

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026693.D
 Acq On : 10 Aug 2023 21:44
 Operator : SY/MD
 Sample : 03970-02MS
 Misc : 4.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48H5MS

Quant Time: Aug 11 02:05:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:00:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	626287	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	298674	26.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.080%
7) Chloroethane-d5	2.893	69	222306	26.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	4.027	65	137843	25.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.480%
21) 2-Butanone-d5	7.081	46	123850	38.624	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.240%
24) Chloroform-d	7.648	84	618139	27.138	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.560%
26) 1,2-Dichloroethane-d4	8.307	65	348266	27.706	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.840%
32) Benzene-d6	8.276	84	1257409	29.131	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.520%
36) 1,2-Dichloropropane-d6	9.276	67	390918	29.075	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.320%
41) Toluene-d8	10.325	98	1084668	29.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.080%
43) trans-1,3-Dichloroprop...	10.575	79	140344	25.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.120%
47) 2-Hexanone-d5	10.922	63	62834	44.476	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	293322	27.625	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	279506	26.501	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	198708	21.535	ug/L	# 80
3) Chloromethane	2.229	50	285228	22.606	ug/L	99
5) Vinyl chloride	2.375	62	274550	22.762	ug/L	98
6) Bromomethane	2.783	94	125901	17.916	ug/L	94
8) Chloroethane	2.930	64	169483	23.451	ug/L	100
9) Trichlorofluoromethane	3.259	101	227844	23.018	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	237834	22.244	ug/L	99
13) Acetone	4.125	43	98653	30.943	ug/L	98
14) Carbon disulfide	4.393	76	746545	20.687	ug/L	100
15) Methyl Acetate	4.667	43	108629	17.009	ug/L	100
16) Methylene chloride	4.923	84	256454	19.535	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	252504	22.558	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	417163	24.630	ug/L	99
19) 1,1-Dichloroethane	6.216	63	536650	23.294	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	275233	22.876	ug/L	96
22) 2-Butanone	7.173	43	187255	39.854	ug/L	97
23) Bromochloromethane	7.514	128	123591	23.780	ug/L	98
25) Chloroform	7.673	83	507452	22.800	ug/L	98
27) 1,2-Dichloroethane	8.398	62	360019	23.187	ug/L	99

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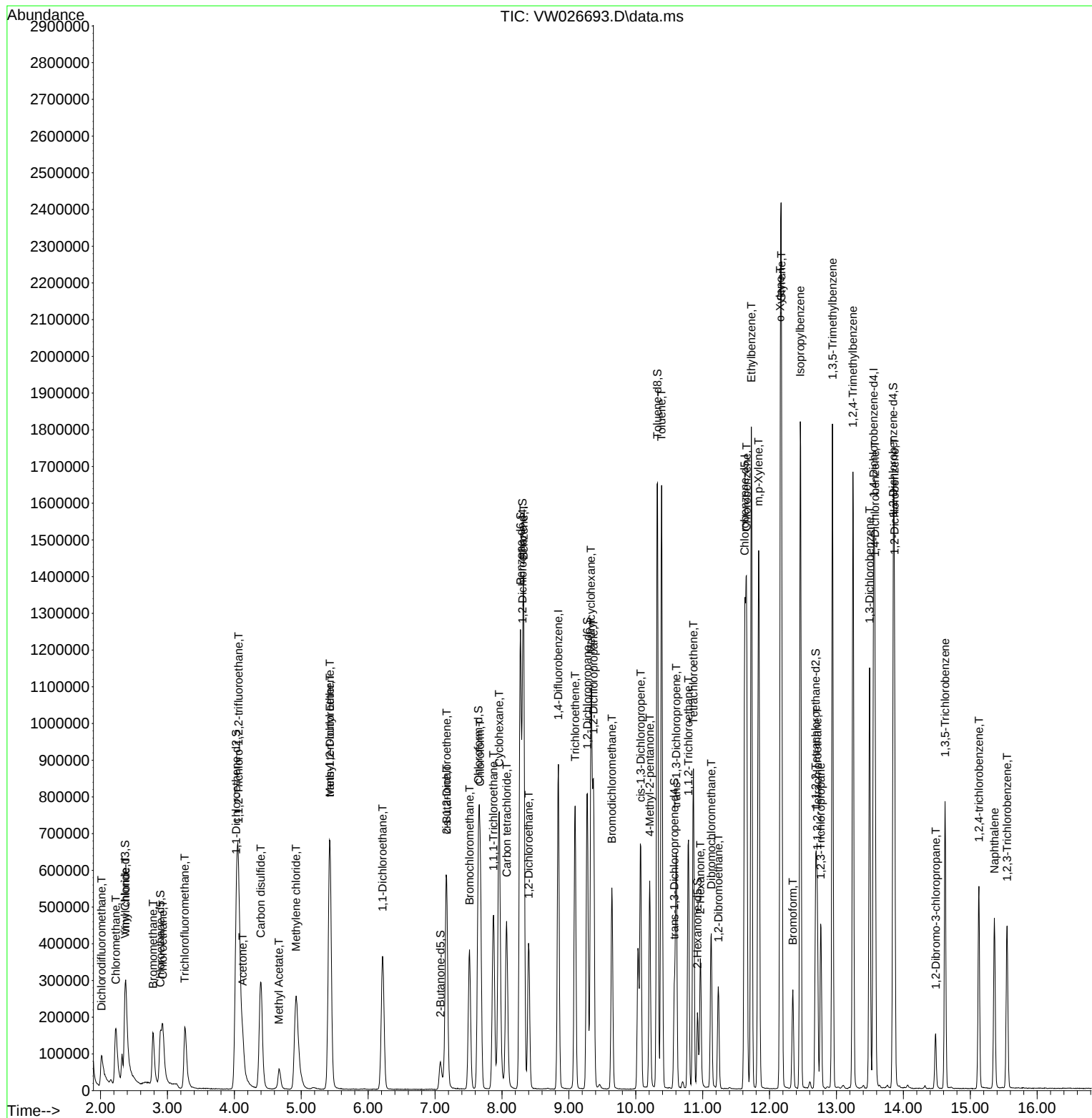
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	456569	23.573	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	390643	23.900	ug/L	100
31) Carbon tetrachloride	8.069	117	352530	23.589	ug/L	97
33) Benzene	8.325	78	1135307	24.893	ug/L	100
34) Trichloroethene	9.093	95	273493	23.545	ug/L	95
35) Methylcyclohexane	9.331	83	418428	21.057	ug/L	99
37) 1,2-Dichloropropane	9.368	63	310294	24.839	ug/L	99
38) Bromodichloromethane	9.642	83	359261	24.515	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	395508	22.008	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	382381	47.057	ug/L	99
42) Toluene	10.386	91	1132760	24.552	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	342098	22.116	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	208127	24.360	ug/L	98
46) Tetrachloroethene	10.861	164	185947	22.035	ug/L	94
48) 2-Hexanone	10.965	43	238413	43.118	ug/L	99
49) Dibromochloromethane	11.130	129	218945	24.502	ug/L	93
50) 1,2-Dibromoethane	11.233	107	189780	23.674	ug/L	93
51) Chlorobenzene	11.654	112	658235	22.586	ug/L	96
52) Ethylbenzene	11.727	91	1222587	23.630	ug/L	98
53) m,p-Xylene	11.837	106	453831	23.678	ug/L	86
54) o-Xylene	12.160	106	431752	24.136	ug/L	97
55) Styrene	12.178	104	669155	21.514	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	250093	23.113	ug/L	98
59) Bromoform	12.349	173	119166	25.816	ug/L	98
60) Isopropylbenzene	12.459	105	1122888	25.631	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	190758	26.688	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	876364	25.308	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	853070	25.140	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	428300	22.479	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	430228	21.637	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	390268	22.525	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	41369	24.007	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	215148	16.714	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	157821	14.461	ug/L	94
71) Naphthalene	15.360	128	370887	17.815	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	139919	14.214	ug/L	100

