

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
 Data File : VW026941.D
 Acq On : 28 Aug 2023 15:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 22:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	291845	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291193	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	165865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	92112	19.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.800%
7) Chloroethane-d5	2.893	69	78225	21.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
11) 1,1-Dichloroethene-d2	4.021	65	51609	21.872	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.480%
21) 2-Butanone-d5	7.075	46	76684	55.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.220%
24) Chloroform-d	7.648	84	269801	27.544	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.160%
26) 1,2-Dichloroethane-d4	8.301	65	164162	30.370	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.480%
32) Benzene-d6	8.276	84	479953	23.915	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.270	67	154857	24.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.080%
41) Toluene-d8	10.319	98	418304	24.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.575	79	64791	25.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.400%
47) 2-Hexanone-d5	10.922	63	39099	59.524	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	134157	27.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	151758	25.563	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	94498	23.815	ug/L	93
3) Chloromethane	2.222	50	121159	22.330	ug/L	97
5) Vinyl chloride	2.375	62	118608	22.867	ug/L	95
6) Bromomethane	2.783	94	67964	22.490	ug/L	99
8) Chloroethane	2.930	64	71248	22.925	ug/L	99
9) Trichlorofluoromethane	3.265	101	88425	20.773	ug/L	97
12) 1,1-Dichloroethene	4.051	96	102246	23.703	ug/L	89
13) Acetone	4.118	43	62105	45.297	ug/L	99
14) Carbon disulfide	4.393	76	303218	19.539	ug/L	99
15) Methyl Acetate	4.667	43	78701	28.656	ug/L	100
16) Methylene chloride	4.917	84	126545	22.415	ug/L	92
17) trans-1,2-Dichloroethene	5.417	96	115159	23.923	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	230601	31.661	ug/L	96
19) 1,1-Dichloroethane	6.210	63	275208	27.779	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	139071	26.879	ug/L	98
22) 2-Butanone	7.167	43	99535	49.262	ug/L	99
23) Bromochloromethane	7.514	128	57650	25.794	ug/L	89
25) Chloroform	7.673	83	275230	28.756	ug/L	97
27) 1,2-Dichloroethane	8.398	62	214311	32.097	ug/L	96

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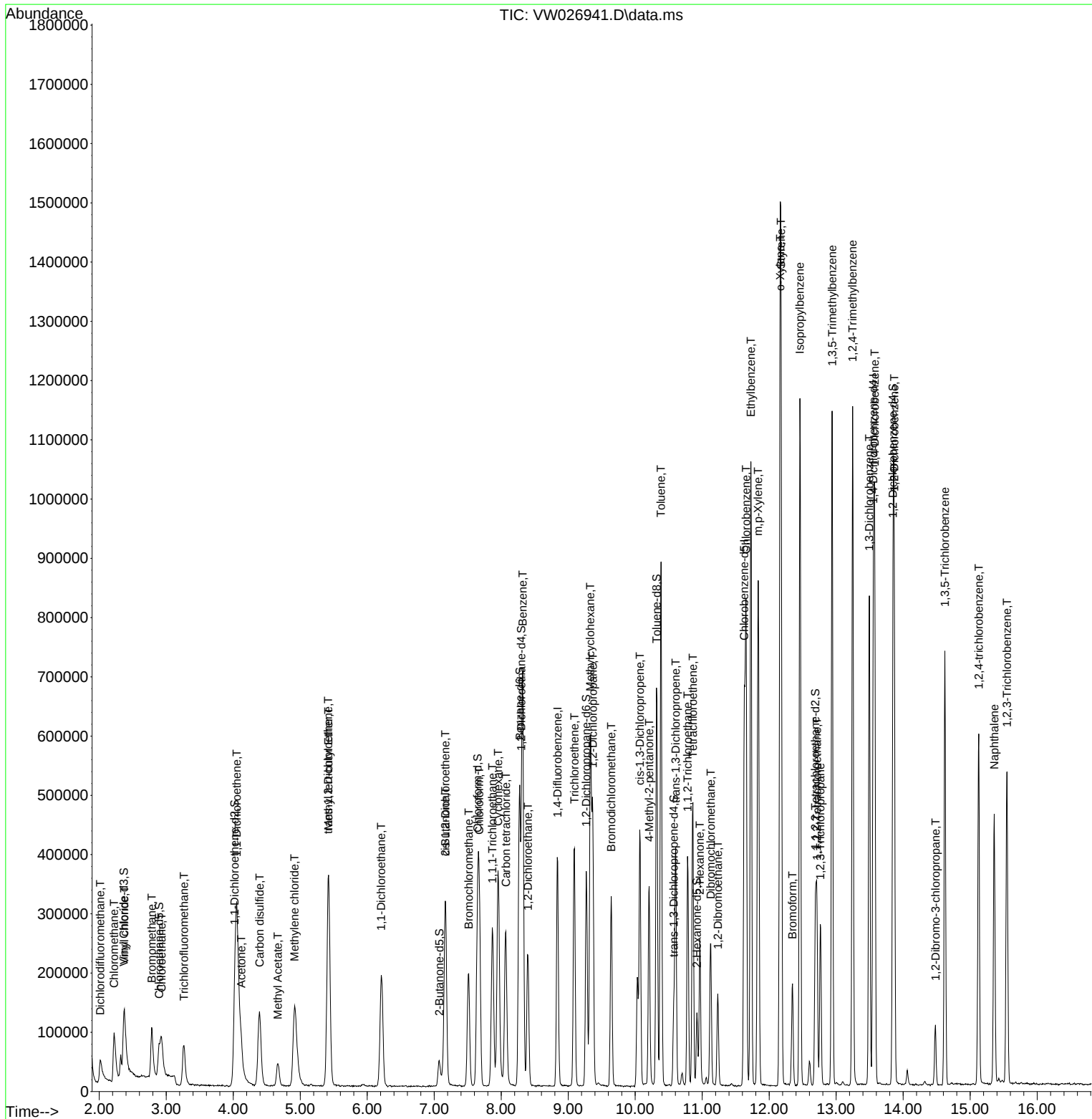
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 ClientSampleId :

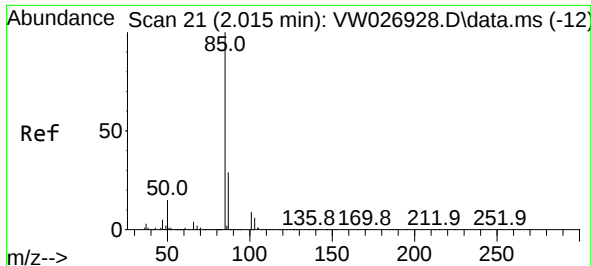
Quant Time: Aug 28 22:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	210654	23.393	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	214531	28.229	ug/L	98
31) Carbon tetrachloride	8.069	117	198030	28.499	ug/L	96
33) Benzene	8.319	78	554568	26.152	ug/L	100
34) Trichloroethene	9.093	95	133814	24.777	ug/L	99
35) Methylcyclohexane	9.331	83	215965	23.375	ug/L	97
37) 1,2-Dichloropropane	9.367	63	155656	26.799	ug/L	99
38) Bromodichloromethane	9.642	83	201796	29.616	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	235557	28.191	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	232718	61.595	ug/L	98
42) Toluene	10.386	91	591991	27.597	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	205775	28.611	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	109117	27.469	ug/L	98
46) Tetrachloroethene	10.861	164	98327	25.060	ug/L	95
48) 2-Hexanone	10.965	43	160078	62.267	ug/L	95
49) Dibromochloromethane	11.129	129	119241	28.700	ug/L	97
50) 1,2-Dibromoethane	11.233	107	97816	26.243	ug/L	93
51) Chlorobenzene	11.654	112	358191	26.435	ug/L	94
52) Ethylbenzene	11.727	91	687941	28.598	ug/L	98
53) m,p-Xylene	11.837	106	249350	27.980	ug/L	98
54) o-Xylene	12.166	106	248121	29.832	ug/L	99
55) Styrene	12.178	104	434601	30.052	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	141405	28.107	ug/L	98
59) Bromoform	12.349	173	71592	27.554	ug/L	95
60) Isopropylbenzene	12.458	105	689740	27.970	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	107582	26.739	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	556877	28.570	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	572063	29.950	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	288182	26.871	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	294904	26.349	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	273399	28.034	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	27002	27.839	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	189790	26.194	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	164841	26.833	ug/L	97
71) Naphthalene	15.360	128	352605	30.090	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	153061	27.624	ug/L	98

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

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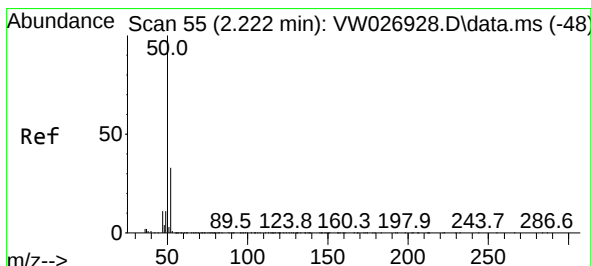
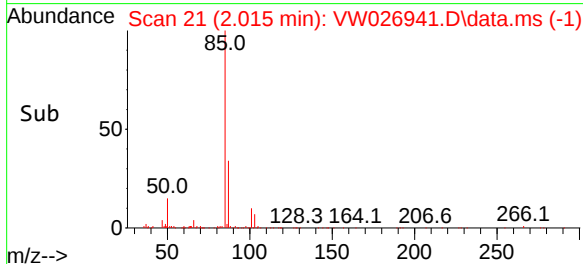
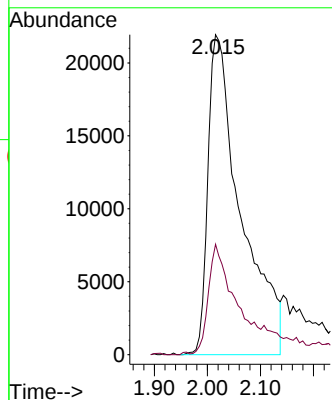
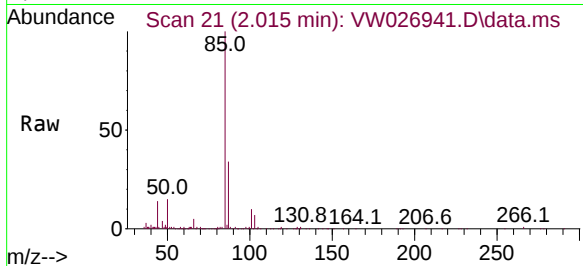




#2
Dichlorodifluoromethane
Concen: 23.815 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

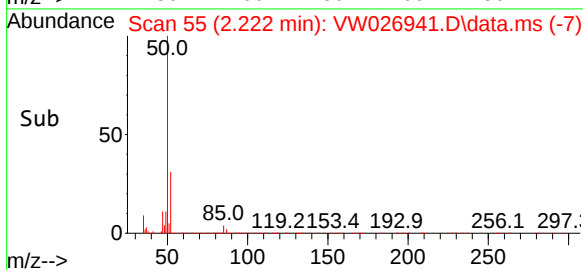
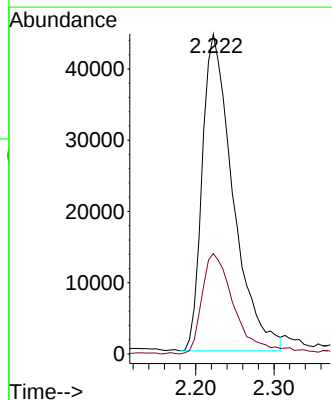
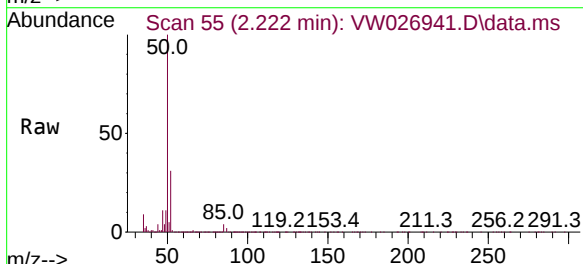
Instrument :
MSVOA_W
ClientSampleId :

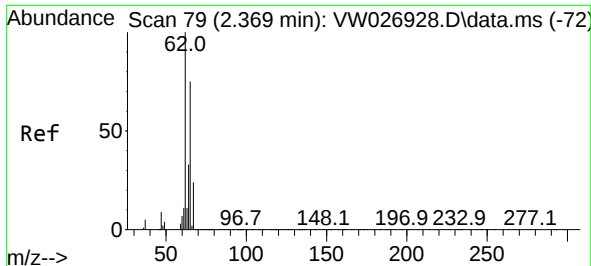
Tgt Ion: 85 Resp: 94498
Ion Ratio Lower Upper
85 100
87 28.0 19.5 29.3



#3
Chloromethane
Concen: 22.330 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

Tgt Ion: 50 Resp: 121159
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.8

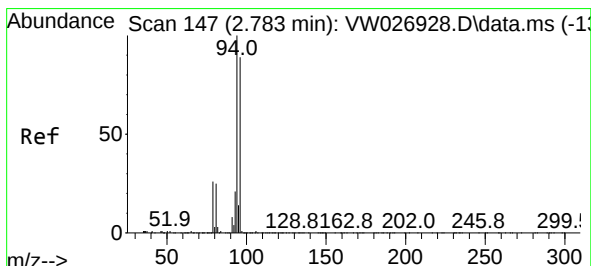
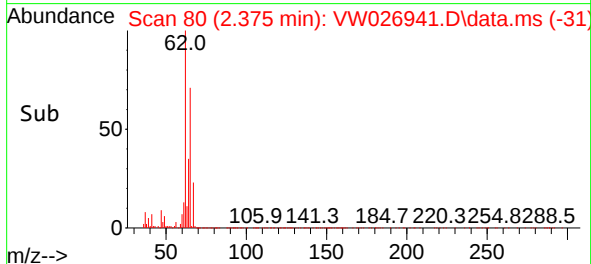
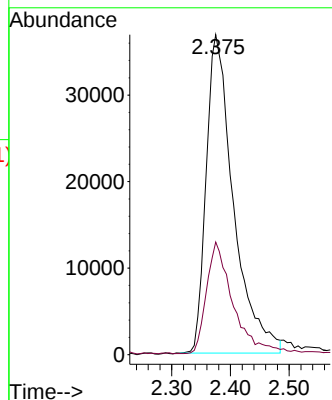
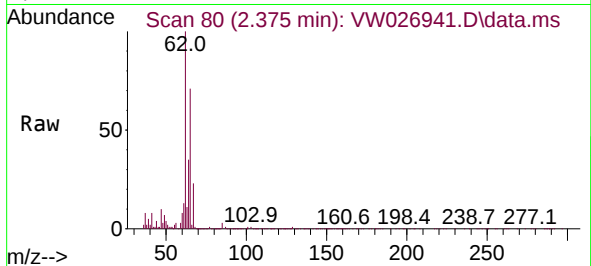




#5
 Vinyl chloride
 Concen: 22.867 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026941.D
 Acq: 28 Aug 2023 15:56

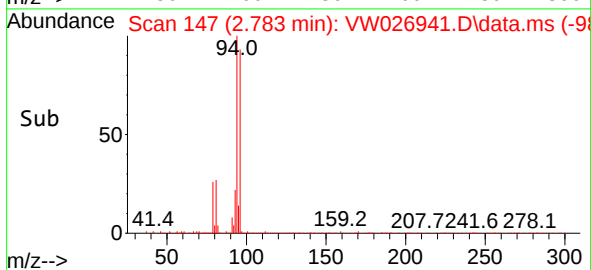
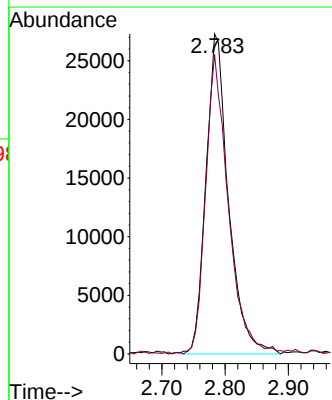
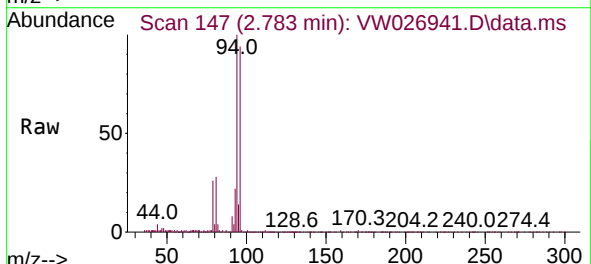
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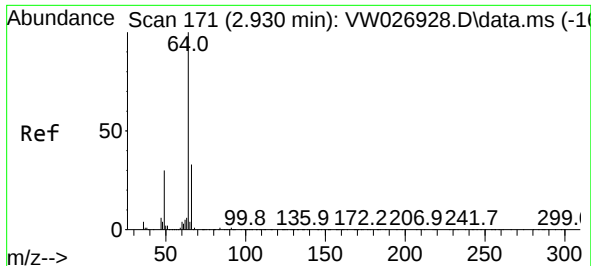
Tgt Ion: 62 Resp: 118608
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.7 42.3



