995	0.790	ug/L	100
33) Benzene	8.319	78	11156	0.778	ug/L	100
34) Trichloroethene	9.099	95	3049	0.778	ug/L	97
35) Methylcyclohexane	9.337	83	5323	0.763	ug/L	96
37) 1,2-Dichloropropane	9.367	63	3069	0.810	ug/L #	97
38) Bromodichloromethane	9.648	83	3210	0.733	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	3321	0.607	ug/L #	79
40) 4-Methyl-2-pentanone	10.209	43	3341	1.305	ug/L #	96
42) Toluene	10.386	91	11624	0.766	ug/L	93
44) trans-1,3-Dichloropropene	10.568	75	1308	0.297	ug/L	83
45) 1,1,2-Trichloroethane	10.782	97	1877	0.712	ug/L	92
46) Tetrachloroethene	10.861	164	2321	0.831	ug/L	88
48) 2-Hexanone	10.971	43	2188	1.213	ug/L #	92
49) Dibromochloromethane	11.123	129	1715	0.658	ug/L	97
50) 1,2-Dibromoethane	11.233	107	1800	0.746	ug/L #	89
51) Chlorobenzene	11.654	112	6616	0.723	ug/L	96
52) Ethylbenzene	11.727	91	12682	0.736	ug/L	99
53) m,p-Xylene	11.843	106	4714	0.742	ug/L	92
54) o-Xylene	12.166	106	4023	0.697	ug/L	88
55) Styrene	12.178	104	6176	0.627	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	2392	0.697	ug/L #	85
59) Bromoform	12.349	173	1063	0.782	ug/L #	56
60) Isopropylbenzene	12.458	105	12169	0.760	ug/L #	92
61) 1,2,3-Trichloropropane	12.763	75	1782	0.761	ug/L #	79
62) 1,3,5-Trimethylbenzene	12.940	105	8346	0.704	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	8732	0.740	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	4515	0.736	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	4739	0.774	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	4267	0.772	ug/L #	92
69) 1,3,5-Trichlorobenzene	14.629	180	2943	0.713	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	2368	0.739	ug/L	97
71) Naphthalene	15.360	128	4763	0.707	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	2006	0.731	ug/L #	87

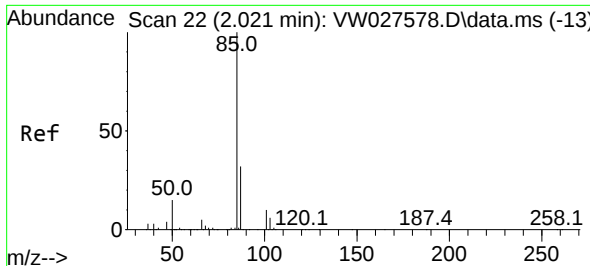
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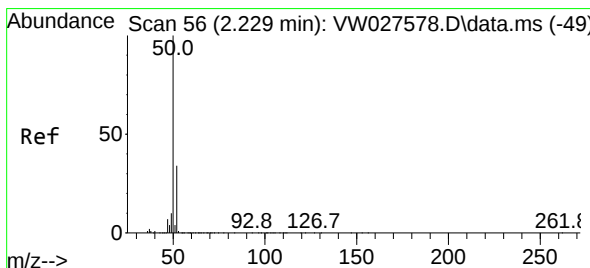
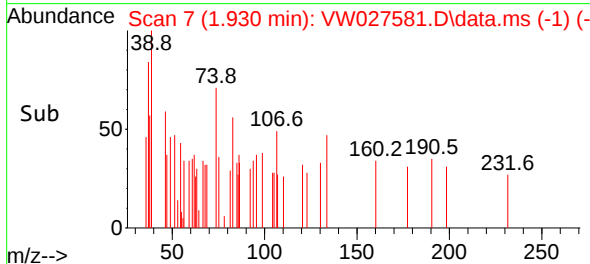
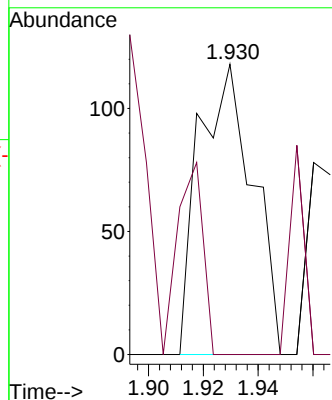
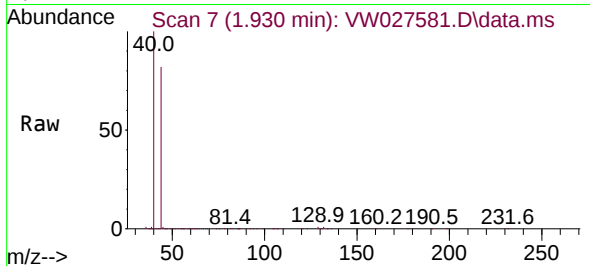




#2
 Dichlorodifluoromethane
 Concen: 0.049 ug/L
 RT: 1.930 min Scan# 7
 Delta R.T. -0.092 min
 Lab File: VW027581.D
 Acq: 08 Dec 2023 09:45

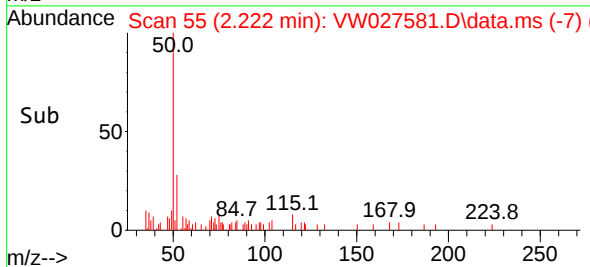
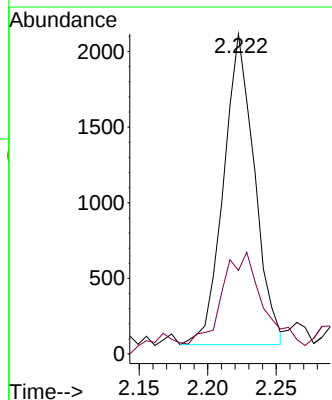
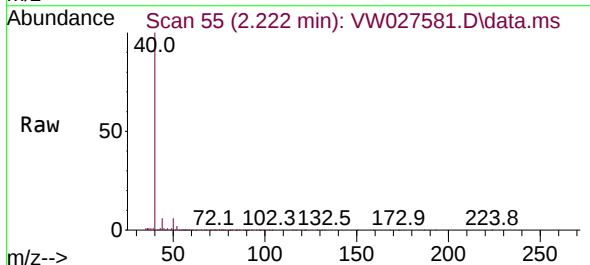
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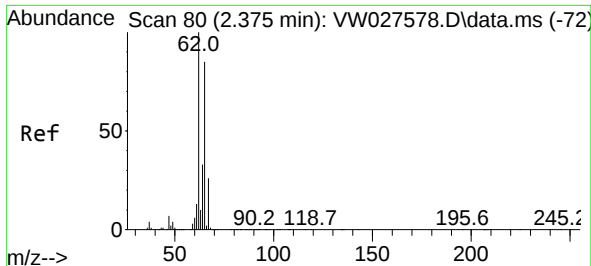
Tgt Ion: 85 Resp: 161
 Ion Ratio Lower Upper
 85 100
 87 31.1 24.0 36.0



#3
 Chloromethane
 Concen: 0.803 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW027581.D
 Acq: 08 Dec 2023 09:45

Tgt Ion: 50 Resp: 3223
 Ion Ratio Lower Upper
 50 100
 52 26.1 21.8 40.6

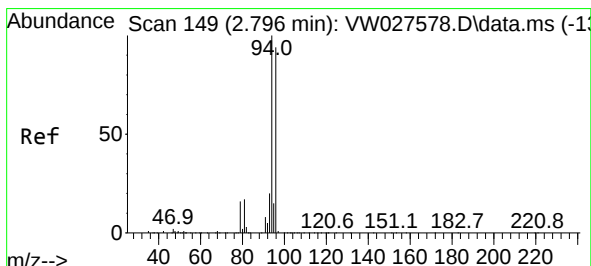
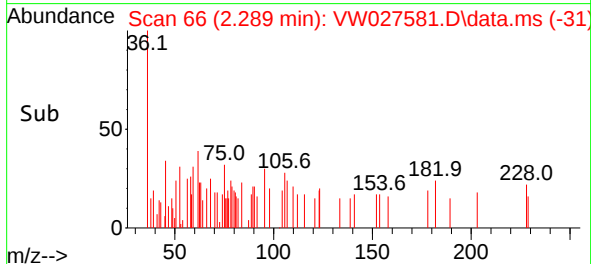
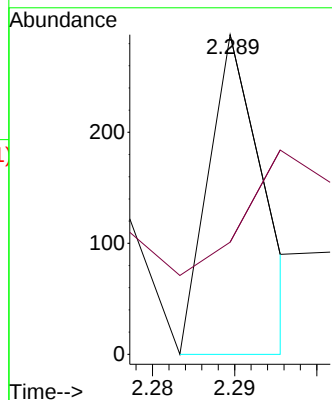
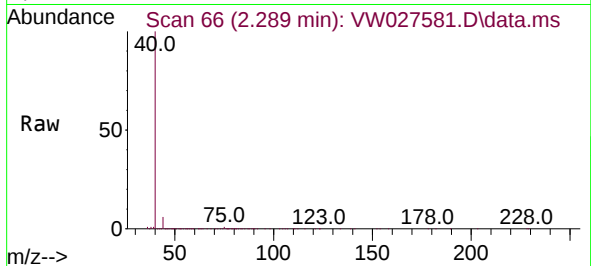




#5
 Vinyl chloride
 Concen: 0.029 ug/L
 RT: 2.289 min Scan# 6
 Delta R.T. -0.085 min
 Lab File: VW027581.D
 Acq: 08 Dec 2023 09:45

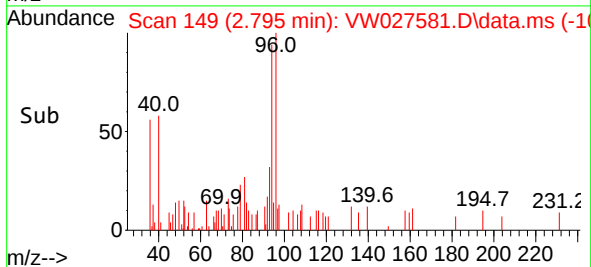
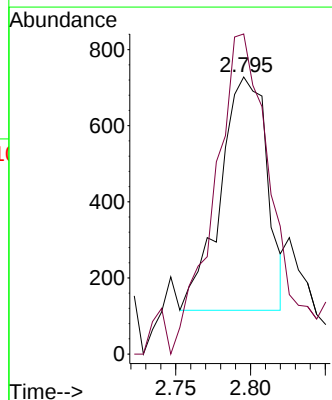
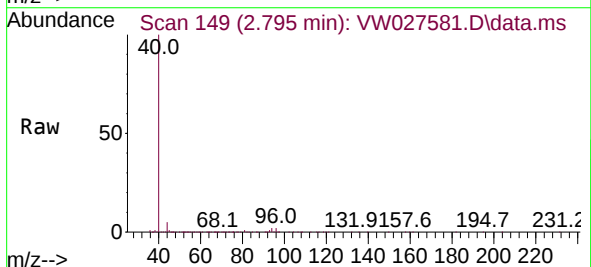
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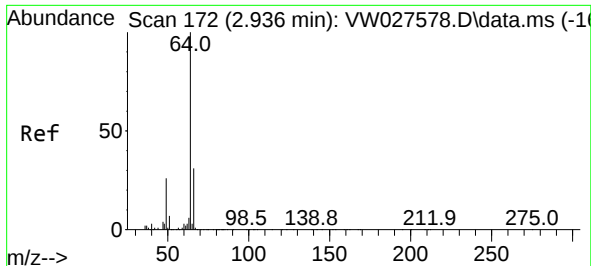
Tgt Ion: 62 Resp: 138
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.2 41.2



#6
 Bromomethane
 Concen: 0.542 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027581.D
 Acq: 08 Dec 2023 09:45

Tgt Ion: 94 Resp: 1333
 Ion Ratio Lower Upper
 94 100
 96 115.5 63.3 117.7

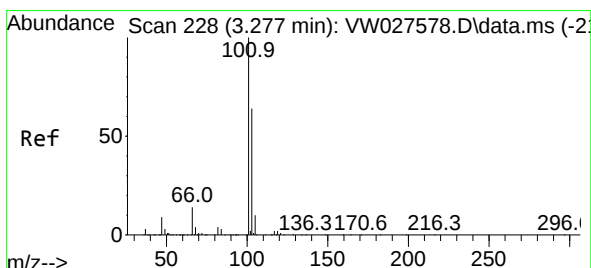
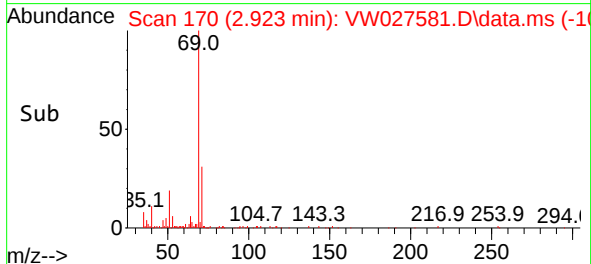
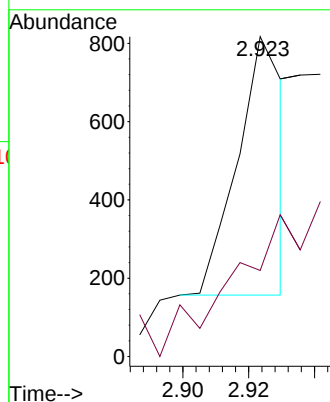
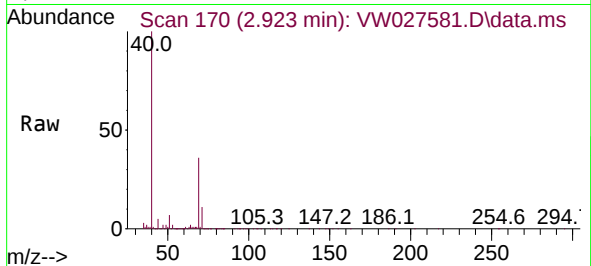




#8
Chloroethane
Concen: 0.240 ug/L
RT: 2.923 min Scan# 172
Delta R.T. -0.012 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

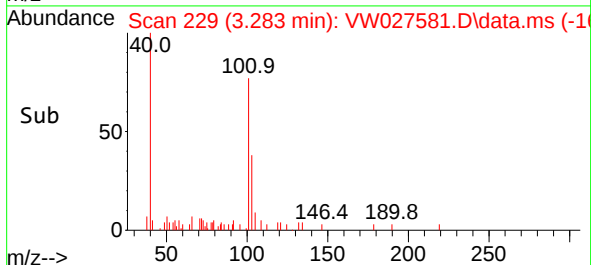
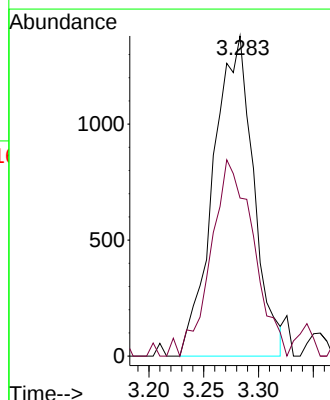
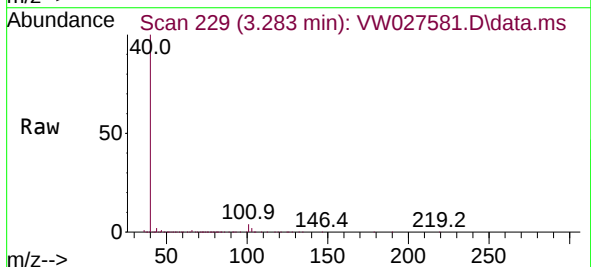
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ClientSampleId :