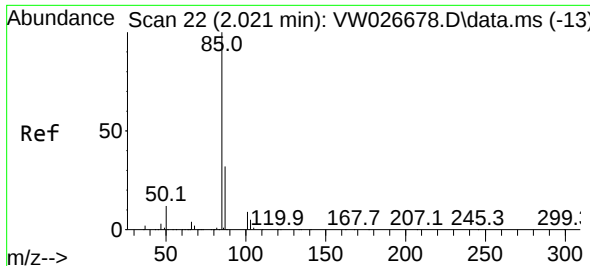
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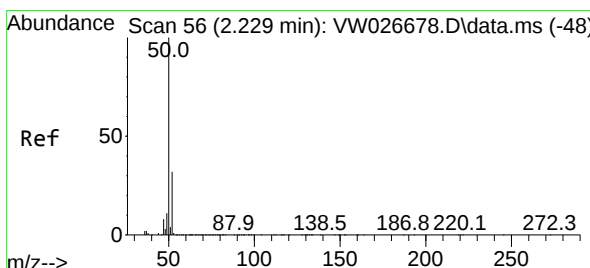
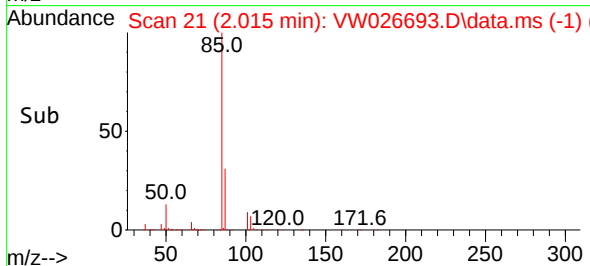
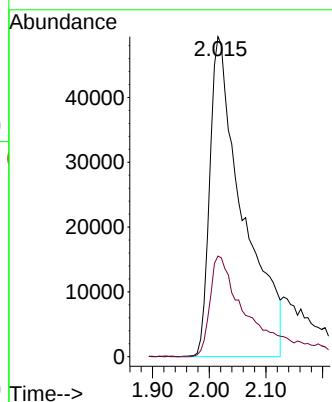
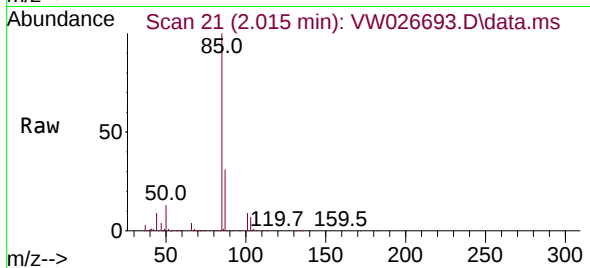




#2
Dichlorodifluoromethane
Concen: 21.535 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

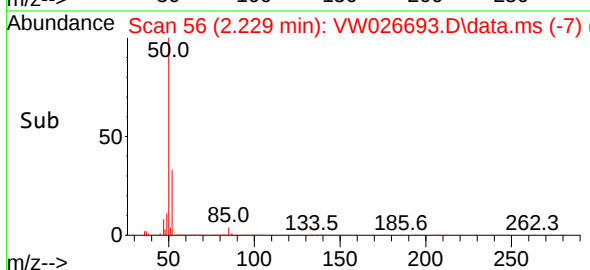
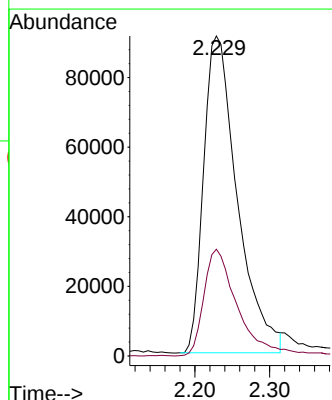
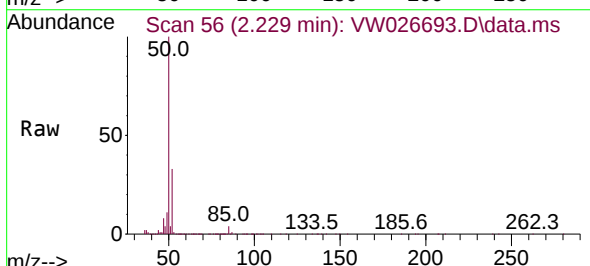
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MSVOA_W
ClientSampleId :
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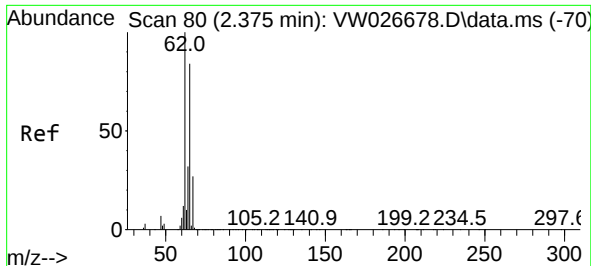
Tgt Ion: 85 Resp: 198708
Ion Ratio Lower Upper
85 100
87 34.3 19.5 29.3#



#3
Chloromethane
Concen: 22.606 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 50 Resp: 285228
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8

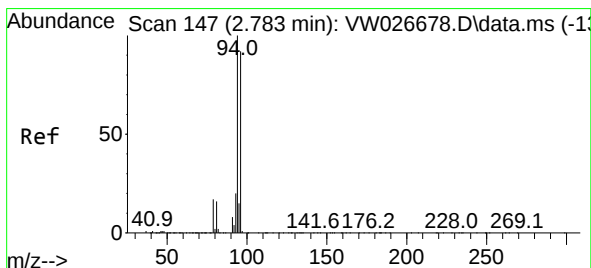
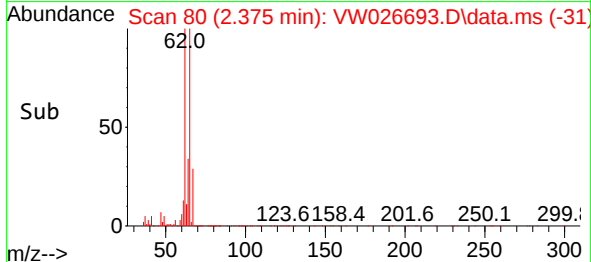
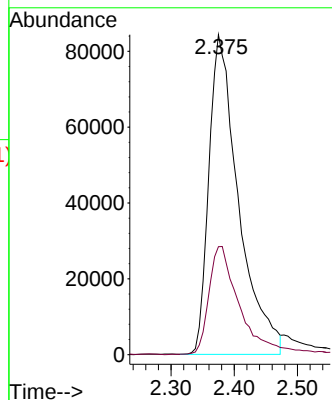
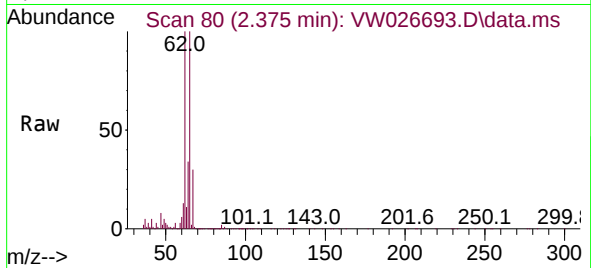




#5
 Vinyl chloride
 Concen: 22.762 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026693.D
 Acq: 10 Aug 2023 21:44

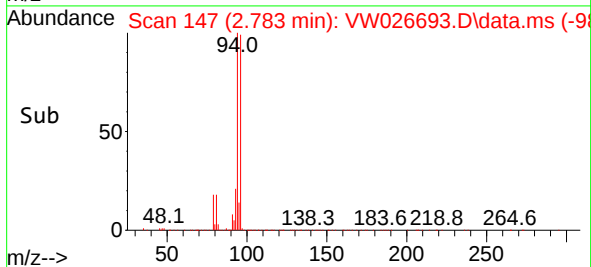
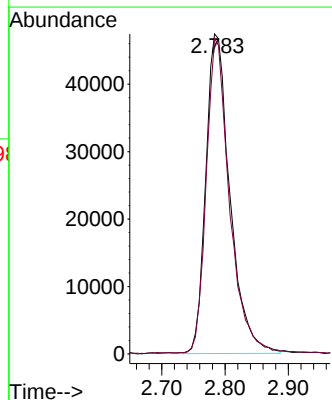
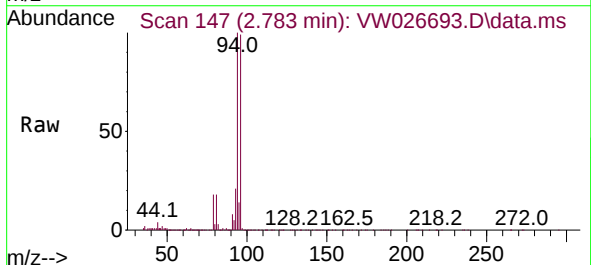
Instrument :
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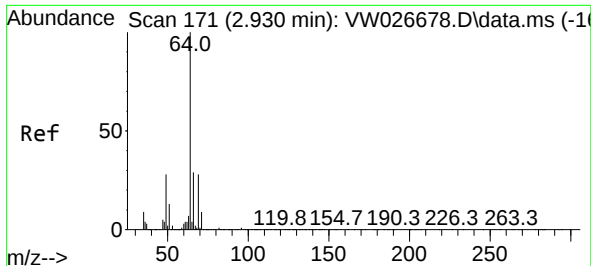
Tgt Ion: 62 Resp: 274550
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.3