#6
 Bromomethane
 Concen: 22.490 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026941.D
 Acq: 28 Aug 2023 15:56

Tgt Ion: 94 Resp: 67964
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.8 120.3

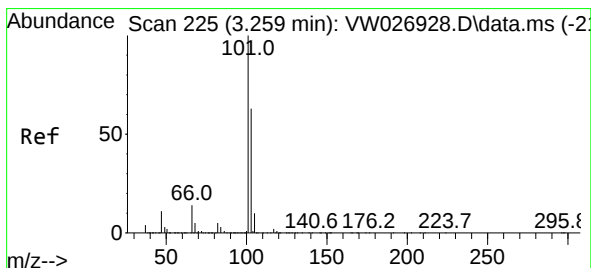
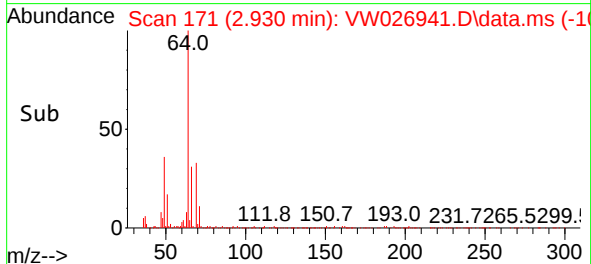
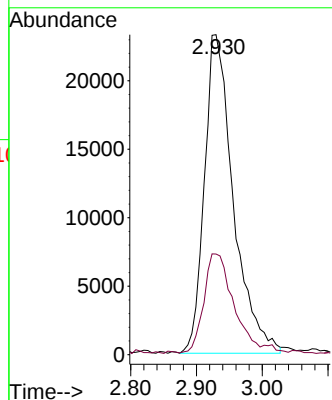
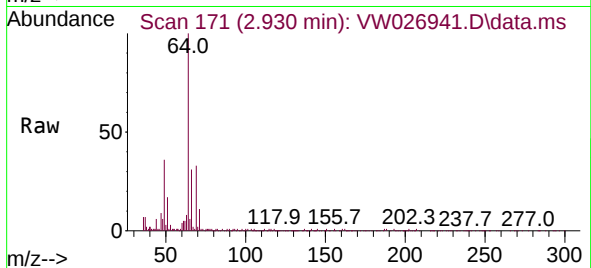




#8
Chloroethane
Concen: 22.925 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

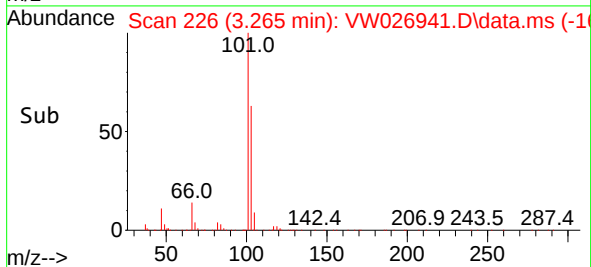
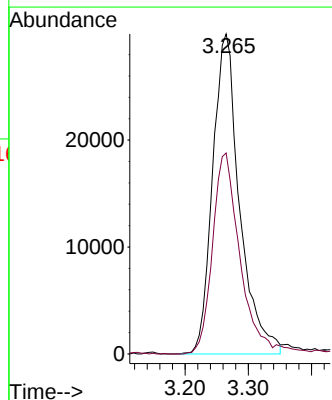
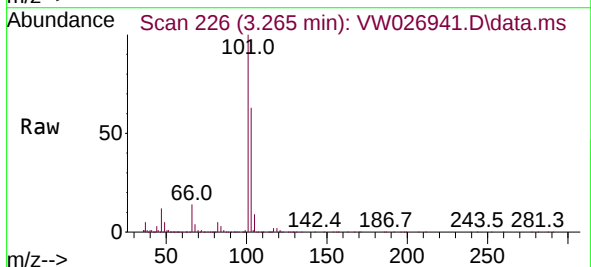
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ClientSampleId :

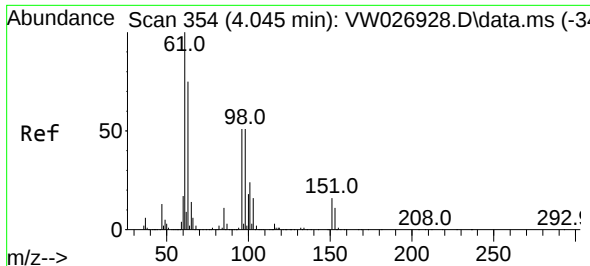
Tgt Ion: 64 Resp: 71248
Ion Ratio Lower Upper
64 100
66 31.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 20.773 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

Tgt Ion: 101 Resp: 88425
Ion Ratio Lower Upper
101 100
103 62.8 51.9 77.9





#12

1,1-Dichloroethene

Concen: 23.703 ug/L

RT: 4.051 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

ClientSampleId :

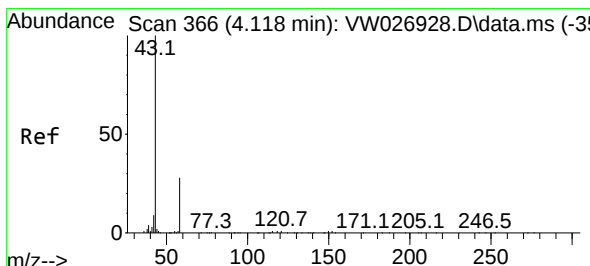
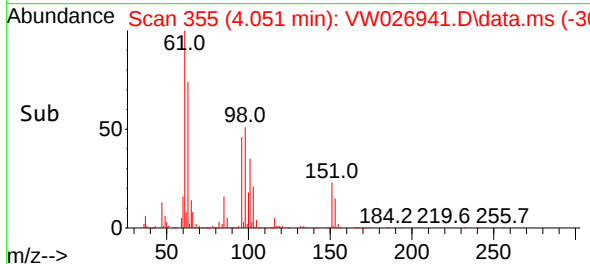
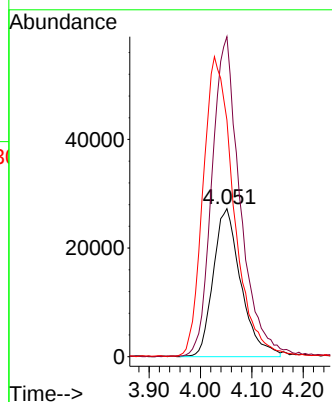
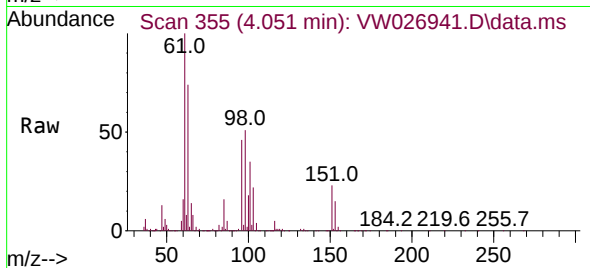
Tgt Ion: 96 Resp: 102246

Ion Ratio Lower Upper

96 100

61 216.2 133.2 247.4

63 159.9 109.0 202.4



#13

Acetone

Concen: 45.297 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW026941.D

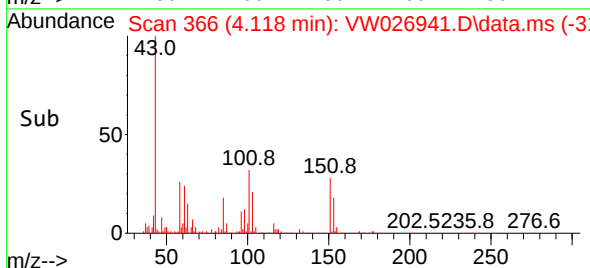
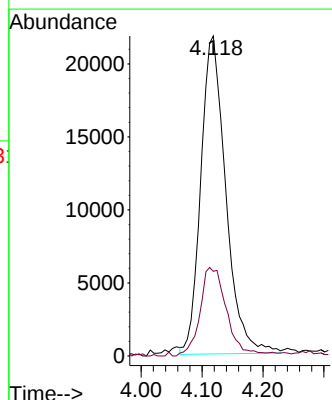
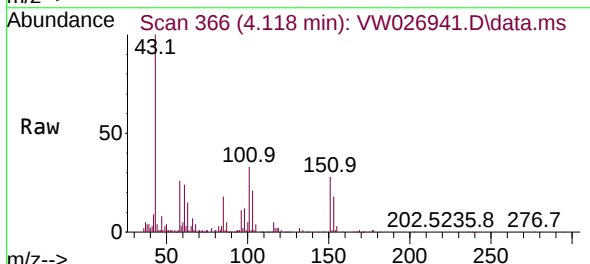
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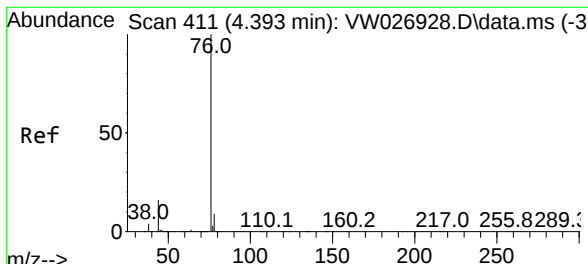
Tgt Ion: 43 Resp: 62105

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.4

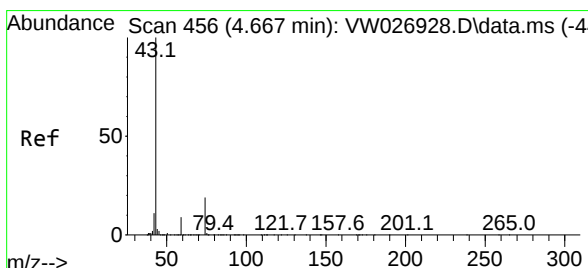
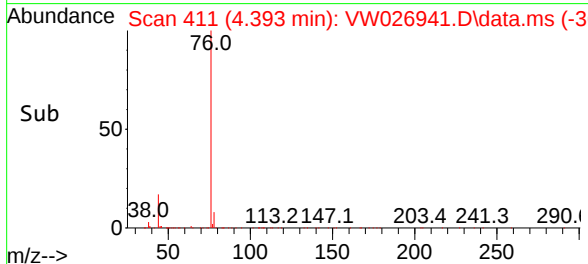
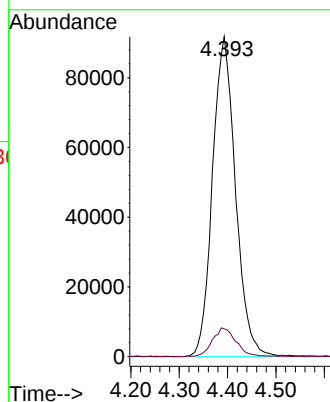
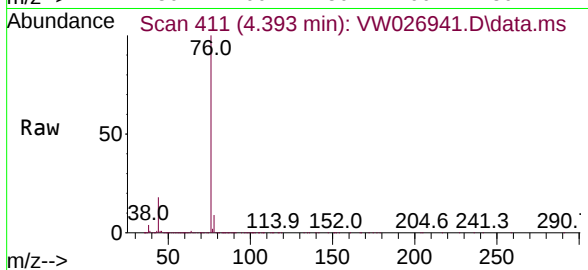




#14
Carbon disulfide
Concen: 19.539 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

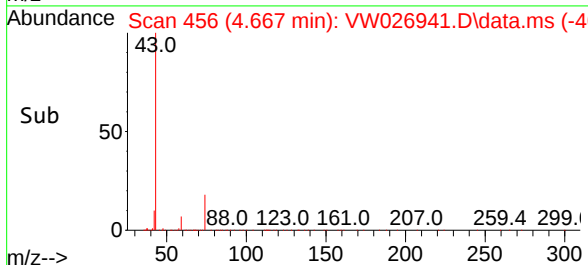
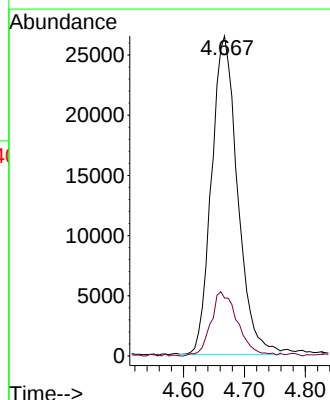
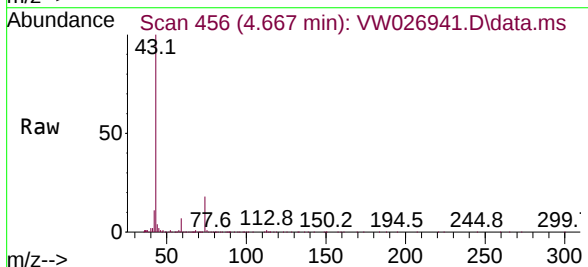
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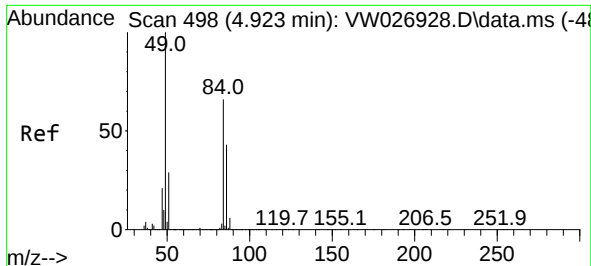
Tgt Ion: 76 Resp: 303218
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#15
Methyl Acetate
Concen: 28.656 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

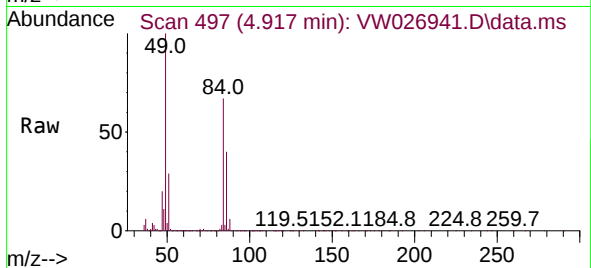
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Ion Ratio Lower Upper
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74 20.5 16.4 24.6



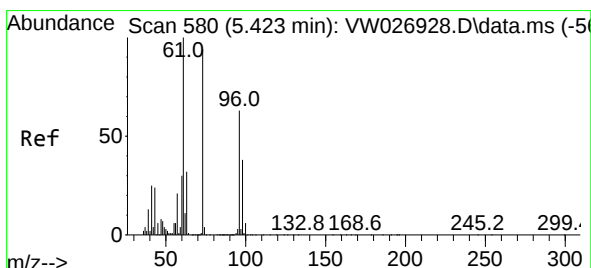
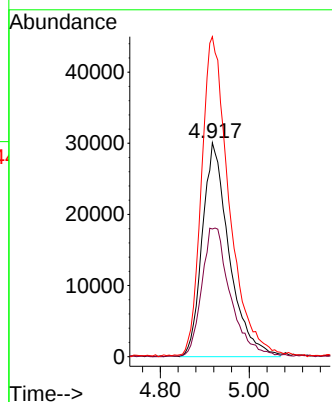
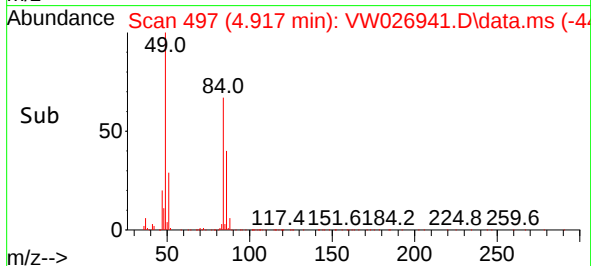


#16
Methylene chloride
Concen: 22.415 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

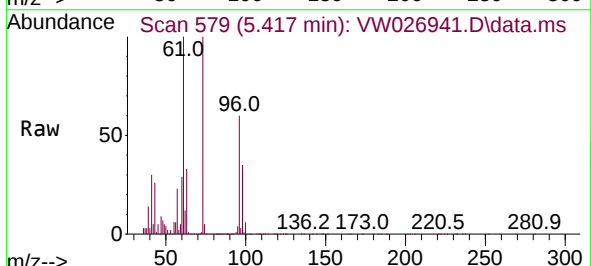
Instrument :
MSVOA_W
ClientSampleId :