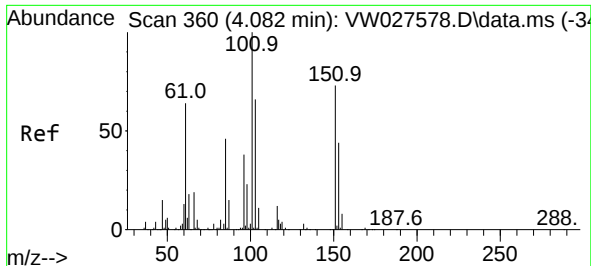
Tgt Ion: 64 Resp: 642
Ion Ratio Lower Upper
64 100
66 26.9 24.1 44.7



#9
Trichlorofluoromethane
Concen: 0.783 ug/L
RT: 3.283 min Scan# 229
Delta R.T. 0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion: 101 Resp: 3511
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

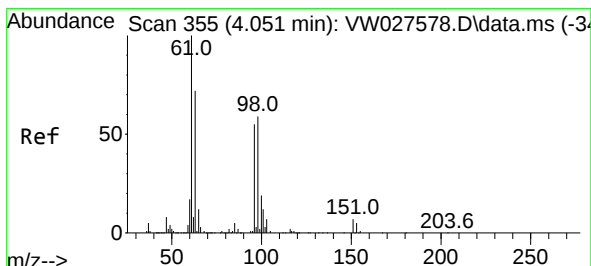
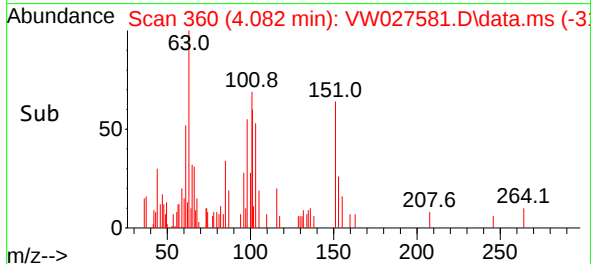
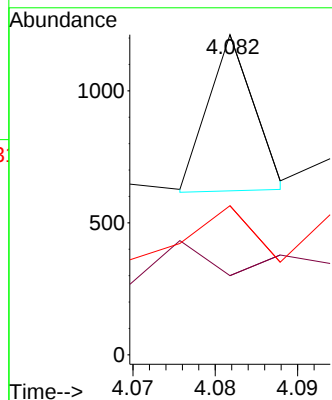
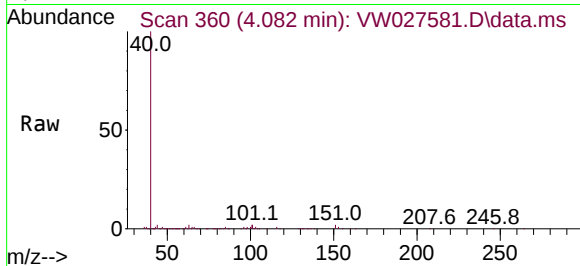




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.060 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: VW027581.D
 Acq: 08 Dec 2023 09:45

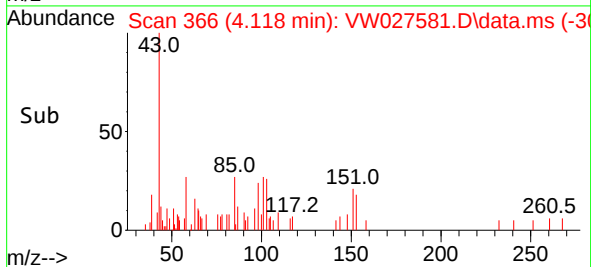
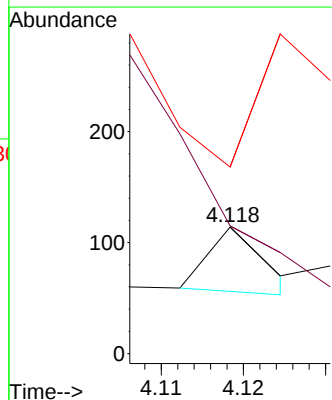
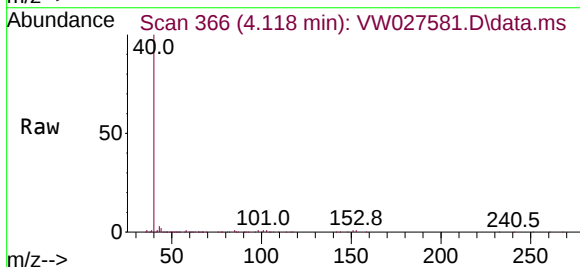
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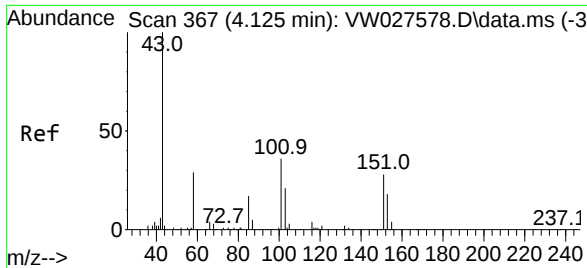
Tgt Ion:101 Resp: 230
 Ion Ratio Lower Upper
 101 100
 85 73.0 33.9 50.9#
 151 547.0 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 0.007 ug/L
 RT: 4.118 min Scan# 366
 Delta R.T. 0.067 min
 Lab File: VW027581.D
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Tgt Ion: 96 Resp: 26
 Ion Ratio Lower Upper
 96 100
 61 147.4 127.8 237.4
 63 147.4 104.9 194.7

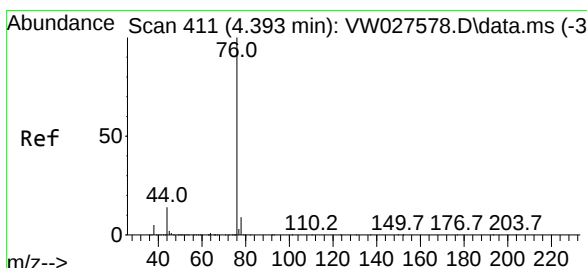
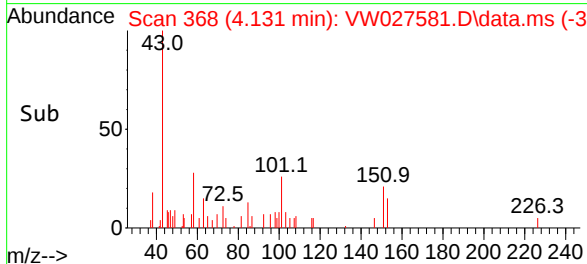
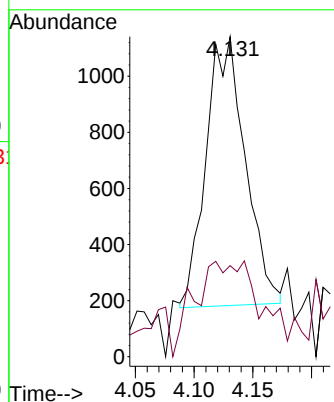
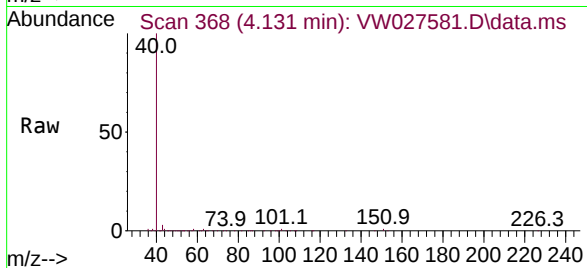




#13
Acetone
Concen: 1.786 ug/L
RT: 4.131 min Scan# 309
Delta R.T. 0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

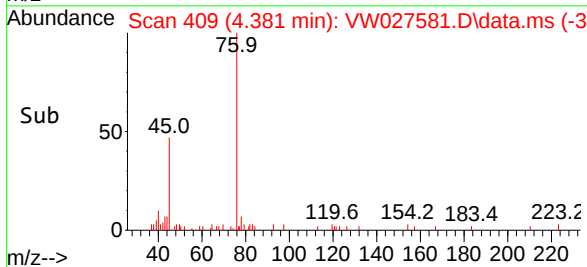
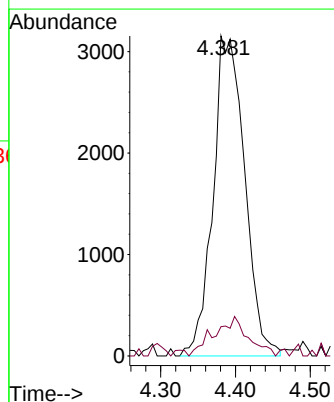
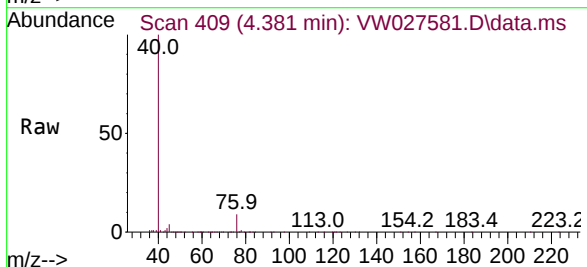
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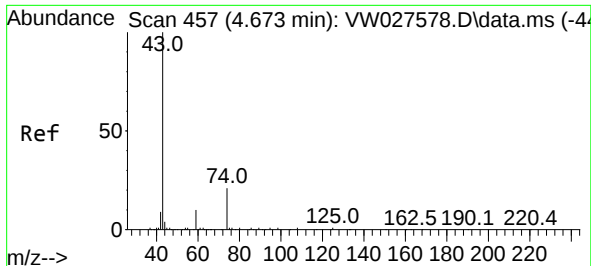
Tgt Ion: 43 Resp: 2223
Ion Ratio Lower Upper
43 100
58 6.8 0.0 60.0



#14
Carbon disulfide
Concen: 0.881 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.012 min
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Tgt Ion: 76 Resp: 9299
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

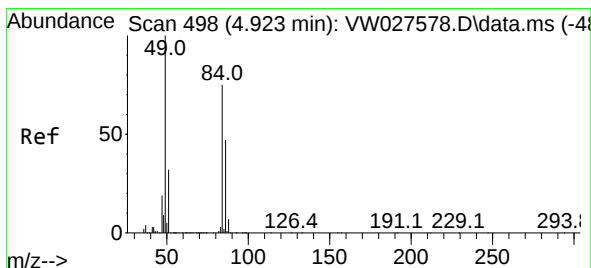
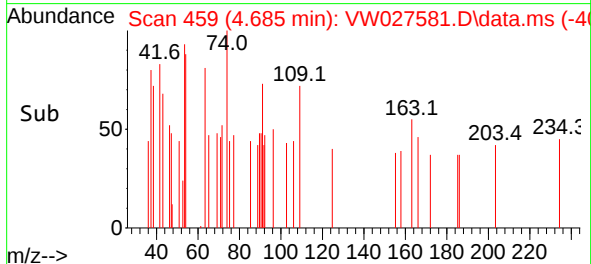
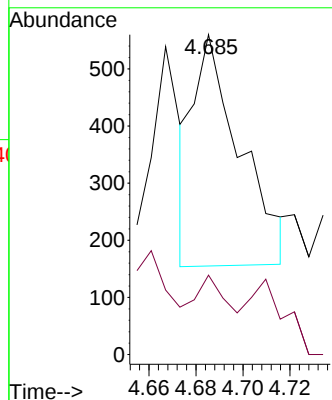
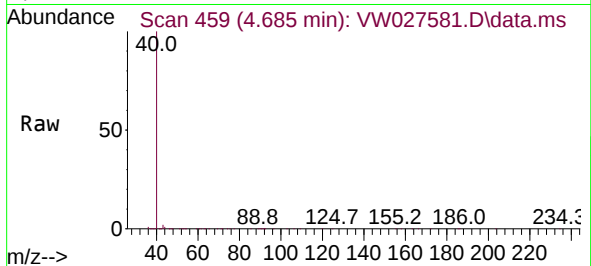




#15
Methyl Acetate
Concen: 0.258 ug/L
RT: 4.685 min Scan# 457
Delta R.T. 0.012 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

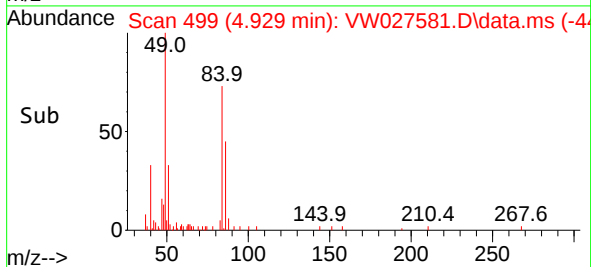
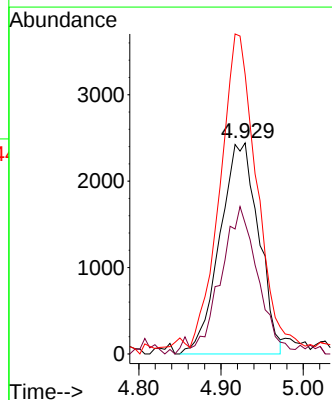
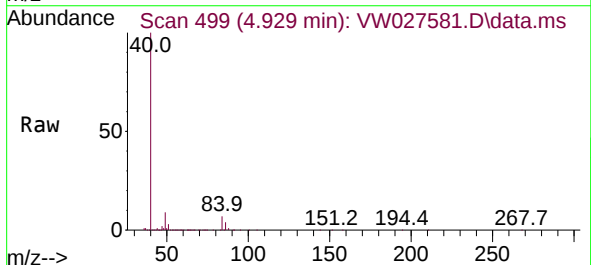
Instrument :
MSVOA_W
ClientSampleId :

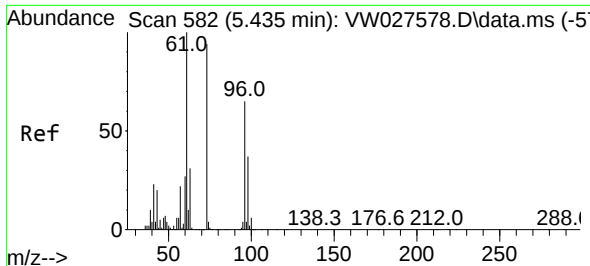
Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
74 18.5 16.8 25.2



#16
Methylene chloride
Concen: 2.006 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion: 84 Resp: 8010
Ion Ratio Lower Upper
84 100
86 61.9 47.7 88.7
49 132.3 97.4 181.0

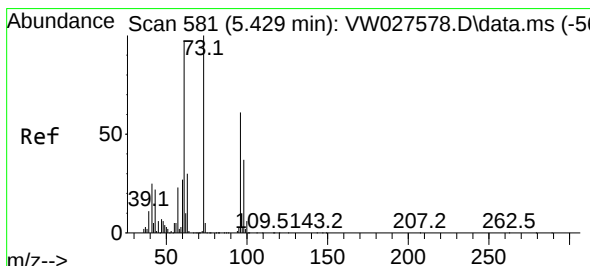
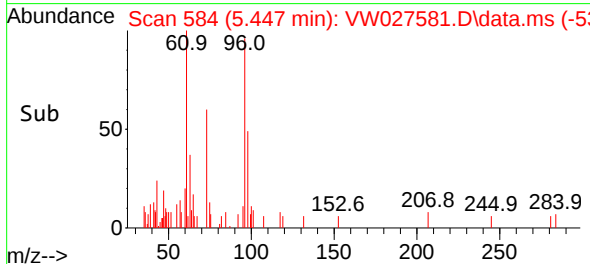
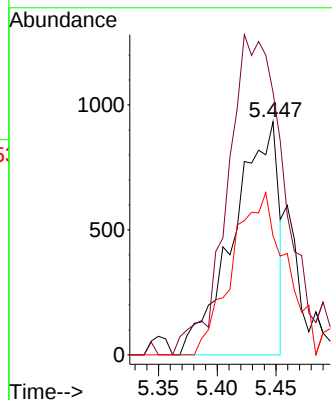
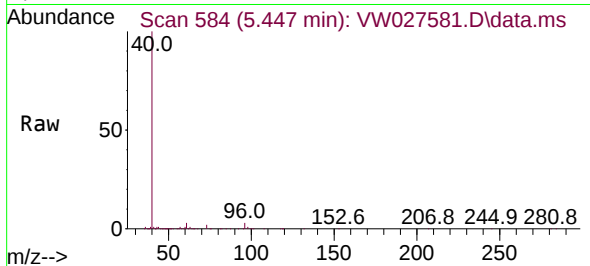