#6
 Bromomethane
 Concen: 17.916 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026693.D
 Acq: 10 Aug 2023 21:44

Tgt Ion: 94 Resp: 125901
 Ion Ratio Lower Upper
 94 100
 96 98.5 64.8 120.3

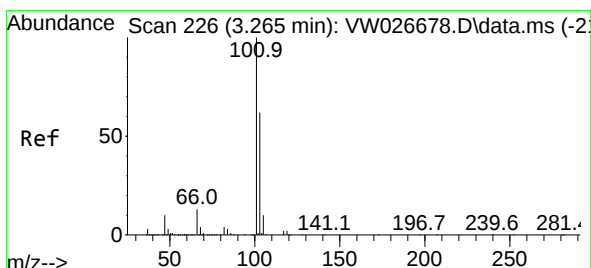
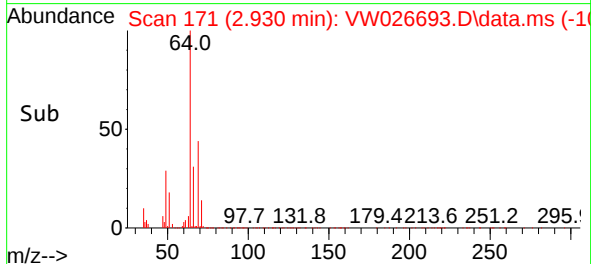
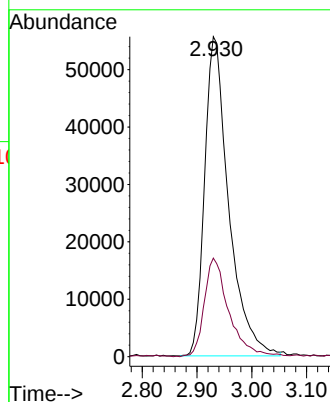
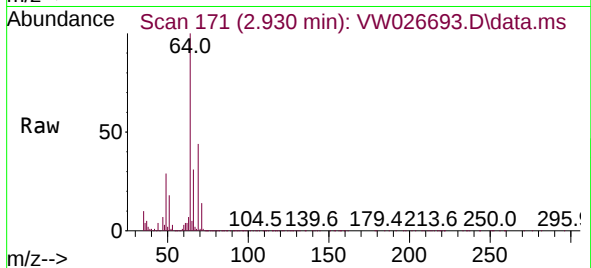




#8
Chloroethane
Concen: 23.451 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

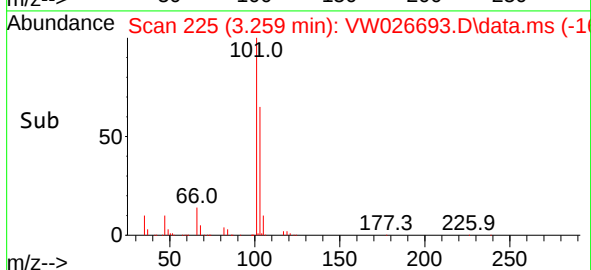
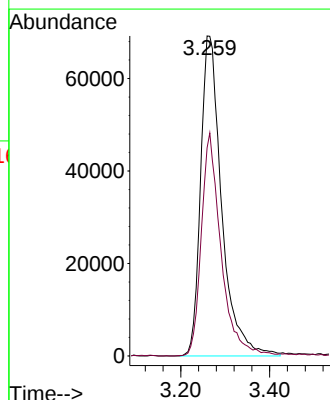
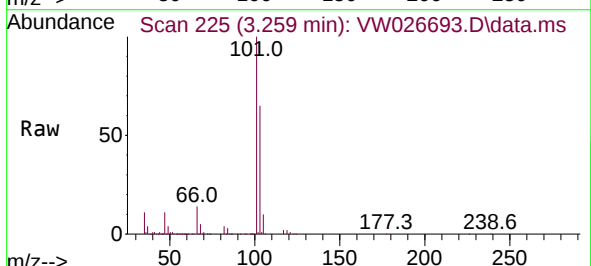
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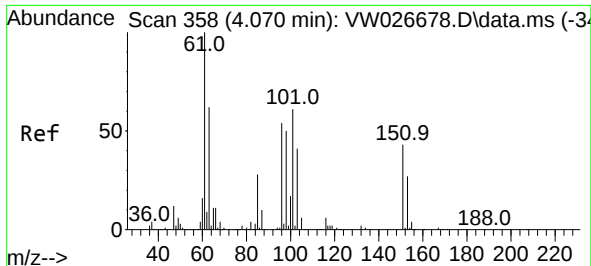
Tgt Ion: 64 Resp: 169483
Ion Ratio Lower Upper
64 100
66 30.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.018 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 101 Resp: 227844
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

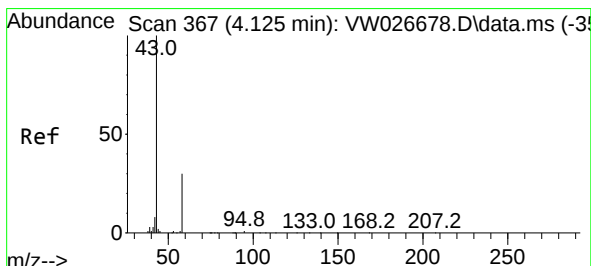
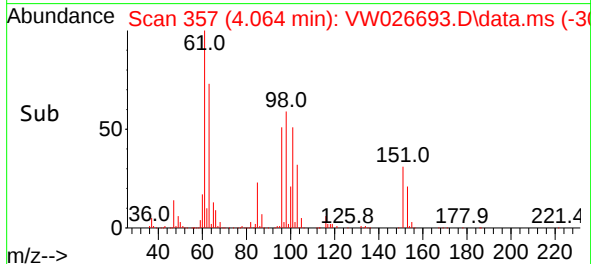
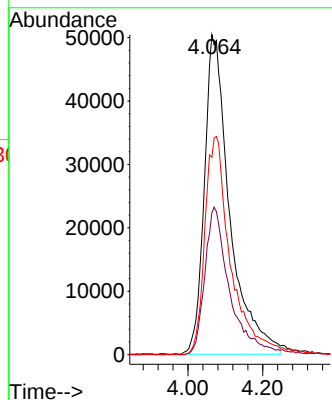
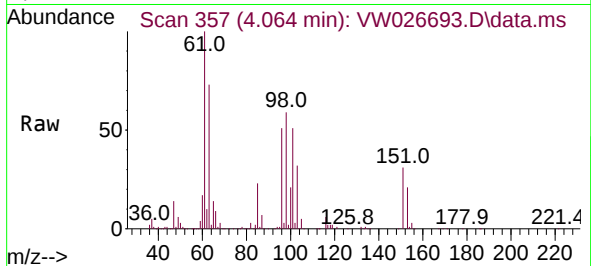




