

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026926.D
 Acq On : 26 Aug 2023 04:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:09:52 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	424831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	419817	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	229177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	144776	20.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
7) Chloroethane-d5	2.893	69	127167	24.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.960%
11) 1,1-Dichloroethene-d2	4.021	65	74678	21.741	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.075	46	134607	67.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.120%
24) Chloroform-d	7.648	84	399251	28.001	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.000%
26) 1,2-Dichloroethane-d4	8.307	65	237475	30.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.720%
32) Benzene-d6	8.276	84	769235	26.586	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.360%
36) 1,2-Dichloropropane-d6	9.270	67	255902	28.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.560%
41) Toluene-d8	10.319	98	660912	26.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.440%
43) trans-1,3-Dichloroprop...	10.581	79	95837	25.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.000%
47) 2-Hexanone-d5	10.922	63	66323	70.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.060%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	221785	31.161	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.640%#
66) 1,2-Dichlorobenzene-d4	13.849	152	227471	27.731	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	102223	17.698	ug/L	# 71
3) Chloromethane	2.223	50	189808	24.032	ug/L	95
5) Vinyl chloride	2.375	62	180765	23.941	ug/L	95
6) Bromomethane	2.783	94	102940	23.400	ug/L	99
8) Chloroethane	2.930	64	109691	24.246	ug/L	98
9) Trichlorofluoromethane	3.259	101	130843	21.116	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	163870	24.483	ug/L	95
12) 1,1-Dichloroethene	4.045	96	151570	24.138	ug/L	87
13) Acetone	4.119	43	94410	47.304	ug/L	99
14) Carbon disulfide	4.399	76	460039	20.364	ug/L	100
15) Methyl Acetate	4.667	43	130109	32.545	ug/L	99
16) Methylene chloride	4.917	84	230284	28.022	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	178125	25.421	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	350780	33.085	ug/L	99
19) 1,1-Dichloroethane	6.216	63	412070	28.573	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	210863	27.997	ug/L	99
22) 2-Butanone	7.167	43	167769	57.040	ug/L	98
23) Bromochloromethane	7.514	128	92433	28.411	ug/L	87
25) Chloroform	7.673	83	396825	28.482	ug/L	97

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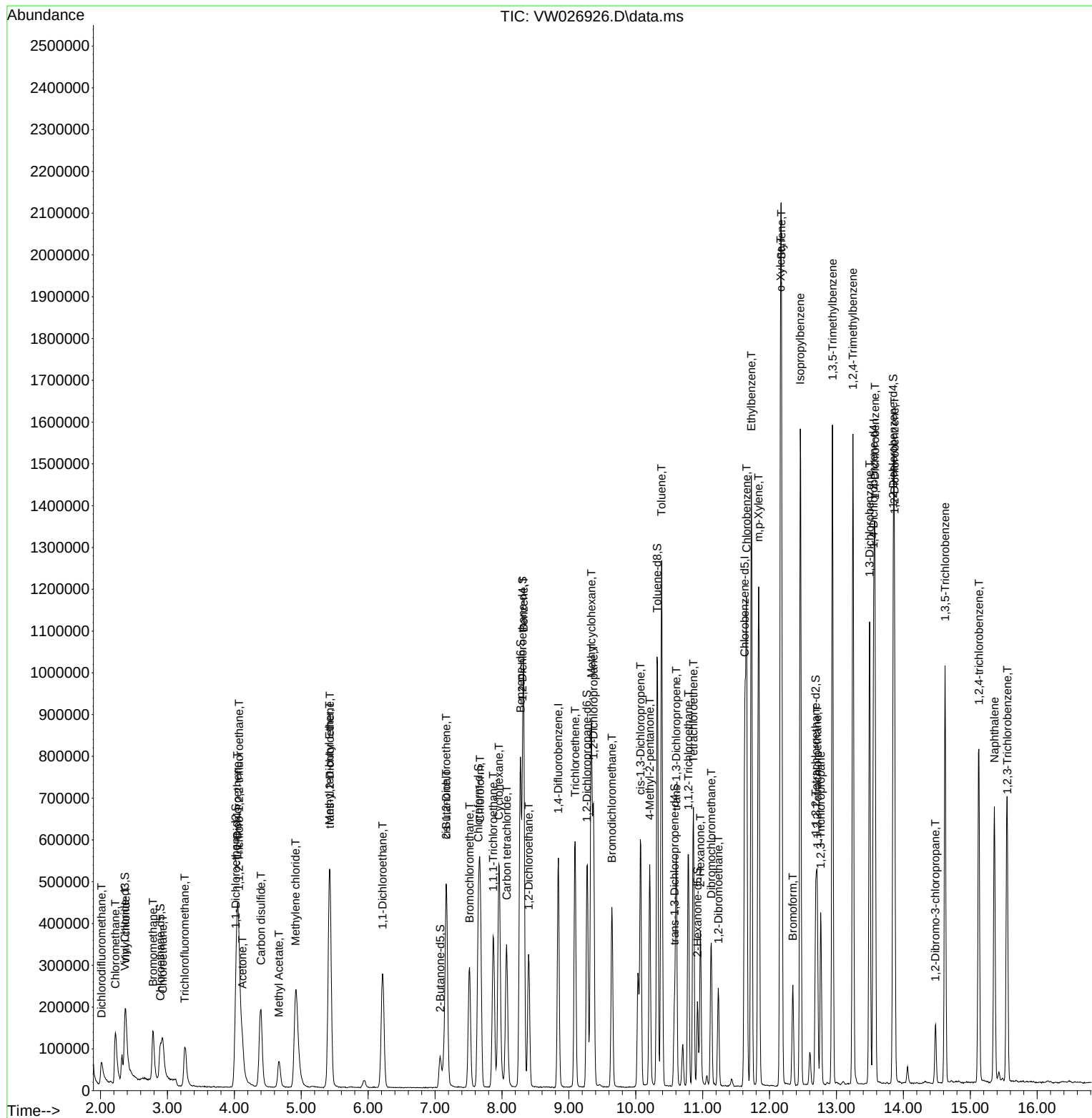
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	293045	30.150	ug/L	99
29) Cyclohexane	7.953	56	324952	25.029	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	290933	26.553	ug/L	99
31) Carbon tetrachloride	8.069	117	256206	25.575	ug/L	95
33) Benzene	8.325	78	841349	27.520	ug/L	100
34) Trichloroethene	9.093	95	209677	26.929	ug/L	96
35) Methylcyclohexane	9.337	83	323695	24.301	ug/L	99
37) 1,2-Dichloropropane	9.368	63	243034	29.023	ug/L	100
38) Bromodichloromethane	9.642	83	285738	29.087	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	340948	28.302	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	367474	67.463	ug/L	99
42) Toluene	10.386	91	880338	28.465	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	292455	28.205	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	168460	29.415	ug/L	97
46) Tetrachloroethene	10.861	164	137899	24.378	ug/L	88
48) 2-Hexanone	10.965	43	253101	68.287	ug/L	98
49) Dibromochloromethane	11.130	129	176866	29.527	ug/L	95
50) 1,2-Dibromoethane	11.233	107	153669	28.597	ug/L	98
51) Chlorobenzene	11.654	112	536573	27.467	ug/L	99
52) Ethylbenzene	11.727	91	983281	28.352	ug/L	99
53) m,p-Xylene	11.837	106	363188	28.268	ug/L	99
54) o-Xylene	12.166	106	352645	29.409	ug/L	98
55) Styrene	12.178	104	628400	30.140	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	218879	30.177	ug/L	100
59) Bromoform	12.349	173	102495	28.550	ug/L	97
60) Isopropylbenzene	12.459	105	951182	27.916	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	163236	29.364	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	794984	29.519	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	792340	30.023	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	419607	28.317	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	407623	26.359	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	375461	27.863	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	38399	28.652	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	261488	26.119	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	248745	29.305	ug/L	97
71) Naphthalene	15.360	128	523983	32.362	ug/L	99
72) 1,2,3-Trichlorobenzene	15.556	180	205099	26.790	ug/L	92

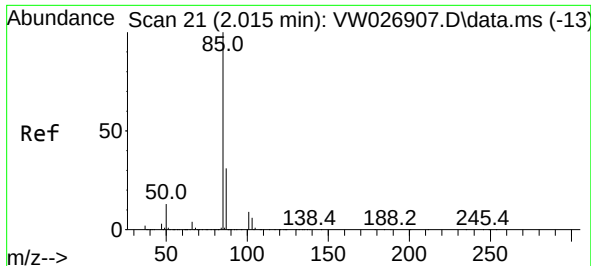
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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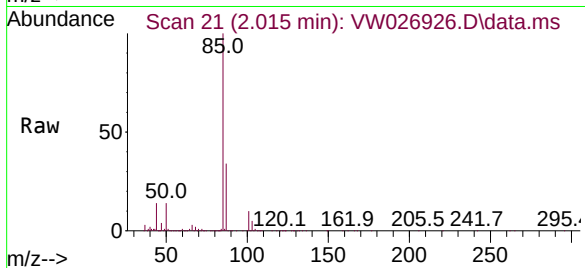
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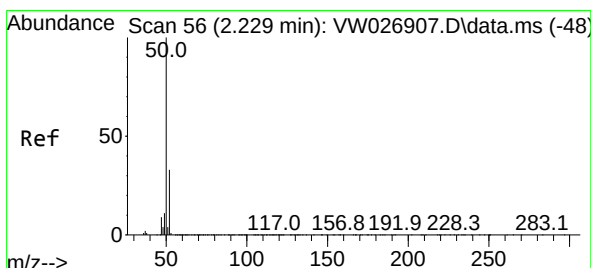
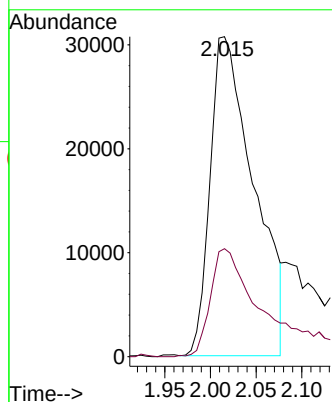
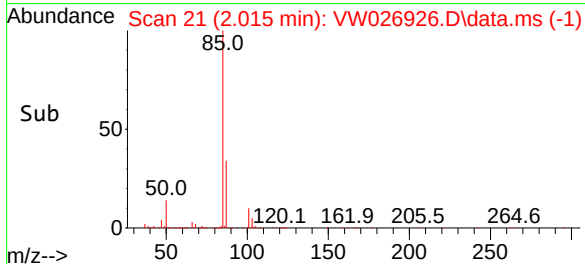


#2
 Dichlorodifluoromethane
 Concen: 17.698 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026926.D
 Acq: 26 Aug 2023 04:40

Instrument :
 MSVOA_W
 ClientSampleId :

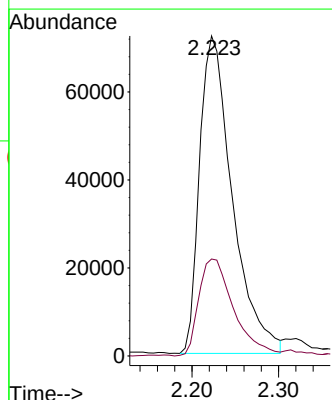
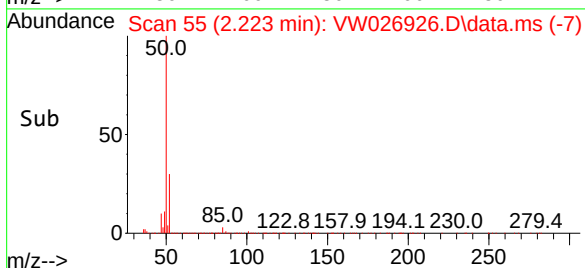
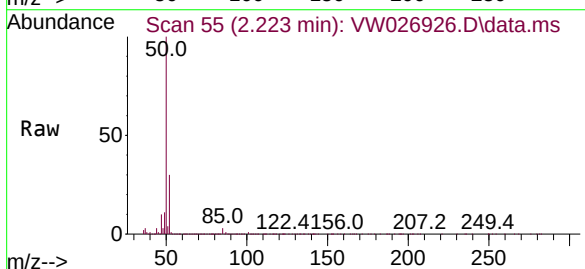


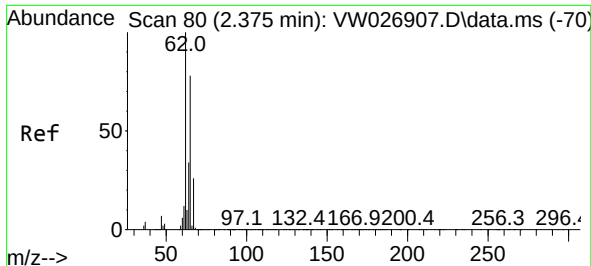
Tgt Ion: 85 Resp: 102223
 Ion Ratio Lower Upper
 85 100
 87 38.6 19.5 29.3#



#3
 Chloromethane
 Concen: 24.032 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026926.D
 Acq: 26 Aug 2023 04:40

Tgt Ion: 50 Resp: 189808
 Ion Ratio Lower Upper
 50 100
 52 30.3 23.0 42.8

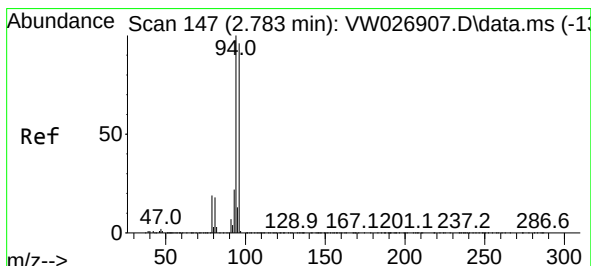
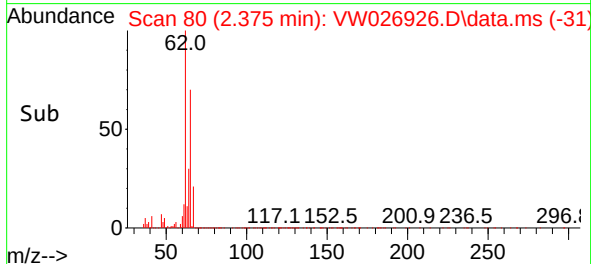
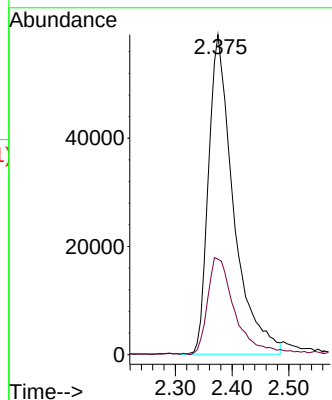
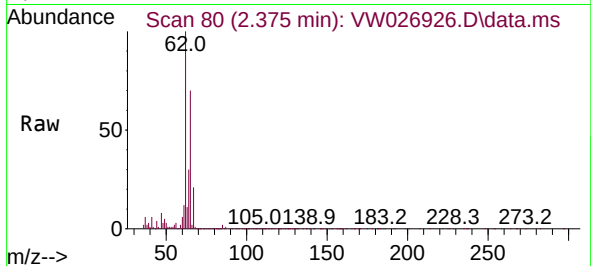




#5
 Vinyl chloride
 Concen: 23.941 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026926.D
 Acq: 26 Aug 2023 04:40

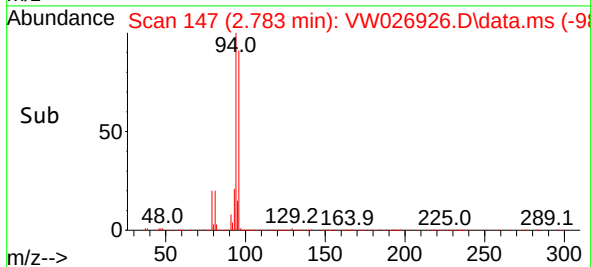
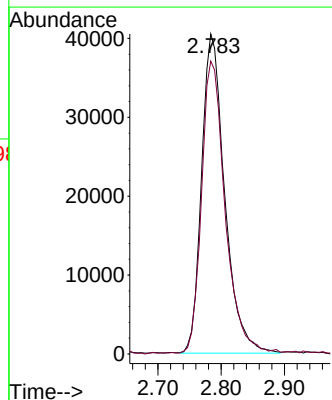
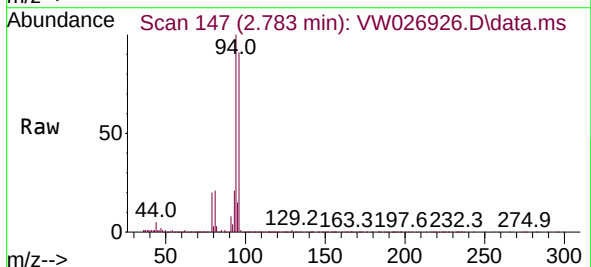
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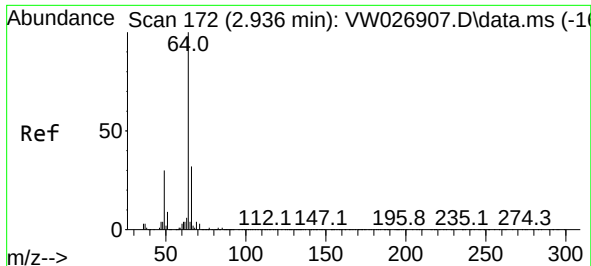
Tgt Ion: 62 Resp: 180765
 Ion Ratio Lower Upper
 62 100
 64 29.8 22.7 42.3