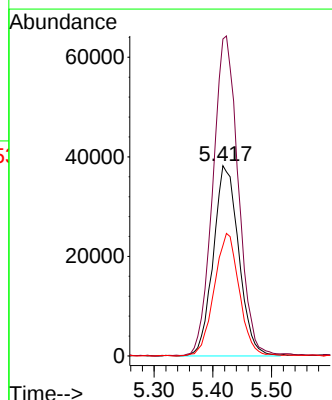
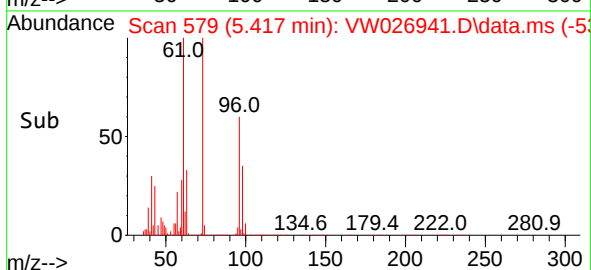
Tgt Ion: 84 Resp: 126545
Ion Ratio Lower Upper
84 100
86 59.7 43.5 80.9
49 149.6 96.0 178.2

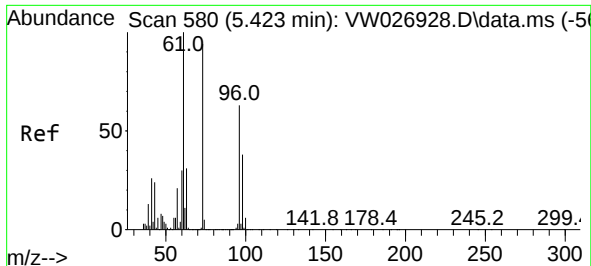


#17
trans-1,2-Dichloroethene
Concen: 23.923 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56



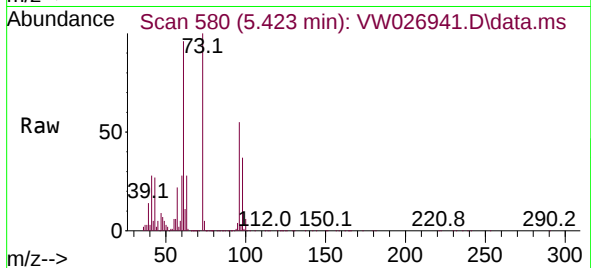
Tgt Ion: 96 Resp: 115159
Ion Ratio Lower Upper
96 100
61 166.6 109.4 203.2
98 58.0 43.6 81.0



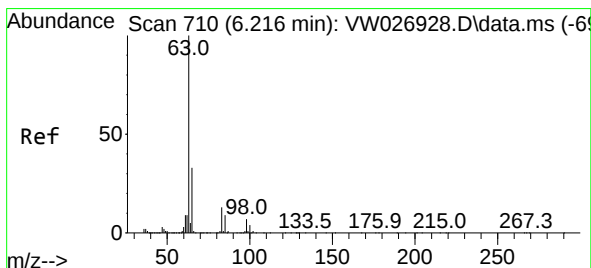
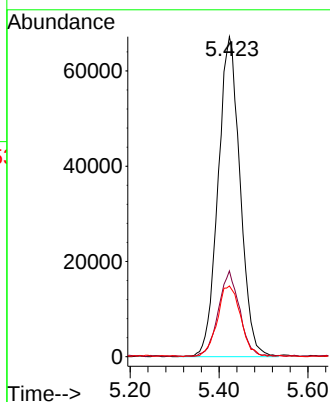
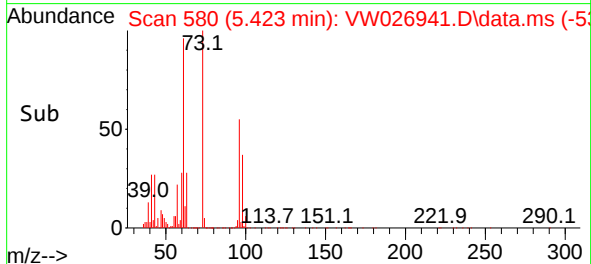


#18
Methyl tert-butyl Ether
Concen: 31.661 ug/L
RT: 5.423 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

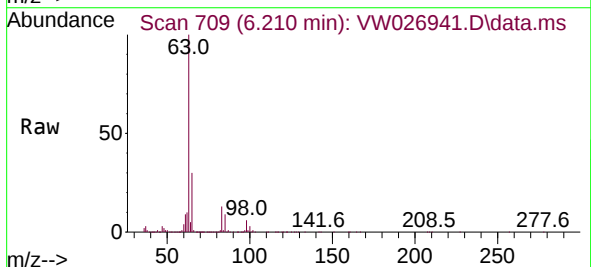
Instrument :
MSVOA_W
ClientSampleId :



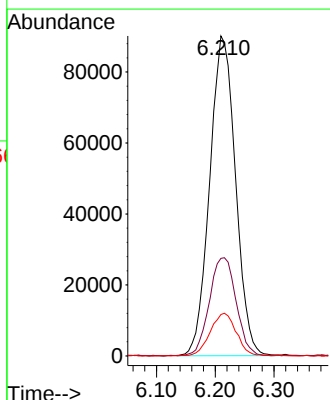
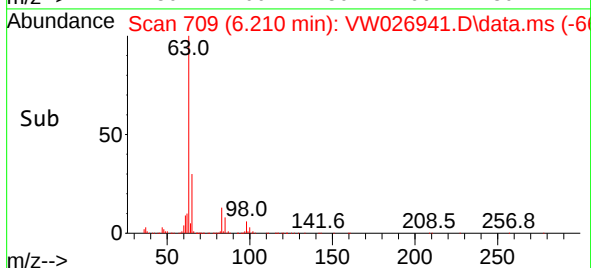
Tgt Ion: 73 Resp: 230601
Ion Ratio Lower Upper
73 100
43 25.5 18.0 27.0
57 23.2 19.3 28.9

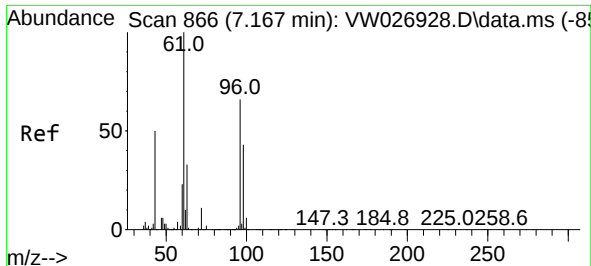


#19
1,1-Dichloroethane
Concen: 27.779 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56



Tgt Ion: 63 Resp: 275208
Ion Ratio Lower Upper
63 100
65 30.5 21.8 40.6
83 12.9 9.0 16.6

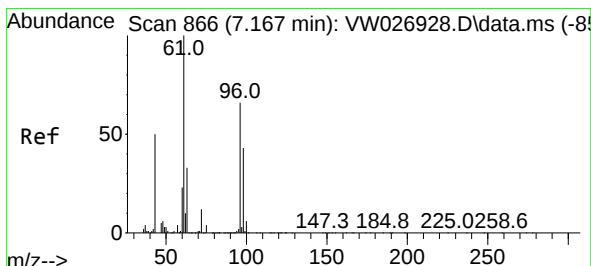
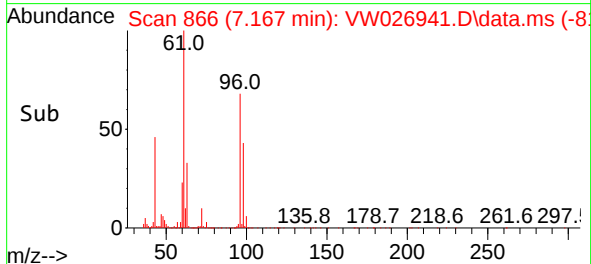
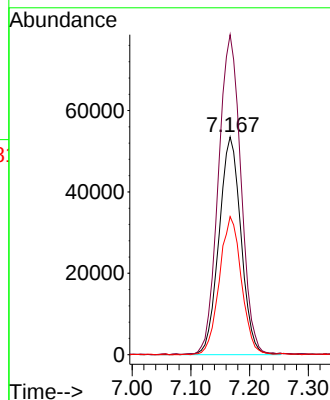
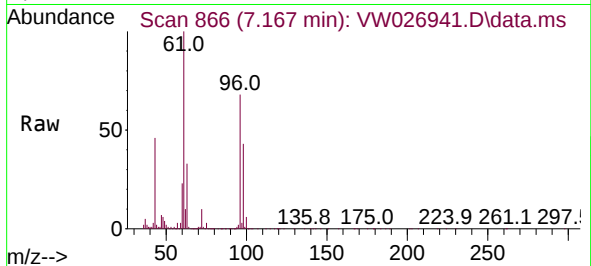




#20
 cis-1,2-Dichloroethene
 Concen: 26.879 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW026941.D
 Acq: 28 Aug 2023 15:56

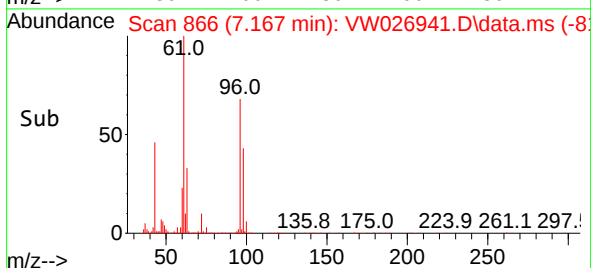
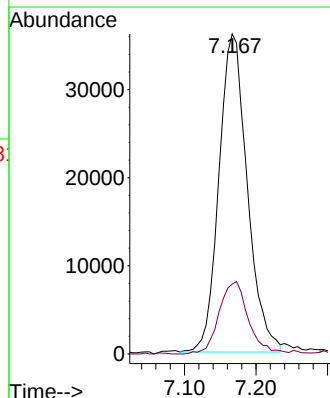
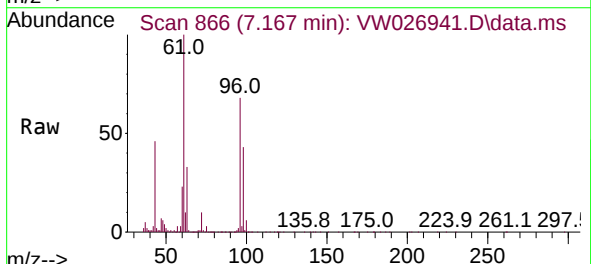
Instrument :
 MSVOA_W
 ClientSampleId :

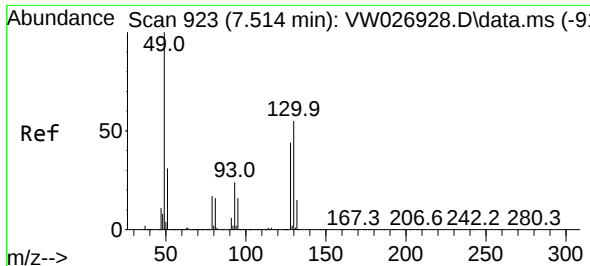
Tgt Ion: 96 Resp: 139071
 Ion Ratio Lower Upper
 96 100
 61 147.0 101.2 188.0
 98 63.4 43.8 81.3



#22
 2-Butanone
 Concen: 49.262 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW026941.D
 Acq: 28 Aug 2023 15:56

Tgt Ion: 43 Resp: 99535
 Ion Ratio Lower Upper
 43 100
 72 23.0 11.8 35.4

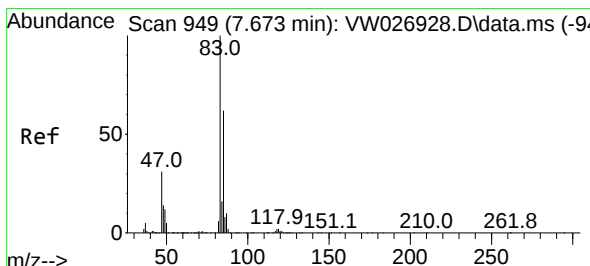
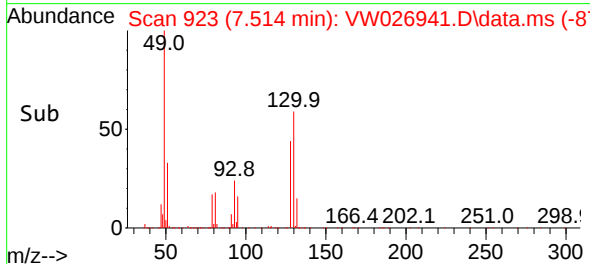
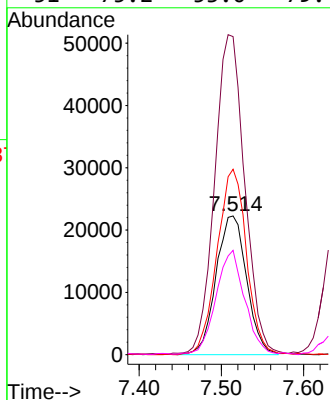
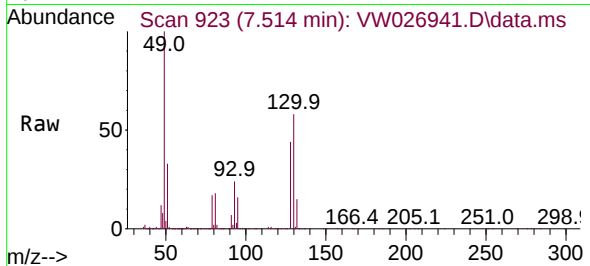




#23
Bromochloromethane
Concen: 25.794 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

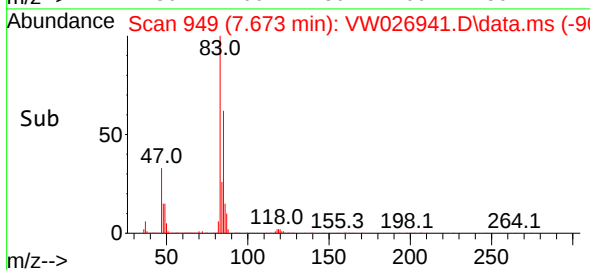
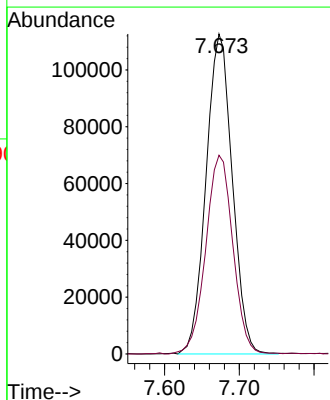
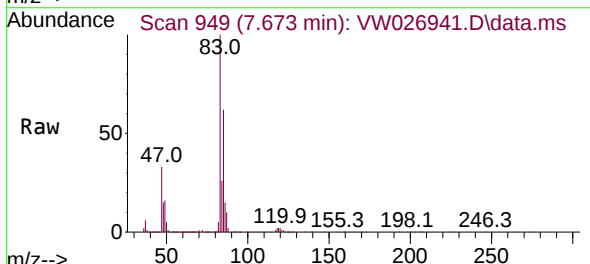
Instrument :
MSVOA_W
ClientSampleId :

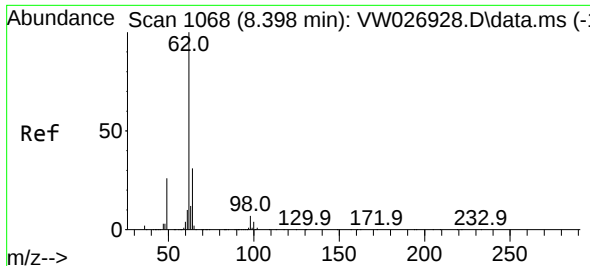
Tgt Ion:128 Resp: 57650
Ion Ratio Lower Upper
128 100
49 229.2 143.1 265.7
130 133.7 91.8 170.4
51 75.2 53.0 79.4



#25
Chloroform
Concen: 28.756 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