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.244 ug/L
RT: 4.064 min Scan# 357
Delta R.T. -0.006 min
Lab File: VW026693.D
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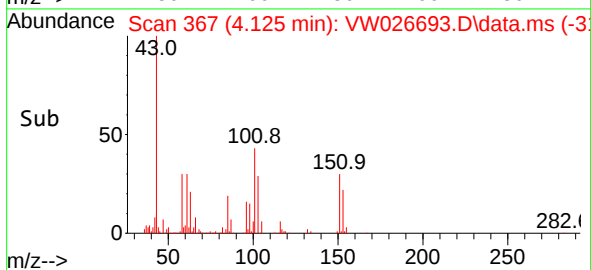
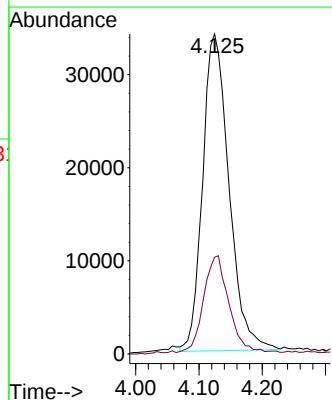
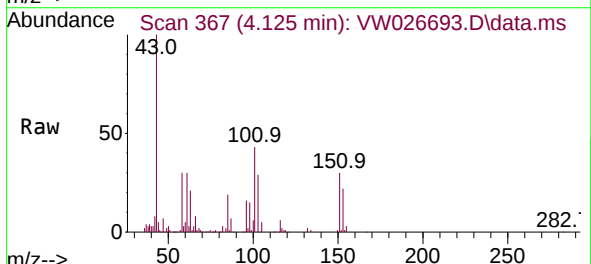
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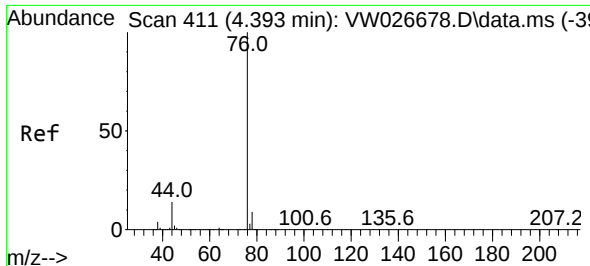
Tgt Ion:101 Resp: 237834
Ion Ratio Lower Upper
101 100
85 42.0 32.8 49.2
151 69.1 54.4 81.6



#13
Acetone
Concen: 30.943 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
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Acq: 10 Aug 2023 21:44

Tgt Ion: 43 Resp: 98653
Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.4

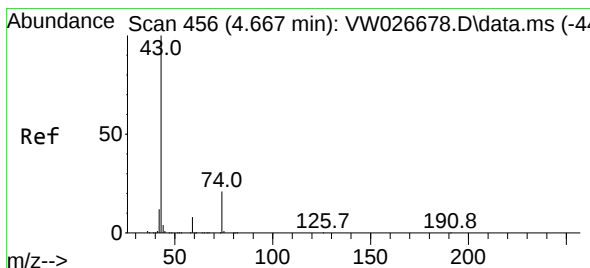
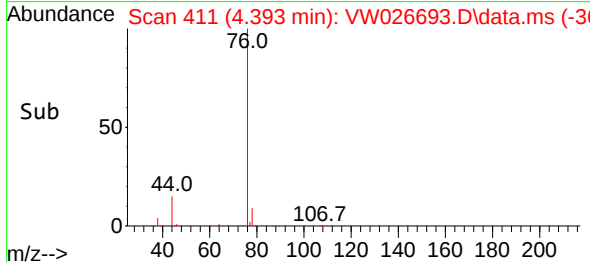
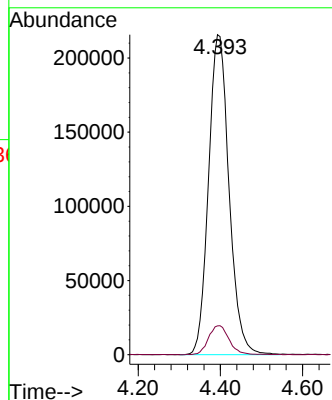
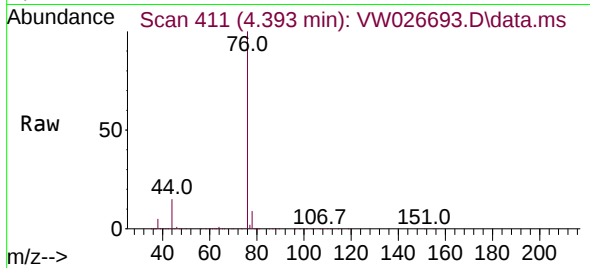




#14
Carbon disulfide
Concen: 20.687 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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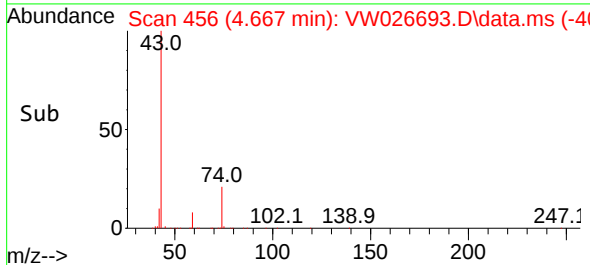
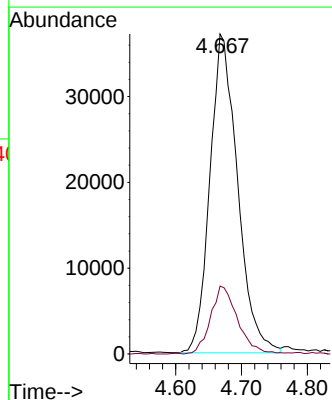
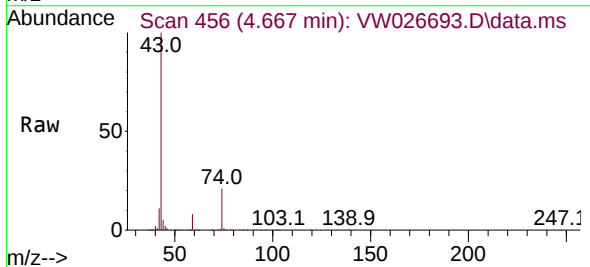
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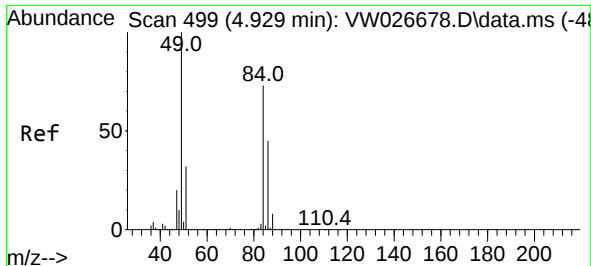
Tgt Ion: 76 Resp: 746545
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#15
Methyl Acetate
Concen: 17.009 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
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Acq: 10 Aug 2023 21:44

Tgt Ion: 43 Resp: 108629
Ion Ratio Lower Upper
43 100
74 20.6 16.4 24.6

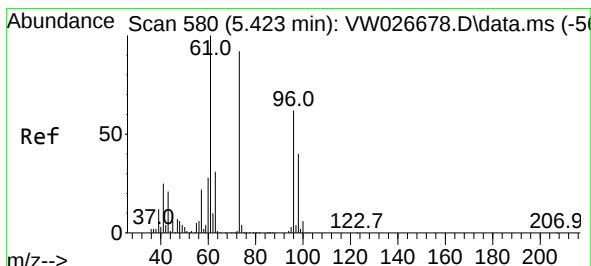
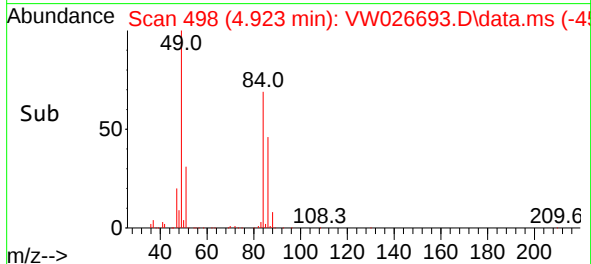
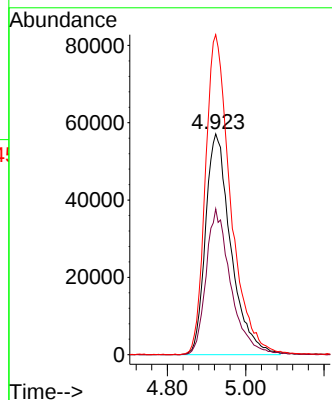
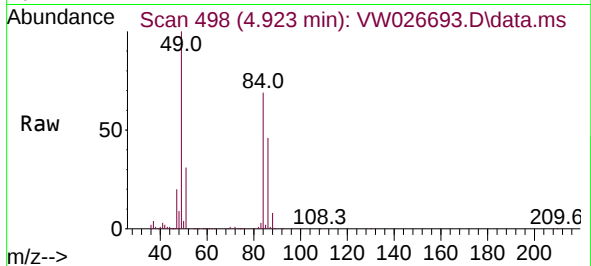