#6
 Bromomethane
 Concen: 23.400 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026926.D
 Acq: 26 Aug 2023 04:40

Tgt Ion: 94 Resp: 102940
 Ion Ratio Lower Upper
 94 100
 96 91.5 64.8 120.3

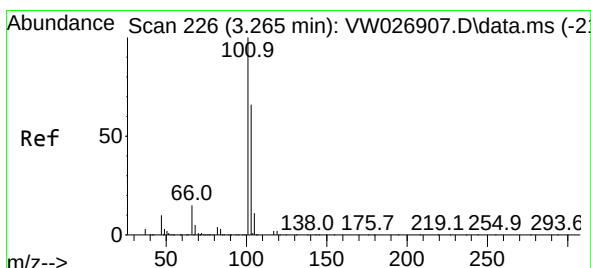
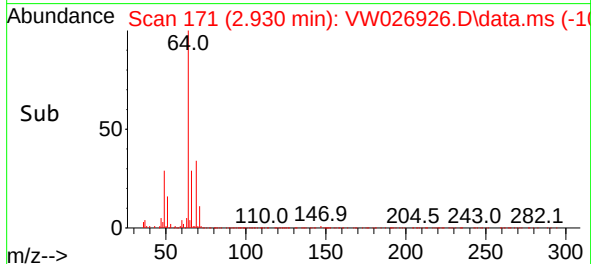
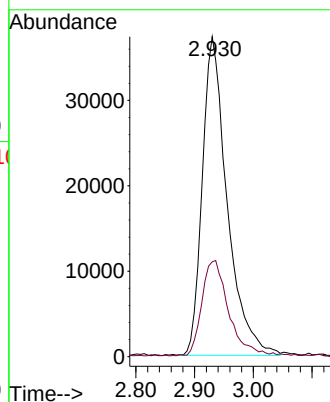
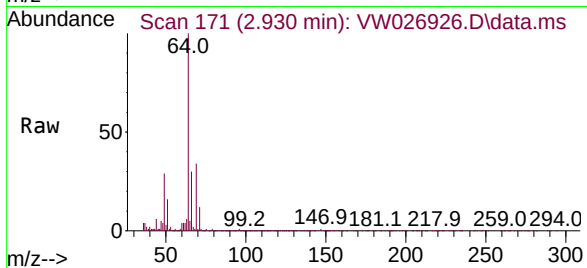




#8
Chloroethane
Concen: 24.246 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

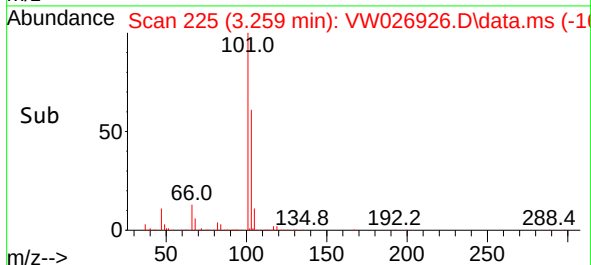
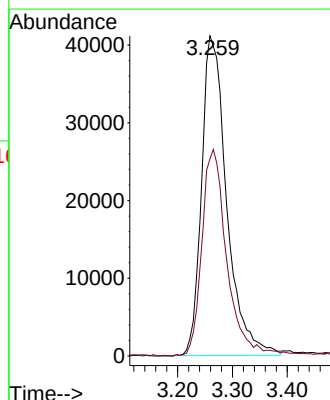
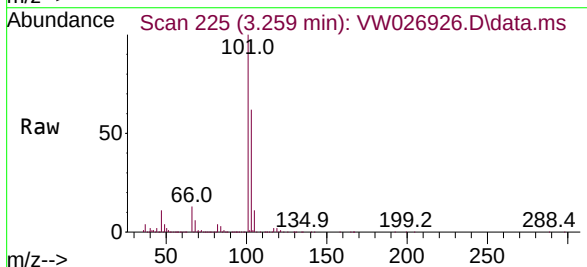
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MSVOA_W
ClientSampleId :

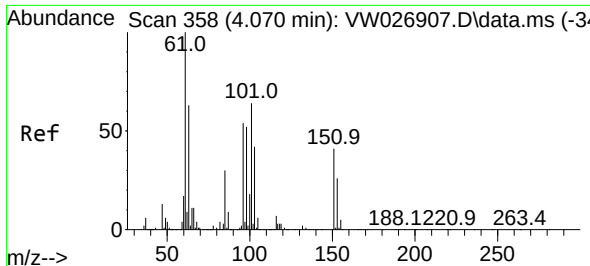
Tgt Ion: 64 Resp: 109691
Ion Ratio Lower Upper
64 100
66 29.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.116 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 101 Resp: 130843
Ion Ratio Lower Upper
101 100
103 62.1 51.9 77.9

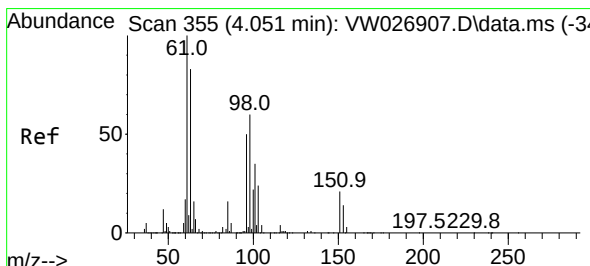
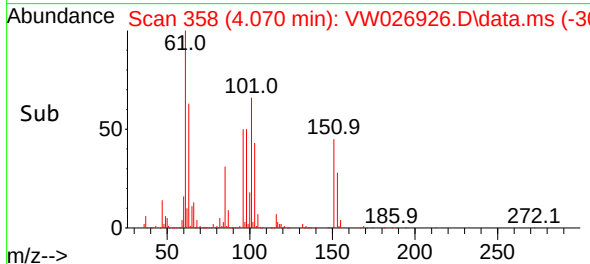
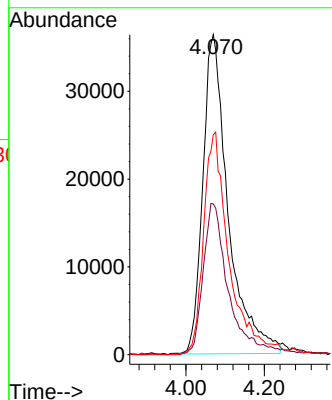
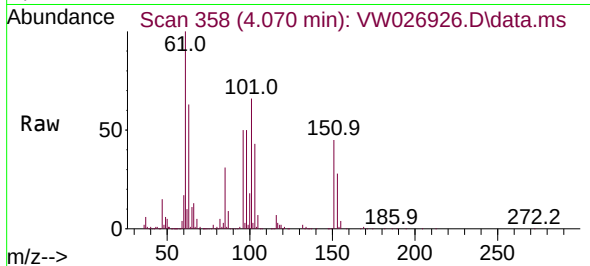




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.483 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026926.D
 Acq: 26 Aug 2023 04:40

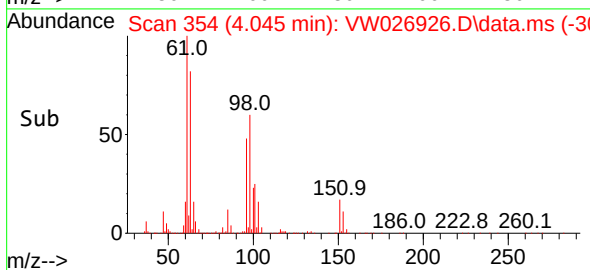
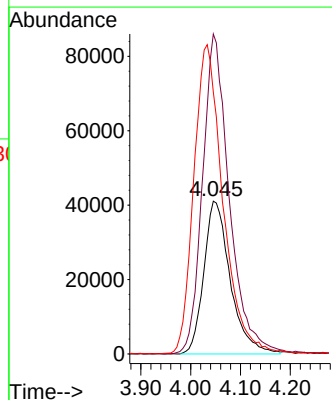
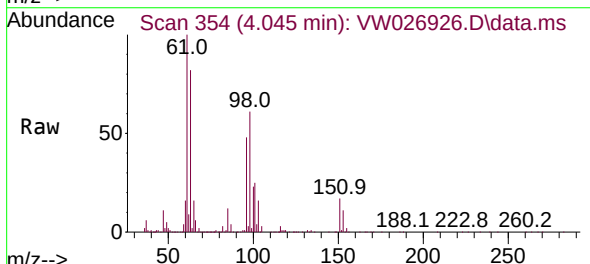
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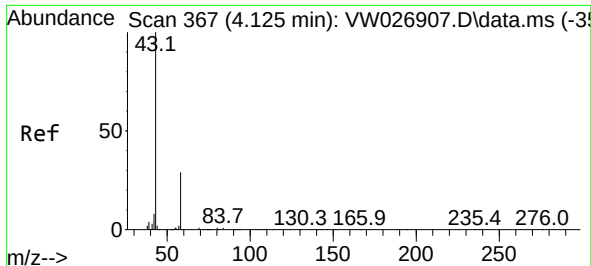
Tgt Ion:101 Resp: 163870
 Ion Ratio Lower Upper
 101 100
 85 43.6 32.8 49.2
 151 64.0 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 24.138 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026926.D
 Acq: 26 Aug 2023 04:40

Tgt Ion: 96 Resp: 151570
 Ion Ratio Lower Upper
 96 100
 61 209.4 133.2 247.4
 63 171.4 109.0 202.4

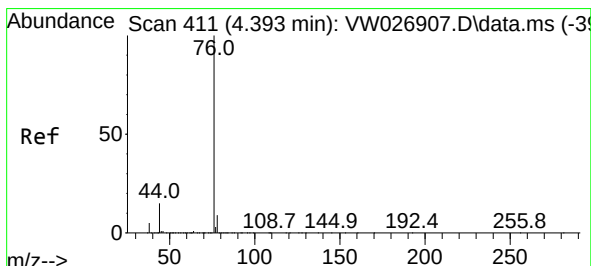
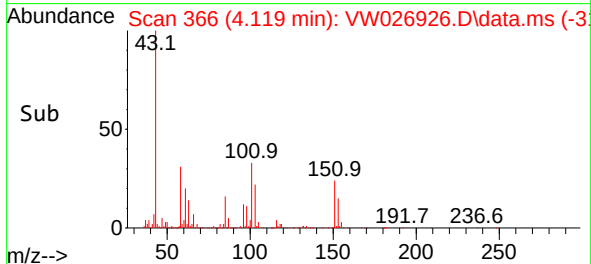
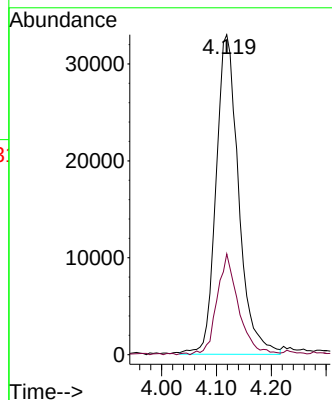
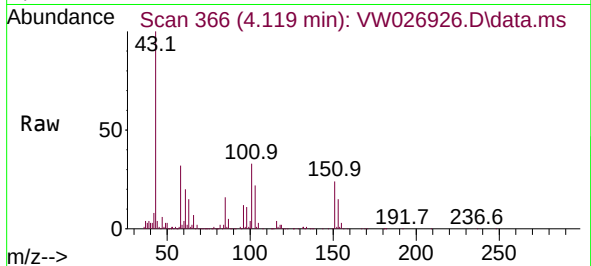




#13
Acetone
Concen: 47.304 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

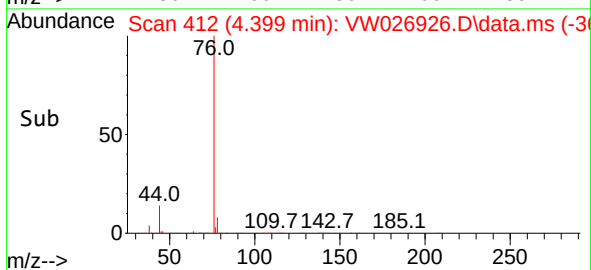
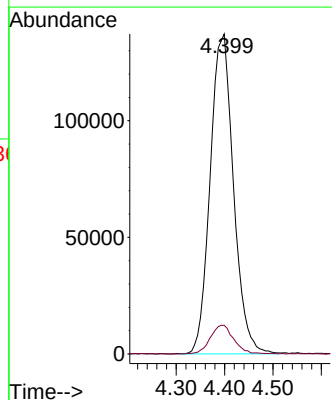
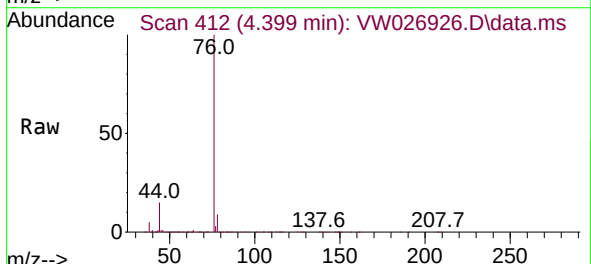
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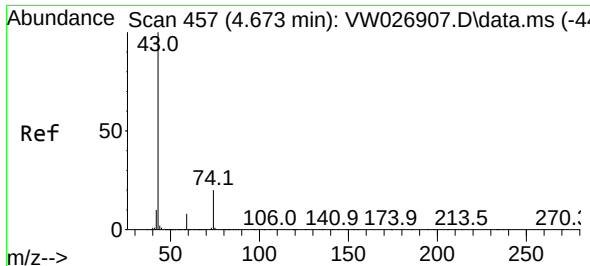
Tgt Ion: 43 Resp: 94410
Ion Ratio Lower Upper
43 100
58 28.3 0.0 57.4



#14
Carbon disulfide
Concen: 20.364 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 460039
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

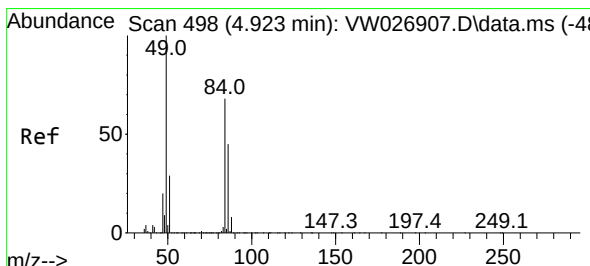
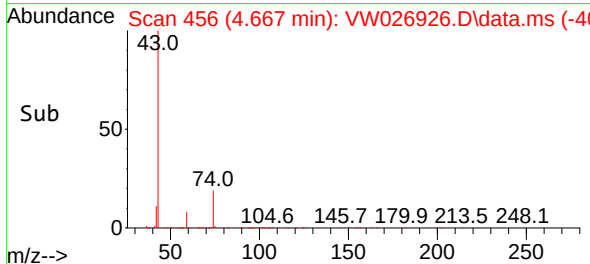
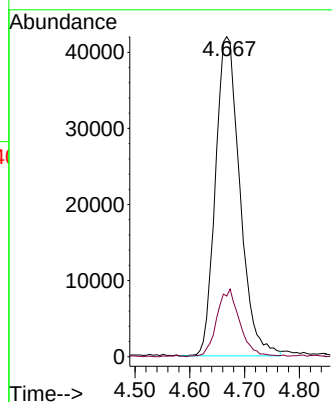
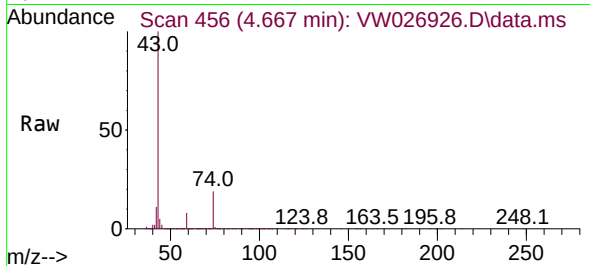