Tgt Ion: 83 Resp: 275230
Ion Ratio Lower Upper
83 100
85 62.1 45.4 84.2





#27

1,2-Dichloroethane

Concen: 32.097 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

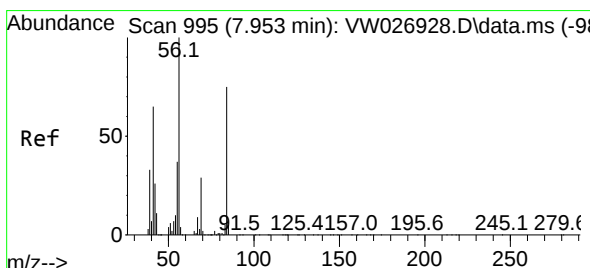
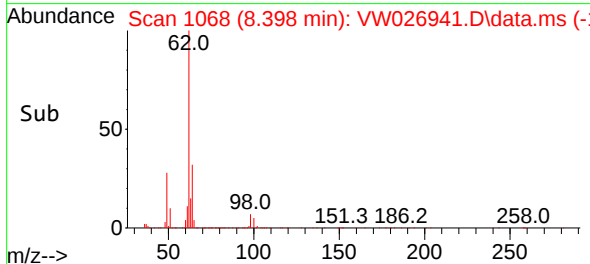
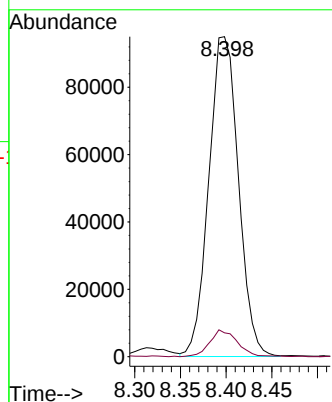
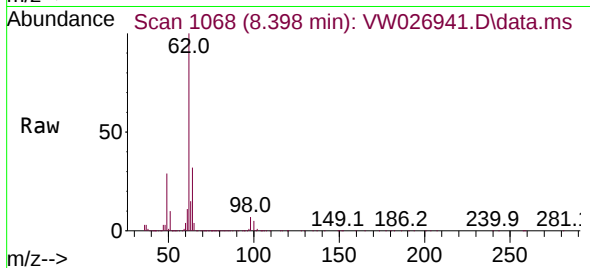
ClientSampleId :

Tgt Ion: 62 Resp: 214311

Ion Ratio Lower Upper

62 100

98 7.5 7.1 10.7



#29

Cyclohexane

Concen: 23.393 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

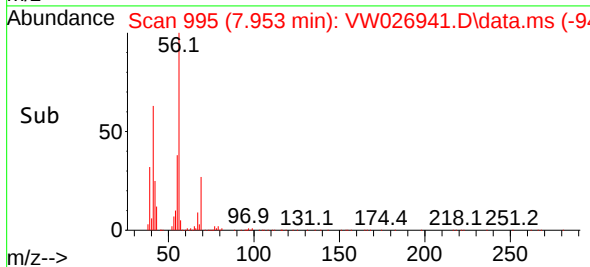
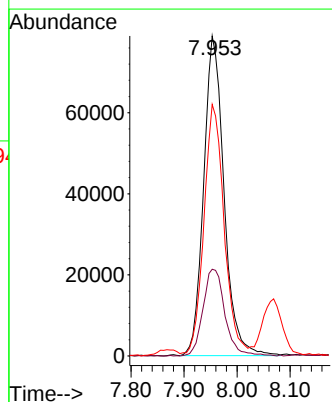
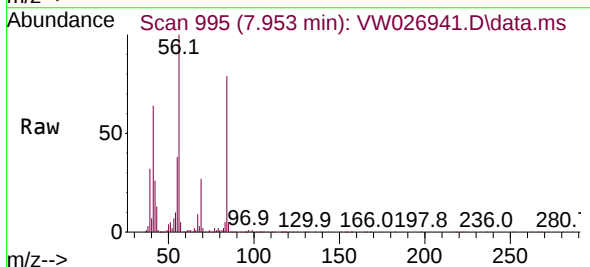
Tgt Ion: 56 Resp: 210654

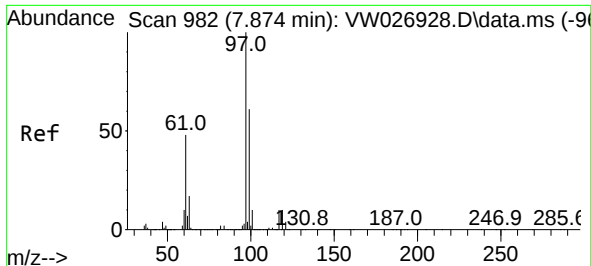
Ion Ratio Lower Upper

56 100

69 28.9 23.2 34.8

84 77.8 62.7 94.1





#30

1,1,1-Trichloroethane

Concen: 28.229 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

ClientSampleId :

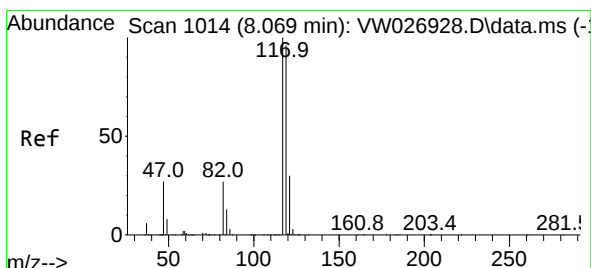
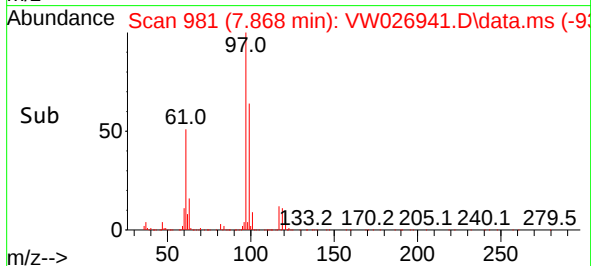
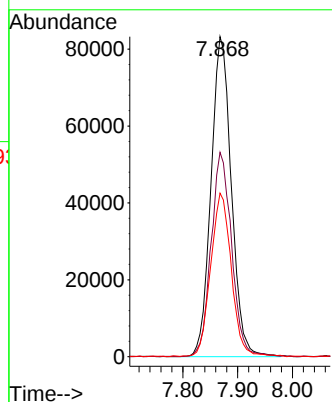
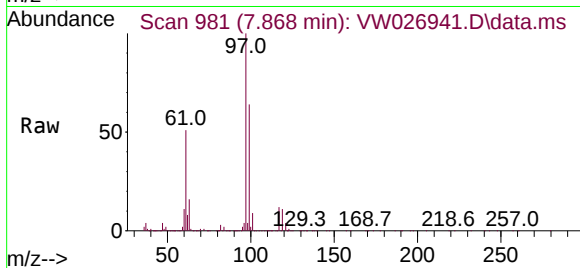
Tgt Ion: 97 Resp: 214531

Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 51.7 39.2 58.8



#31

Carbon tetrachloride

Concen: 28.499 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026941.D

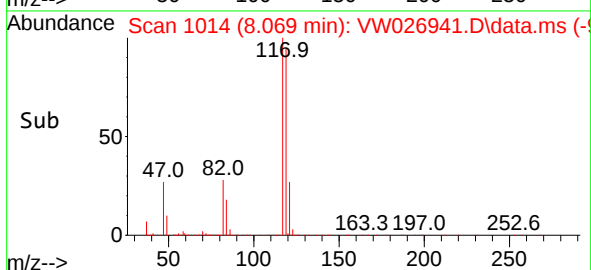
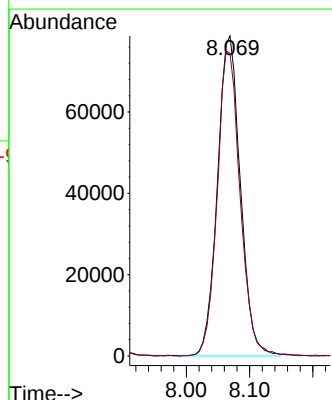
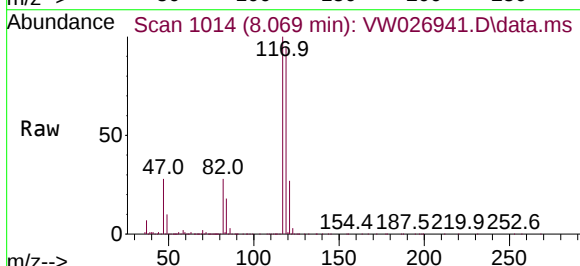
Acq: 28 Aug 2023 15:56

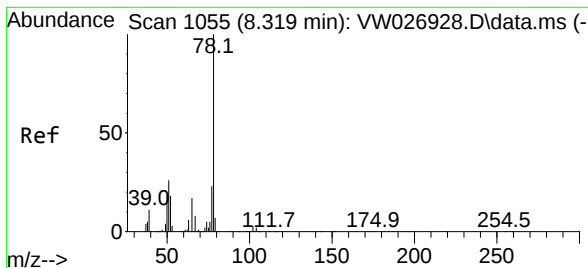
Tgt Ion: 117 Resp: 198030

Ion Ratio Lower Upper

117 100

119 95.2 73.0 109.4





#33

Benzene

Concen: 26.152 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW026941.D

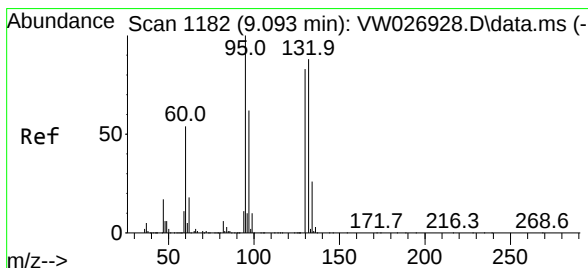
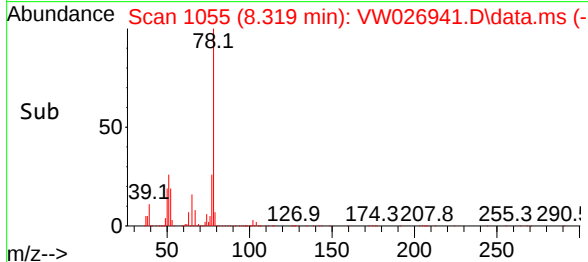
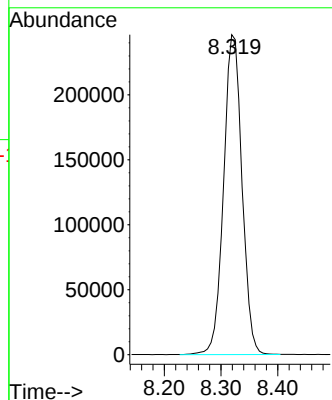
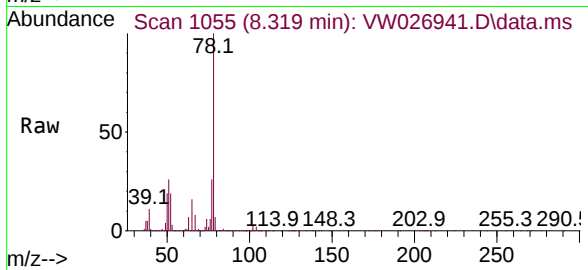
Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 554568



#34

Trichloroethene

Concen: 24.777 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Tgt Ion: 95 Resp: 133814

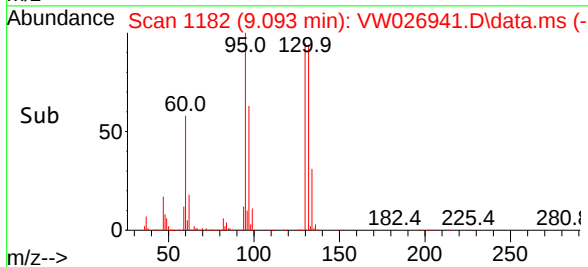
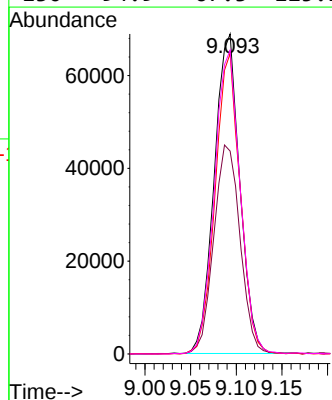
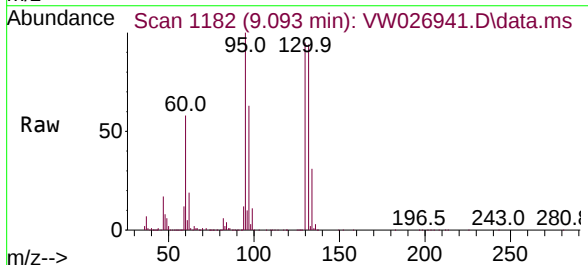
Ion Ratio Lower Upper

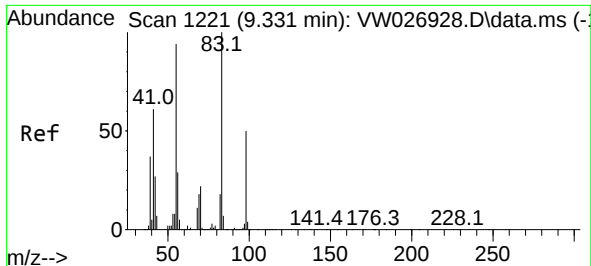
95 100

97 63.4 44.6 82.8

132 93.9 66.4 123.2

130 94.9 67.3 125.1

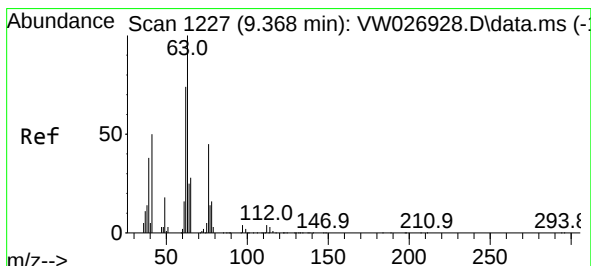
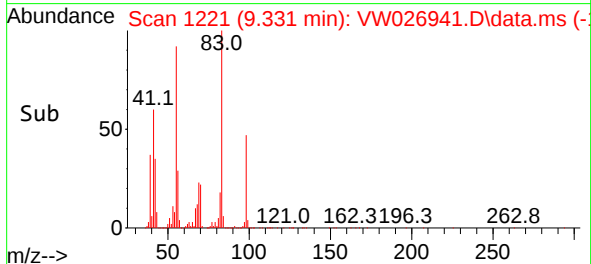
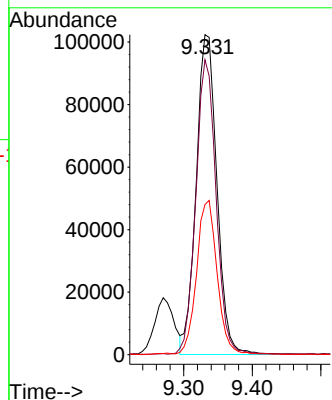
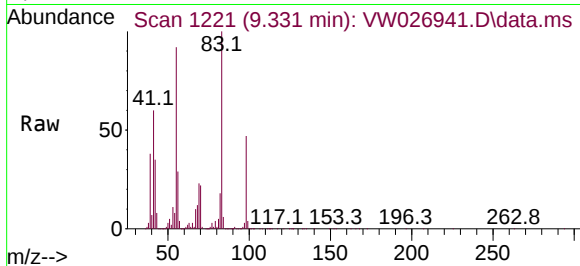




#35
Methylcyclohexane
Concen: 23.375 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

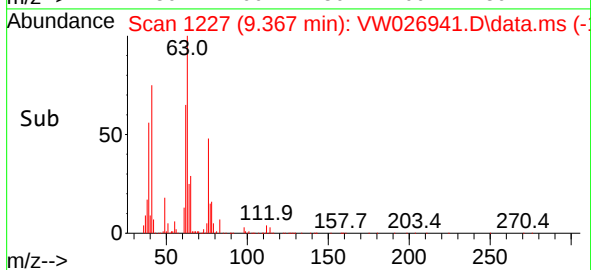
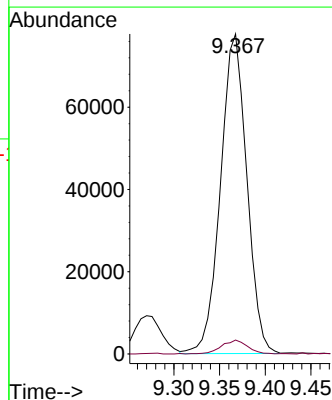
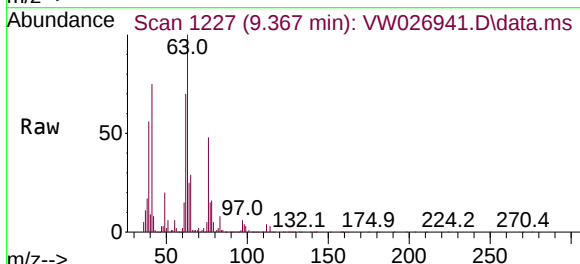
Instrument :
MSVOA_W
ClientSampleId :