#16
Methylene chloride
Concen: 19.535 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

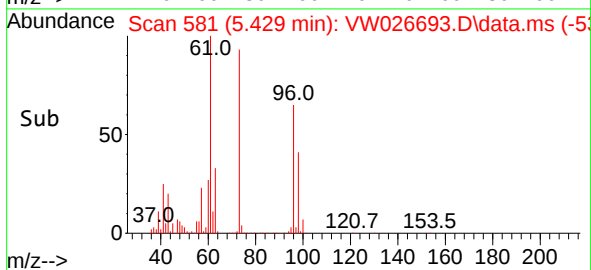
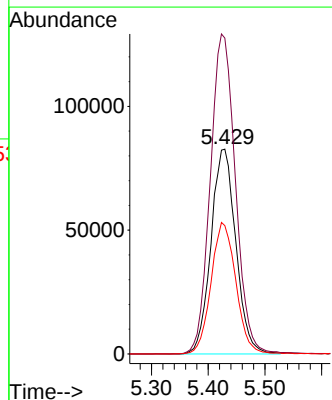
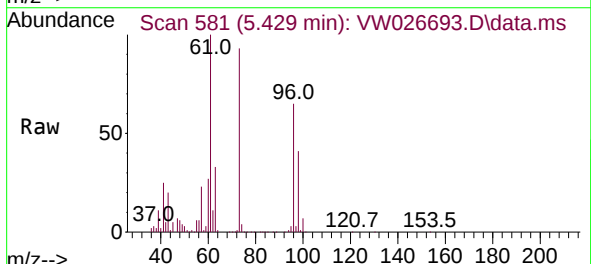
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

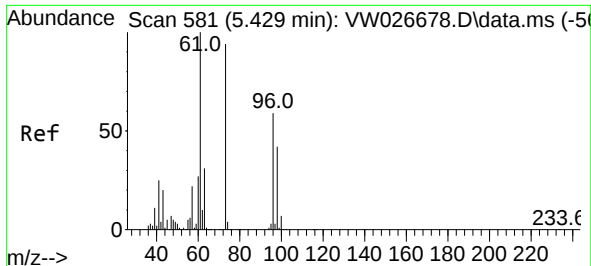
Tgt Ion: 84 Resp: 256454
Ion Ratio Lower Upper
84 100
86 66.0 43.5 80.9
49 144.9 96.0 178.2



#17
trans-1,2-Dichloroethene
Concen: 22.558 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 96 Resp: 252504
Ion Ratio Lower Upper
96 100
61 154.2 109.4 203.2
98 62.6 43.6 81.0

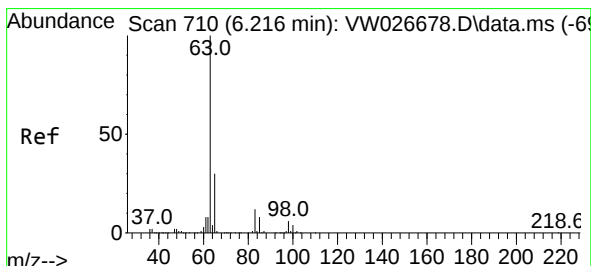
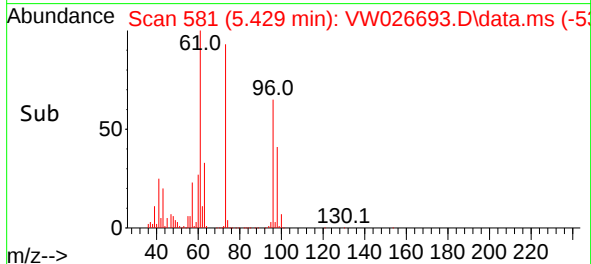
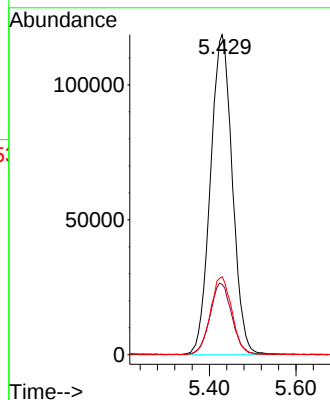
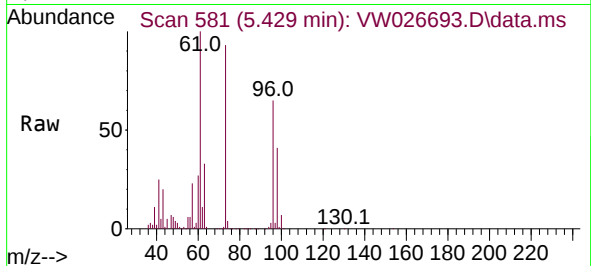




#18
Methyl tert-butyl Ether
Concen: 24.630 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

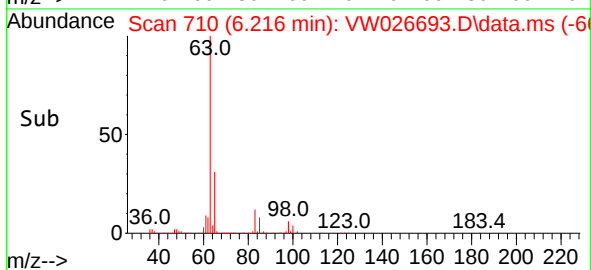
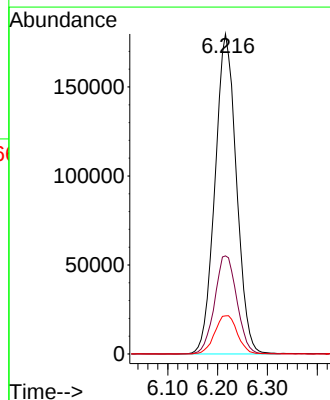
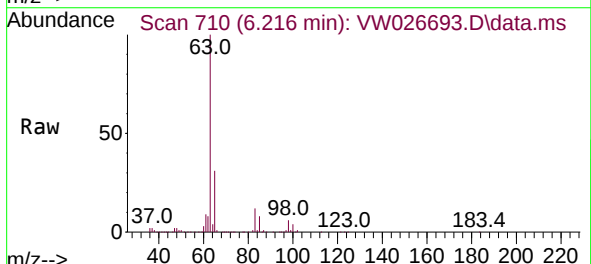
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

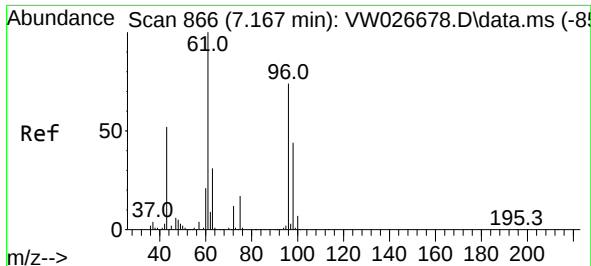
Tgt Ion: 73 Resp: 417163
Ion Ratio Lower Upper
73 100
43 22.1 18.0 27.0
57 23.9 19.3 28.9



#19
1,1-Dichloroethane
Concen: 23.294 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 63 Resp: 536650
Ion Ratio Lower Upper
63 100
65 30.7 21.8 40.6
83 11.9 9.0 16.6