#15
Methyl Acetate
Concen: 32.545 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

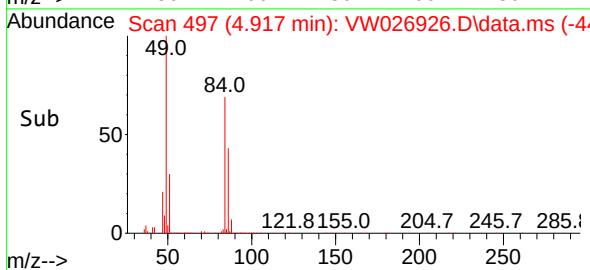
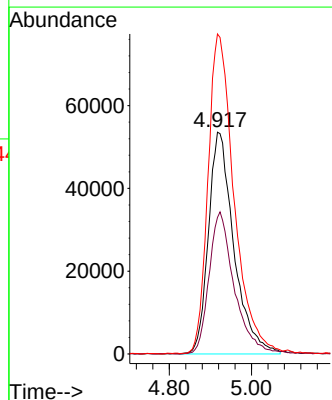
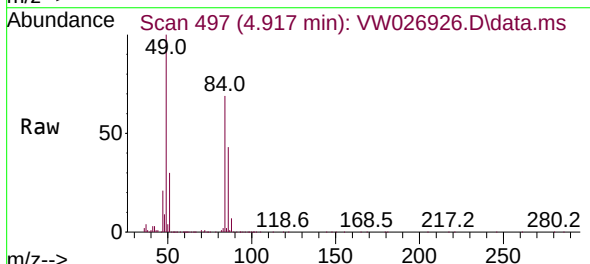
Instrument :
MSVOA_W
ClientSampleId :

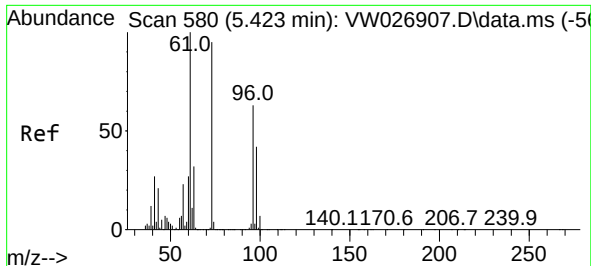
Tgt Ion: 43 Resp: 130109
Ion Ratio Lower Upper
43 100
74 20.0 16.4 24.6



#16
Methylene chloride
Concen: 28.022 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 84 Resp: 230284
Ion Ratio Lower Upper
84 100
86 61.5 43.5 80.9
49 144.3 96.0 178.2

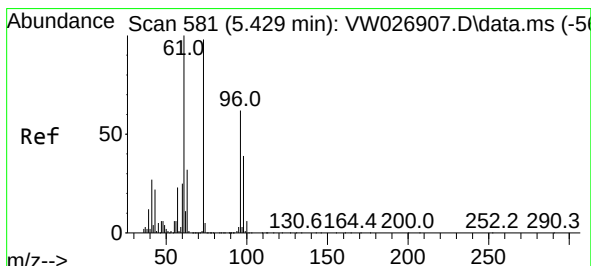
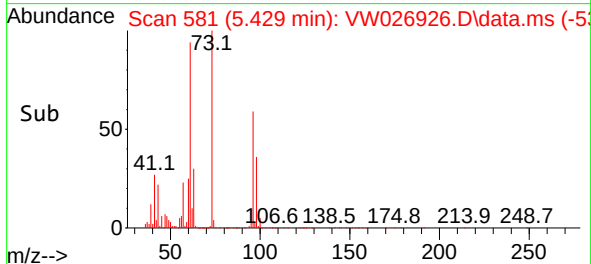
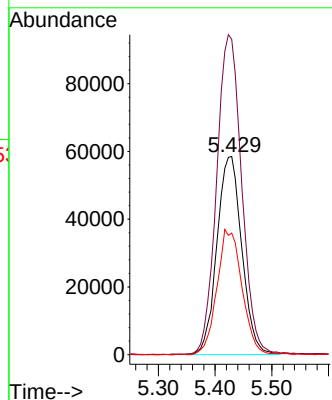
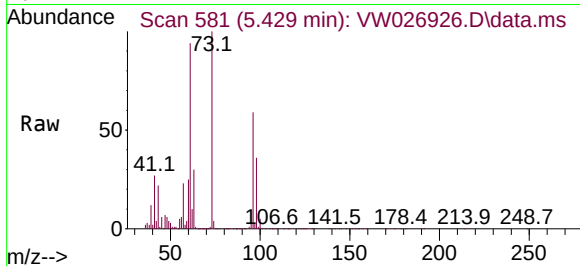




#17
trans-1,2-Dichloroethene
Concen: 25.421 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

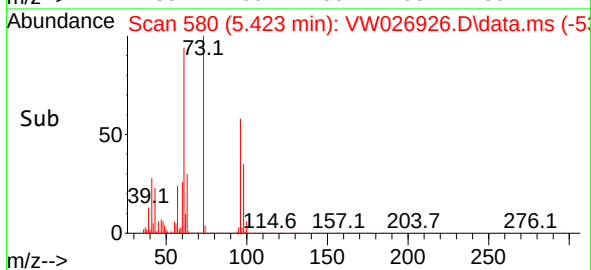
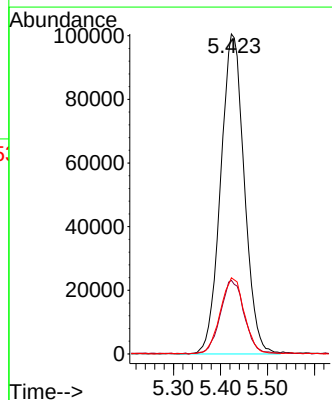
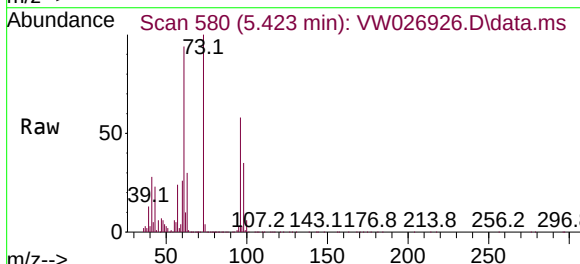
Instrument :
MSVOA_W
ClientSampleId :

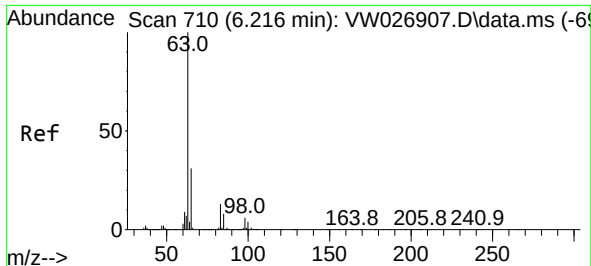
Tgt Ion: 96 Resp: 178125
Ion Ratio Lower Upper
96 100
61 159.1 109.4 203.2
98 61.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 33.085 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 73 Resp: 350780
Ion Ratio Lower Upper
73 100
43 23.4 18.0 27.0
57 23.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 28.573 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

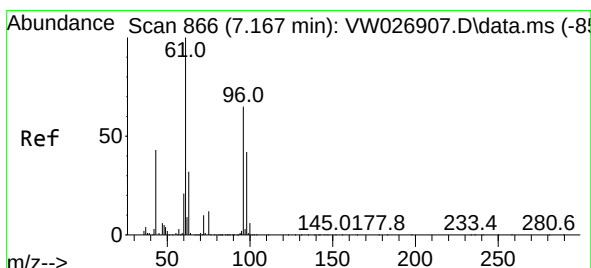
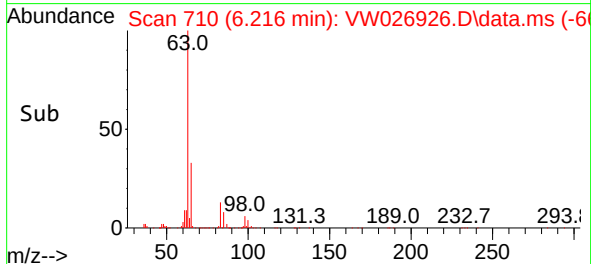
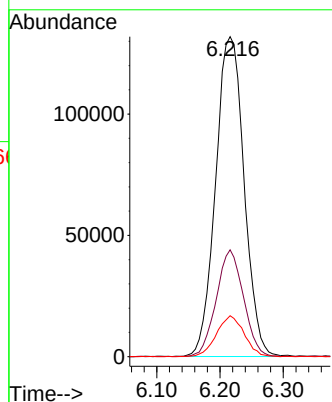
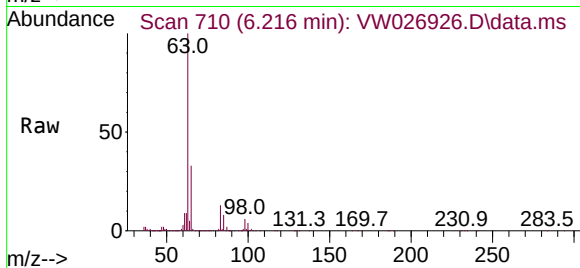
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63 Resp: 412070

Ion	Ratio	Lower	Upper
63	100		
65	33.4	21.8	40.6
83	12.8	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 27.997 ug/L

RT: 7.167 min Scan# 866

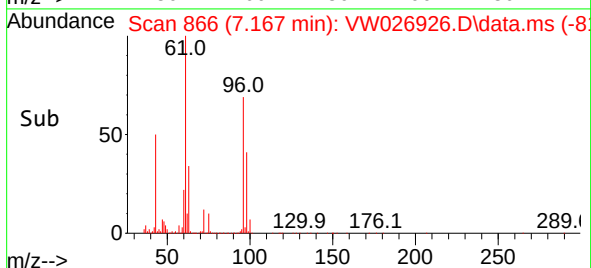
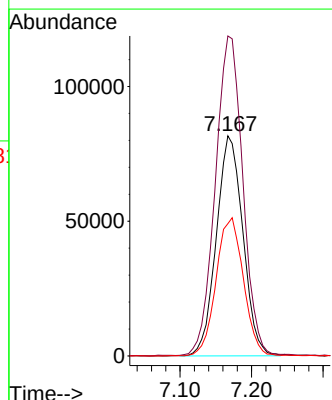
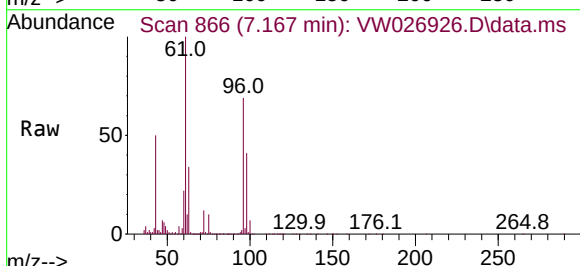
Delta R.T. 0.000 min

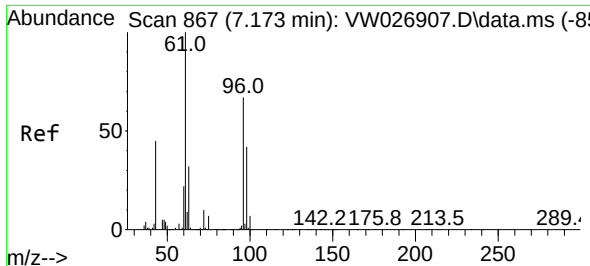
Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Tgt Ion: 96 Resp: 210863

Ion	Ratio	Lower	Upper
96	100		
61	145.3	101.2	188.0
98	60.1	43.8	81.3

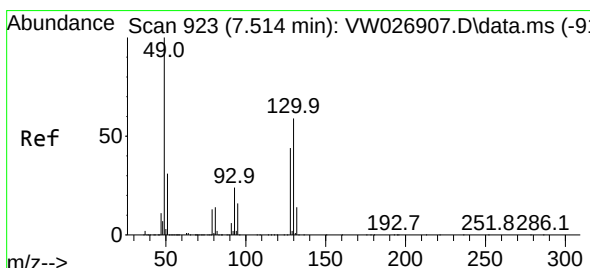
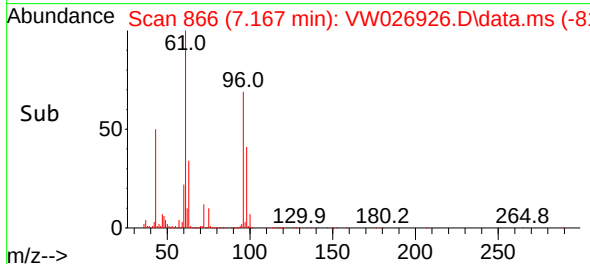
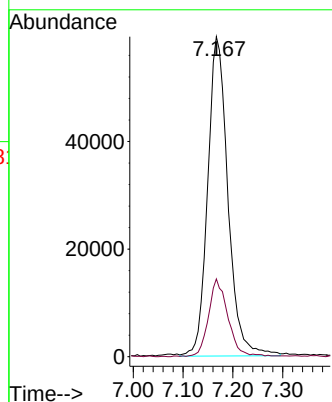
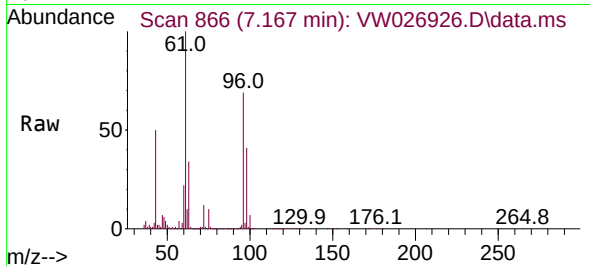




#22
2-Butanone
Concen: 57.040 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

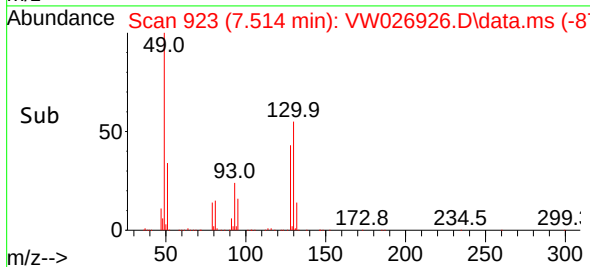
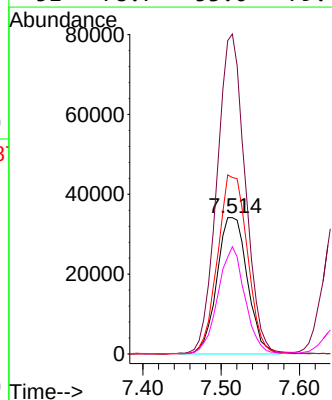
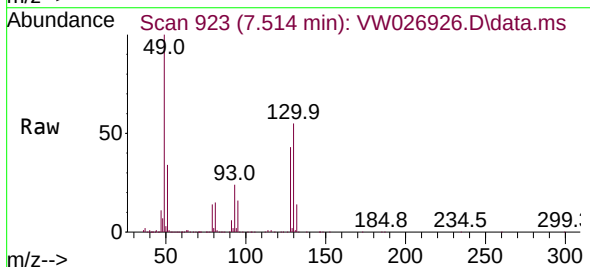
Instrument :
MSVOA_W
ClientSampleId :

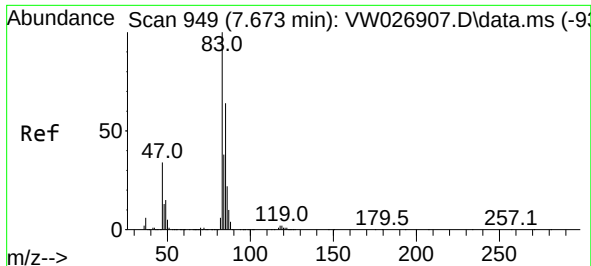
Tgt Ion: 43 Resp: 167769
Ion Ratio Lower Upper
43 100
72 22.5 11.8 35.4



#23
Bromochloromethane
Concen: 28.411 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 128 Resp: 92433
Ion Ratio Lower Upper
128 100
49 234.7 143.1 265.7
130 129.4 91.8 170.4
51 78.7 53.0 79.4