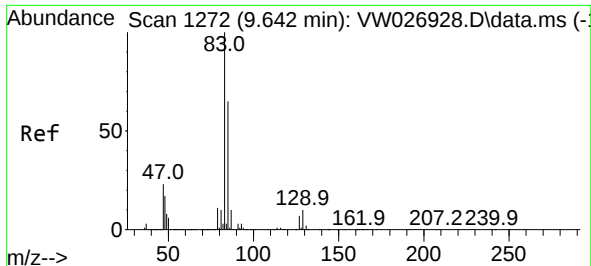
Tgt Ion: 83 Resp: 215965
Ion Ratio Lower Upper
83 100
55 90.1 69.3 103.9
98 47.2 37.4 56.0



#37
1,2-Dichloropropane
Concen: 26.799 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

Tgt Ion: 63 Resp: 155656
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7

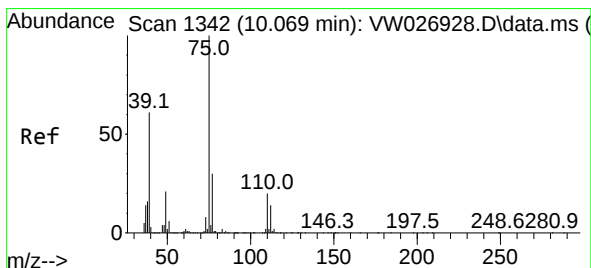
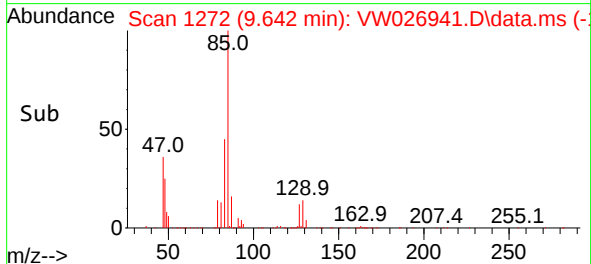
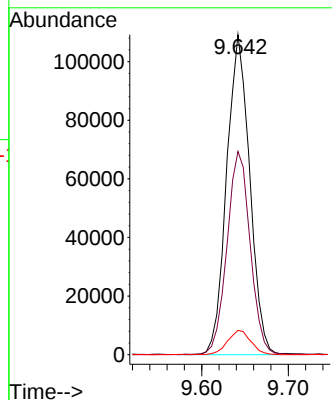
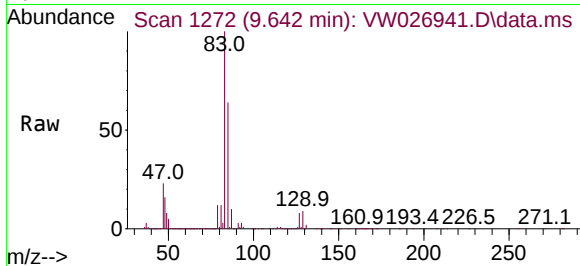




#38
Bromodichloromethane
Concen: 29.616 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

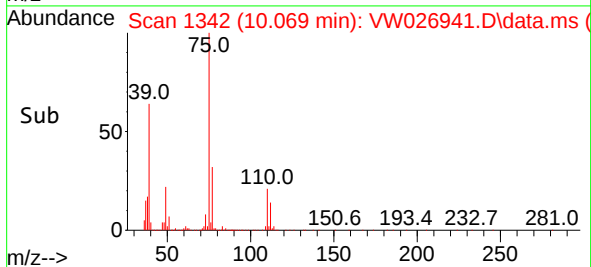
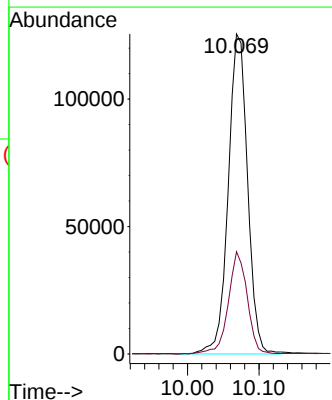
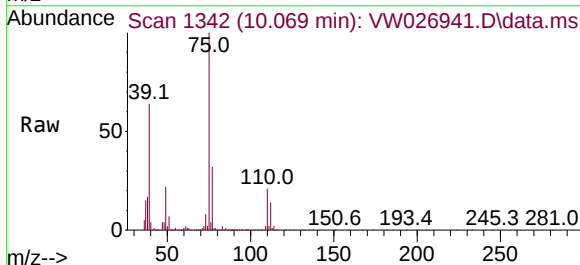
Instrument :
MSVOA_W
ClientSampleId :

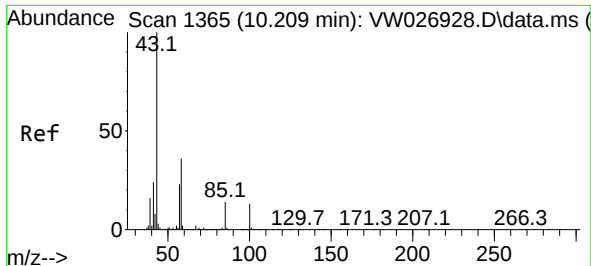
Tgt Ion: 83 Resp: 201796
Ion Ratio Lower Upper
83 100
85 63.5 45.4 84.2
127 7.6 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 28.191 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

Tgt Ion: 75 Resp: 235557
Ion Ratio Lower Upper
75 100
77 31.9 22.8 42.4





#40

4-Methyl-2-pentanone

Concen: 61.595 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

ClientSampleId :

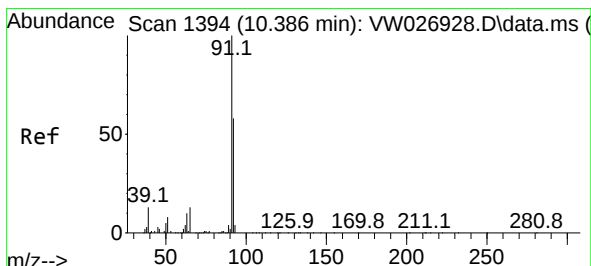
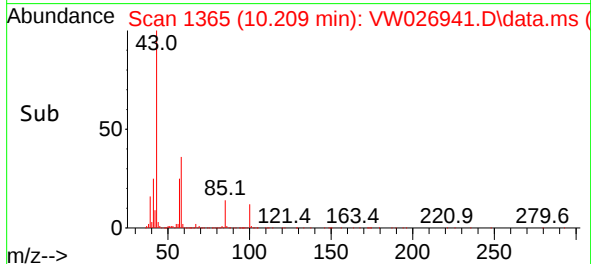
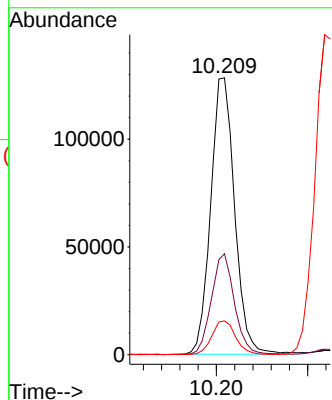
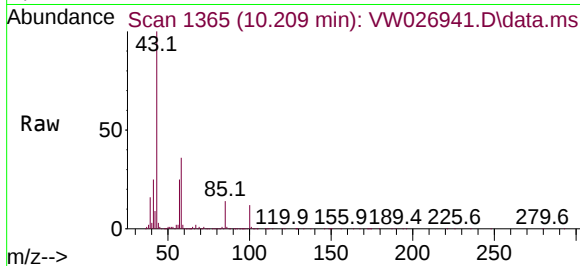
Tgt Ion: 43 Resp: 232718

Ion Ratio Lower Upper

43 100

58 35.3 29.2 43.8

100 12.3 10.7 16.1



#42

Toluene

Concen: 27.597 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026941.D

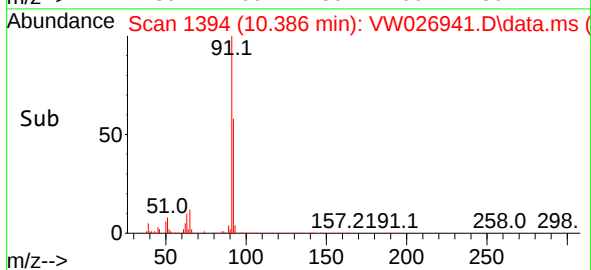
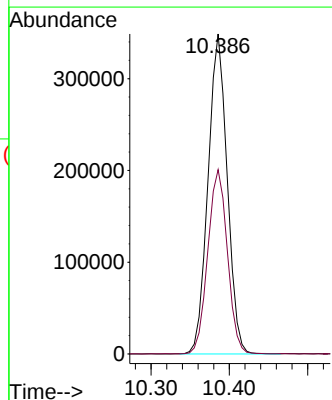
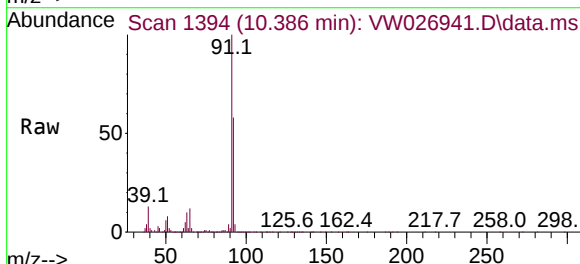
Acq: 28 Aug 2023 15:56

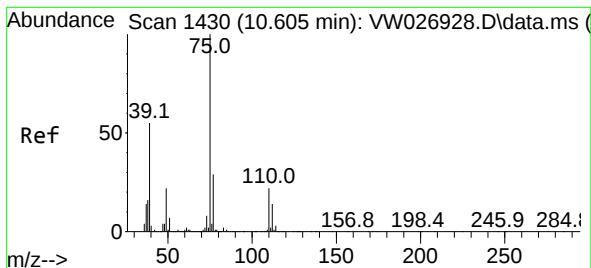
Tgt Ion: 91 Resp: 591991

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8

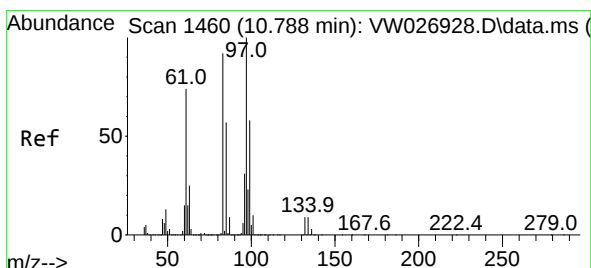
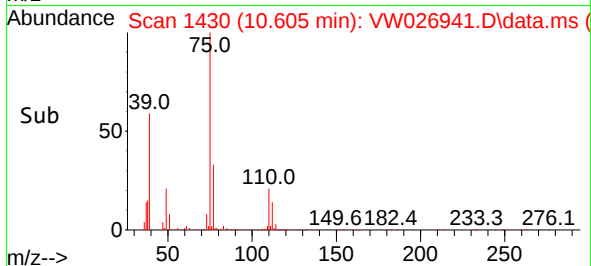
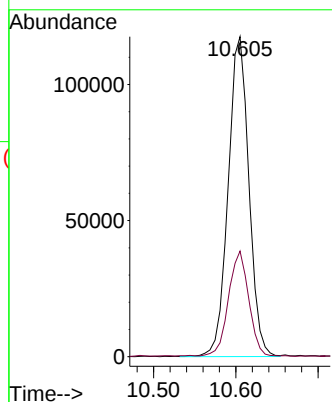
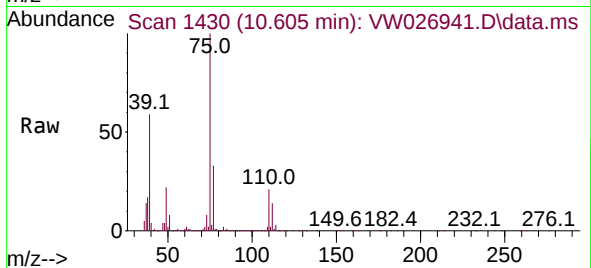




#44
trans-1,3-Dichloropropene
Concen: 28.611 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

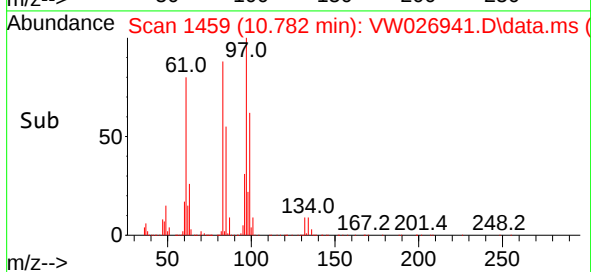
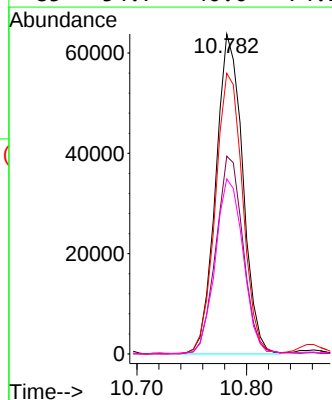
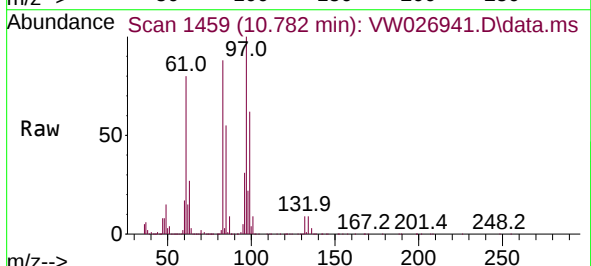
Instrument :
MSVOA_W
ClientSampleId :

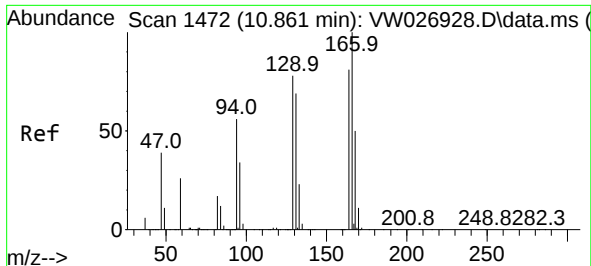
Tgt Ion: 75 Resp: 205775
Ion Ratio Lower Upper
75 100
77 33.0 21.2 39.4



#45
1,1,2-Trichloroethane
Concen: 27.469 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

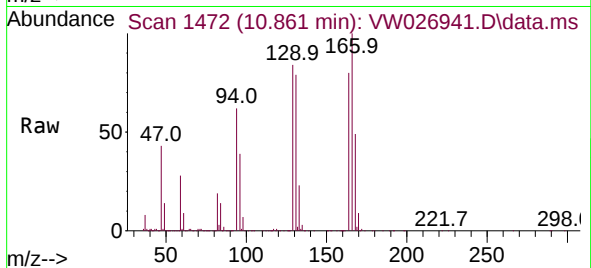
Tgt Ion: 97 Resp: 109117
Ion Ratio Lower Upper
97 100
99 61.8 44.2 82.0
83 87.7 61.9 114.9
85 54.7 40.0 74.2



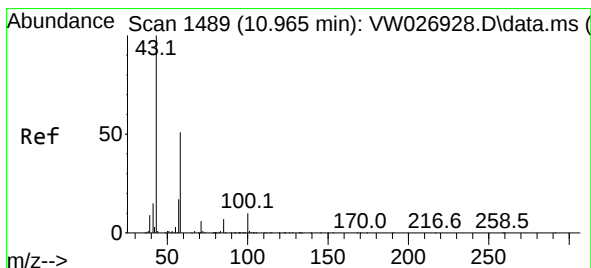
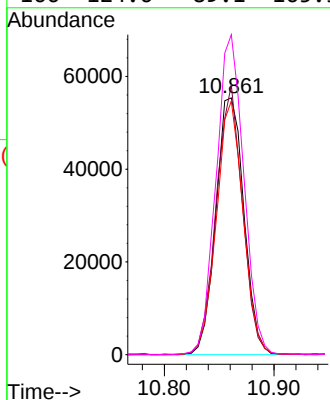
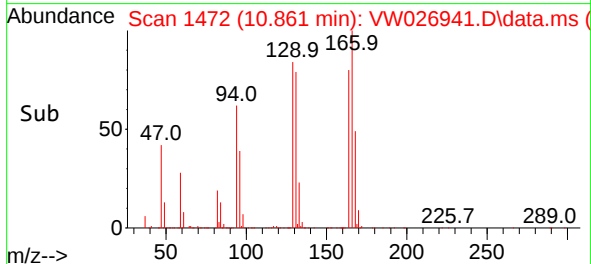