#17
trans-1,2-Dichloroethene
Concen: 0.683 ug/L
RT: 5.447 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

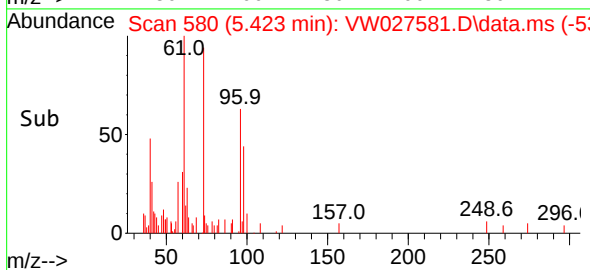
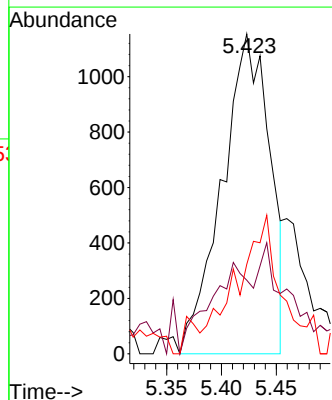
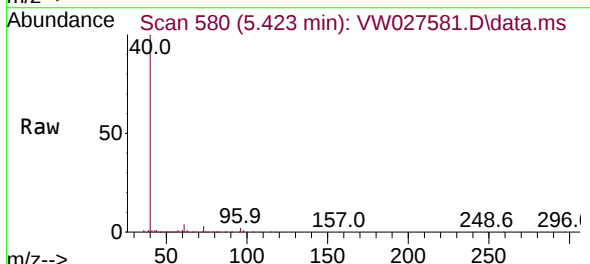
Instrument :
MSVOA_W
ClientSampleId :

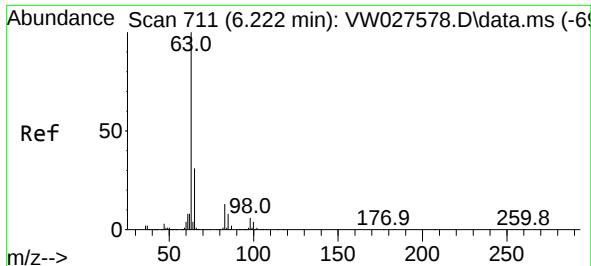
Tgt Ion: 96 Resp: 2458
Ion Ratio Lower Upper
96 100
61 112.9 109.6 203.6
98 51.1 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 0.601 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion: 73 Resp: 3492
Ion Ratio Lower Upper
73 100
43 24.6 17.8 26.6
57 7.4 19.9 29.9#





#19

1,1-Dichloroethane

Concen: 0.729 ug/L

RT: 6.228 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

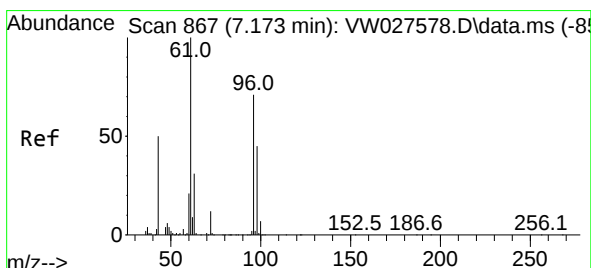
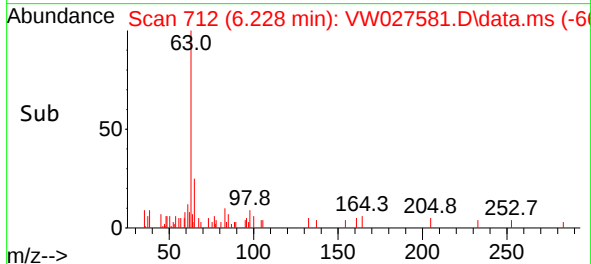
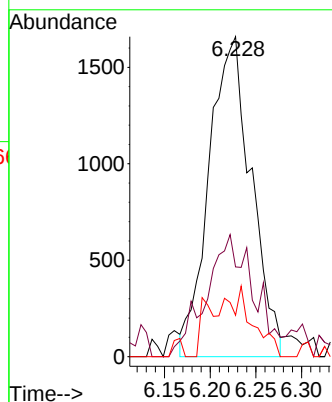
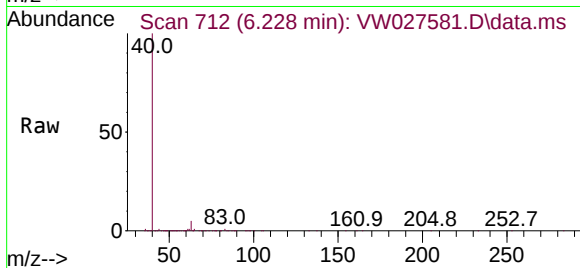
Tgt Ion: 63 Resp: 5339

Ion Ratio Lower Upper

63 100

65 28.0 22.0 40.8

83 13.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 0.599 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

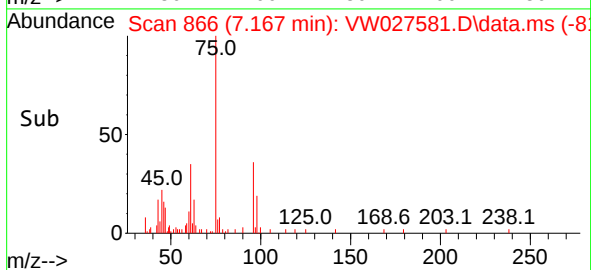
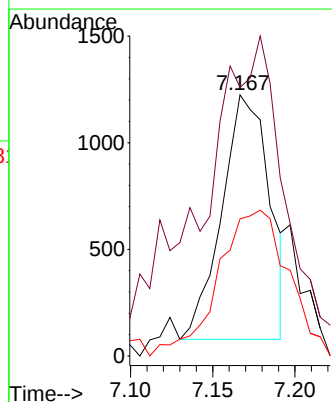
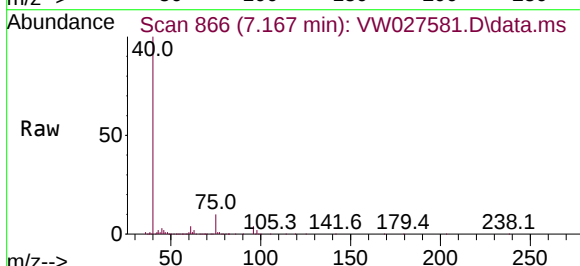
Tgt Ion: 96 Resp: 2316

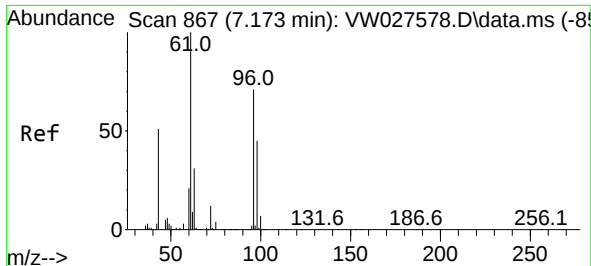
Ion Ratio Lower Upper

96 100

61 102.9 94.0 174.6

98 57.6 45.1 83.7

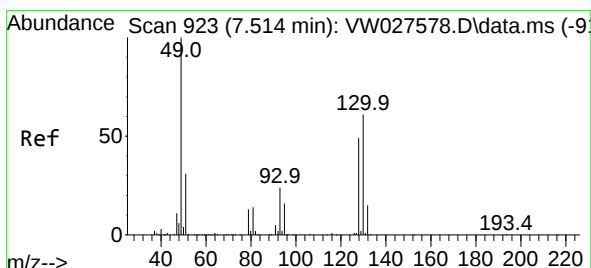
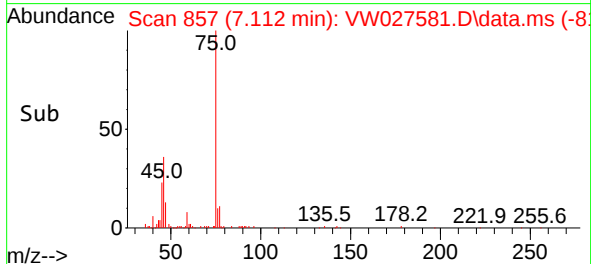
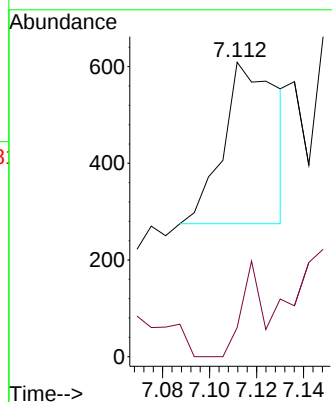
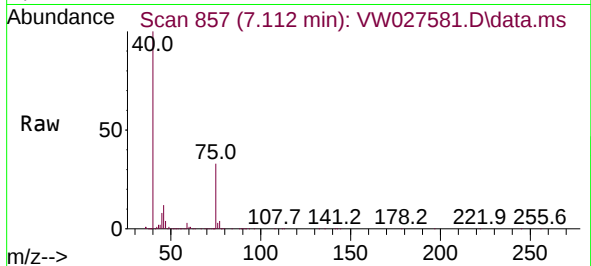




#22
2-Butanone
Concen: 0.331 ug/L
RT: 7.112 min Scan# 867
Delta R.T. -0.061 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

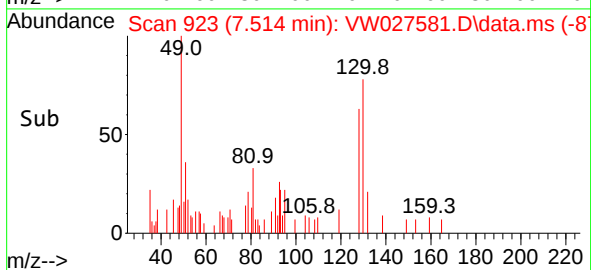
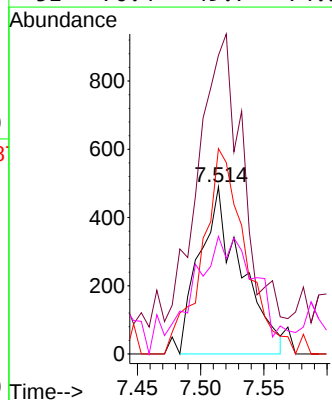
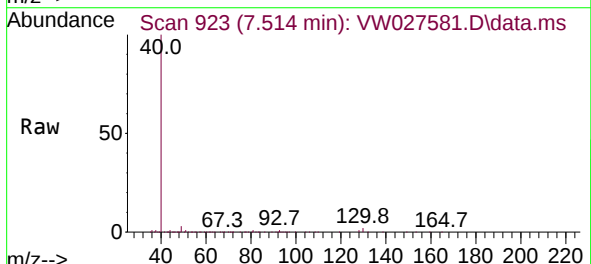
Instrument :
MSVOA_W
ClientSampleId :

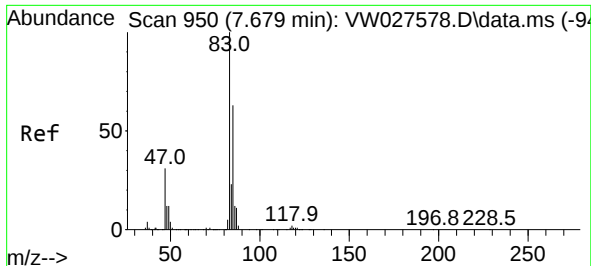
Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
72 21.7 11.9 35.9



#23
Bromochloromethane
Concen: 0.738 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion: 128 Resp: 1122
Ion Ratio Lower Upper
128 100
49 178.6 137.8 256.0
130 122.9 91.2 169.4
51 70.4 49.7 74.5

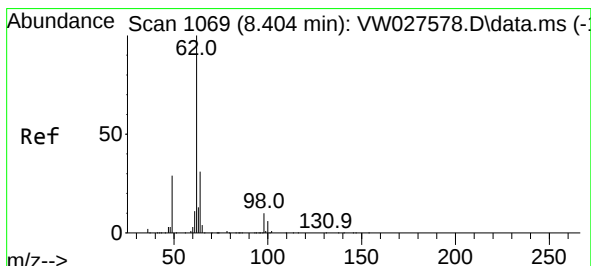
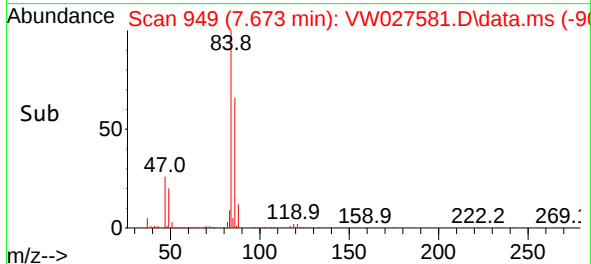
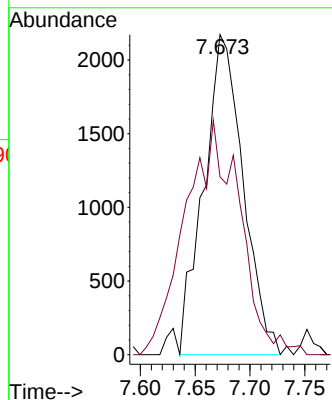
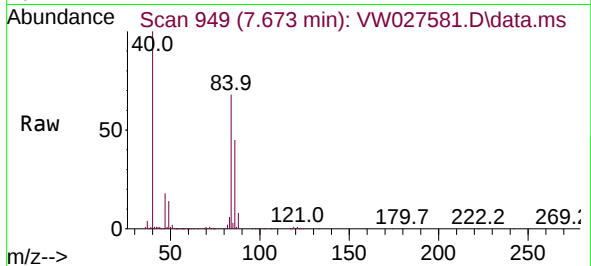




#25
Chloroform
Concen: 0.816 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

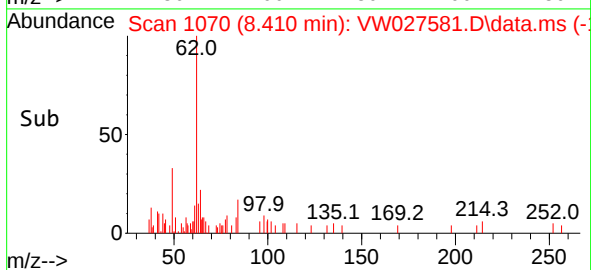
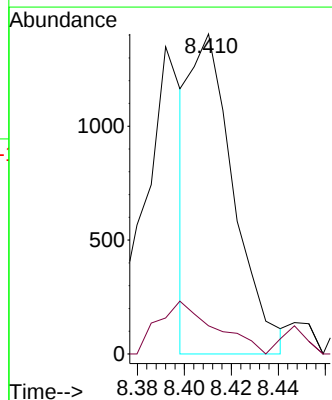
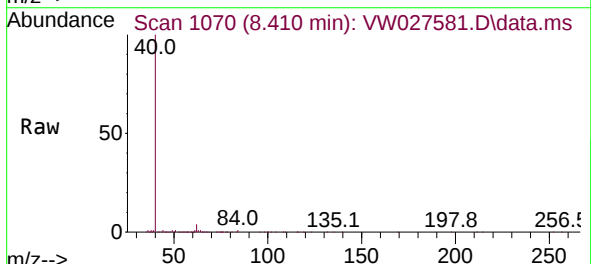
Instrument :
MSVOA_W
ClientSampleId :