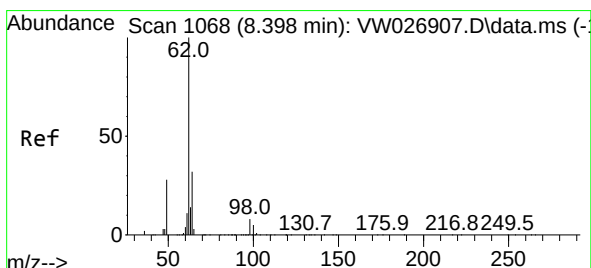
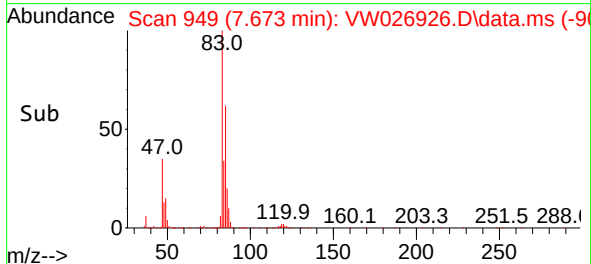
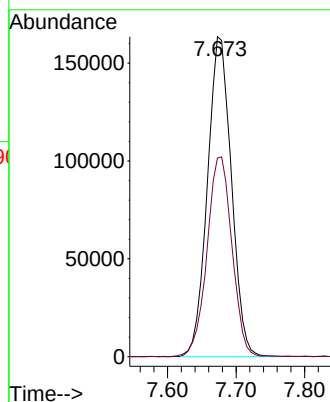
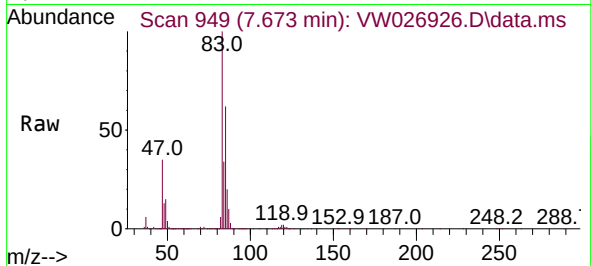




#25
Chloroform
Concen: 28.482 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

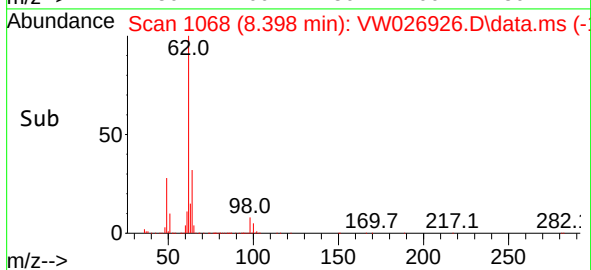
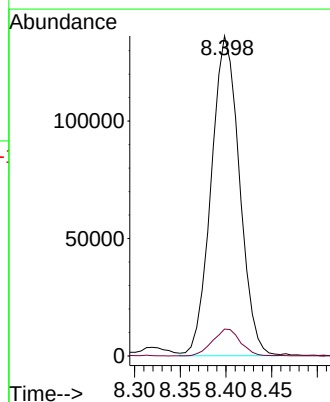
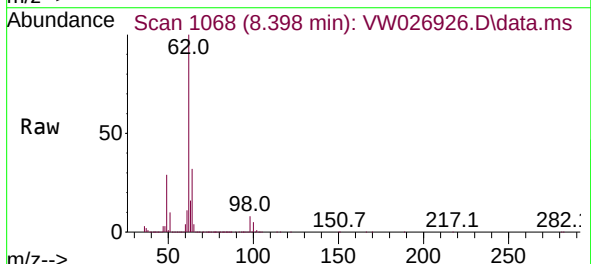
Instrument :
MSVOA_W
ClientSampleId :

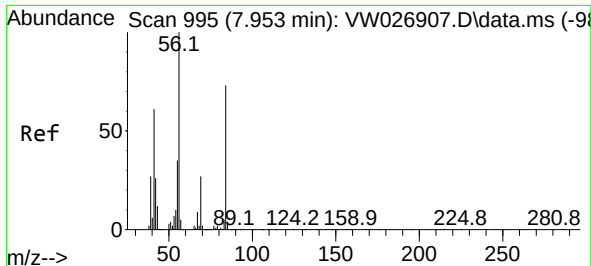
Tgt Ion: 83 Resp: 396825
Ion Ratio Lower Upper
83 100
85 62.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 30.150 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

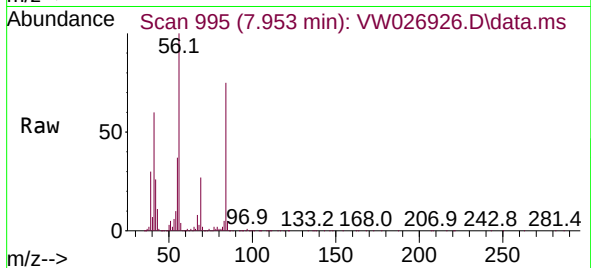
Tgt Ion: 62 Resp: 293045
Ion Ratio Lower Upper
62 100
98 8.4 7.1 10.7



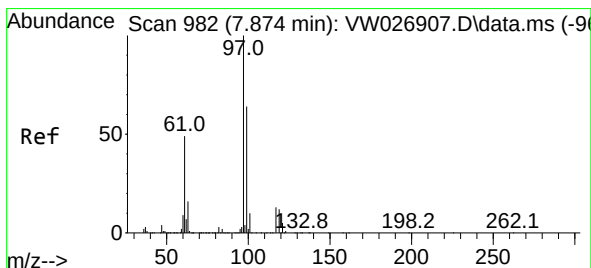
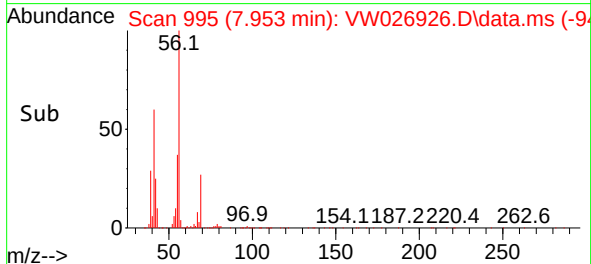
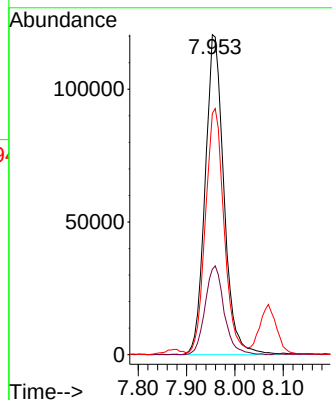


#29
Cyclohexane
Concen: 25.029 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Instrument :
MSVOA_W
ClientSampleId :

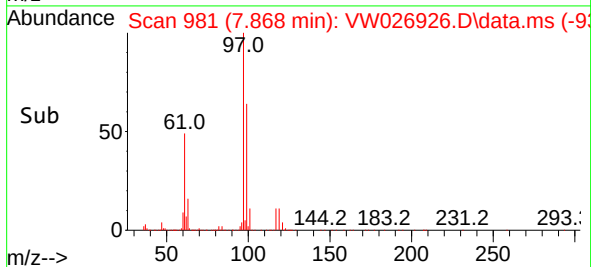
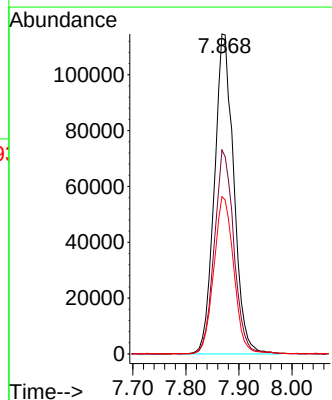
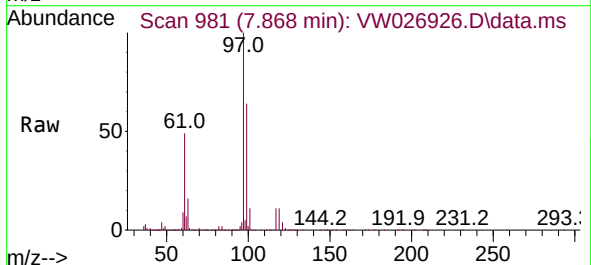


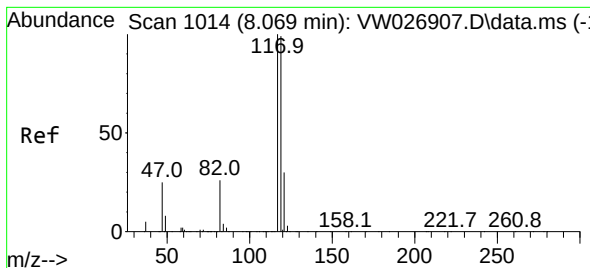
Tgt Ion: 56 Resp: 324952
Ion Ratio Lower Upper
56 100
69 28.1 23.2 34.8
84 76.4 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 26.553 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 97 Resp: 290933
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 50.1 39.2 58.8





#31

Carbon tetrachloride

Concen: 25.575 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

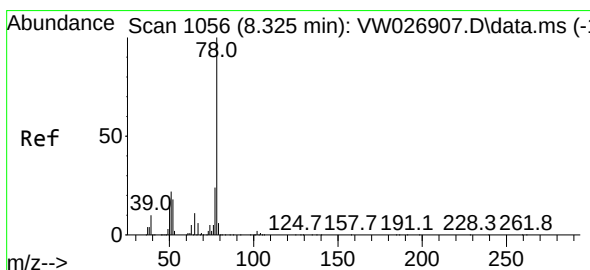
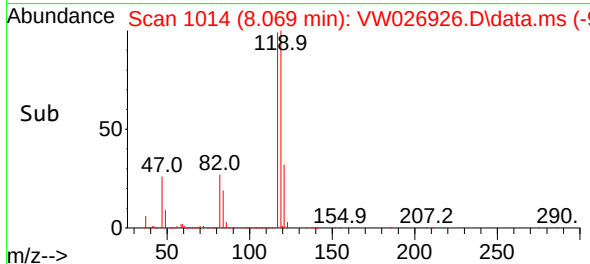
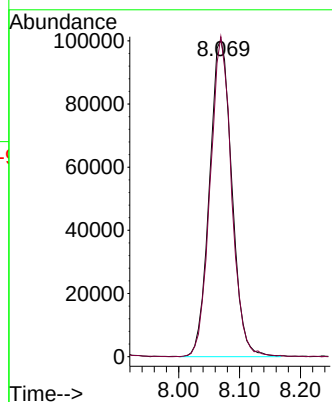
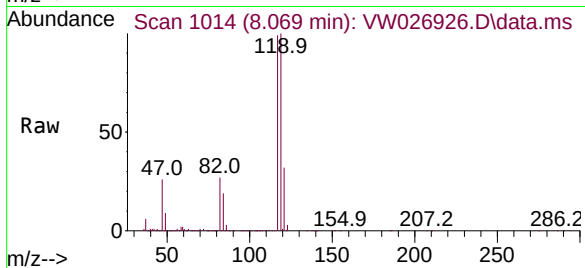
ClientSampleId :

Tgt Ion:117 Resp: 256206

Ion Ratio Lower Upper

117 100

119 96.2 73.0 109.4



#33

Benzene

Concen: 27.520 ug/L

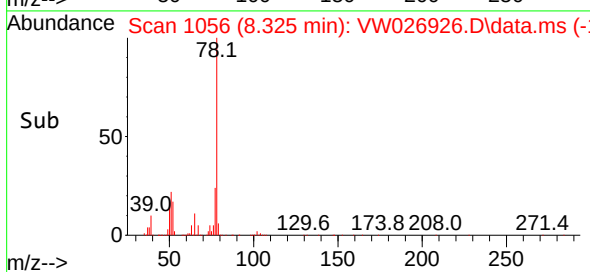
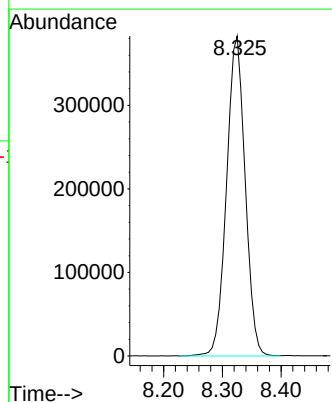
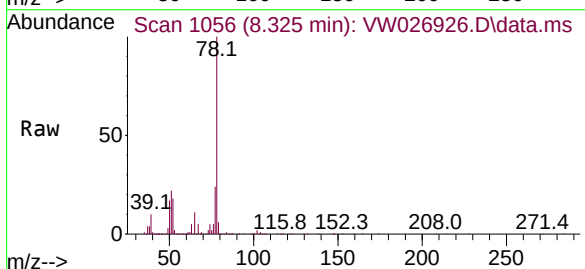
RT: 8.325 min Scan# 1056

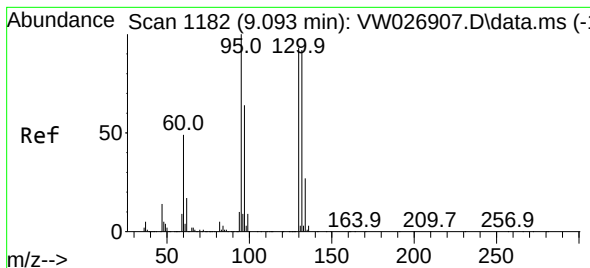
Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Tgt Ion: 78 Resp: 841349





#34

Trichloroethene

Concen: 26.929 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

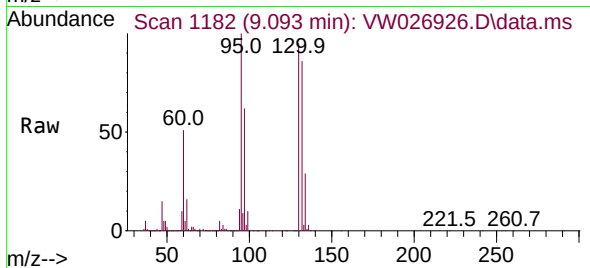
Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 209677

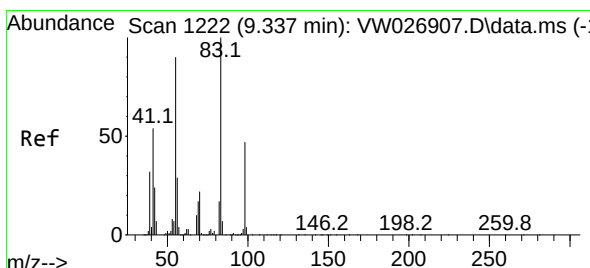
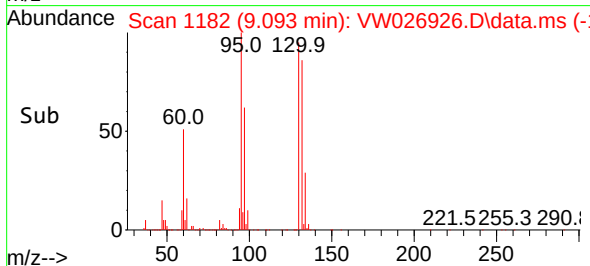
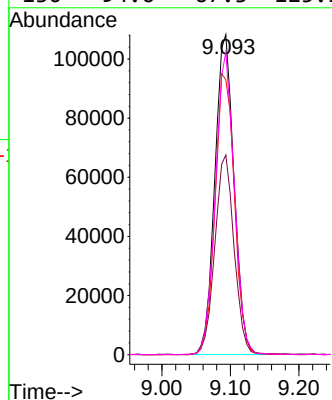
Ion Ratio Lower Upper

95 100

97 62.4 44.6 82.8

132 86.0 66.4 123.2

130 94.6 67.3 125.1



#35

Methylcyclohexane

Concen: 24.301 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

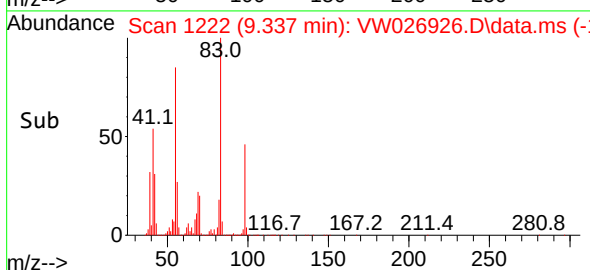
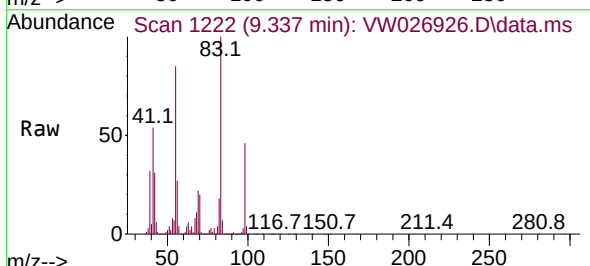
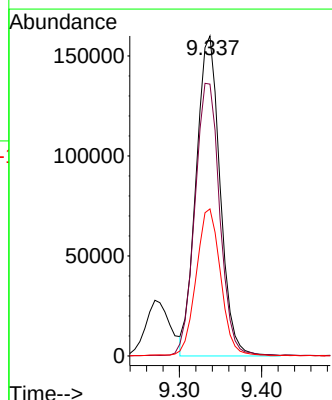
Tgt Ion: 83 Resp: 323695