#46
Tetrachloroethene
Concen: 25.060 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

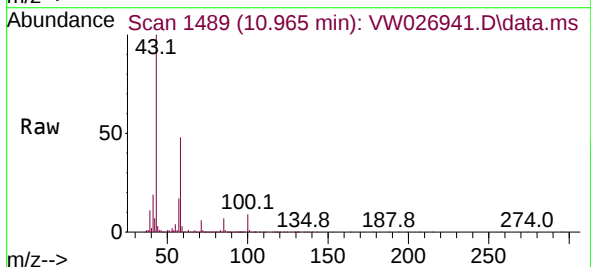
Instrument :
MSVOA_W
ClientSampleId :



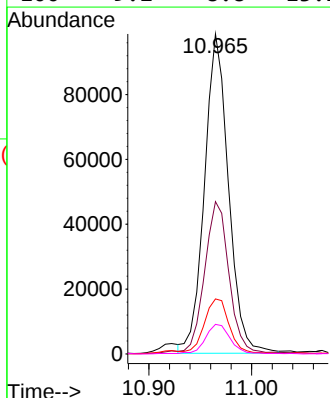
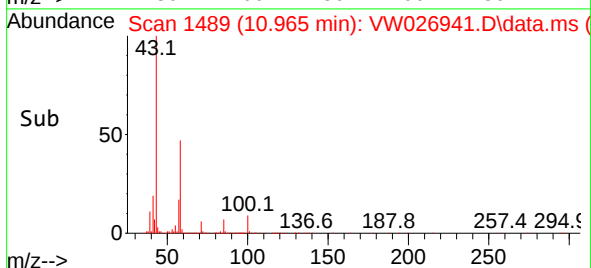
Tgt Ion:	164	Resp:	98327
Ion	Ratio	Lower	Upper
164	100		
129	105.1	68.1	126.5
131	98.8	65.5	121.7
166	124.6	89.1	165.5

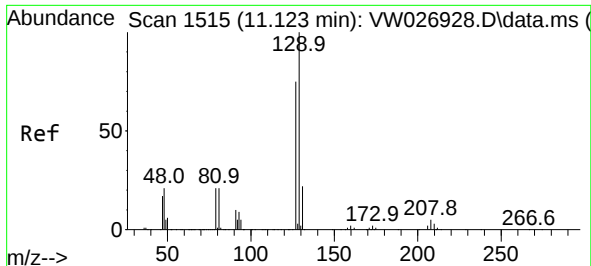


#48
2-Hexanone
Concen: 62.267 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56



Tgt Ion:	43	Resp:	160078
Ion	Ratio	Lower	Upper
43	100		
58	47.0	41.1	61.7
57	17.7	14.3	21.5
100	9.2	8.8	13.2





#49

Dibromochloromethane

Concen: 28.700 ug/L

RT: 11.129 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

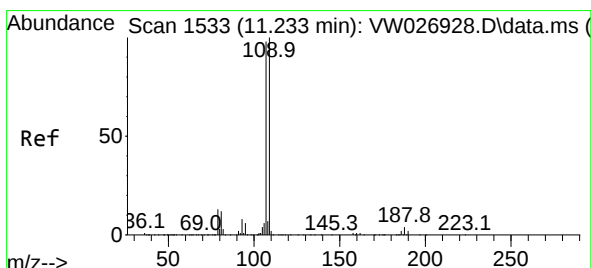
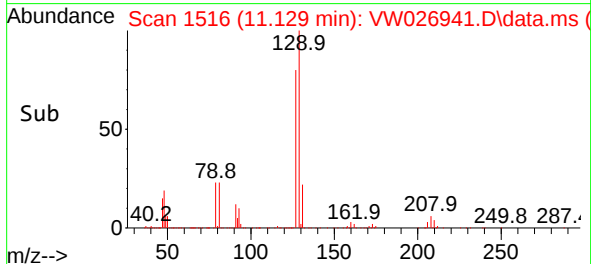
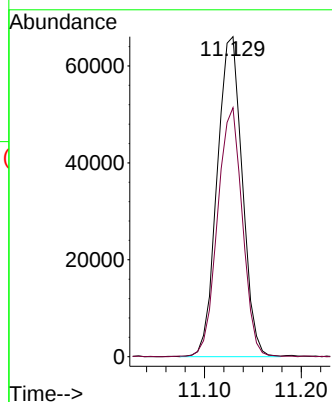
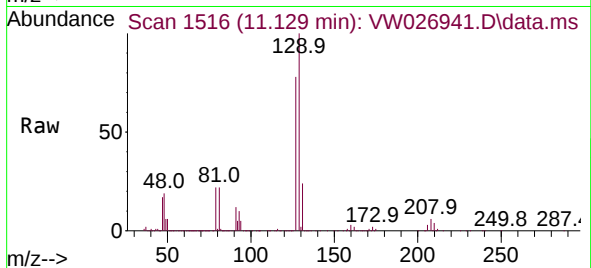
ClientSampleId :

Tgt Ion:129 Resp: 119241

Ion Ratio Lower Upper

129 100

127 77.8 56.6 105.2



#50

1,2-Dibromoethane

Concen: 26.243 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

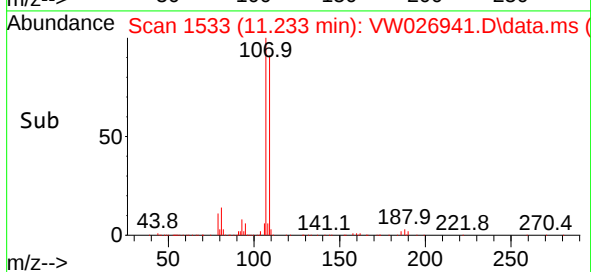
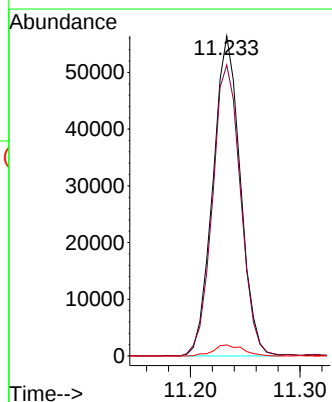
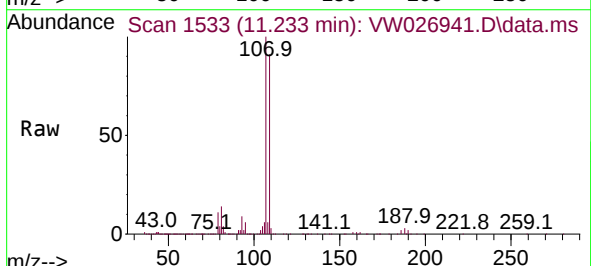
Tgt Ion:107 Resp: 97816

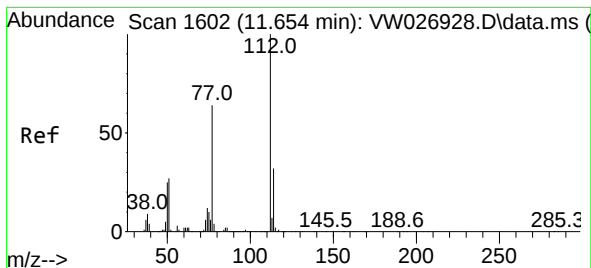
Ion Ratio Lower Upper

107 100

109 91.0 68.8 127.8

188 3.6 2.7 4.1





#51

Chlorobenzene

Concen: 26.435 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

ClientSampleId :

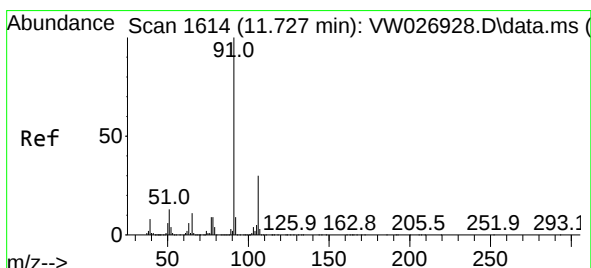
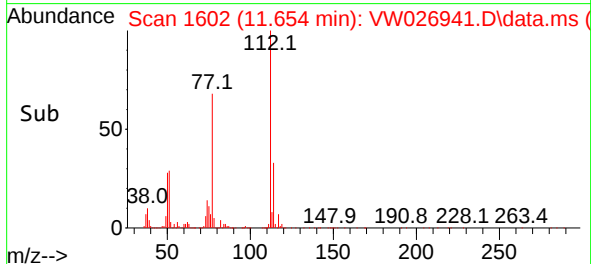
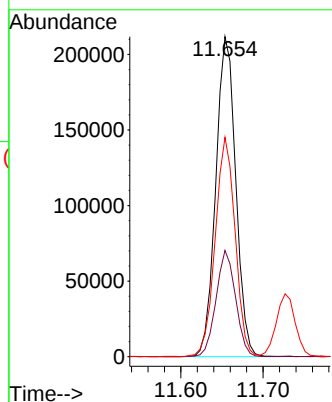
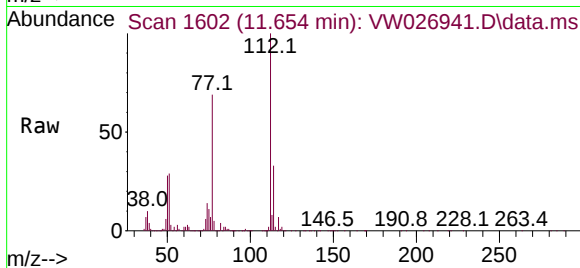
Tgt Ion:112 Resp: 358191

Ion Ratio Lower Upper

112 100

114 33.2 22.4 41.6

77 68.6 50.2 75.2



#52

Ethylbenzene

Concen: 28.598 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW026941.D

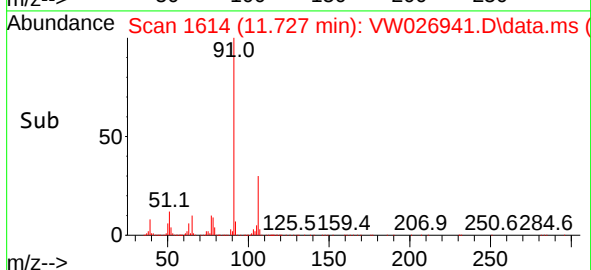
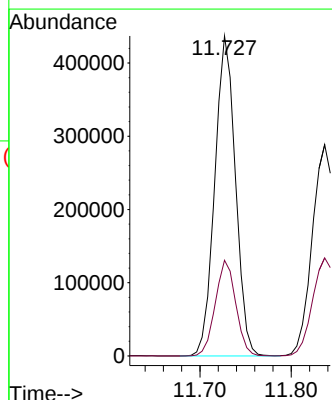
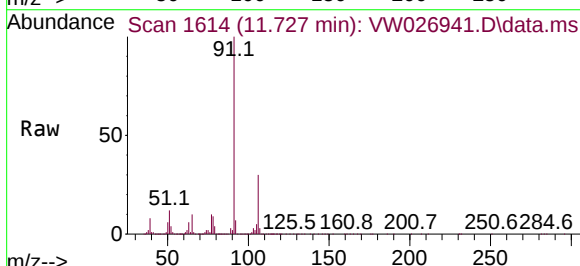
Acq: 28 Aug 2023 15:56

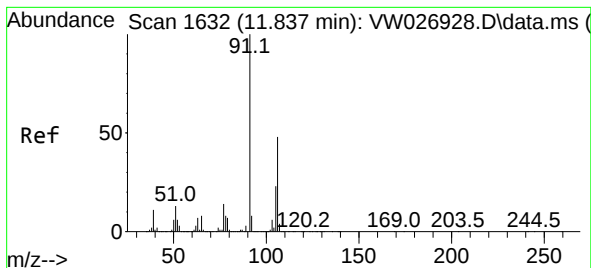
Tgt Ion: 91 Resp: 687941

Ion Ratio Lower Upper

91 100

106 29.9 20.2 37.6

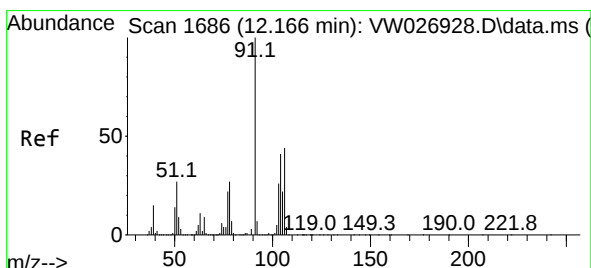
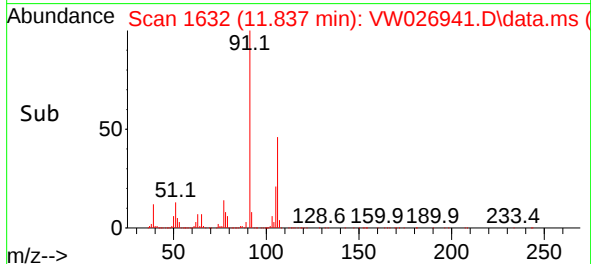
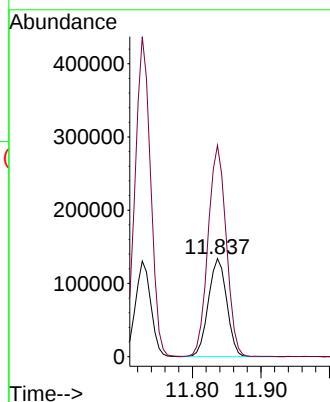
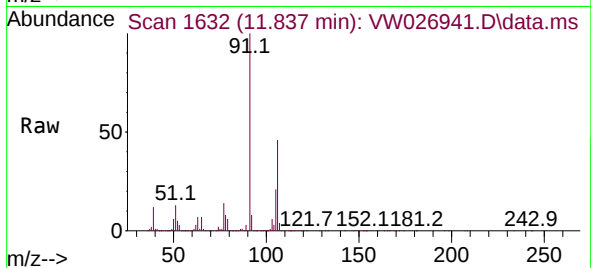




#53
m,p-Xylene
Concen: 27.980 ug/L
RT: 11.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

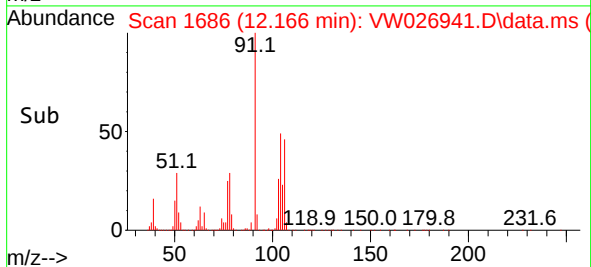
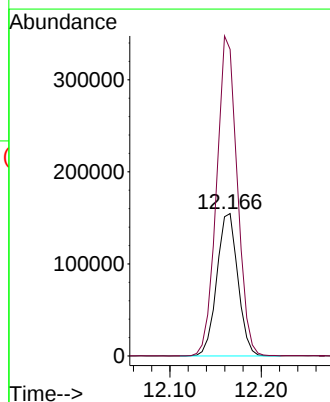
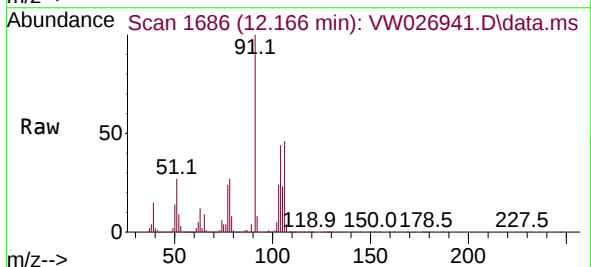
Instrument :
MSVOA_W
ClientSampleId :

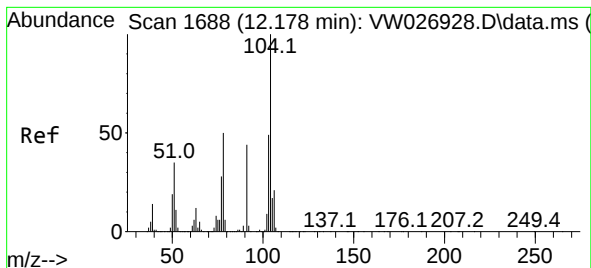
Tgt Ion:106 Resp: 249350
Ion Ratio Lower Upper
106 100
91 215.7 152.9 284.1



#54
o-Xylene
Concen: 29.832 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