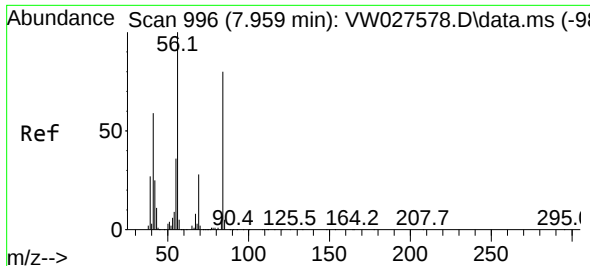
Tgt Ion: 83 Resp: 5423
Ion Ratio Lower Upper
83 100
85 55.6 49.8 92.6



#27
1,2-Dichloroethane
Concen: 0.420 ug/L
RT: 8.410 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

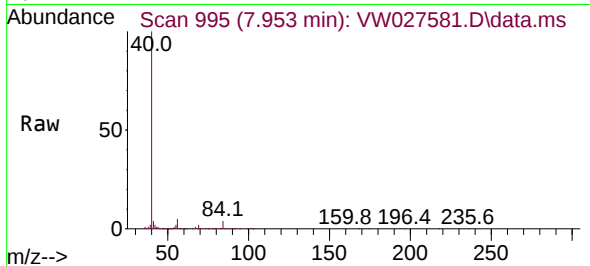
Tgt Ion: 62 Resp: 1804
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0



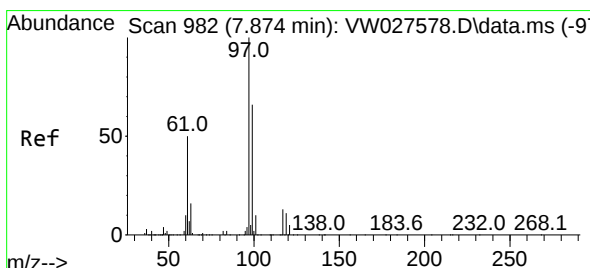
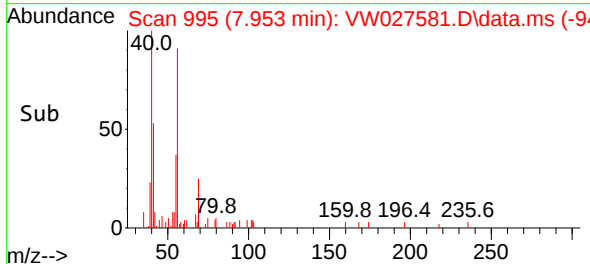
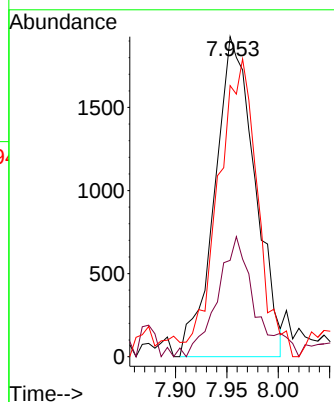


#29
Cyclohexane
Concen: 0.767 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Instrument :
MSVOA_W
ClientSampleId :

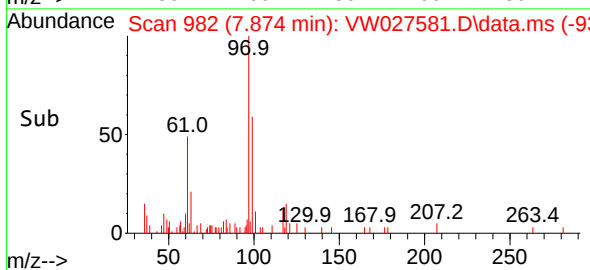
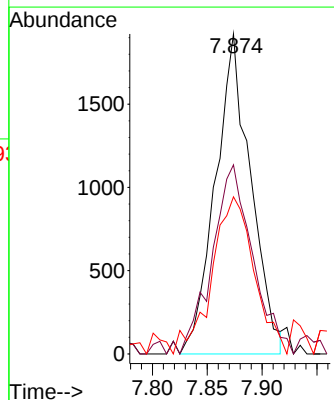
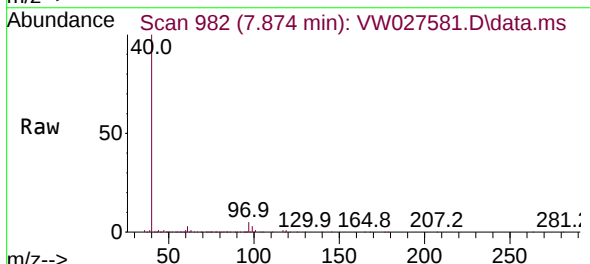


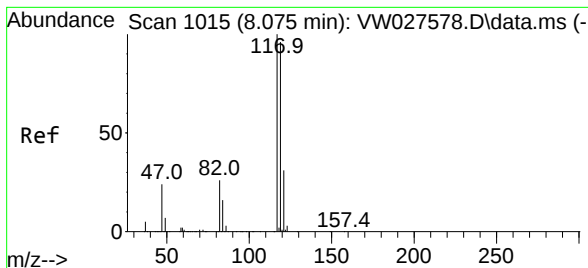
Tgt Ion:	56	Resp:	5244
Ion Ratio	100	Lower	Upper
56	100		
69	32.3	24.1	36.1
84	90.7	65.0	97.4



#30
1,1,1-Trichloroethane
Concen: 0.744 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion:	97	Resp:	4313
Ion Ratio	100	Lower	Upper
97	100		
99	67.4	50.5	75.7
61	56.3	39.0	58.4

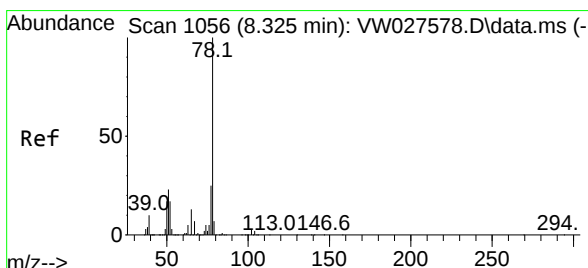
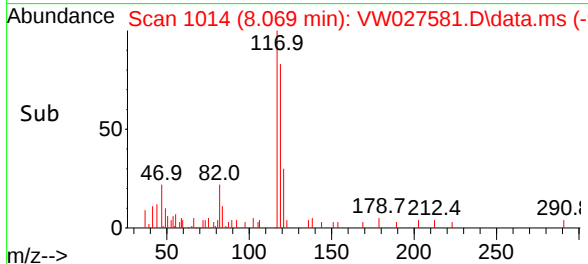
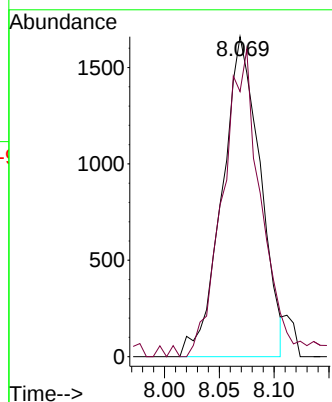
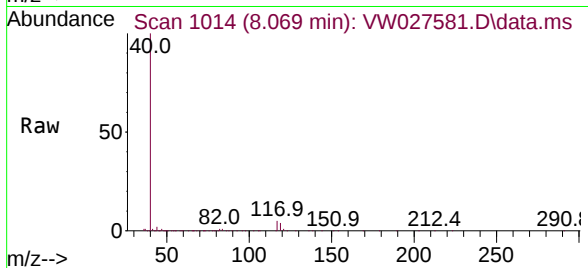




#31
Carbon tetrachloride
Concen: 0.790 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

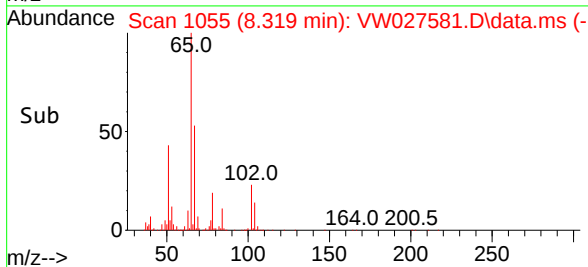
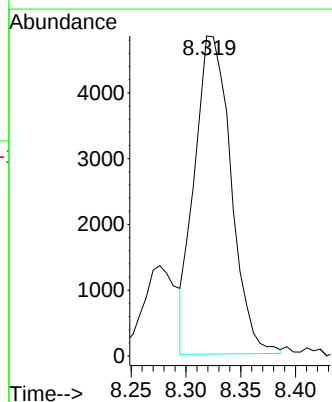
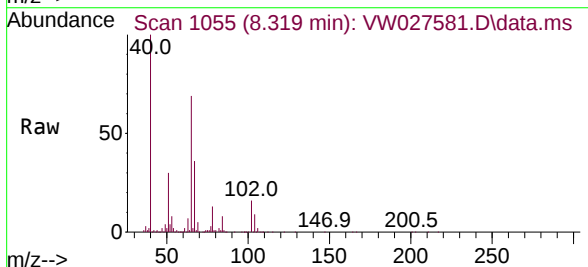
Instrument :
MSVOA_W
ClientSampleId :

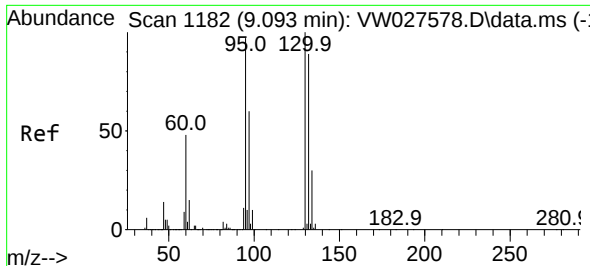
Tgt Ion:117 Resp: 3995
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6



#33
Benzene
Concen: 0.778 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

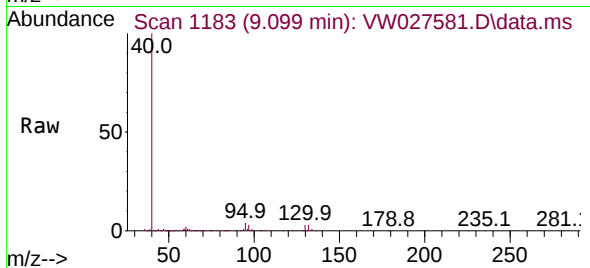
Tgt Ion: 78 Resp: 11156





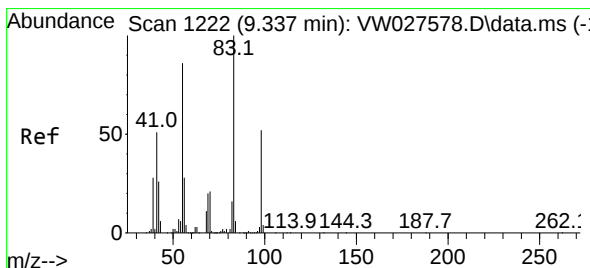
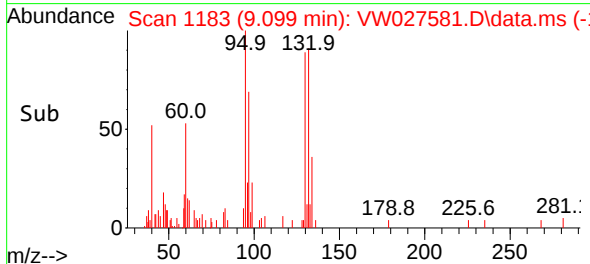
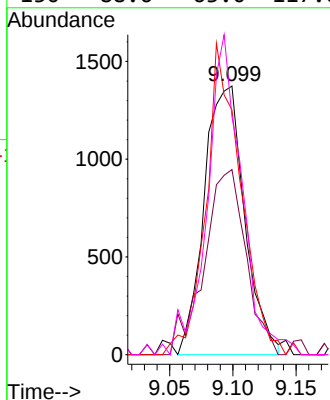
#34
Trichloroethene
Concen: 0.778 ug/L
RT: 9.099 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 3049

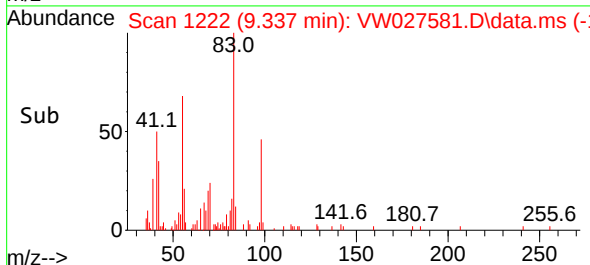
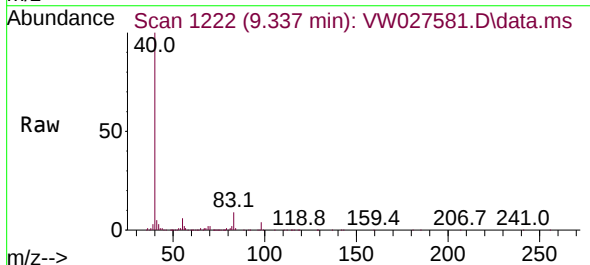
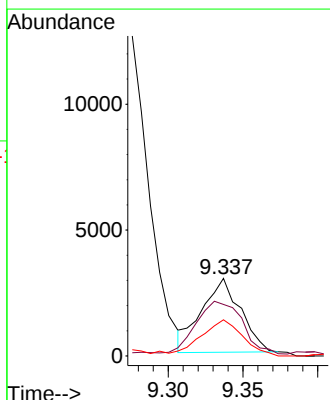
Ion	Ratio	Lower	Upper
95	100		
97	68.9	43.0	80.0
132	91.1	64.1	119.1
130	88.6	63.0	117.0

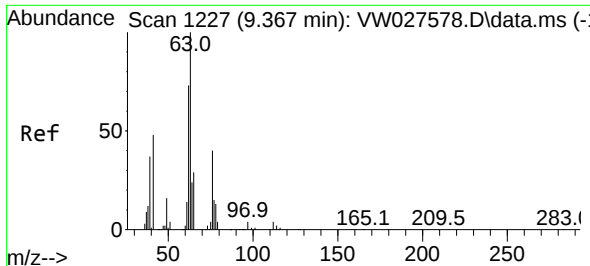


#35
Methylcyclohexane
Concen: 0.763 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion: 83 Resp: 5323

Ion	Ratio	Lower	Upper
83	100		
55	84.7	65.6	98.4
98	51.9	38.3	57.5





#37

1,2-Dichloropropane

Concen: 0.810 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Instrument :

MSVOA_W

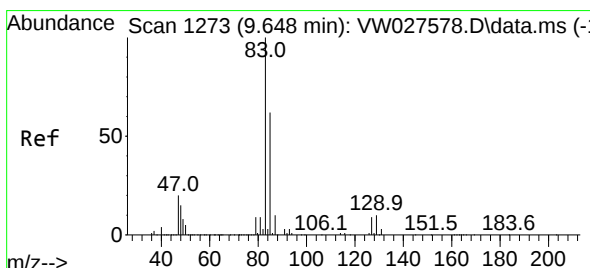
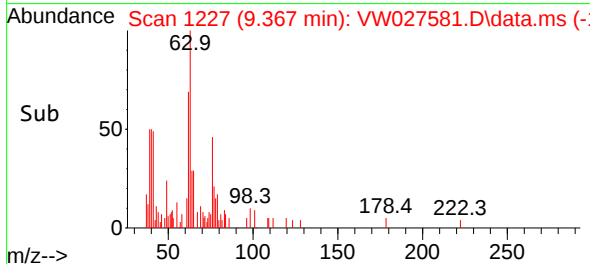
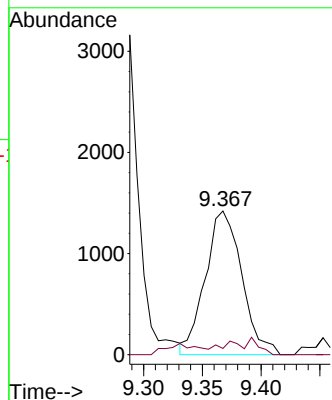
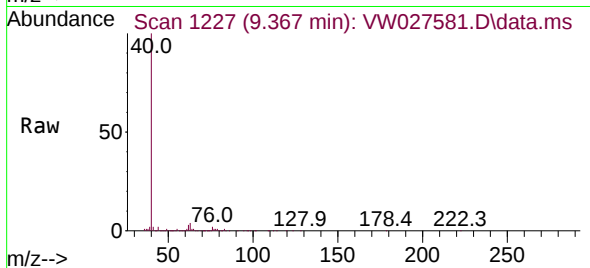
ClientSampleId :