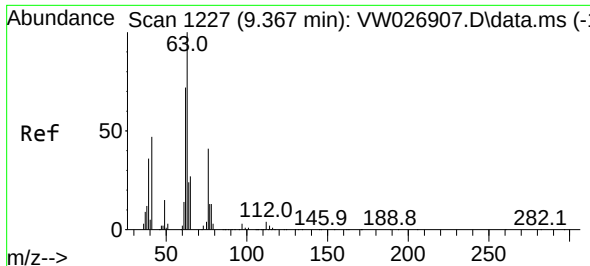
Ion Ratio Lower Upper

83 100

55 88.3 69.3 103.9

98 46.9 37.4 56.0





#37

1,2-Dichloropropane

Concen: 29.023 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

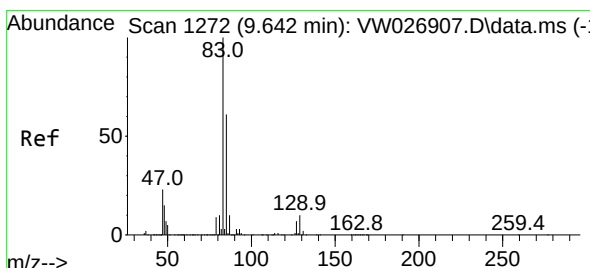
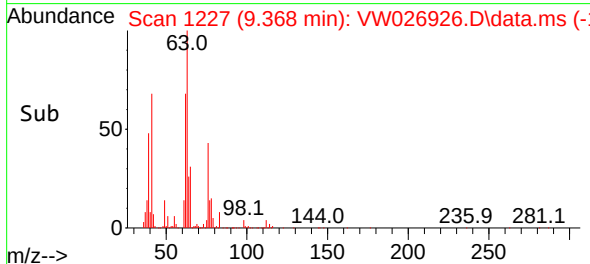
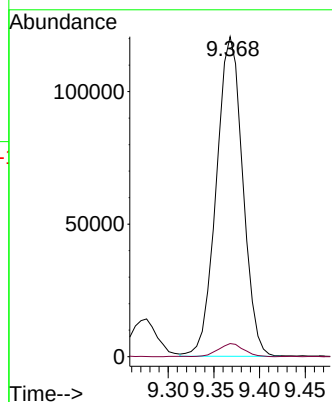
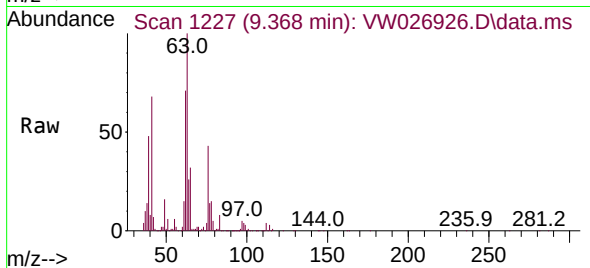
ClientSampleId :

Tgt Ion: 63 Resp: 243034

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 29.087 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

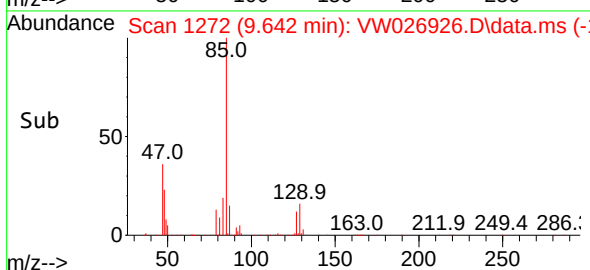
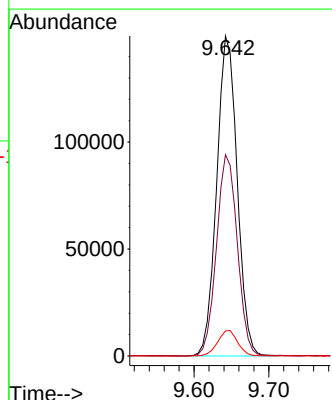
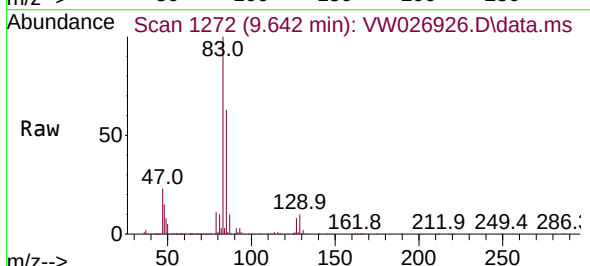
Tgt Ion: 83 Resp: 285738

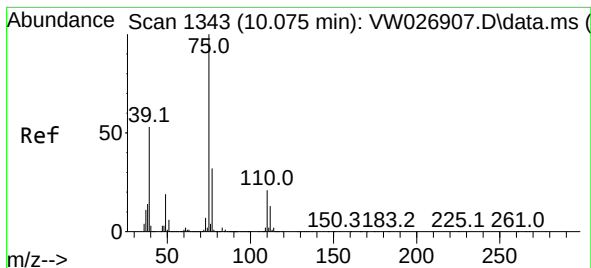
Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.2

127 7.8 6.2 9.2

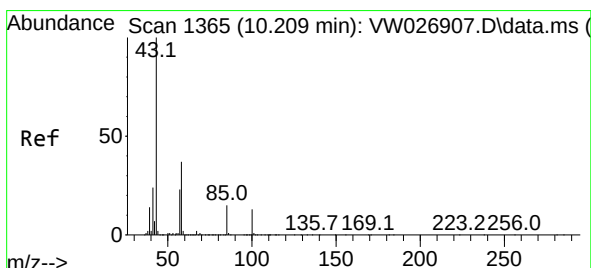
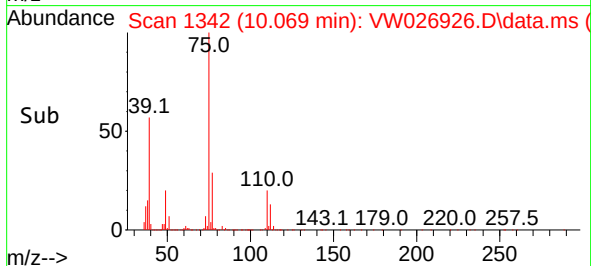
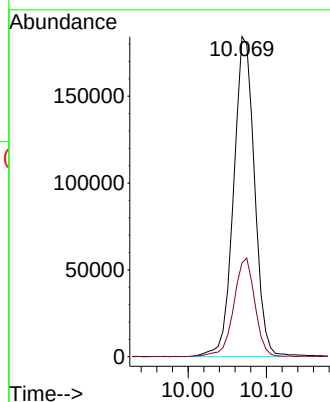
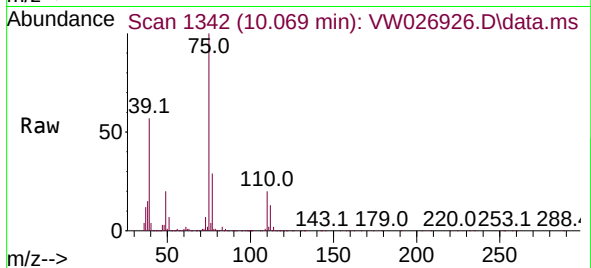




#39
cis-1,3-Dichloropropene
Concen: 28.302 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

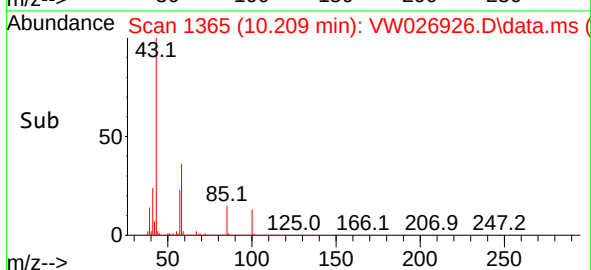
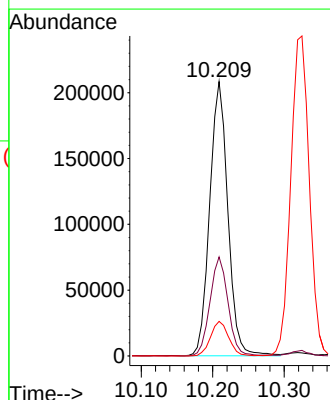
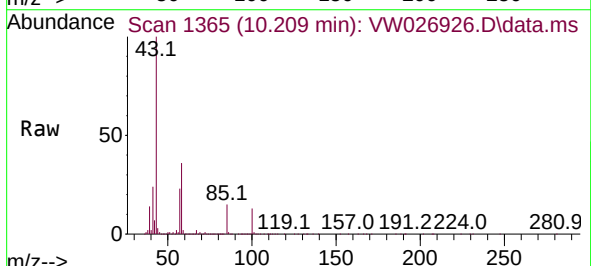
Instrument :
MSVOA_W
ClientSampleId :

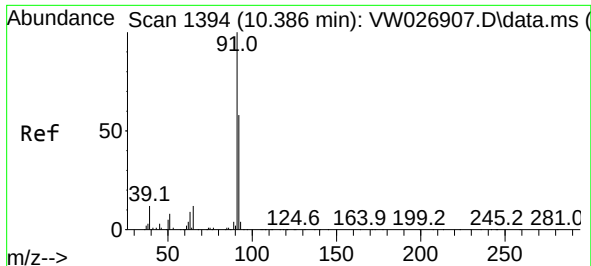
Tgt Ion: 75 Resp: 340948
Ion Ratio Lower Upper
75 100
77 29.3 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 67.463 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 43 Resp: 367474
Ion Ratio Lower Upper
43 100
58 35.8 29.2 43.8
100 12.7 10.7 16.1

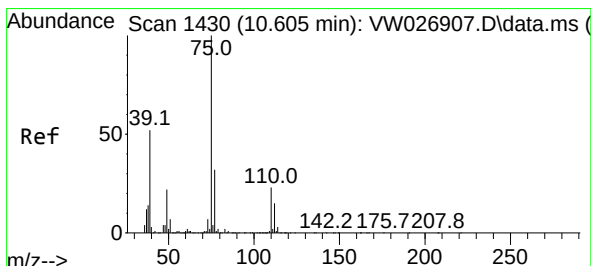
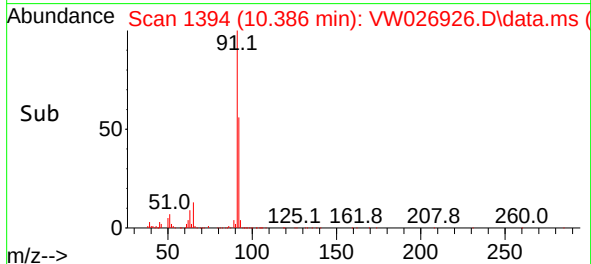
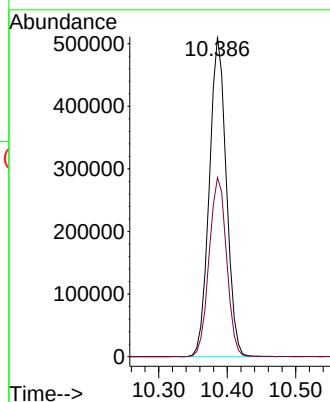
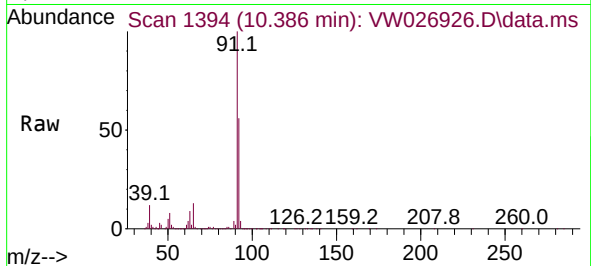




#42
Toluene
Concen: 28.465 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

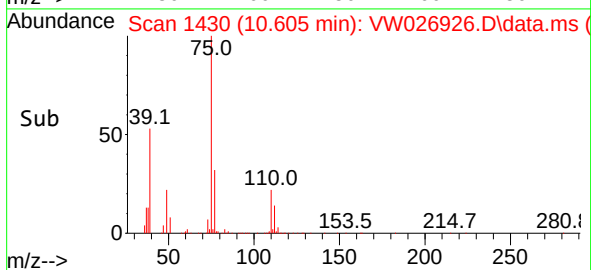
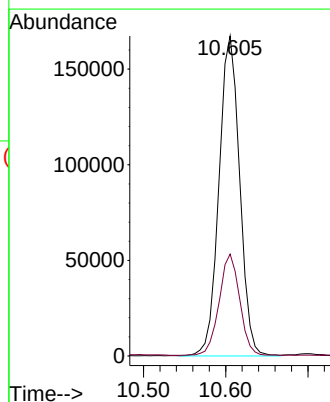
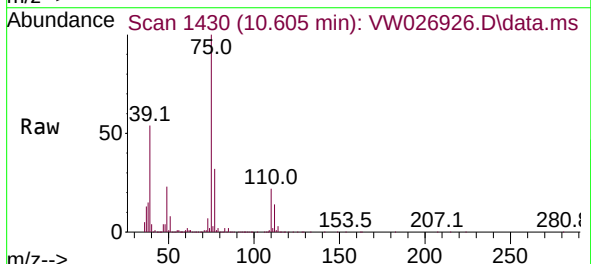
Instrument :
MSVOA_W
ClientSampleId :

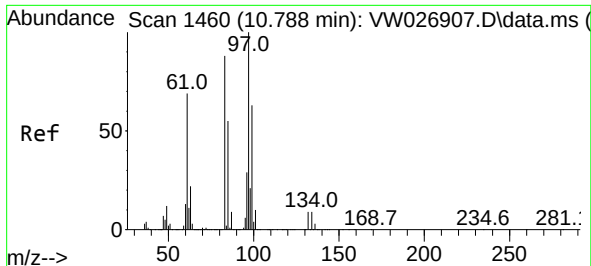
Tgt Ion: 91 Resp: 880338
Ion Ratio Lower Upper
91 100
92 55.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 28.205 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 75 Resp: 292455
Ion Ratio Lower Upper
75 100
77 31.9 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 29.415 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

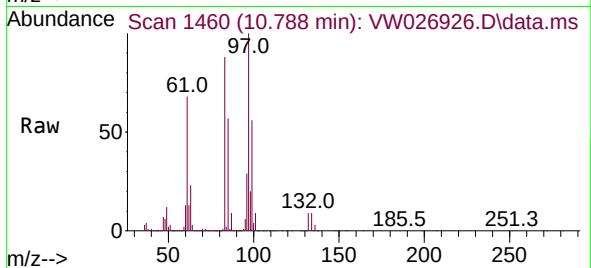
Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 168460

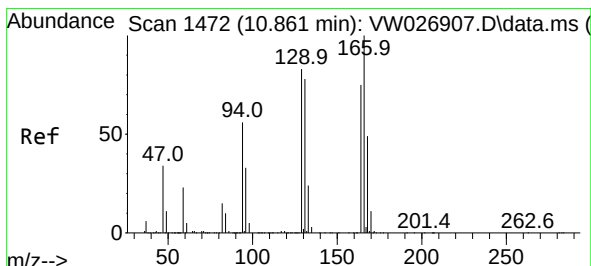
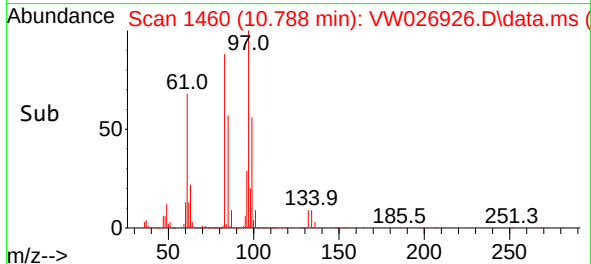
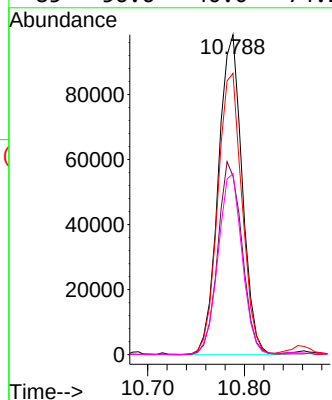
Ion Ratio Lower Upper

97 100

99 55.8 44.2 82.0

83 88.0 61.9 114.9

85 56.6 40.0 74.2



#46

Tetrachloroethene

Concen: 24.378 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Tgt Ion:164 Resp: 137899