Tgt Ion:106 Resp: 248121
Ion Ratio Lower Upper
106 100
91 215.2 149.9 278.3





#55

Styrene

Concen: 30.052 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

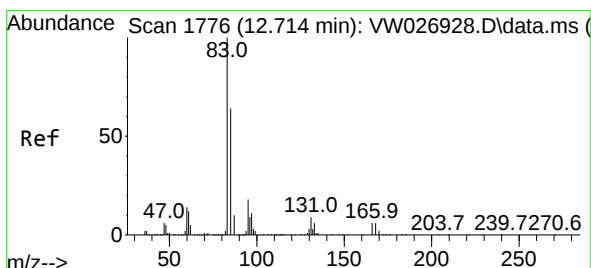
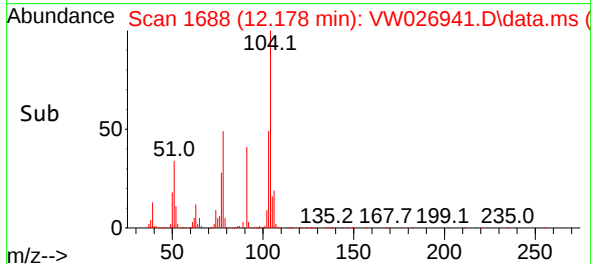
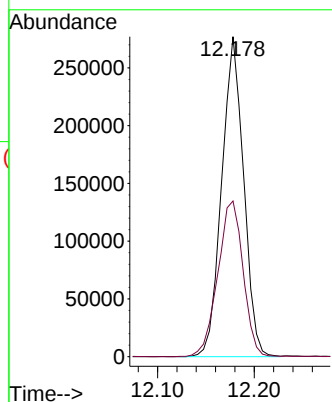
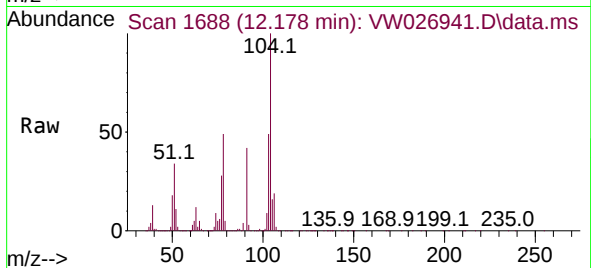
ClientSampleId :

Tgt Ion:104 Resp: 434601

Ion Ratio Lower Upper

104 100

78 48.7 33.0 61.2



#57

1,1,2,2-Tetrachloroethane

Concen: 28.107 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

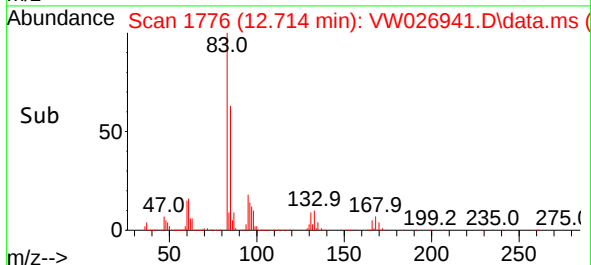
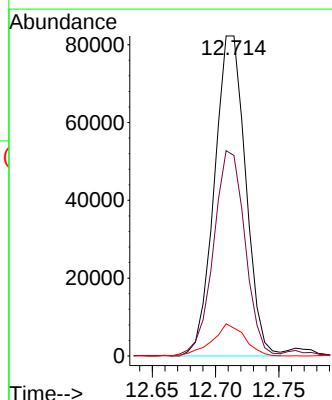
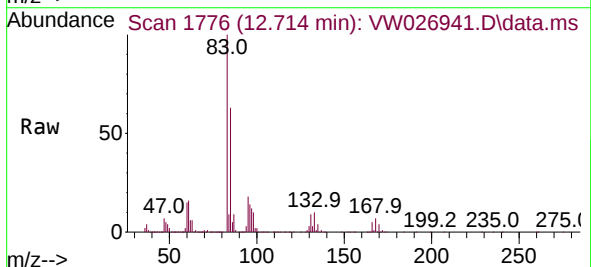
Tgt Ion: 83 Resp: 141405

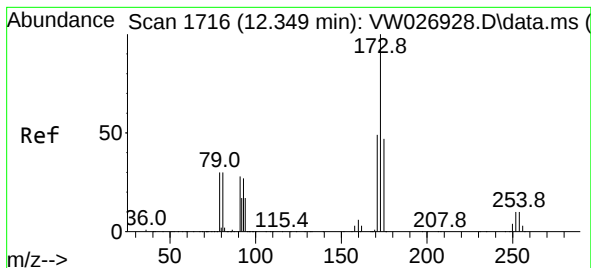
Ion Ratio Lower Upper

83 100

85 62.7 44.9 83.3

131 8.7 7.4 11.0





#59

Bromoform

Concen: 27.554 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026941.D

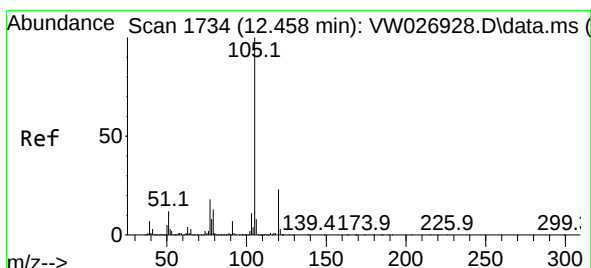
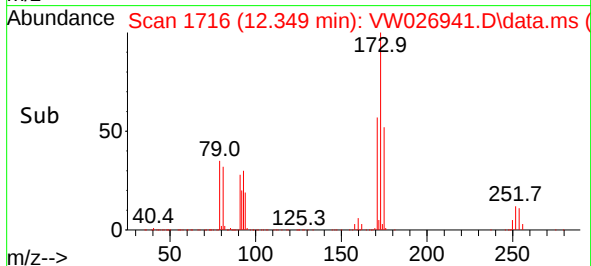
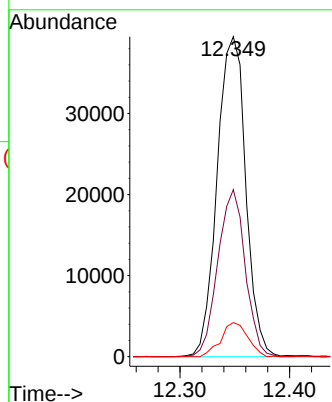
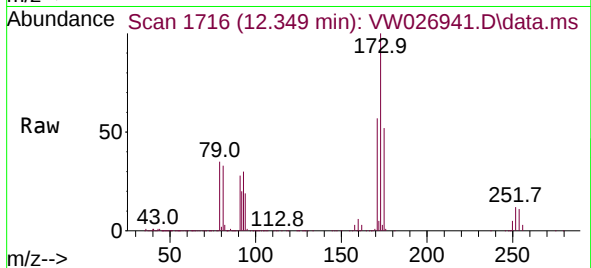
Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	71592
Ion Ratio	Lower	Upper	
173	100		
175	49.9	36.6	55.0
254	10.0	7.8	11.6



#60

Isopropylbenzene

Concen: 27.970 ug/L

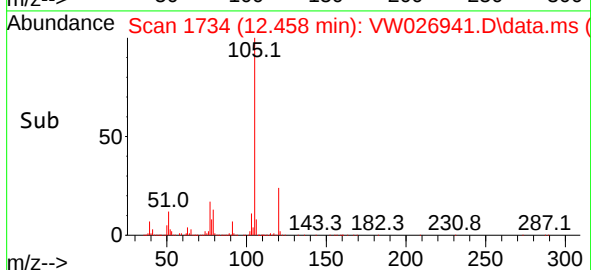
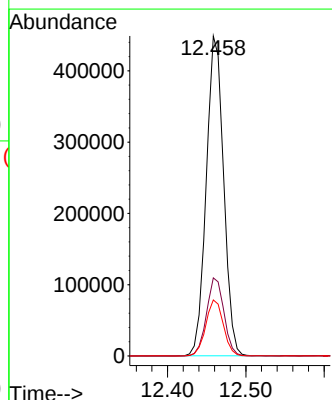
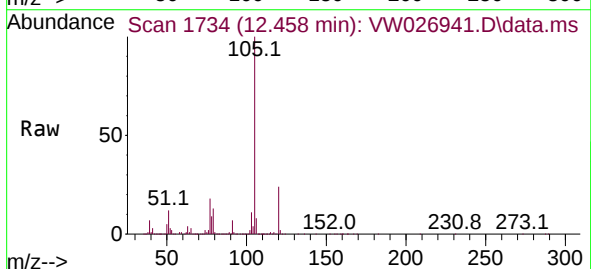
RT: 12.458 min Scan# 1734

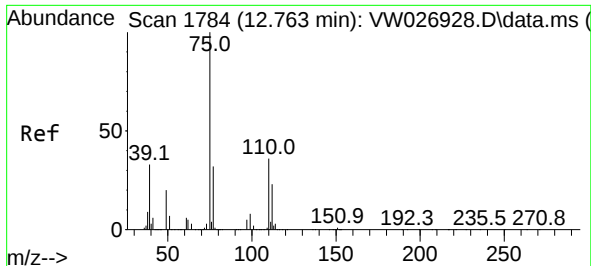
Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Tgt Ion:	105	Resp:	689740
Ion Ratio	Lower	Upper	
105	100		
120	24.5	21.0	31.6
77	17.7	13.4	20.2

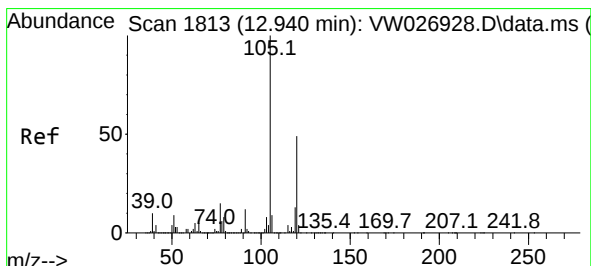
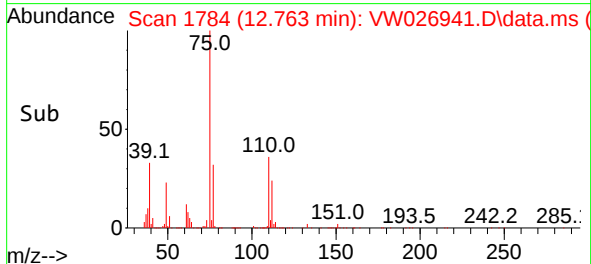
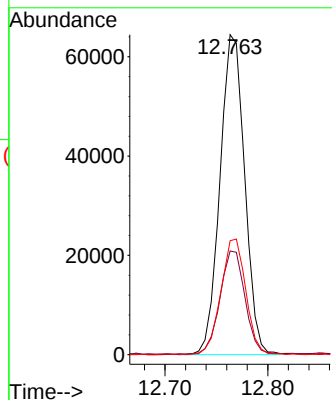
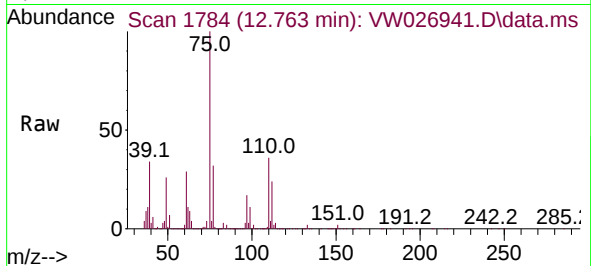




#61
1,2,3-Trichloropropane
Concen: 26.739 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

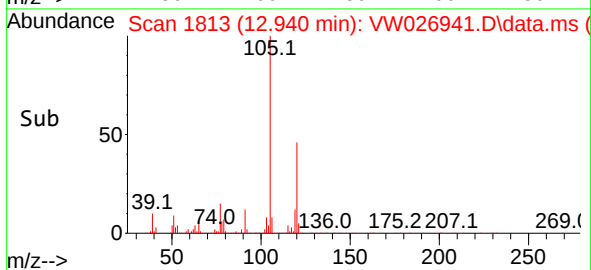
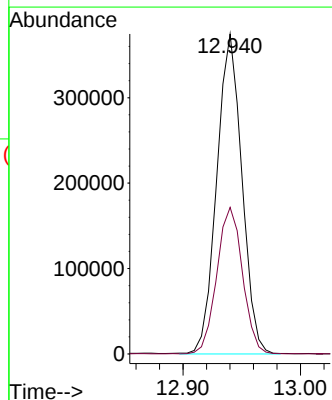
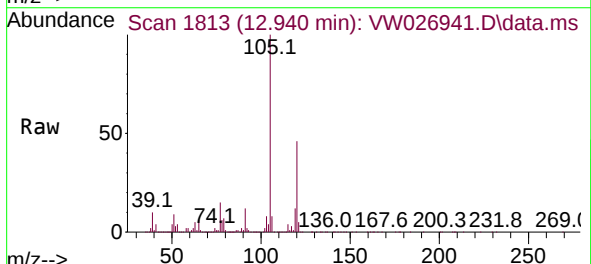
Instrument :
MSVOA_W
ClientSampleId :

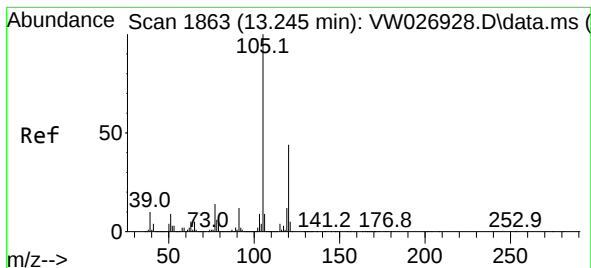
Tgt Ion: 75 Resp: 107582
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1
110 36.4 29.9 44.9



#62
1,3,5-Trimethylbenzene
Concen: 28.570 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026941.D
Acq: 28 Aug 2023 15:56

Tgt Ion: 105 Resp: 556877
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.2





#63

1,2,4-Trimethylbenzene

Concen: 29.950 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

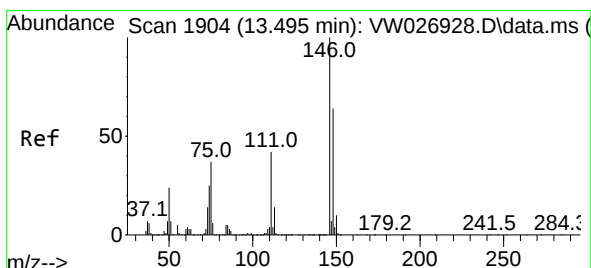
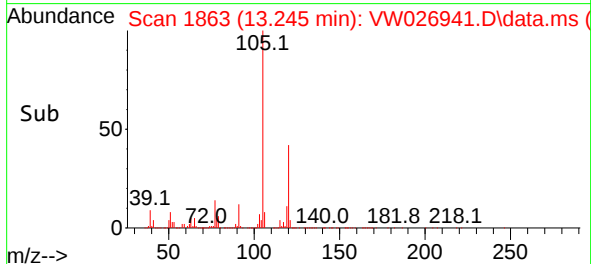
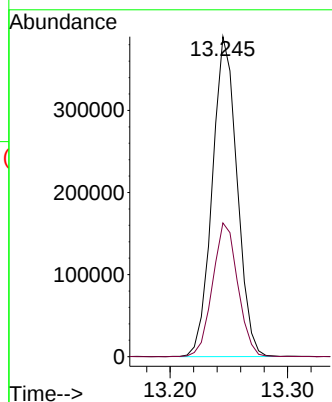
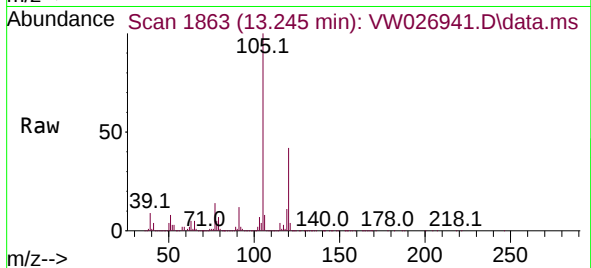
ClientSampleId :

Tgt Ion:105 Resp: 572063

Ion Ratio Lower Upper

105 100

120 42.5 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 26.871 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