Tgt Ion: 63 Resp: 3069

Ion Ratio Lower Upper

63 100

112 3.6 3.6 5.4#



#38

Bromodichloromethane

Concen: 0.733 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

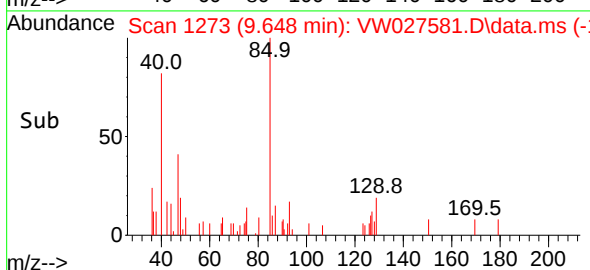
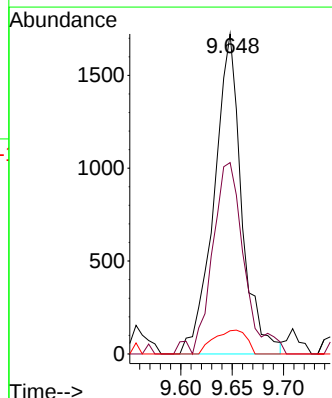
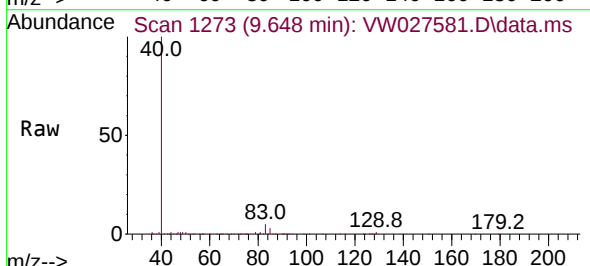
Tgt Ion: 83 Resp: 3210

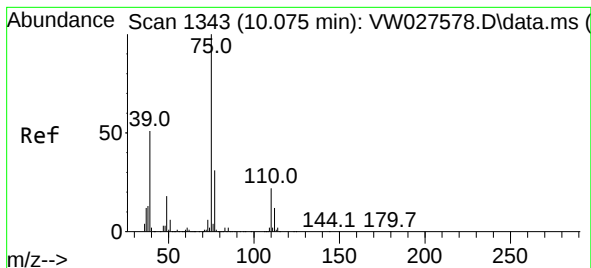
Ion Ratio Lower Upper

83 100

85 59.8 44.3 82.3

127 7.3 5.3 7.9

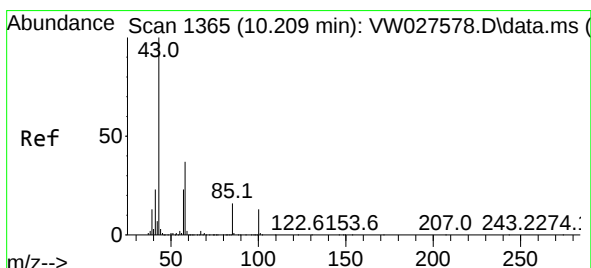
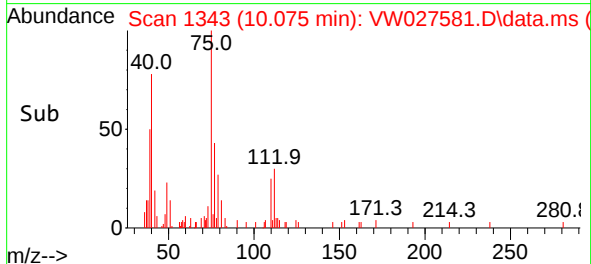
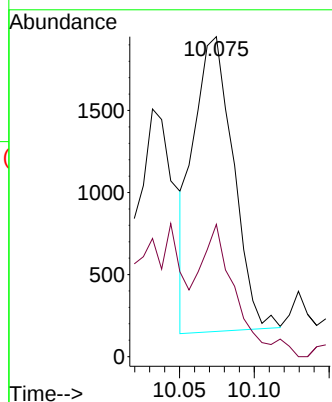
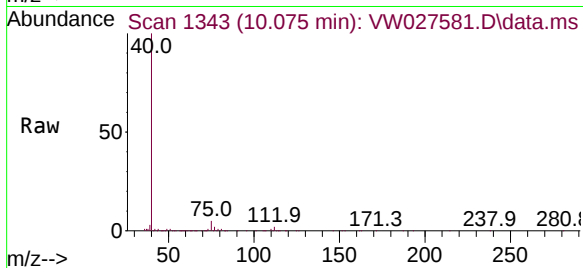




#39
 cis-1,3-Dichloropropene
 Concen: 0.607 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW027581.D
 Acq: 08 Dec 2023 09:45

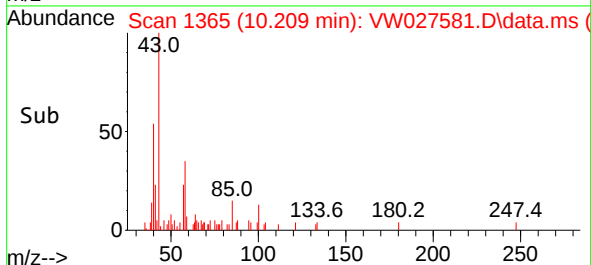
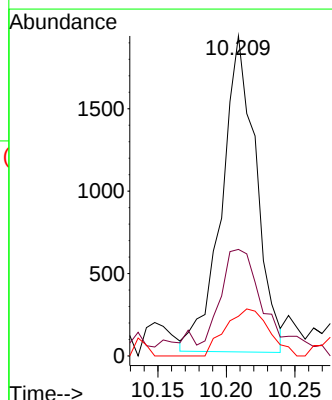
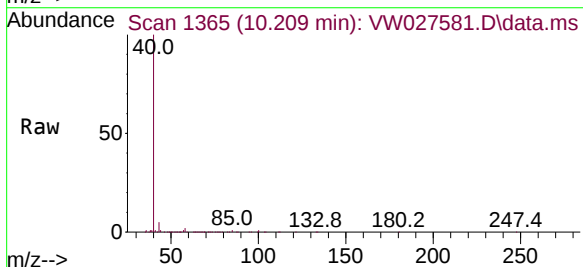
Instrument :
 MSVOA_W
 ClientSampleId :

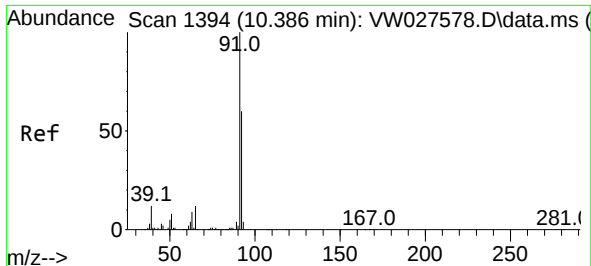
Tgt Ion: 75 Resp: 3321
 Ion Ratio Lower Upper
 75 100
 77 41.3 21.1 39.1#



#40
 4-Methyl-2-pentanone
 Concen: 1.305 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027581.D
 Acq: 08 Dec 2023 09:45

Tgt Ion: 43 Resp: 3341
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.6 44.4
 100 18.9 11.1 16.7#

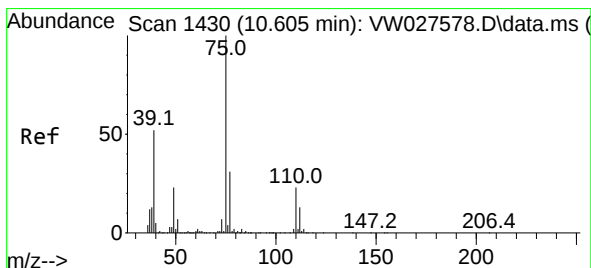
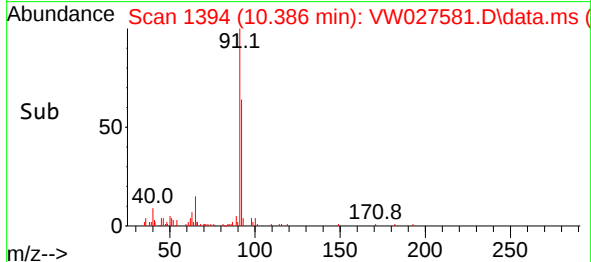
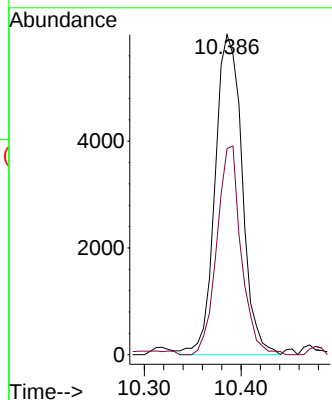
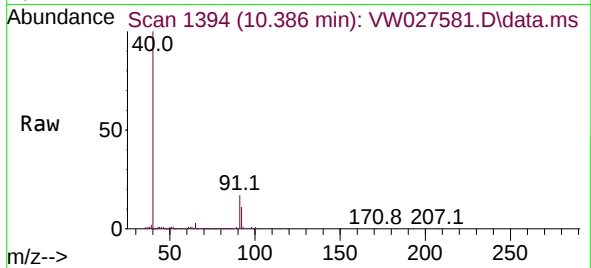




#42
Toluene
Concen: 0.766 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

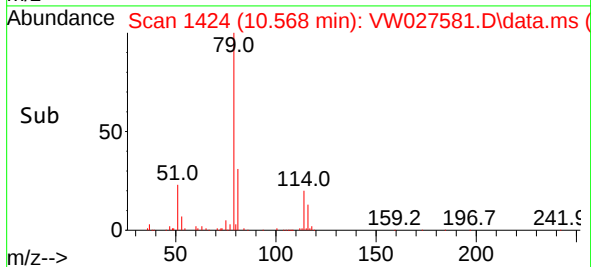
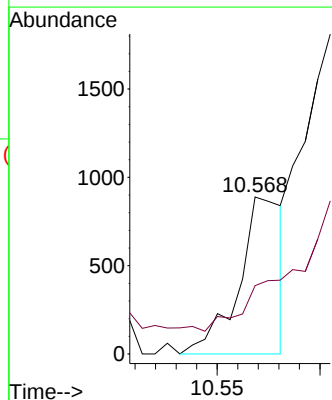
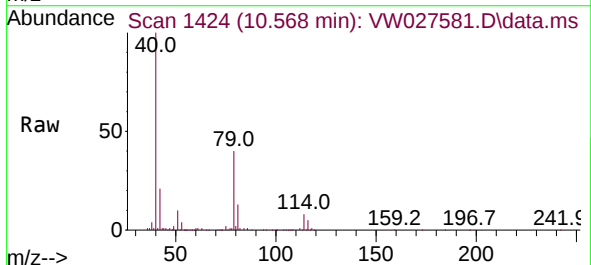
Instrument :
MSVOA_W
ClientSampleId :

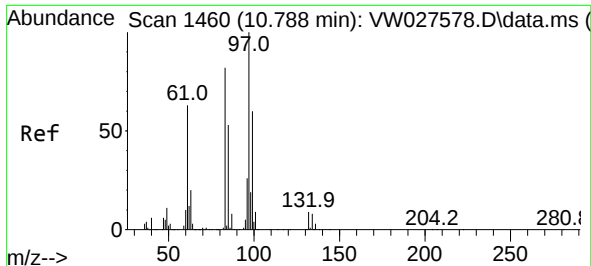
Tgt Ion: 91 Resp: 11624
Ion Ratio Lower Upper
91 100
92 64.4 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 0.297 ug/L
RT: 10.568 min Scan# 1424
Delta R.T. -0.037 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

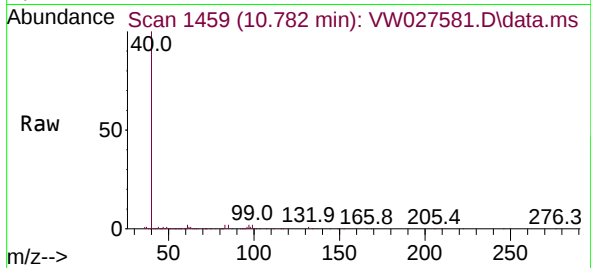
Tgt Ion: 75 Resp: 1308
Ion Ratio Lower Upper
75 100
77 43.5 23.7 44.1



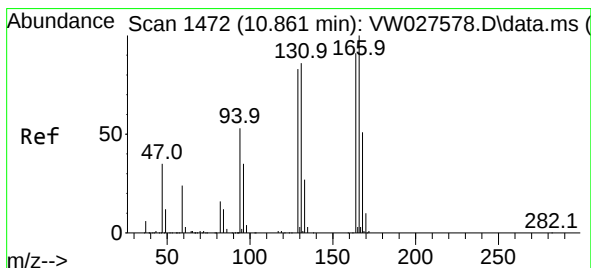
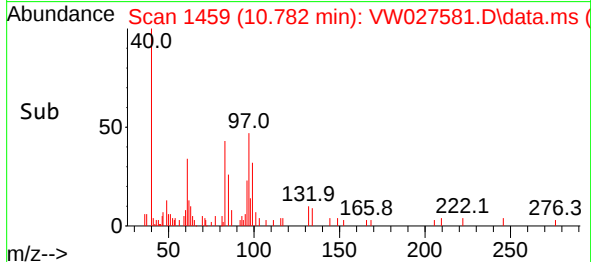
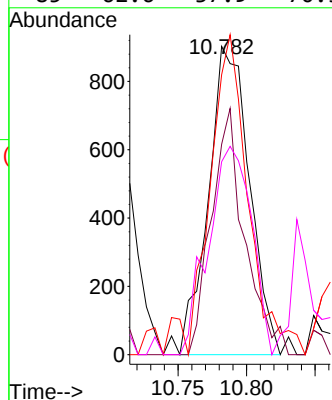


#45
1,1,2-Trichloroethane
Concen: 0.712 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Instrument :
MSVOA_W
ClientSampleId :

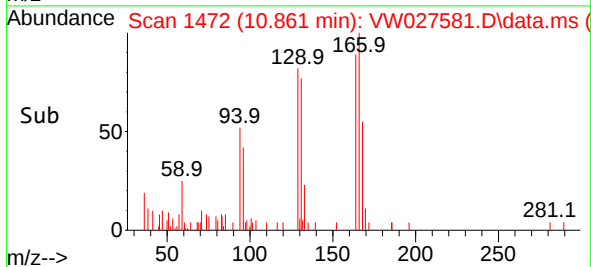
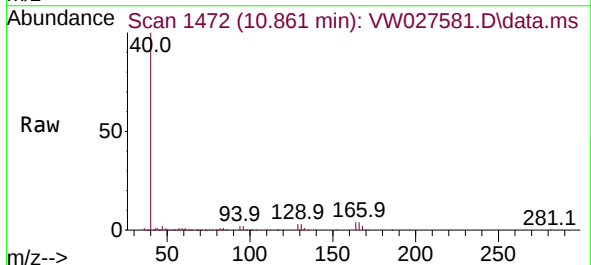
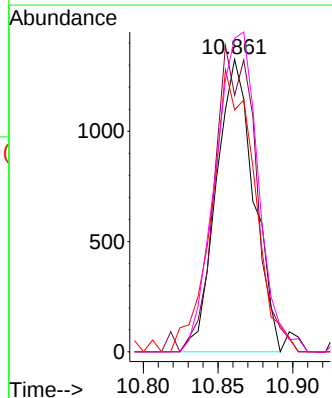