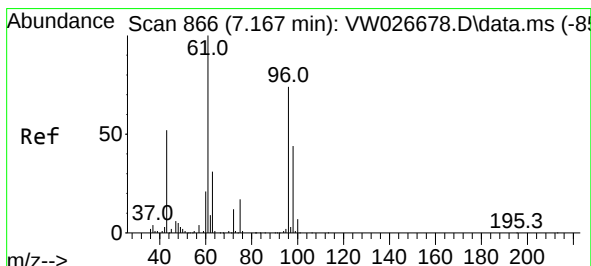
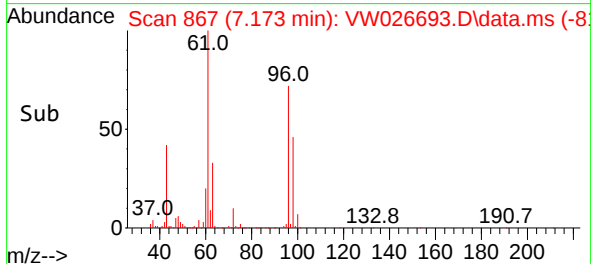
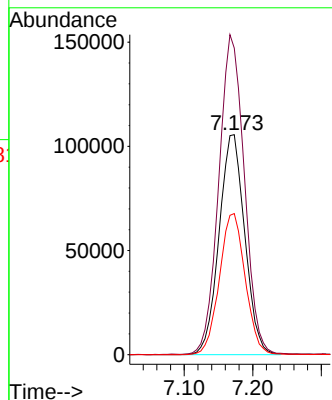
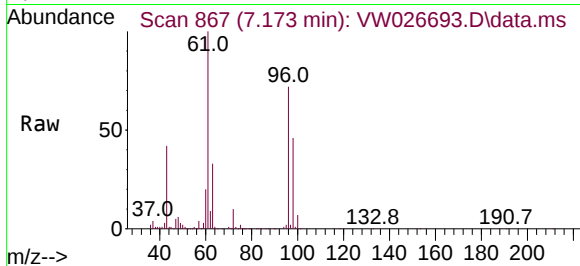


#20
 cis-1,2-Dichloroethene
 Concen: 22.876 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026693.D
 Acq: 10 Aug 2023 21:44

Instrument :
 MSVOA_W
 ClientSampleId :
 A48H5MS

Tgt Ion: 96 Resp: 275233

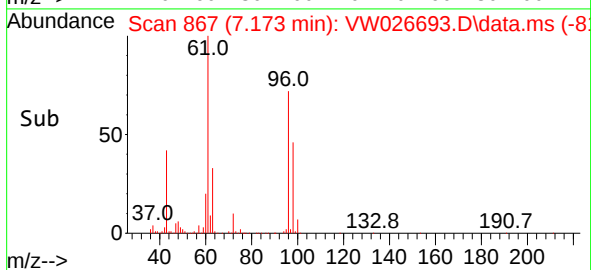
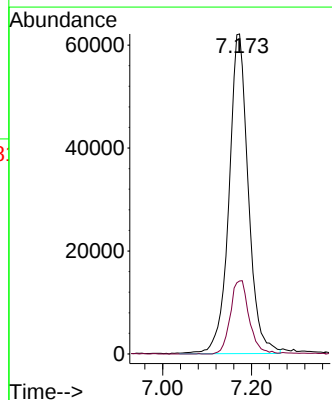
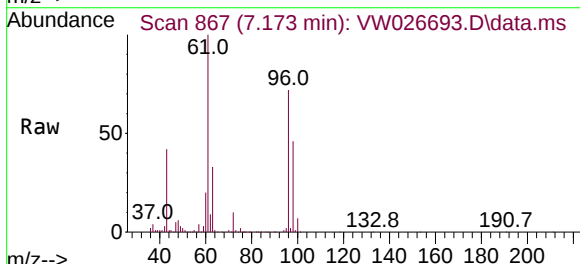
Ion	Ratio	Lower	Upper
96	100		
61	139.3	101.2	188.0
98	64.1	43.8	81.3

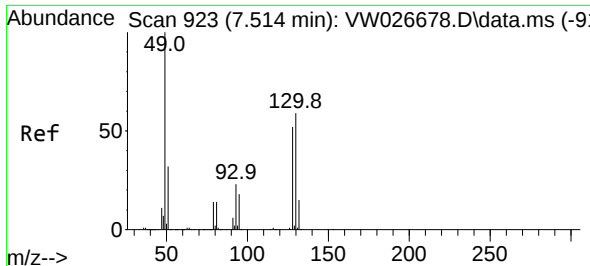


#22
 2-Butanone
 Concen: 39.854 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026693.D
 Acq: 10 Aug 2023 21:44

Tgt Ion: 43 Resp: 187255

Ion	Ratio	Lower	Upper
43	100		
72	22.3	11.8	35.4

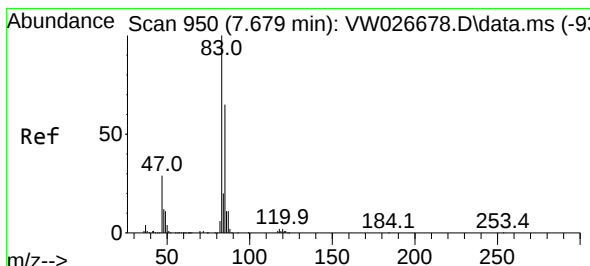
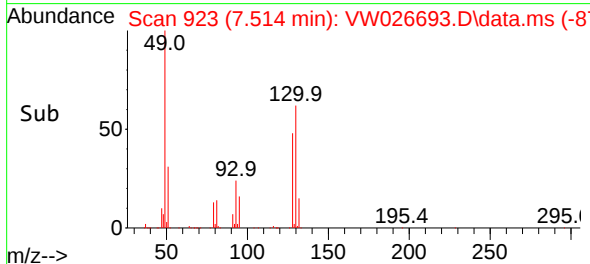
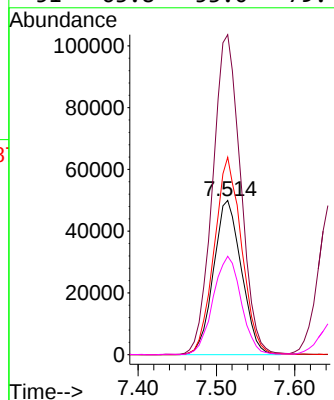
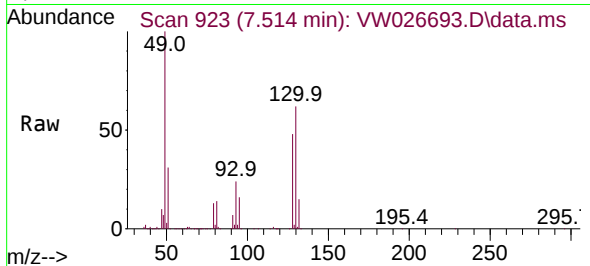




#23
Bromochloromethane
Concen: 23.780 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

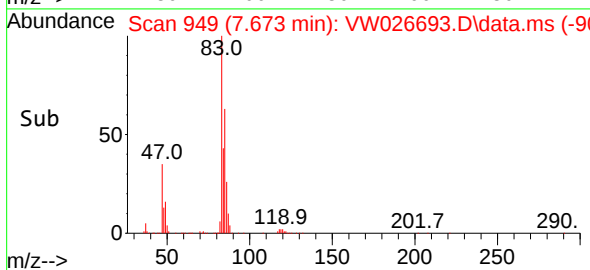
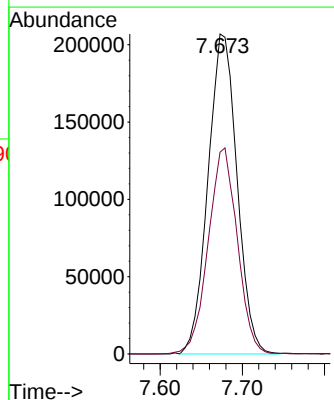
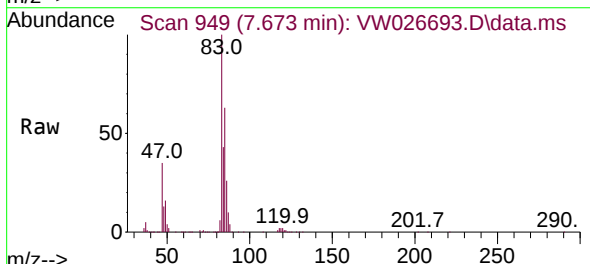
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

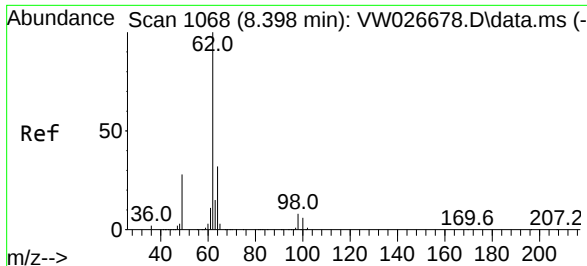
Tgt Ion:128 Resp: 123591
Ion Ratio Lower Upper
128 100
49 207.5 143.1 265.7
130 128.1 91.8 170.4
51 63.8 53.0 79.4



#25
Chloroform
Concen: 22.800 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 83 Resp: 507452
Ion Ratio Lower Upper
83 100
85 63.1 45.4 84.2