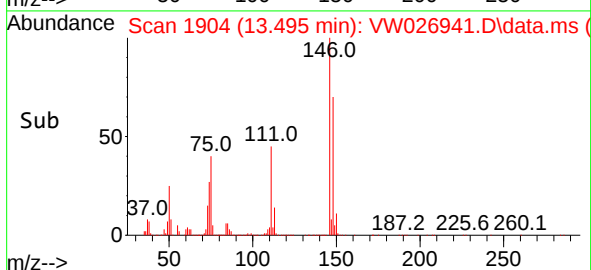
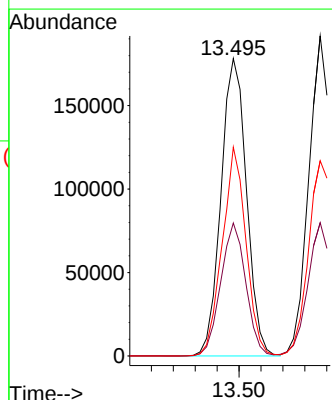
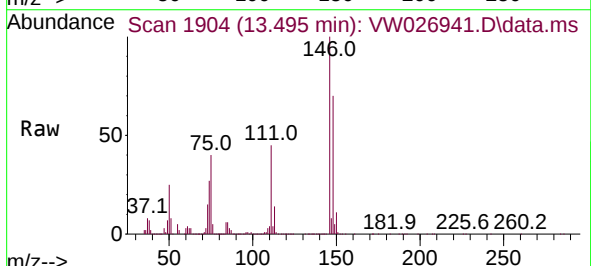
Tgt Ion:146 Resp: 288182

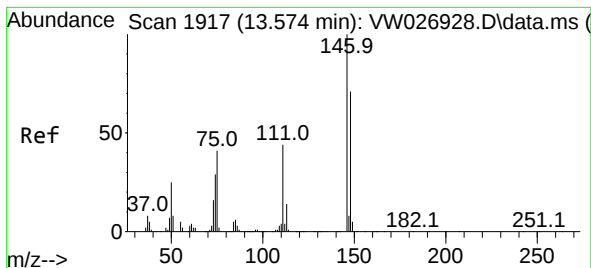
Ion Ratio Lower Upper

146 100

111 44.7 29.1 54.1

148 70.2 38.8 72.0





#65

1,4-Dichlorobenzene

Concen: 26.349 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

ClientSampleId :

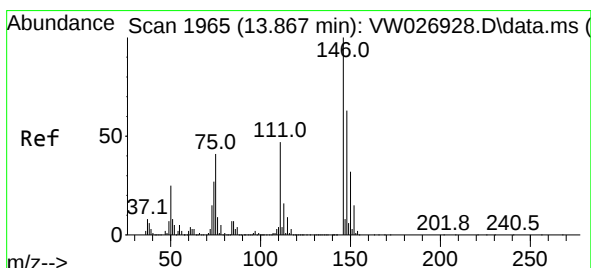
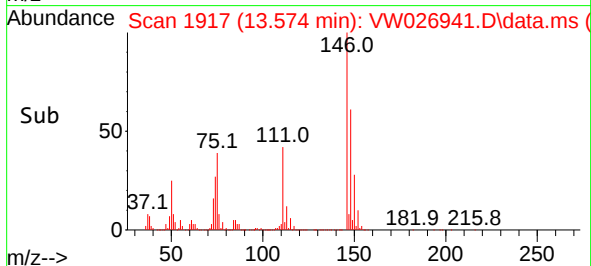
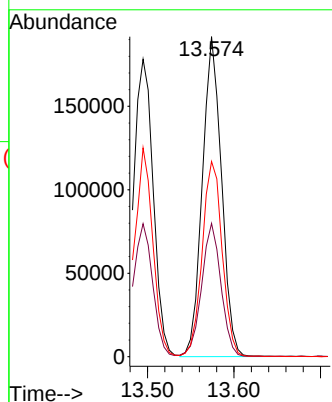
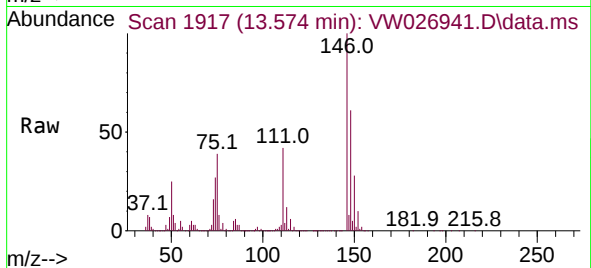
Tgt Ion:146 Resp: 294904

Ion Ratio Lower Upper

146 100

111 41.7 28.3 52.7

148 61.0 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 28.034 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

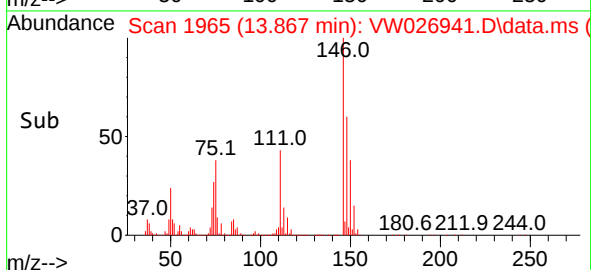
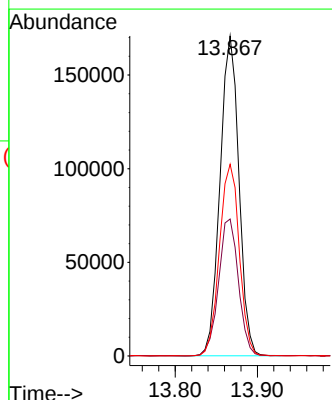
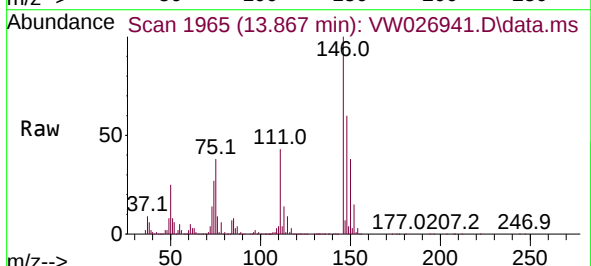
Tgt Ion:146 Resp: 273399

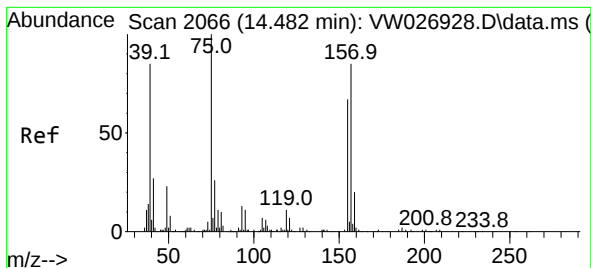
Ion Ratio Lower Upper

146 100

111 42.8 34.6 52.0

148 59.9 53.4 80.0

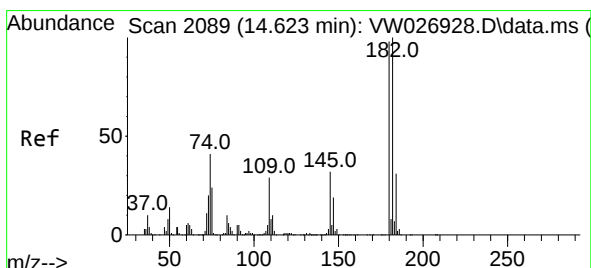
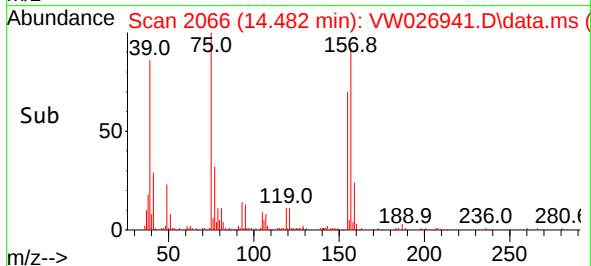
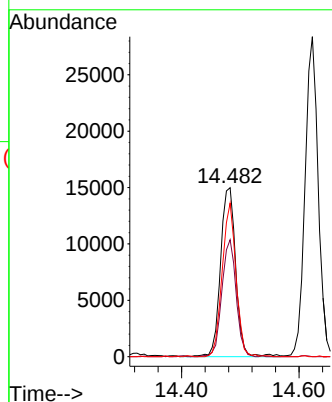
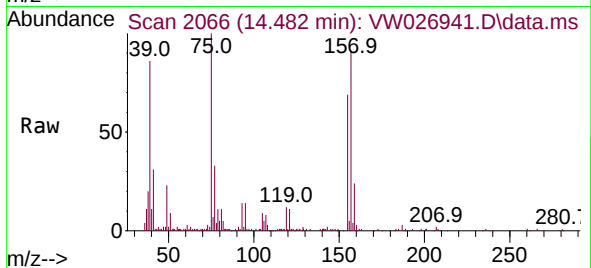




#68
 1,2-Dibromo-3-chloropropane
 Concen: 27.839 ug/L
 RT: 14.482 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VW026941.D
 Acq: 28 Aug 2023 15:56

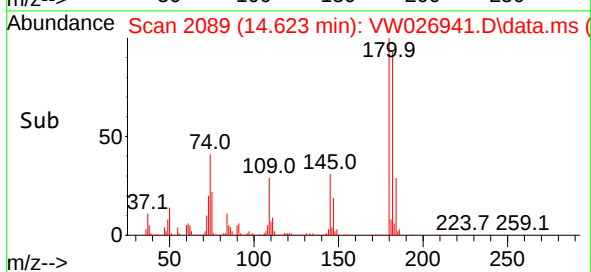
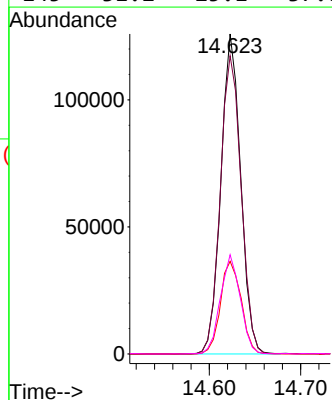
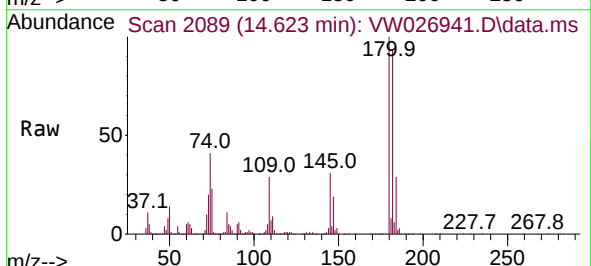
Instrument :
 MSVOA_W
 ClientSampleId :

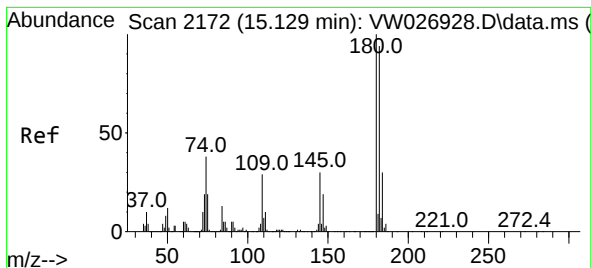
Tgt Ion:	75	Resp:	27002
Ion Ratio	Lower	Upper	
75	100		
155	69.2	55.0	82.6
157	90.9	77.8	116.6



#69
 1,3,5-Trichlorobenzene
 Concen: 26.194 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW026941.D
 Acq: 28 Aug 2023 15:56

Tgt Ion:	180	Resp:	189790
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.2	112.8
184	30.4	23.8	35.8
145	31.2	25.1	37.7





#70

1,2,4-trichlorobenzene

Concen: 26.833 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

Instrument :

MSVOA_W

ClientSampleId :

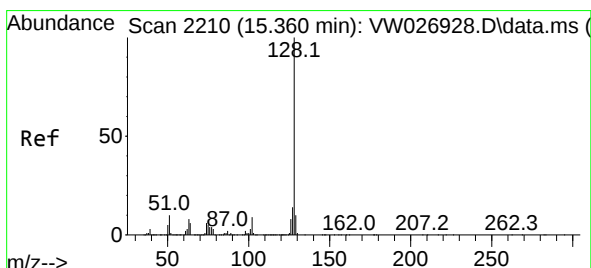
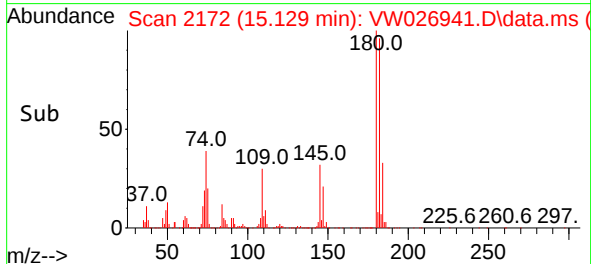
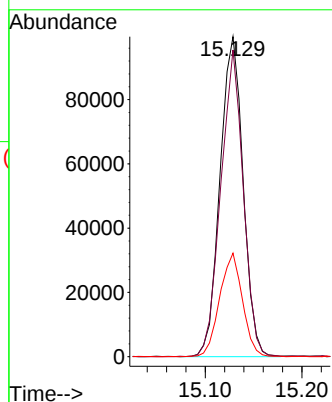
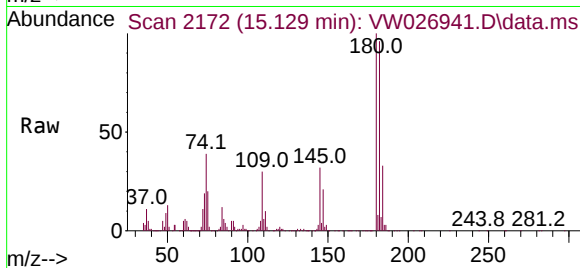
Tgt Ion:180 Resp: 164841

Ion Ratio Lower Upper

180 100

182 93.2 72.5 108.7

145 32.0 24.7 37.1



#71

Naphthalene

Concen: 30.090 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026941.D

Acq: 28 Aug 2023 15:56

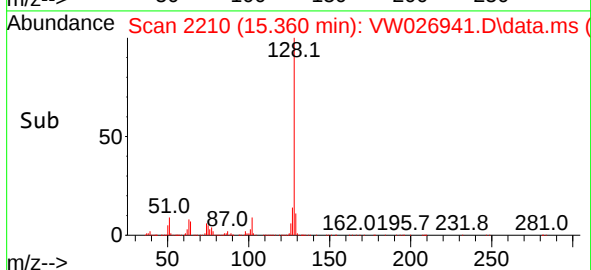
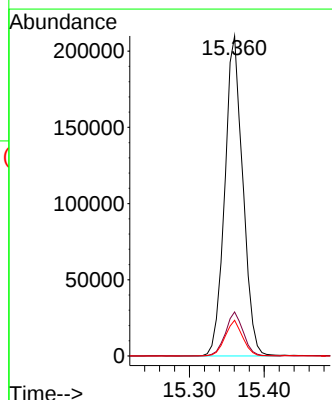
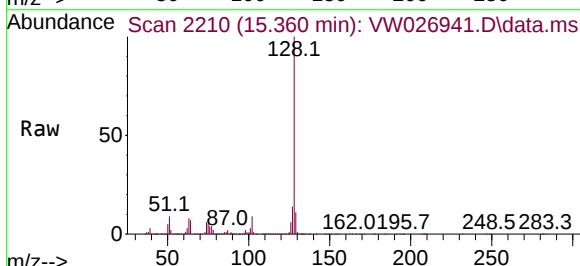
Tgt Ion:128 Resp: 352605

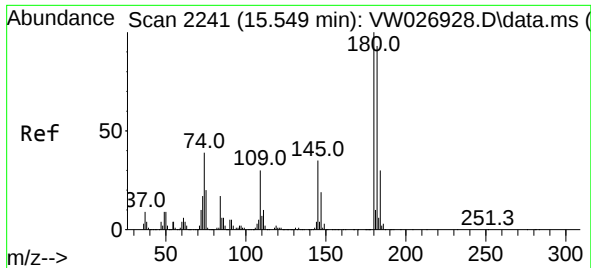
Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

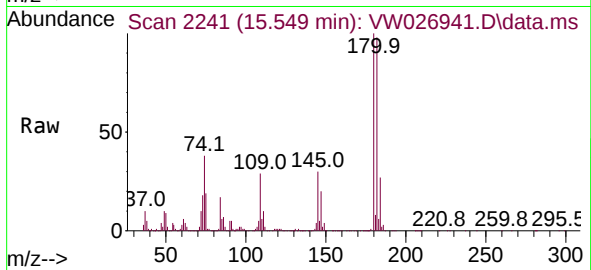
129 10.8 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 27.624 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026941.D
 Acq: 28 Aug 2023 15:56

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	153061
Ion Ratio	Lower	Upper	
180	100		
182	96.1	74.6	112.0
145	33.9	27.0	40.6