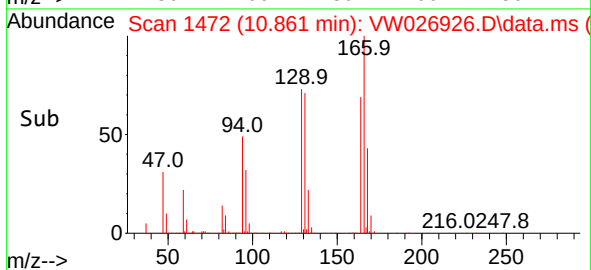
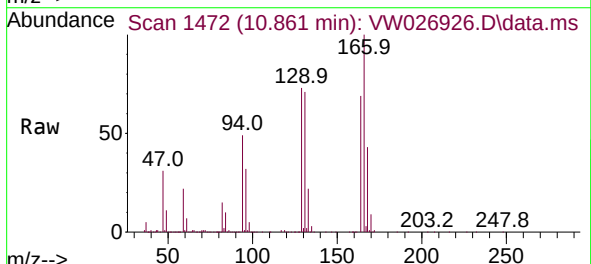
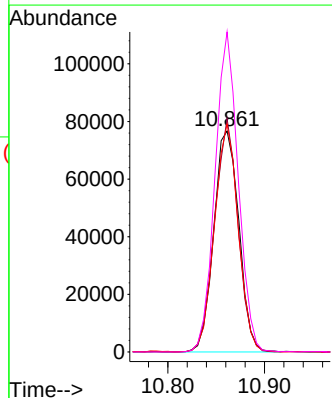
Ion Ratio Lower Upper

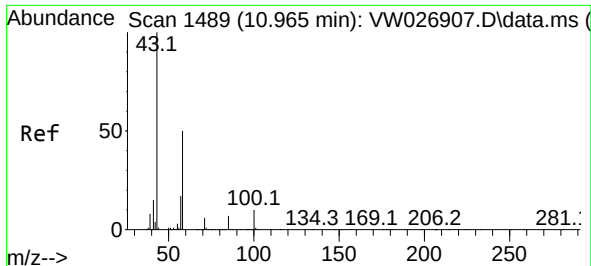
164 100

129 105.7 68.1 126.5

131 103.2 65.5 121.7

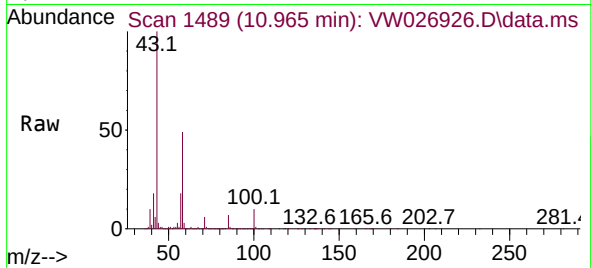
166 144.8 89.1 165.5





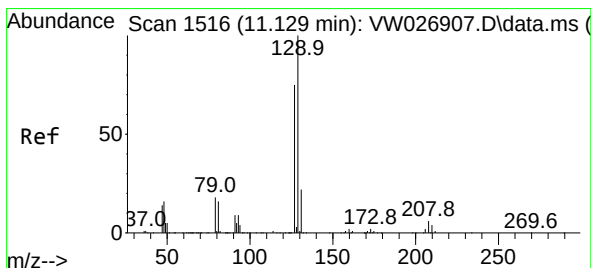
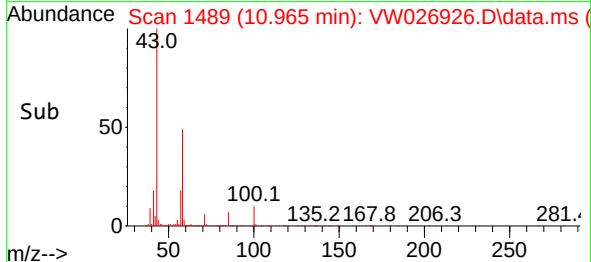
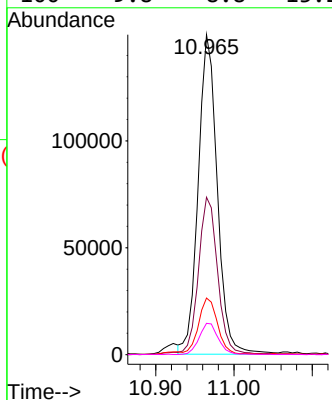
#48
2-Hexanone
Concen: 68.287 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 253101

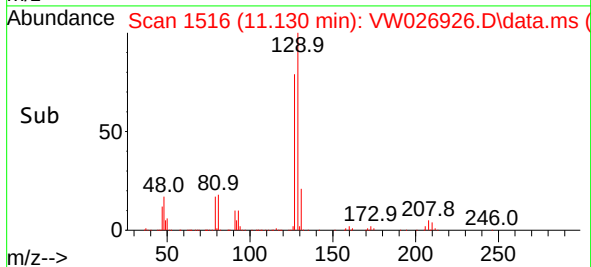
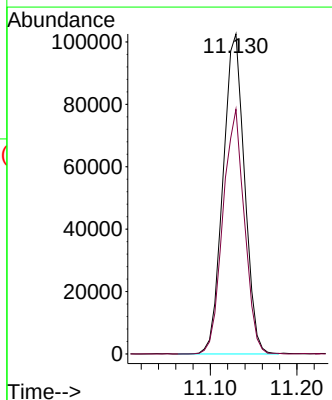
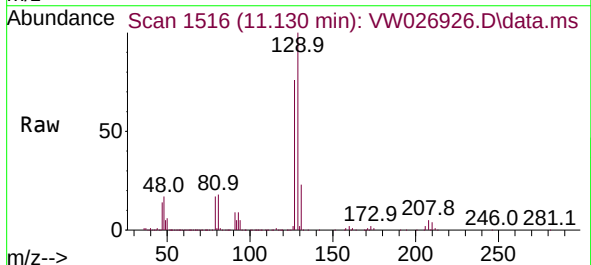
Ion	Ratio	Lower	Upper
43	100		
58	50.2	41.1	61.7
57	16.9	14.3	21.5
100	9.8	8.8	13.2

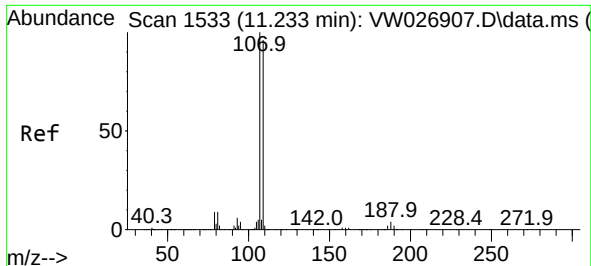


#49
Dibromochloromethane
Concen: 29.527 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 129 Resp: 176866

Ion	Ratio	Lower	Upper
129	100		
127	76.4	56.6	105.2





#50

1,2-Dibromoethane

Concen: 28.597 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

ClientSampleId :

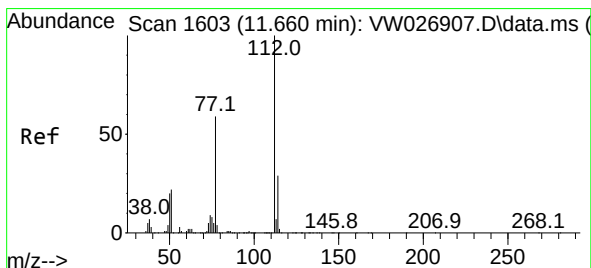
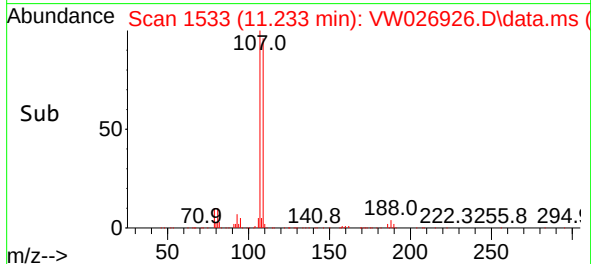
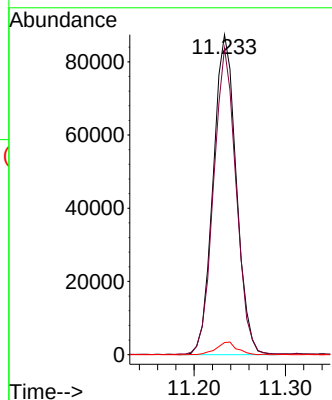
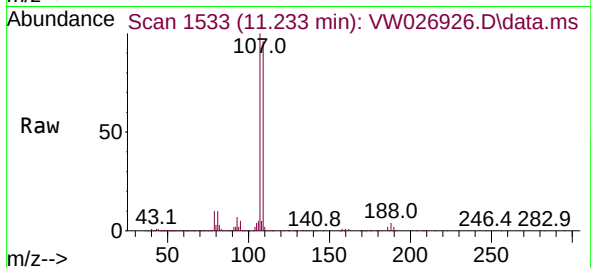
Tgt Ion:107 Resp: 153669

Ion Ratio Lower Upper

107 100

109 95.8 68.8 127.8

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 27.467 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

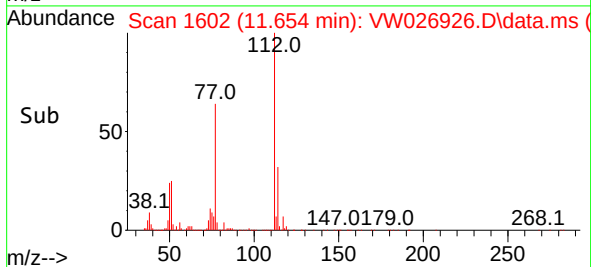
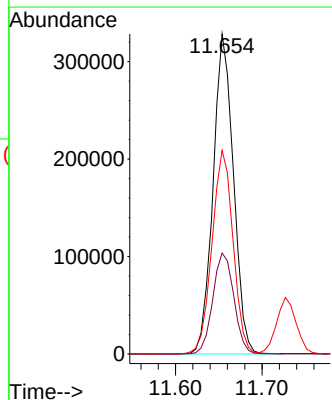
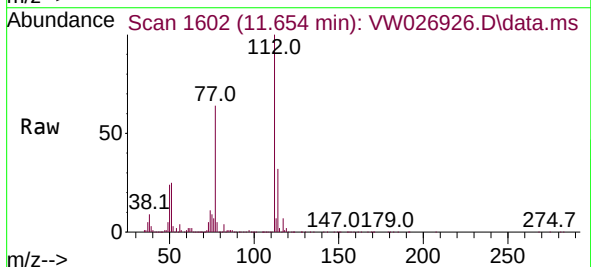
Tgt Ion:112 Resp: 536573

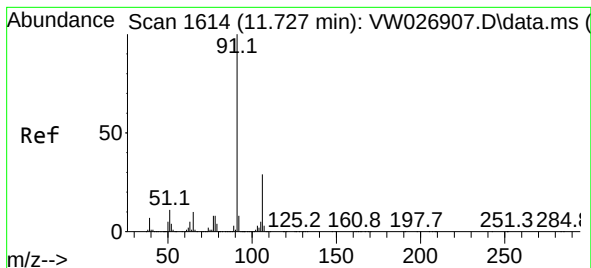
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 63.6 50.2 75.2

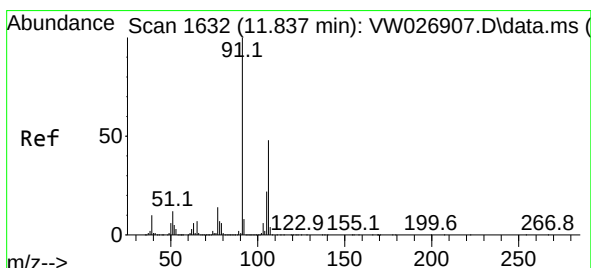
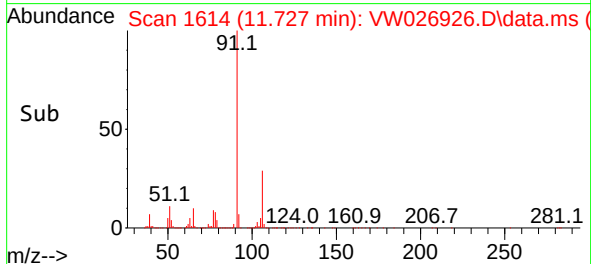
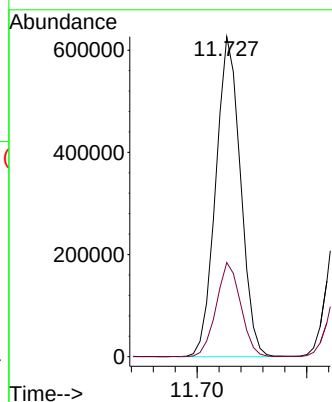
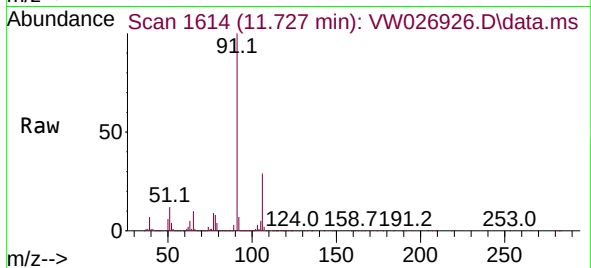




#52
Ethylbenzene
Concen: 28.352 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

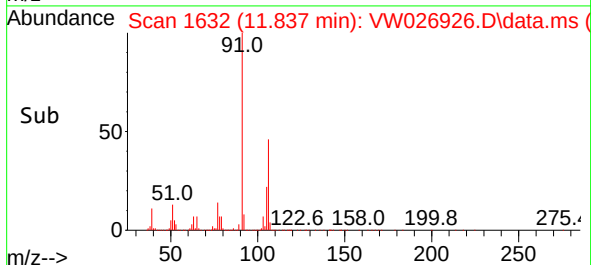
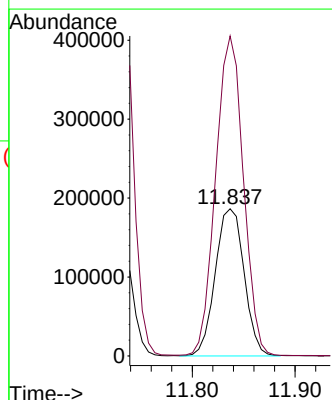
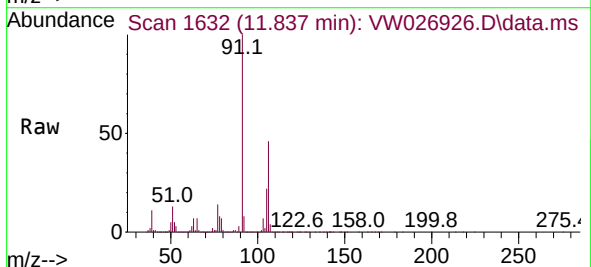
Instrument :
MSVOA_W
ClientSampleId :

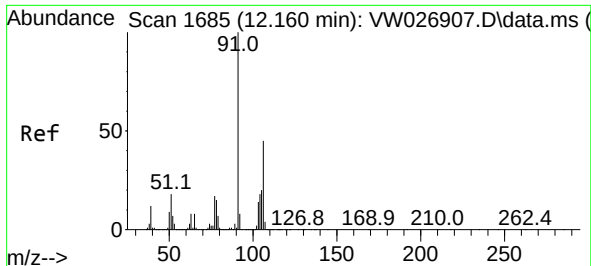
Tgt Ion: 91 Resp: 983281
Ion Ratio Lower Upper
91 100
106 29.4 20.2 37.6



#53
m,p-Xylene
Concen: 28.268 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion: 106 Resp: 363188
Ion Ratio Lower Upper
106 100
91 217.4 152.9 284.1