#27

1,2-Dichloroethane

Concen: 23.187 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Instrument :

MSVOA_W

ClientSampleId :

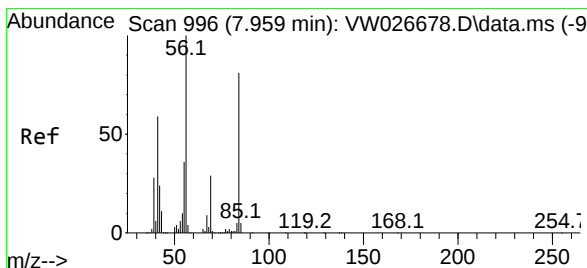
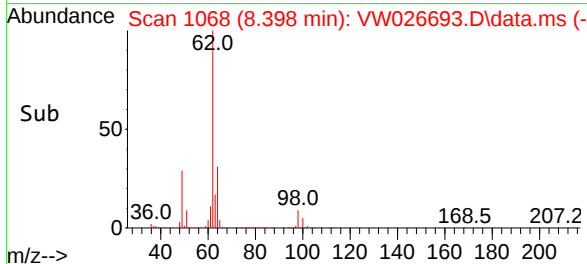
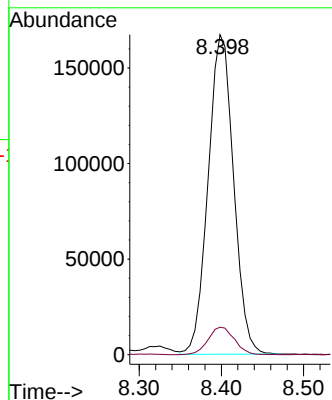
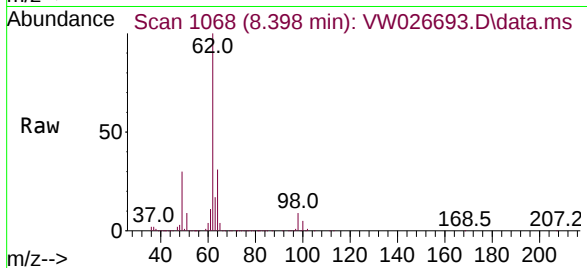
A48H5MS

Tgt Ion: 62 Resp: 360019

Ion Ratio Lower Upper

62 100

98 8.6 7.1 10.7



#29

Cyclohexane

Concen: 23.573 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

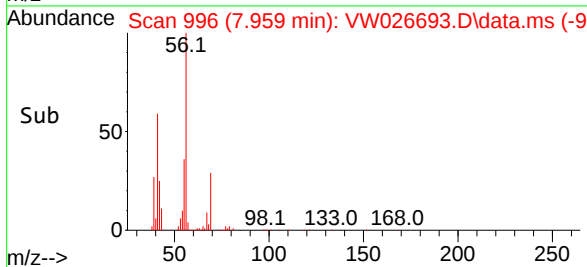
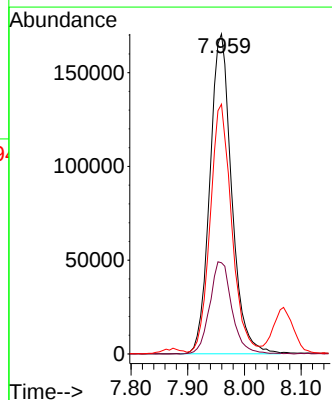
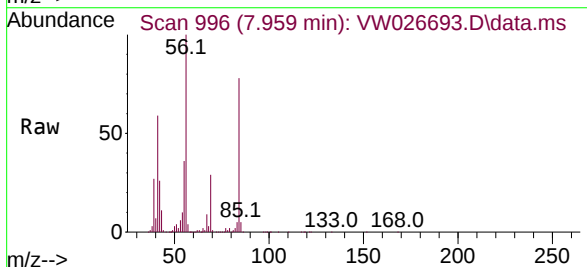
Tgt Ion: 56 Resp: 456569

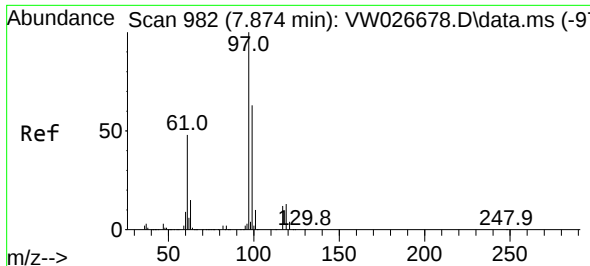
Ion Ratio Lower Upper

56 100

69 29.3 23.2 34.8

84 77.1 62.7 94.1





#30

1,1,1-Trichloroethane

Concen: 23.900 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Instrument :

MSVOA_W

ClientSampleId :

A48H5MS

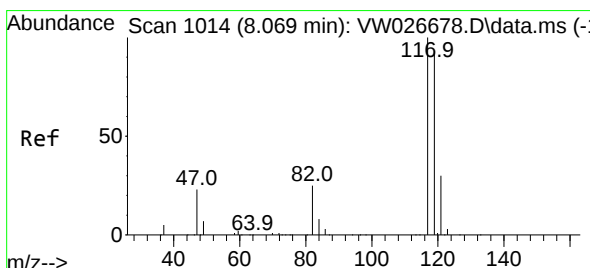
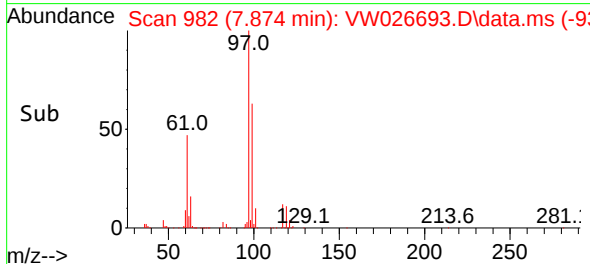
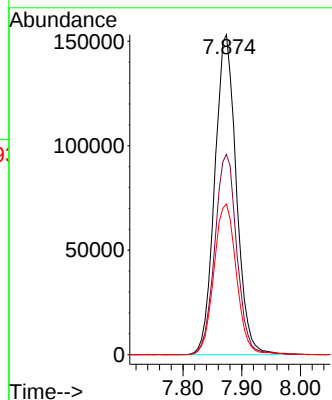
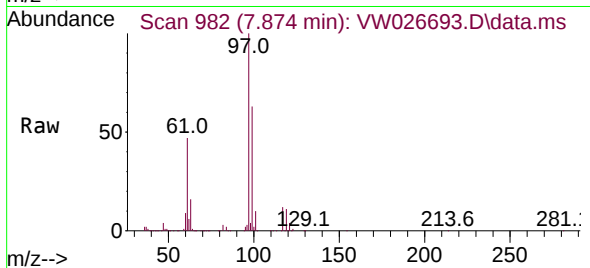
Tgt Ion: 97 Resp: 390643

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 48.8 39.2 58.8



#31

Carbon tetrachloride

Concen: 23.589 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026693.D

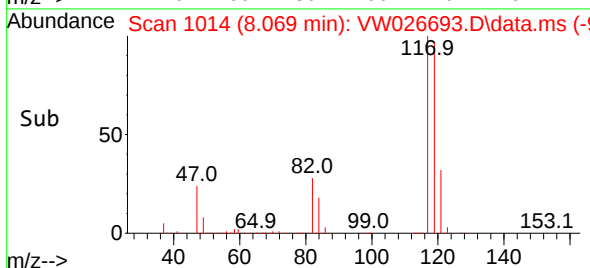
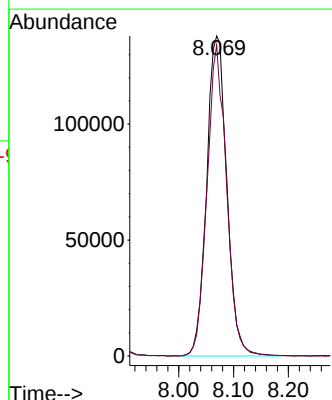
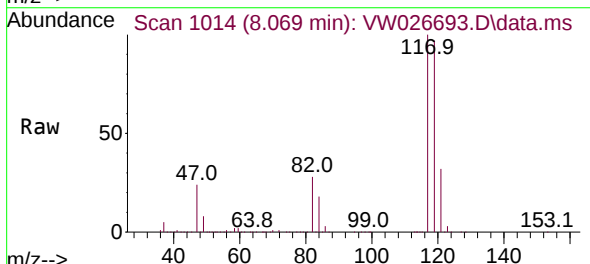
Acq: 10 Aug 2023 21:44