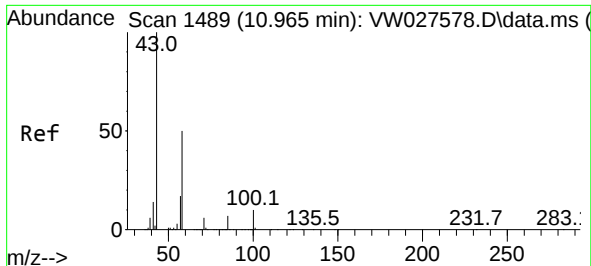
Tgt Ion: 97	Resp: 1877
Ion Ratio	Lower Upper
97 100	
99 68.2	42.8 79.4
83 90.8	59.9 111.3
85 62.6	37.9 70.5



#46
Tetrachloroethene
Concen: 0.831 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

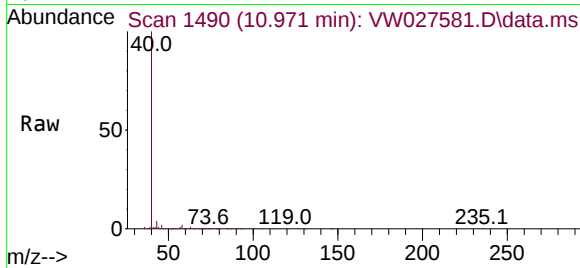
Tgt Ion:164	Resp: 2321
Ion Ratio	Lower Upper
164 100	
129 87.6	71.0 131.8
131 82.7	61.2 113.6
166 107.2	86.6 160.8



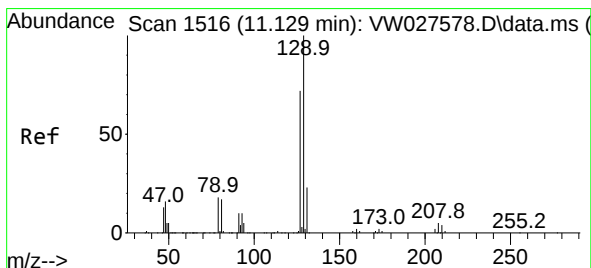
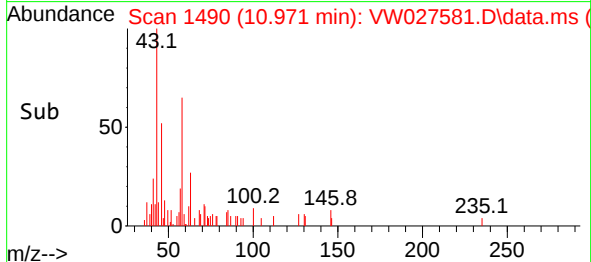
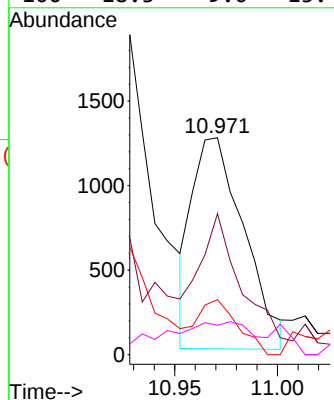


#48
2-Hexanone
Concen: 1.213 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Instrument :
MSVOA_W
ClientSampleId :

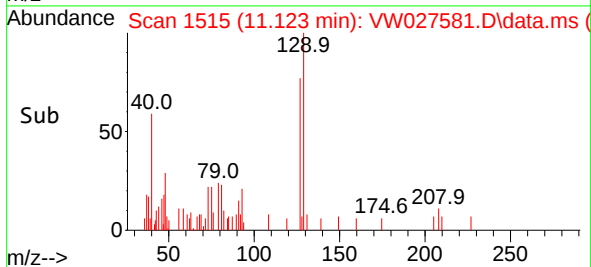
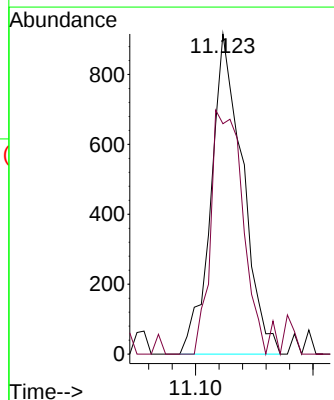
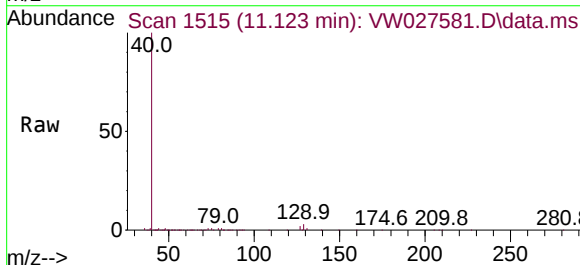


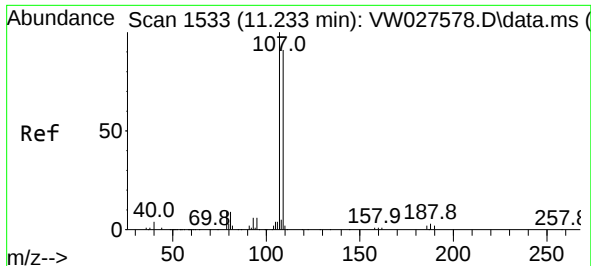
Tgt Ion: 43 Resp: 2188
Ion Ratio Lower Upper
43 100
58 46.6 40.8 61.2
57 20.9 14.8 22.2
100 18.3 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.658 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion: 129 Resp: 1715
Ion Ratio Lower Upper
129 100
127 71.9 52.3 97.1





#50

1,2-Dibromoethane

Concen: 0.746 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027581.D

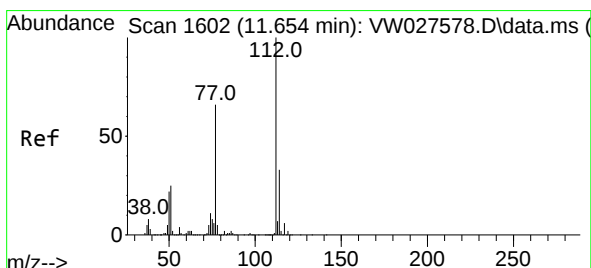
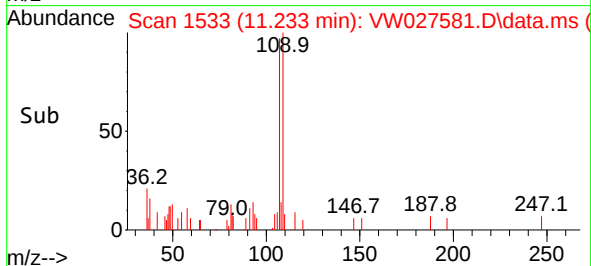
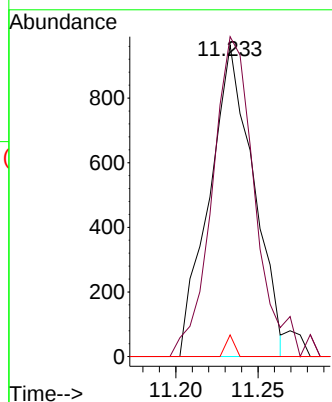
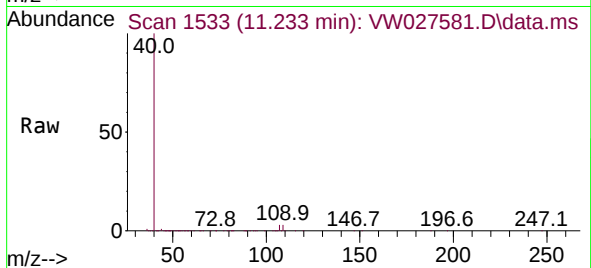
Acq: 08 Dec 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	1800
Ion	Ratio	Lower	Upper
107	100		
109	102.7	64.8	120.3
188	7.0	2.7	4.1#



#51

Chlorobenzene

Concen: 0.723 ug/L

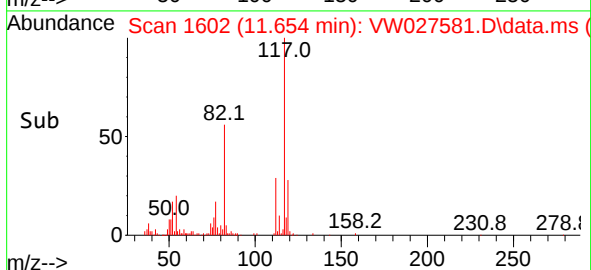
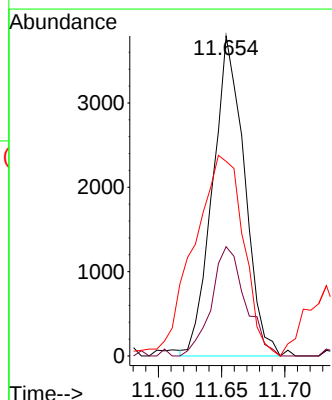
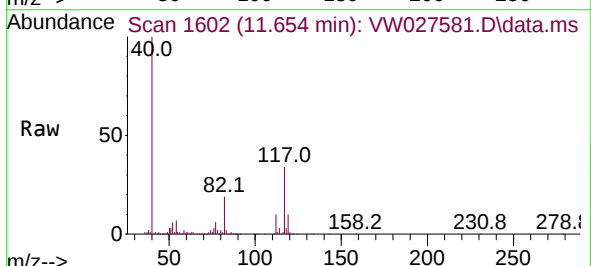
RT: 11.654 min Scan# 1602

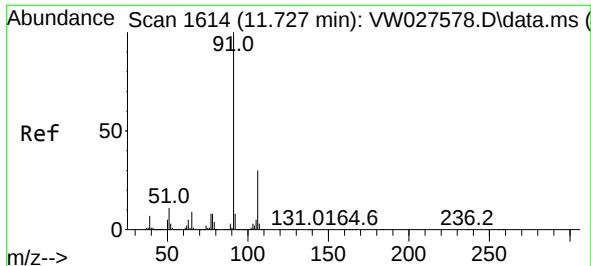
Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Tgt Ion:	112	Resp:	6616
Ion	Ratio	Lower	Upper
112	100		
114	34.1	21.5	39.9
77	60.8	50.6	76.0

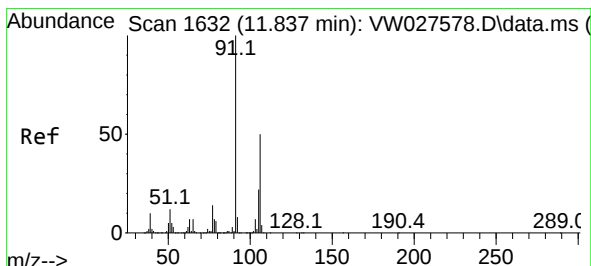
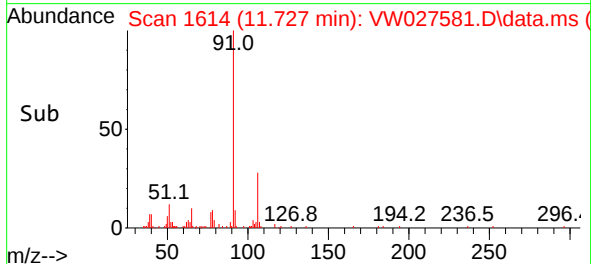
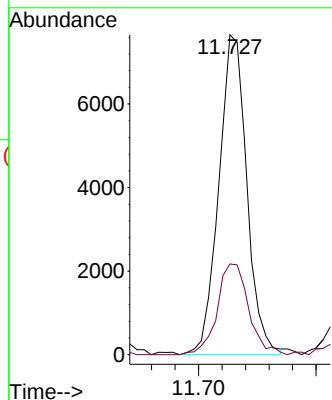
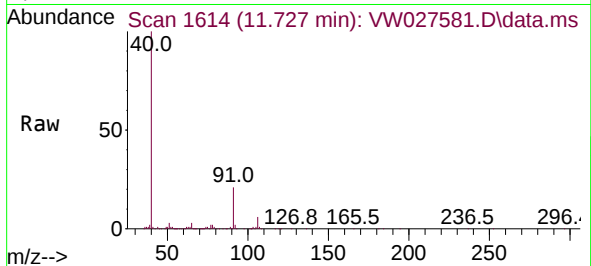




#52
Ethylbenzene
Concen: 0.736 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

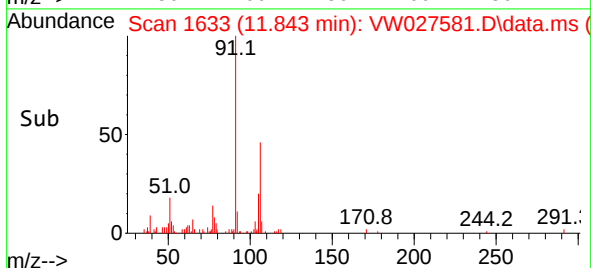
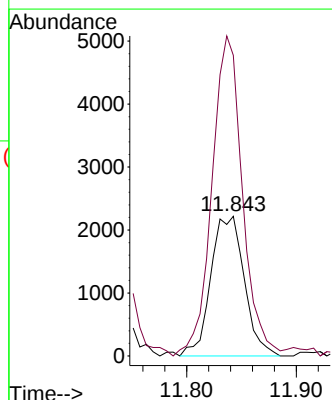
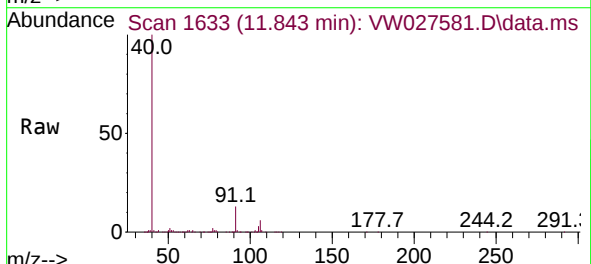
Instrument :
MSVOA_W
ClientSampleId :

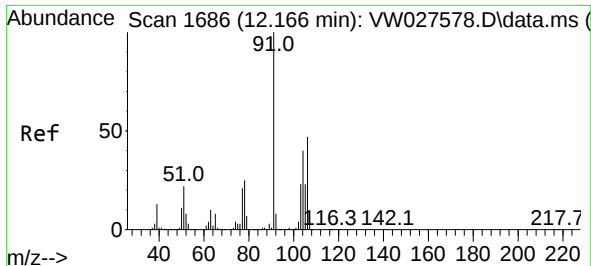
Tgt Ion: 91 Resp: 12682
Ion Ratio Lower Upper
91 100
106 28.3 19.5 36.1



#53
m,p-Xylene
Concen: 0.742 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion:106 Resp: 4714
Ion Ratio Lower Upper
106 100
91 215.1 142.1 263.9

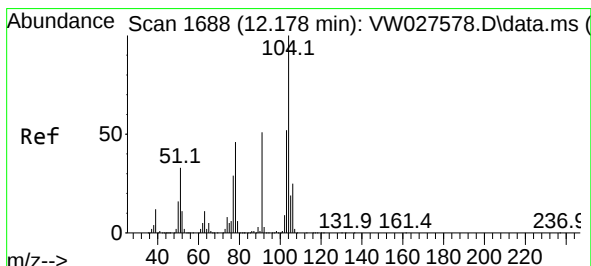
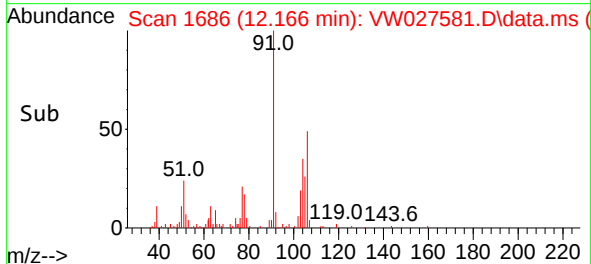
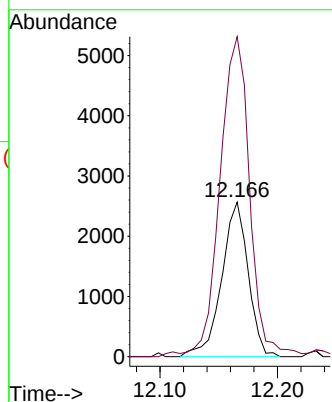
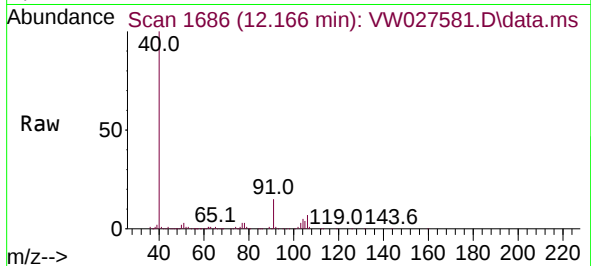