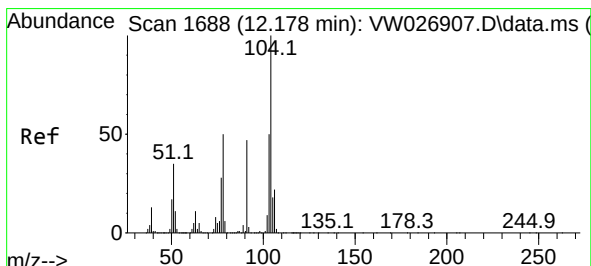
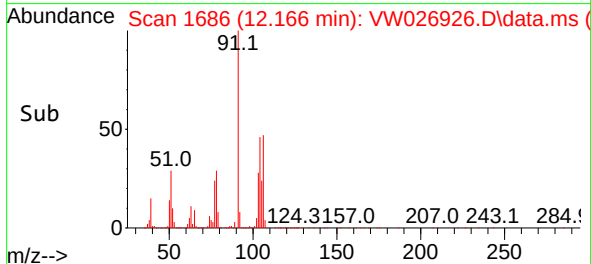
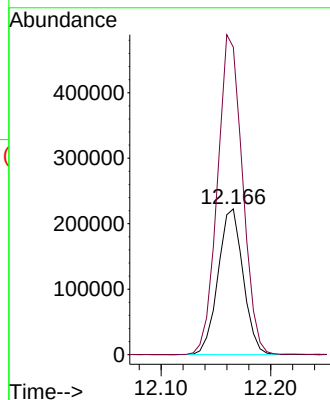
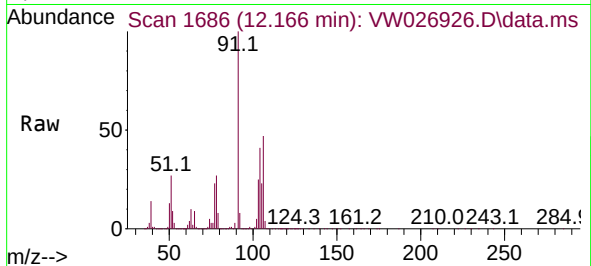




#54
o-Xylene
Concen: 29.409 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

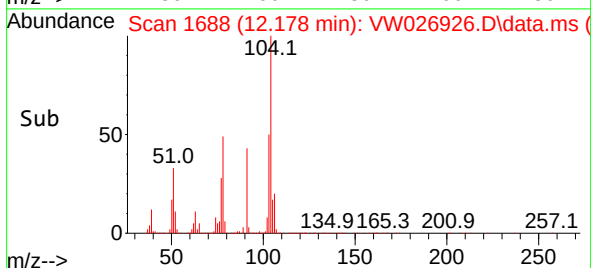
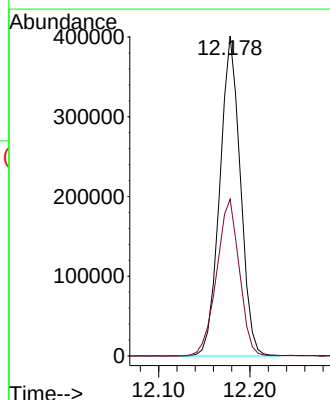
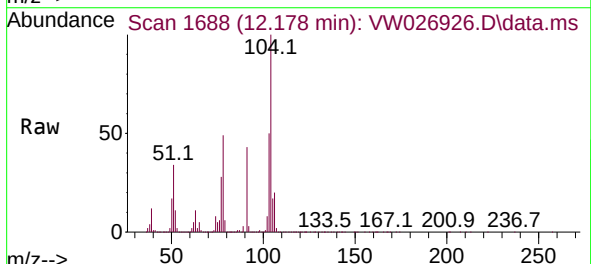
Instrument :
MSVOA_W
ClientSampleId :

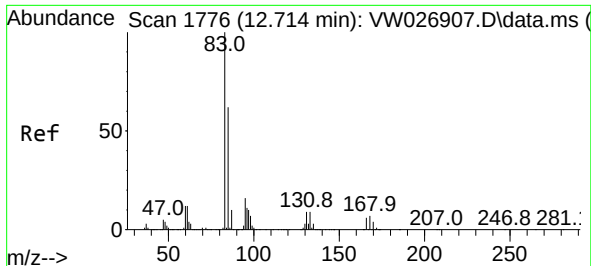
Tgt Ion:106 Resp: 352645
Ion Ratio Lower Upper
106 100
91 211.1 149.9 278.3



#55
Styrene
Concen: 30.140 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion:104 Resp: 628400
Ion Ratio Lower Upper
104 100
78 49.0 33.0 61.2





#57

1,1,2-Tetrachloroethane

Concen: 30.177 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

ClientSampleId :

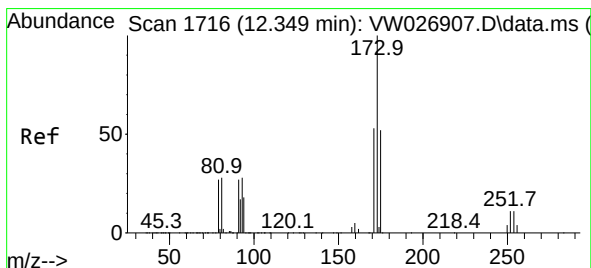
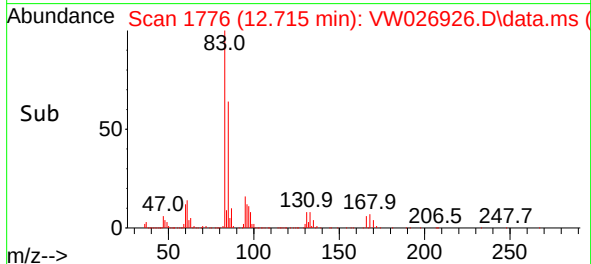
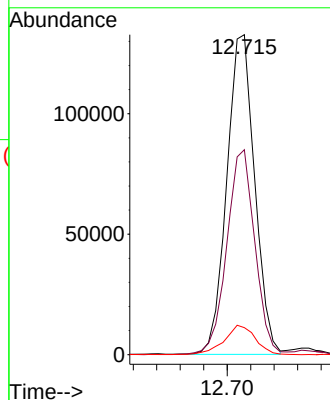
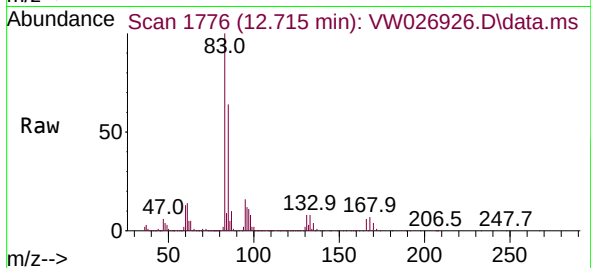
Tgt Ion: 83 Resp: 218879

Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.3

131 8.4 7.4 11.0



#59

Bromoform

Concen: 28.550 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

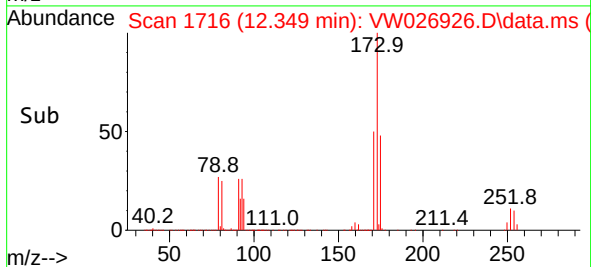
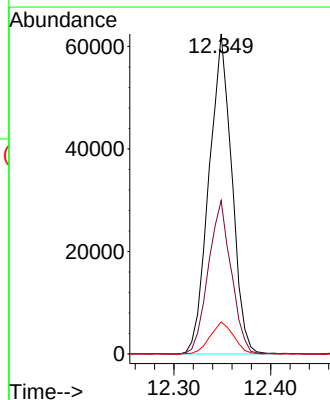
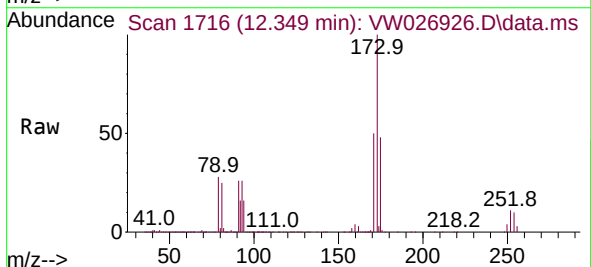
Tgt Ion:173 Resp: 102495

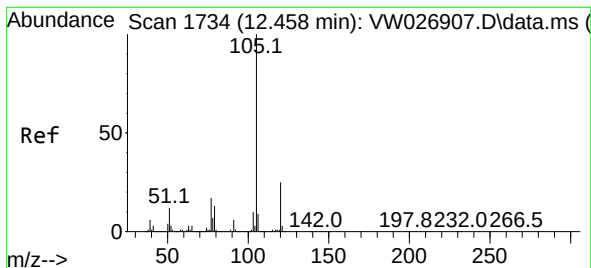
Ion Ratio Lower Upper

173 100

175 48.1 36.6 55.0

254 10.3 7.8 11.6





#60

Isopropylbenzene

Concen: 27.916 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

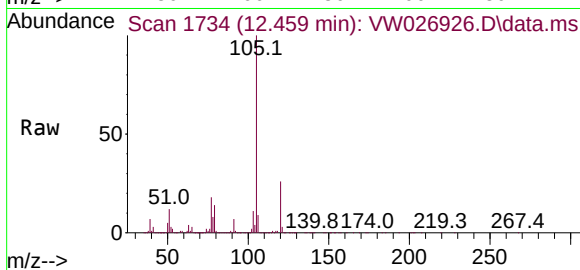
Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

ClientSampleId :



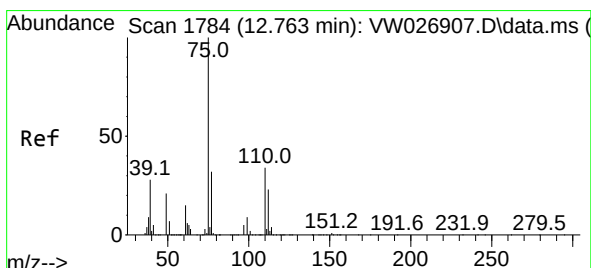
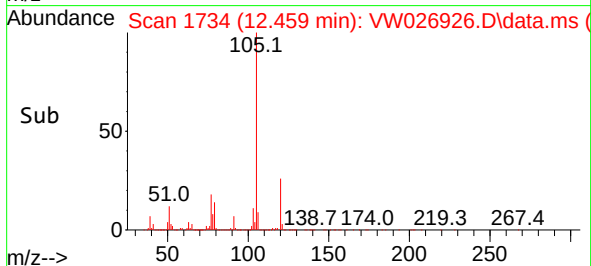
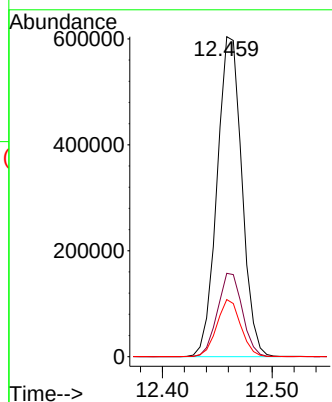
Tgt Ion:105 Resp: 951182

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.6

77 17.1 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 29.364 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

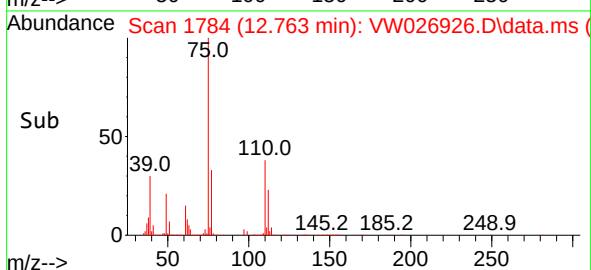
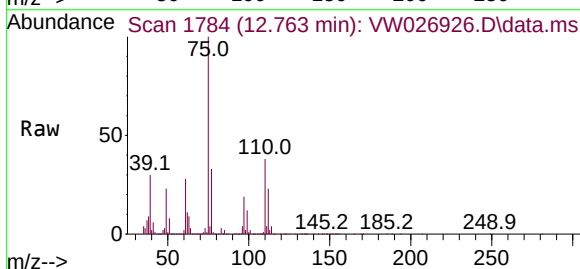
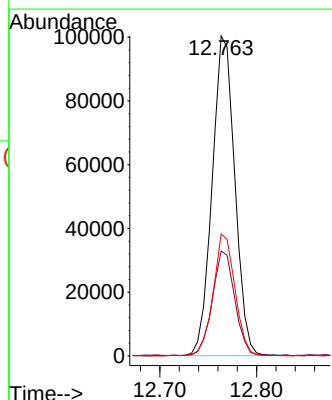
Tgt Ion: 75 Resp: 163236

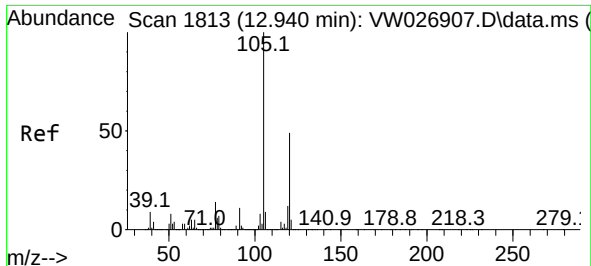
Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

110 36.9 29.9 44.9

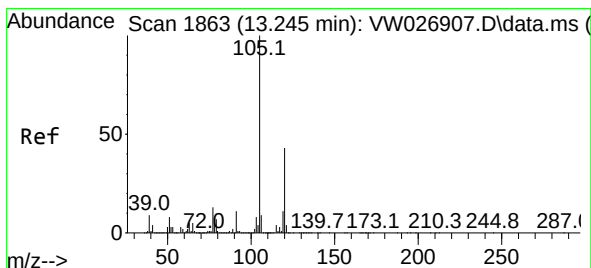
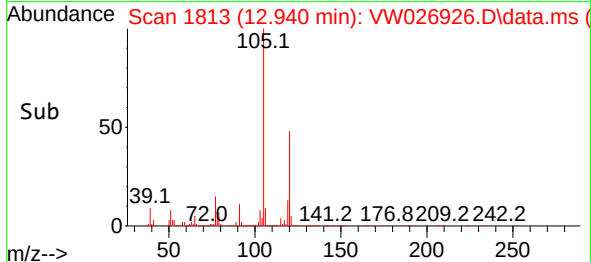
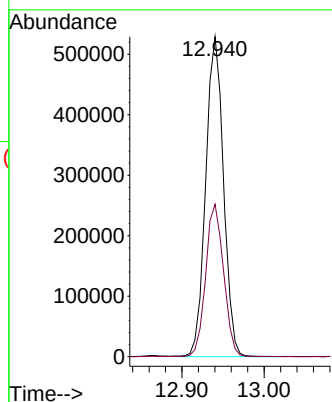
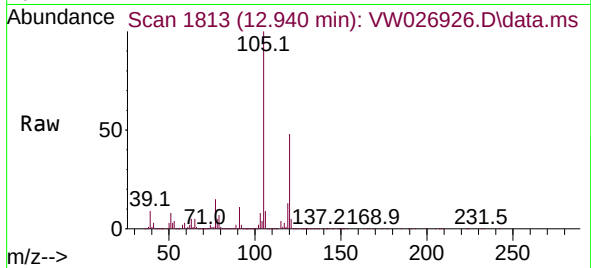




#62
1,3,5-Trimethylbenzene
Concen: 29.519 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

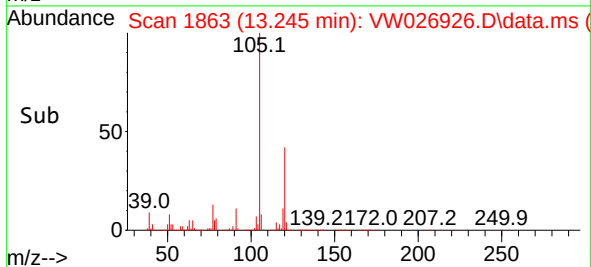
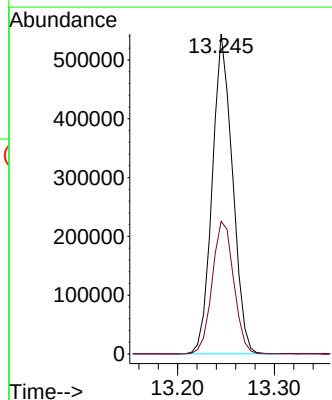
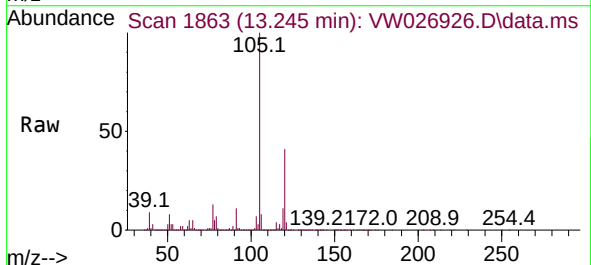
Instrument :
MSVOA_W
ClientSampleId :