#54
o-Xylene
Concen: 0.697 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

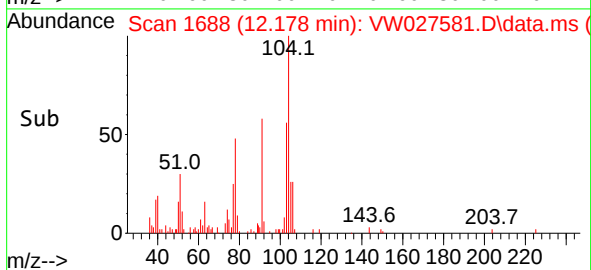
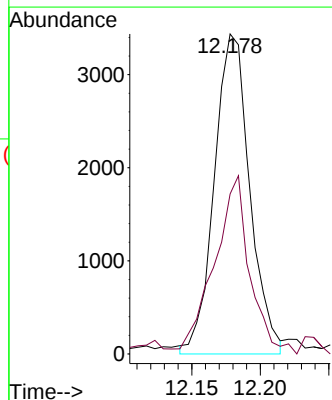
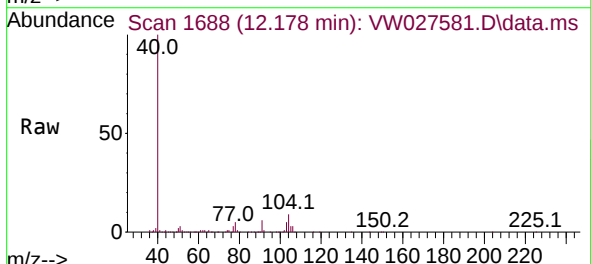
Instrument :
MSVOA_W
ClientSampleId :

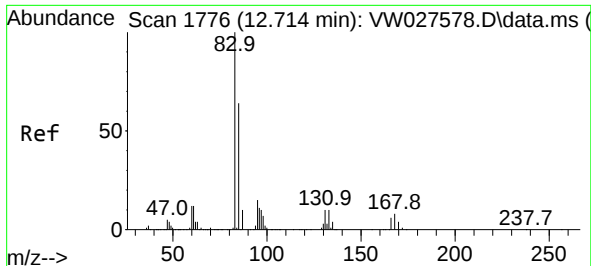
Tgt Ion:106 Resp: 4023
Ion Ratio Lower Upper
106 100
91 207.1 158.8 295.0



#55
Styrene
Concen: 0.627 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion:104 Resp: 6176
Ion Ratio Lower Upper
104 100
78 50.0 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.697 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW027581.D

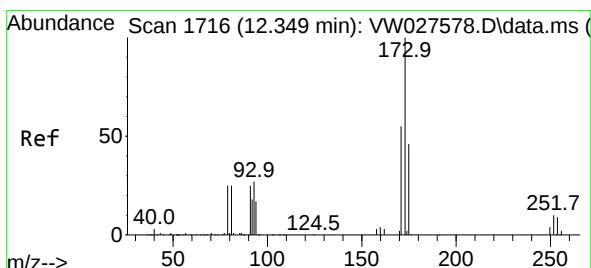
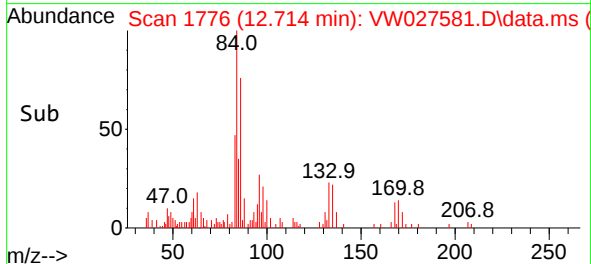
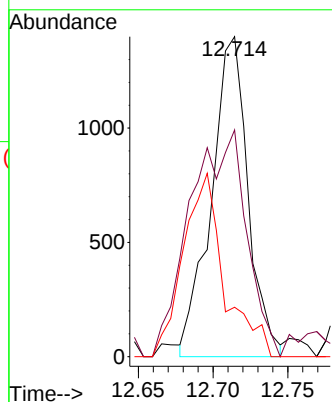
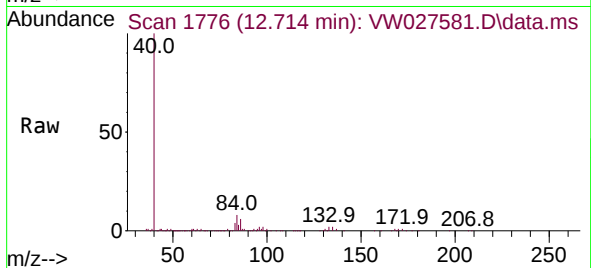
Acq: 08 Dec 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	2392
Ion Ratio	Lower	Upper	
83	100		
85	70.9	41.9	77.7
131	15.4	7.0	10.6#



#59

Bromoform

Concen: 0.782 ug/L

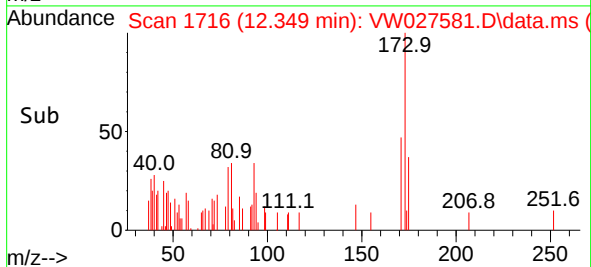
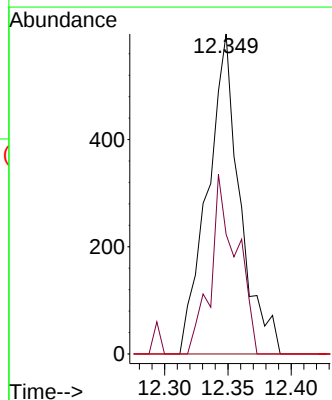
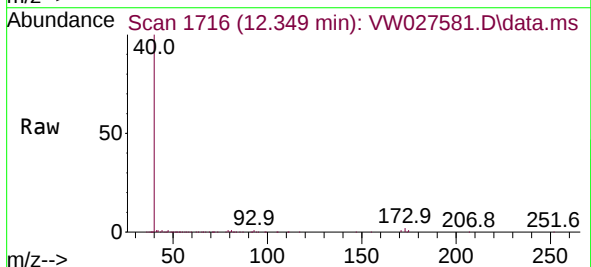
RT: 12.349 min Scan# 1716

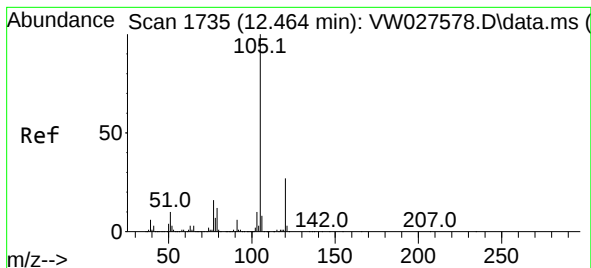
Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Tgt Ion:	173	Resp:	1063
Ion Ratio	Lower	Upper	
173	100		
175	16.5	39.4	59.0#
254	0.0	7.8	11.8#





#60

Isopropylbenzene

Concen: 0.760 ug/L

RT: 12.458 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VW027581.D

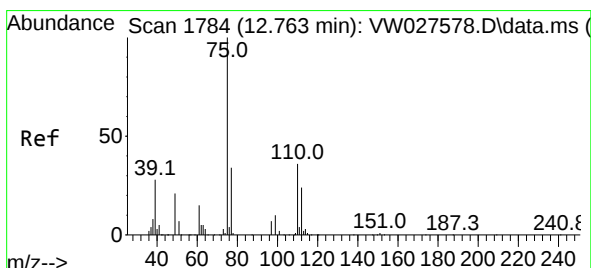
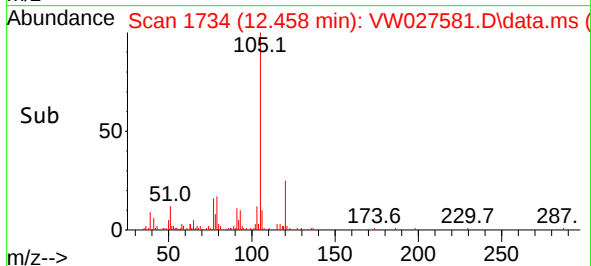
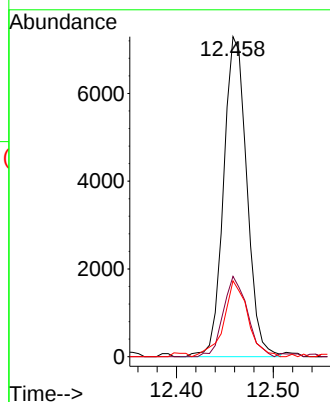
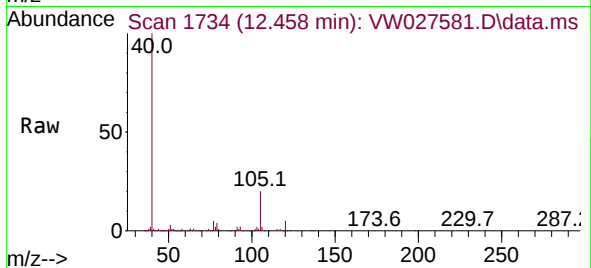
Acq: 08 Dec 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	12169
Ion Ratio	Lower	Upper	
105	100		
120	26.0	20.3	30.5
77	24.5	13.1	19.7#



#61

1,2,3-Trichloropropane

Concen: 0.761 ug/L

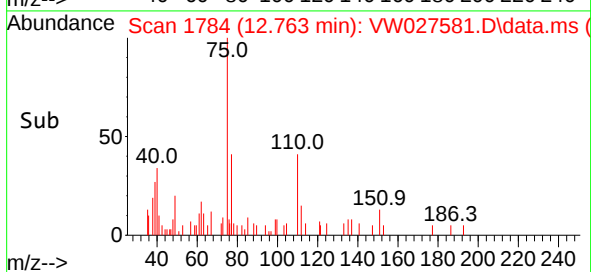
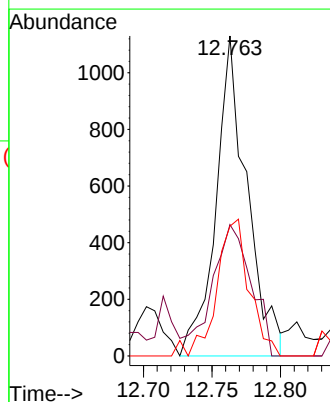
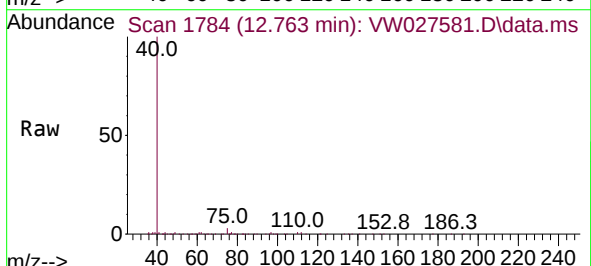
RT: 12.763 min Scan# 1784

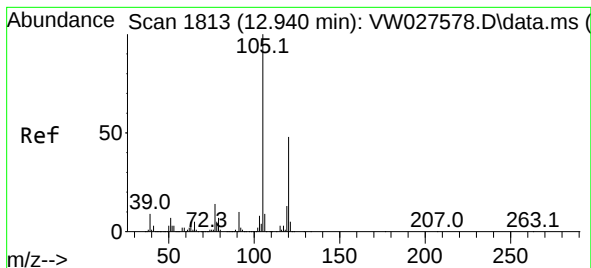
Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Tgt Ion:	75	Resp:	1782
Ion Ratio	Lower	Upper	
75	100		
77	51.8	26.6	39.8#
110	43.8	30.2	45.4





#62

1,3,5-Trimethylbenzene

Concen: 0.704 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Instrument :

MSVOA_W

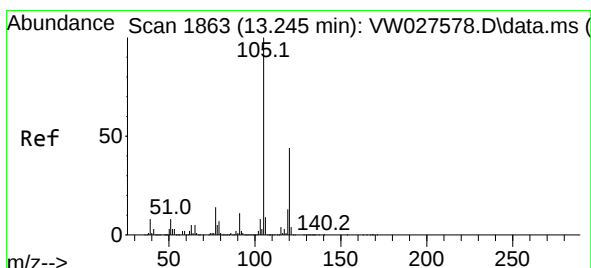
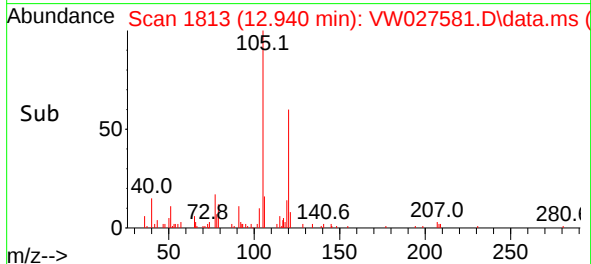
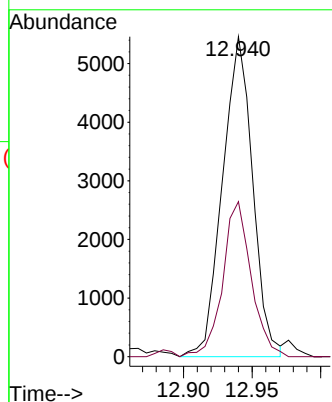
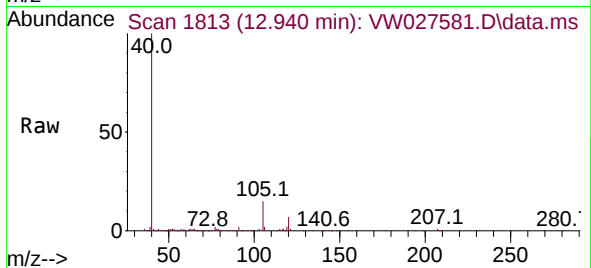
ClientSampleId :

Tgt Ion:105 Resp: 8346

Ion Ratio Lower Upper

105 100

120 45.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.740 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027581.D

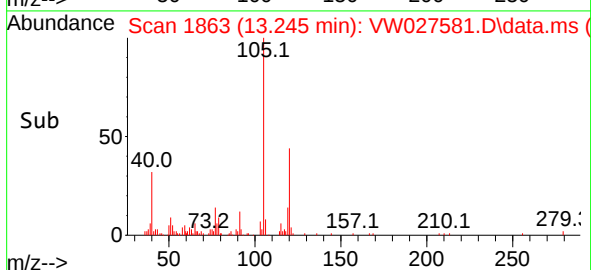
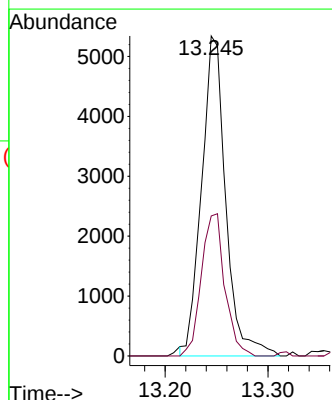
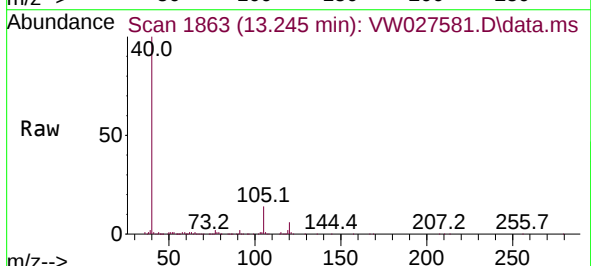
Acq: 08 Dec 2023 09:45

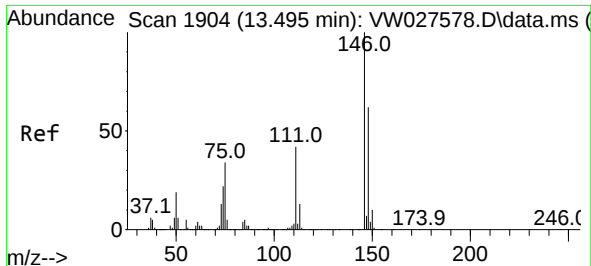
Tgt Ion:105 Resp: 8732

Ion Ratio Lower Upper

105 100

120 43.2 36.9 55.3

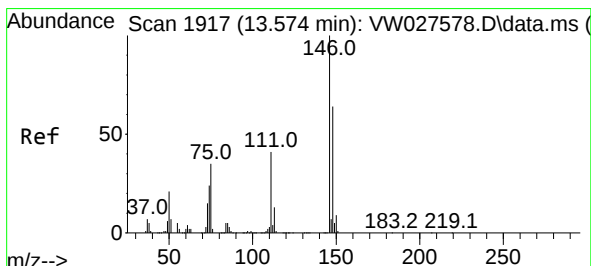
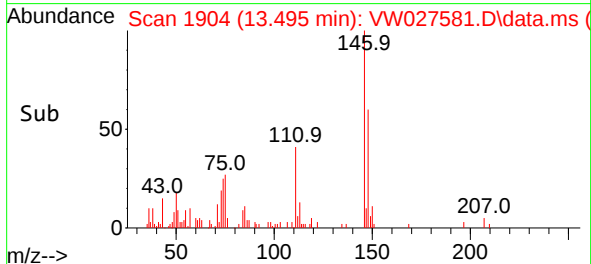
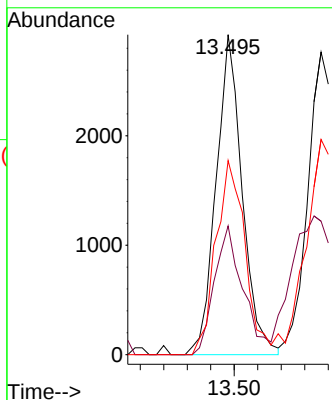
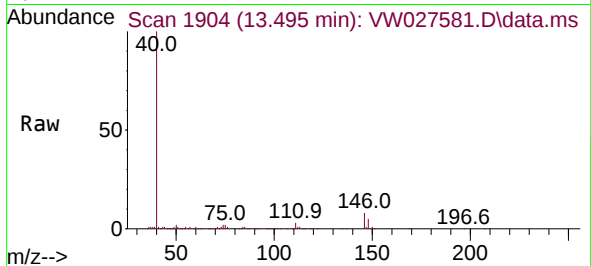




#64
1,3-Dichlorobenzene
Concen: 0.736 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

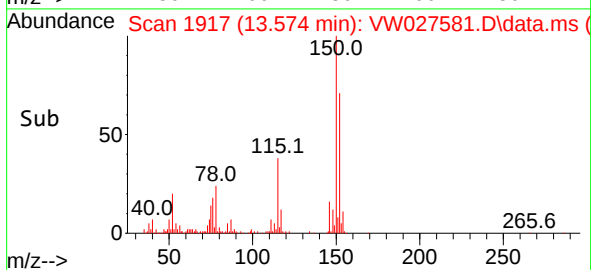
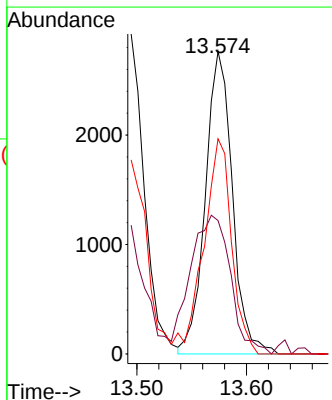
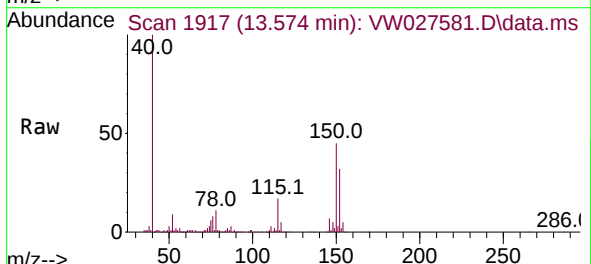
Instrument :
MSVOA_W
ClientSampleId :

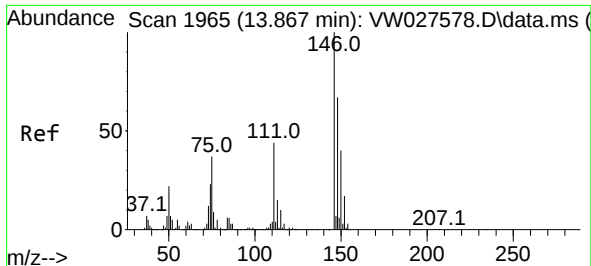
Tgt Ion:146 Resp: 4515
Ion Ratio Lower Upper
146 100
111 40.3 29.5 54.7
148 60.6 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 0.774 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027581.D
Acq: 08 Dec 2023 09:45

Tgt Ion:146 Resp: 4739
Ion Ratio Lower Upper
146 100
111 44.1 28.9 53.7
148 71.1 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 0.772 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

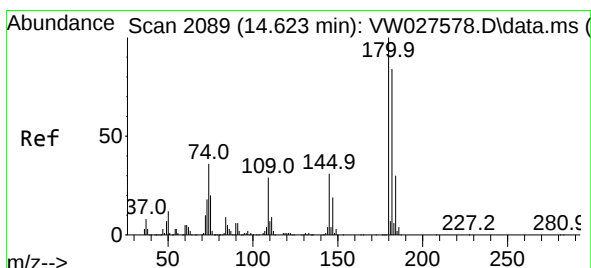
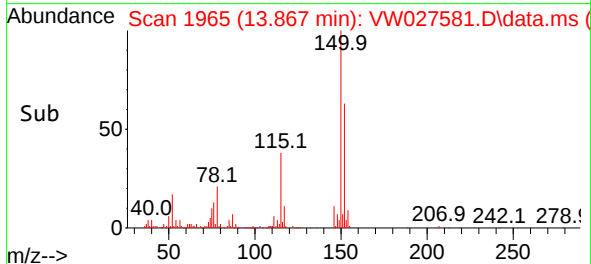
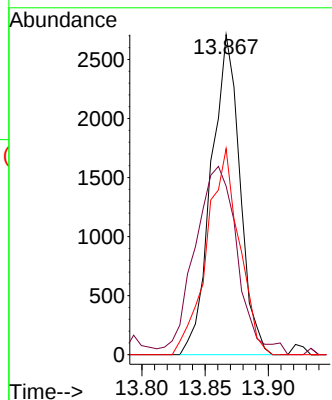
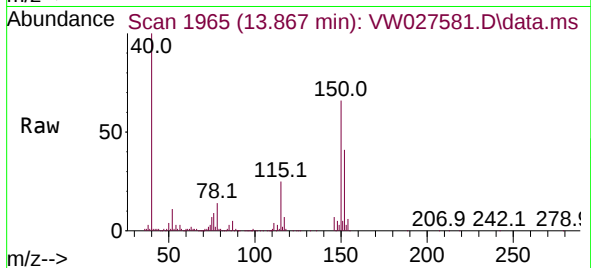
Tgt Ion:146 Resp: 4267

Ion Ratio Lower Upper

146 100

111 52.7 33.9 50.9#

148 64.4 49.5 74.3



#69

1,3,5-Trichlorobenzene

Concen: 0.713 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.006 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Tgt Ion:180 Resp: 2943

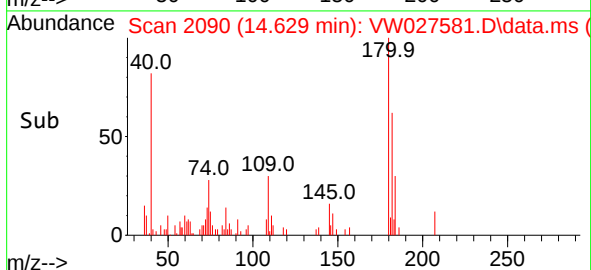
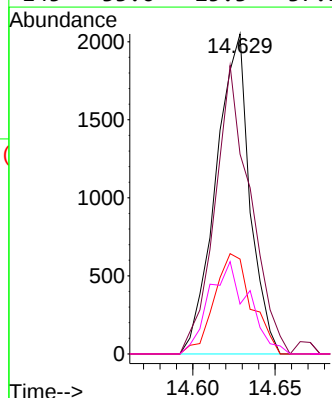
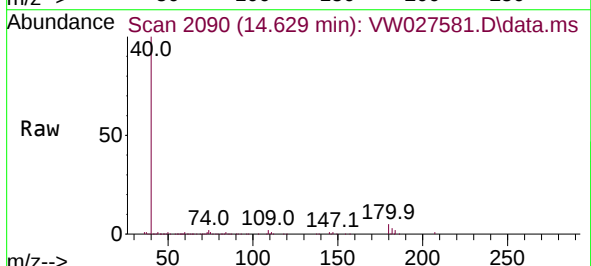
Ion Ratio Lower Upper

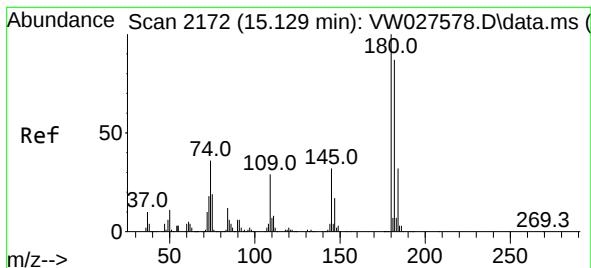
180 100

182 94.1 73.2 109.8

184 34.7 25.4 38.2

145 33.6 25.3 37.9





#70

1,2,4-trichlorobenzene

Concen: 0.739 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

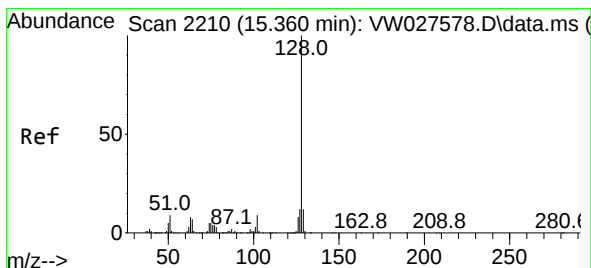
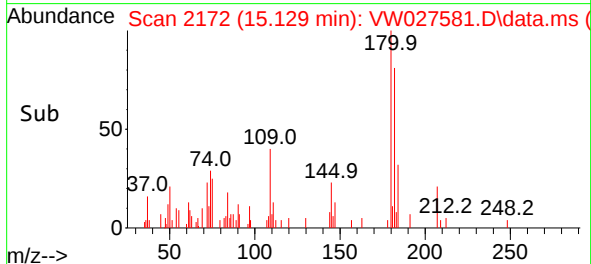
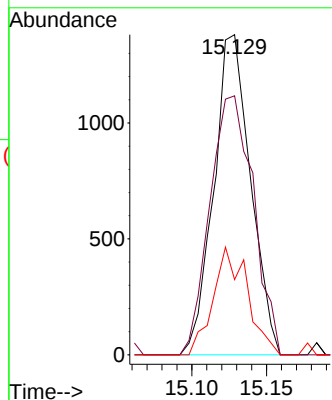
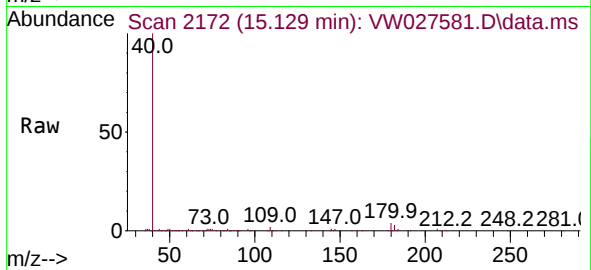
Tgt Ion:180 Resp: 2368

Ion Ratio Lower Upper

180 100

182 95.4 78.7 118.1

145 31.2 26.8 40.2



#71

Naphthalene

Concen: 0.707 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027581.D

Acq: 08 Dec 2023 09:45

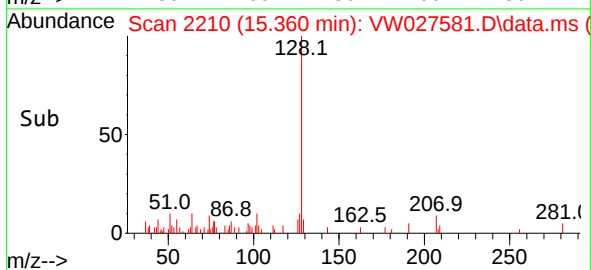
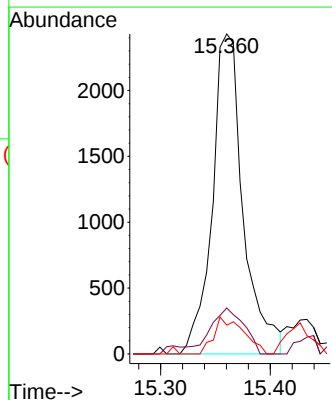
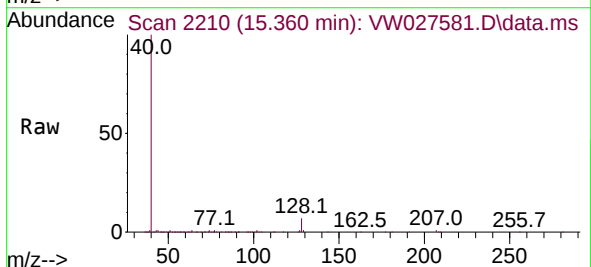
Tgt Ion:128 Resp: 4763

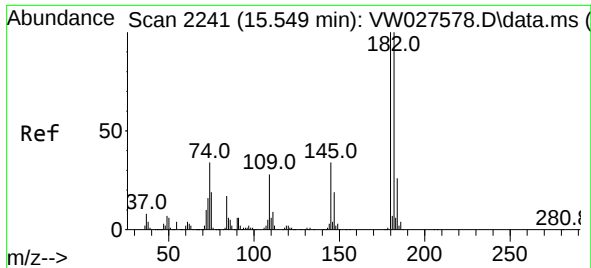
Ion Ratio Lower Upper

128 100

127 15.1 10.3 15.5

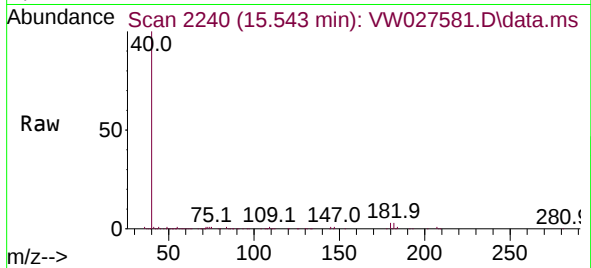
129 11.0 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.731 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW027581.D
 Acq: 08 Dec 2023 09:45

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.9	72.4	108.6
145	42.8	27.4	41.0