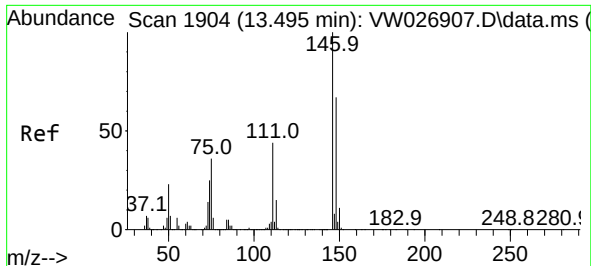
Tgt Ion:105 Resp: 794984
Ion Ratio Lower Upper
105 100
120 47.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 30.023 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion:105 Resp: 792340
Ion Ratio Lower Upper
105 100
120 43.9 36.2 54.4

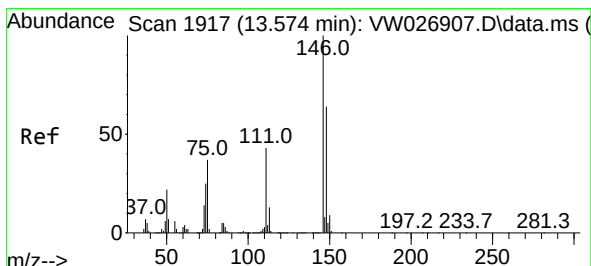
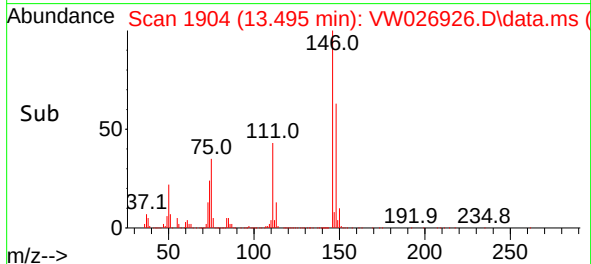
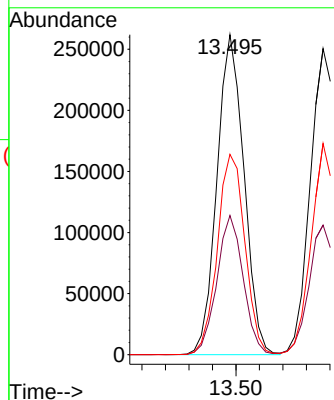
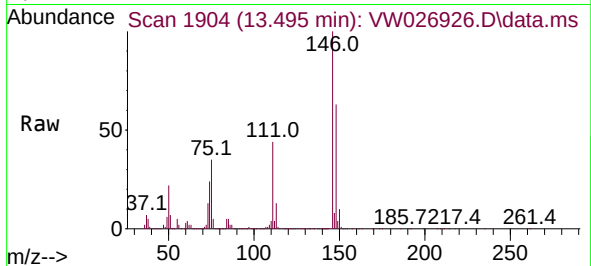




#64
1,3-Dichlorobenzene
Concen: 28.317 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

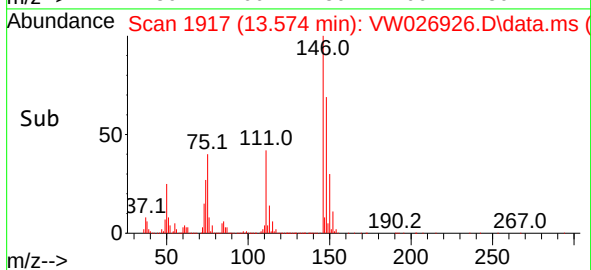
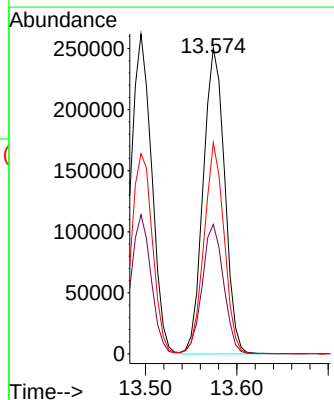
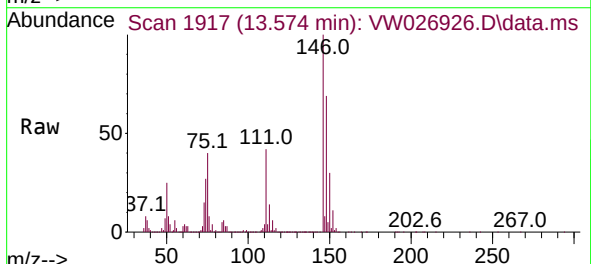
Instrument :
MSVOA_W
ClientSampleId :

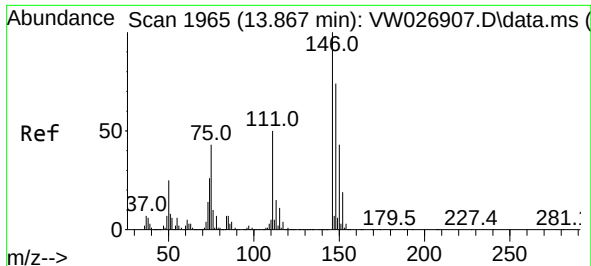
Tgt Ion:146 Resp: 419607
Ion Ratio Lower Upper
146 100
111 43.5 29.1 54.1
148 62.6 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 26.359 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026926.D
Acq: 26 Aug 2023 04:40

Tgt Ion:146 Resp: 407623
Ion Ratio Lower Upper
146 100
111 42.3 28.3 52.7
148 69.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 27.863 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

ClientSampleId :

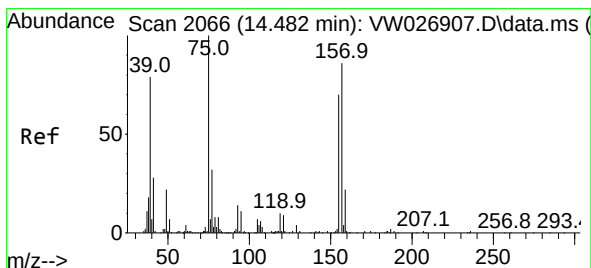
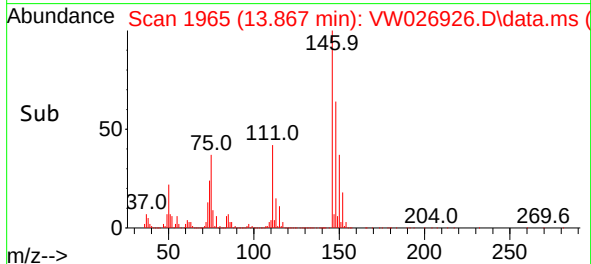
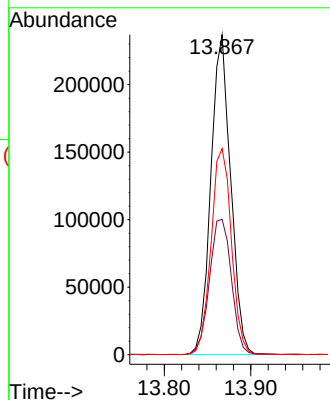
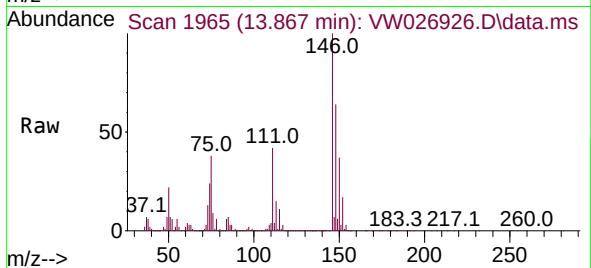
Tgt Ion:146 Resp: 375461

Ion Ratio Lower Upper

146 100

111 42.3 34.6 52.0

148 64.4 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 28.652 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

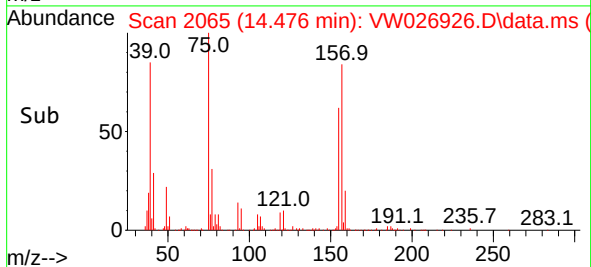
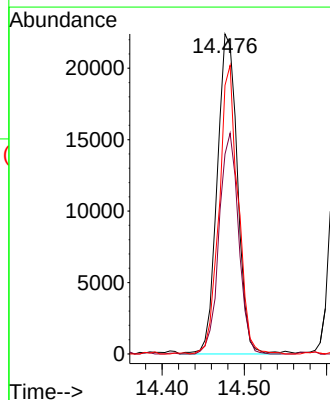
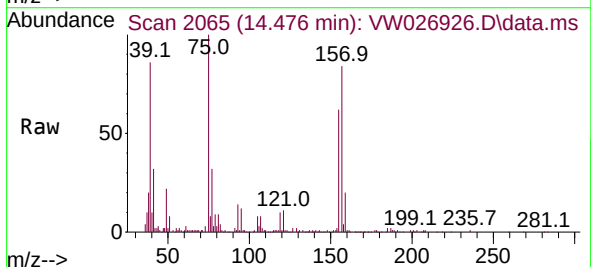
Tgt Ion: 75 Resp: 38399

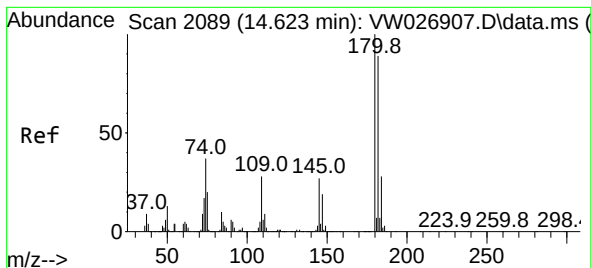
Ion Ratio Lower Upper

75 100

155 62.4 55.0 82.6

157 83.9 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 26.119 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

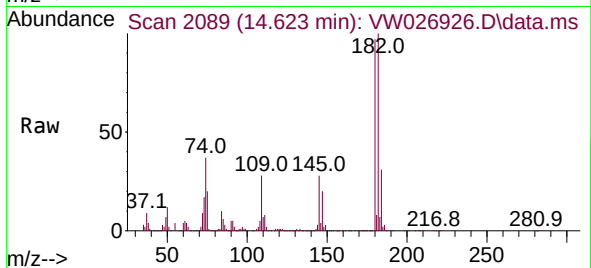
Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 261488

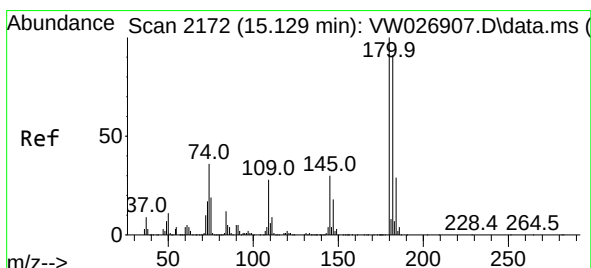
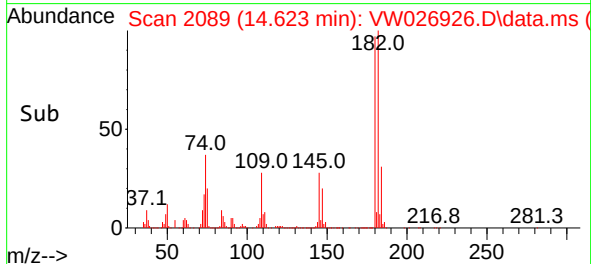
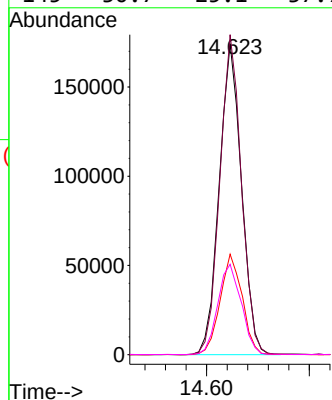
Ion Ratio Lower Upper

180 100

182 99.8 75.2 112.8

184 32.1 23.8 35.8

145 30.7 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 29.305 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

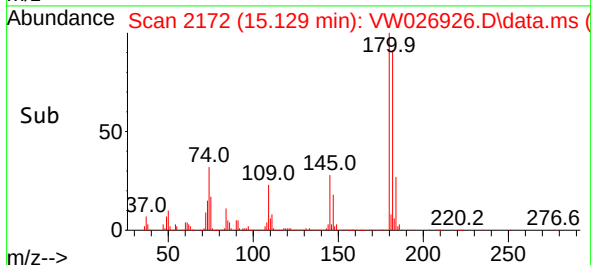
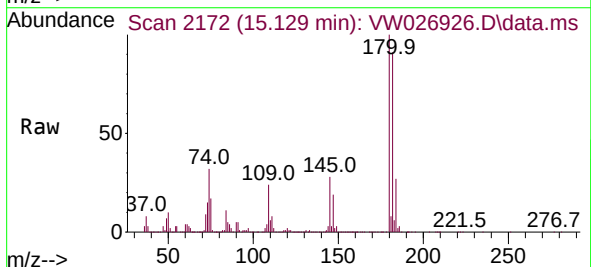
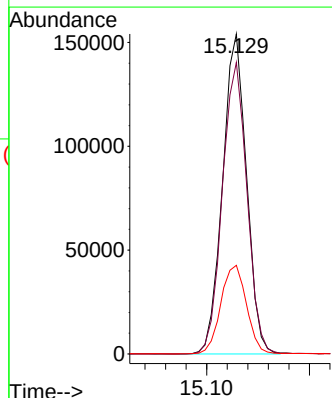
Tgt Ion:180 Resp: 248745

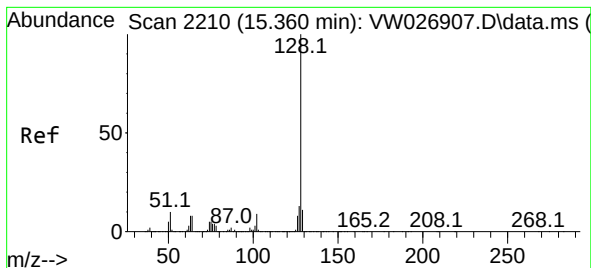
Ion Ratio Lower Upper

180 100

182 93.7 72.5 108.7

145 29.8 24.7 37.1





#71

Naphthalene

Concen: 32.362 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Instrument :

MSVOA_W

ClientSampleId :

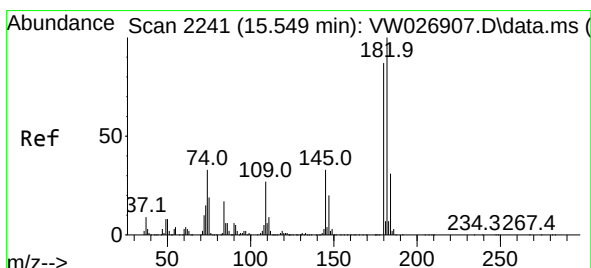
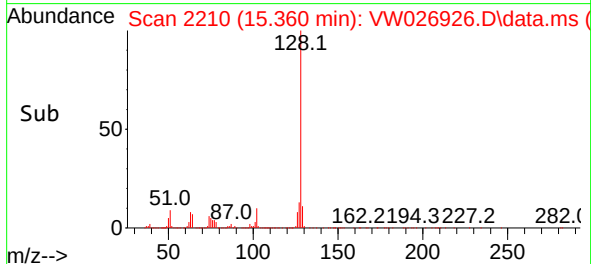
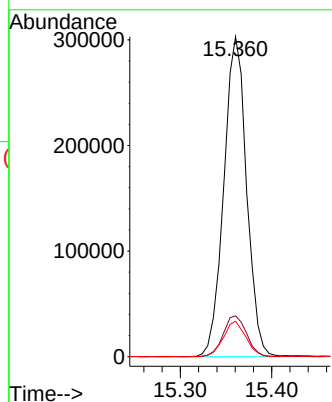
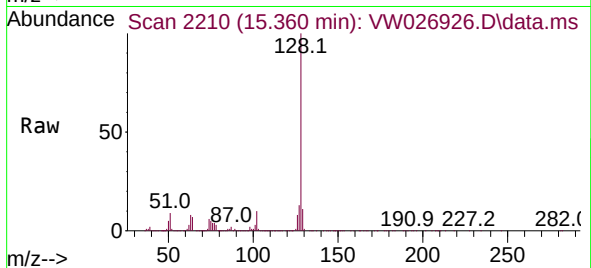
Tgt Ion:128 Resp: 523983

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.790 ug/L

RT: 15.556 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW026926.D

Acq: 26 Aug 2023 04:40

Tgt Ion:180 Resp: 205099

Ion Ratio Lower Upper

180 100

182 101.2 74.6 112.0

145 37.1 27.0 40.6