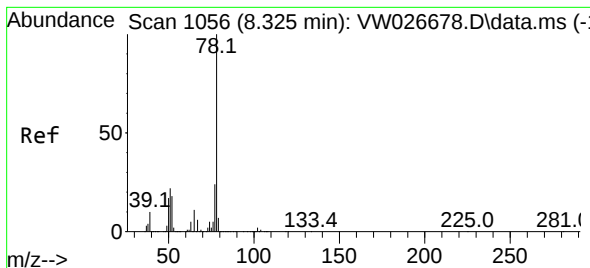
Tgt Ion: 117 Resp: 352530

Ion Ratio Lower Upper

117 100

119 93.7 73.0 109.4





#33

Benzene

Concen: 24.893 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

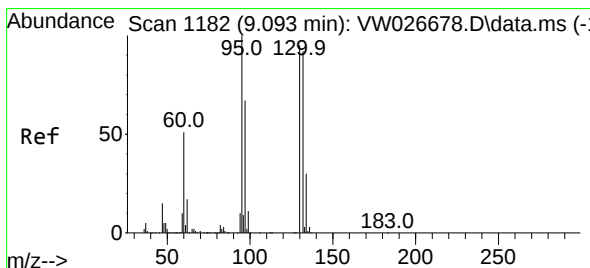
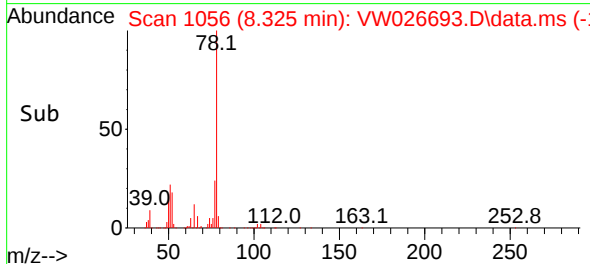
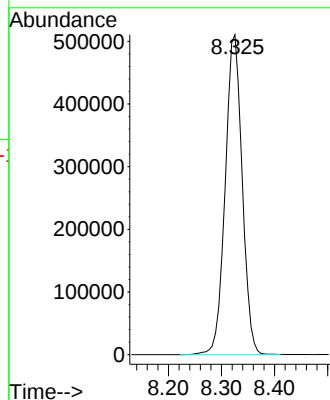
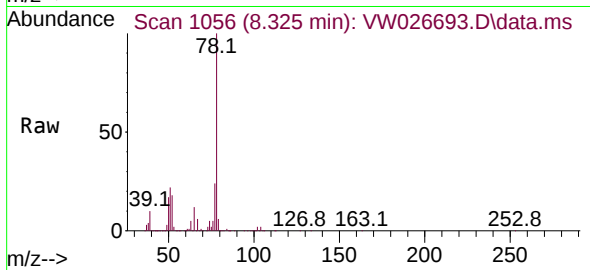
Instrument :

MSVOA_W

ClientSampleId :

A48H5MS

Tgt Ion: 78 Resp: 1135307



#34

Trichloroethene

Concen: 23.545 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Tgt Ion: 95 Resp: 273493

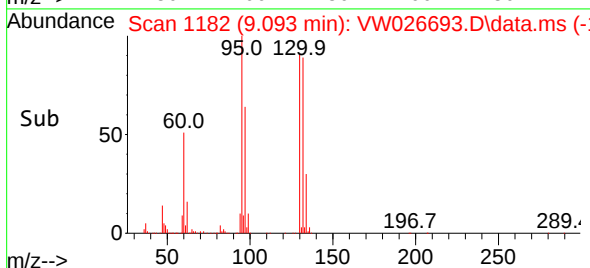
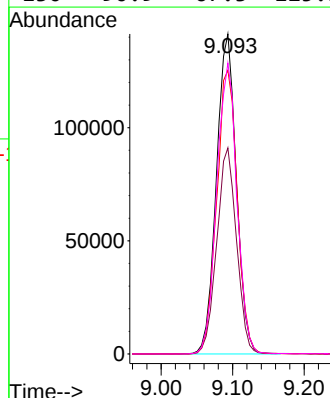
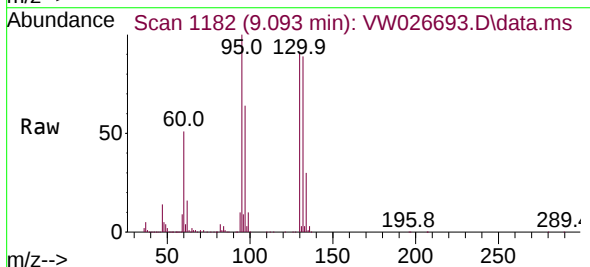
Ion Ratio Lower Upper

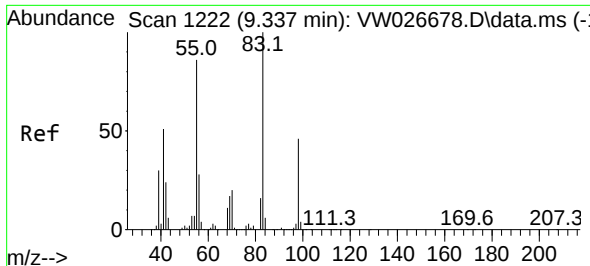
95 100

97 64.4 44.6 82.8

132 88.6 66.4 123.2

130 90.9 67.3 125.1

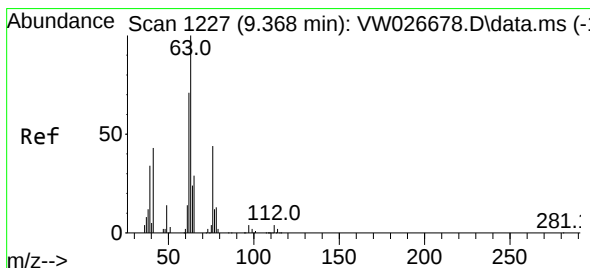
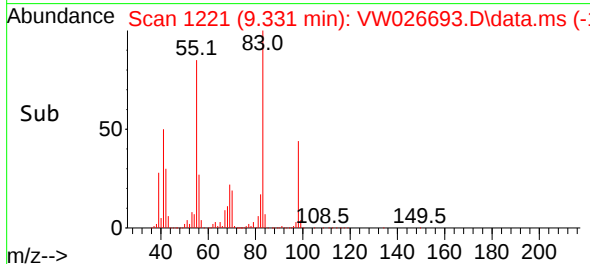
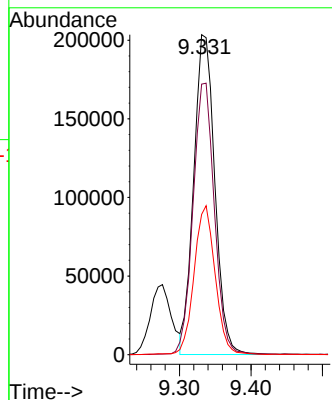
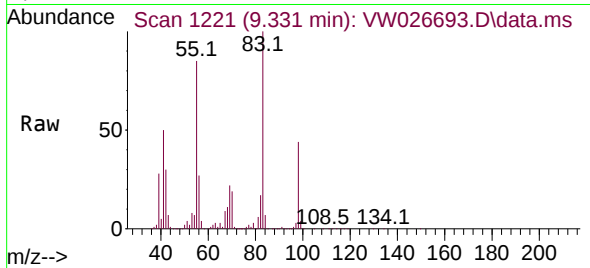




#35
Methylcyclohexane
Concen: 21.057 ug/L
RT: 9.331 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

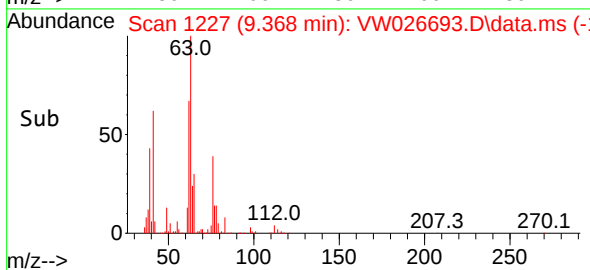
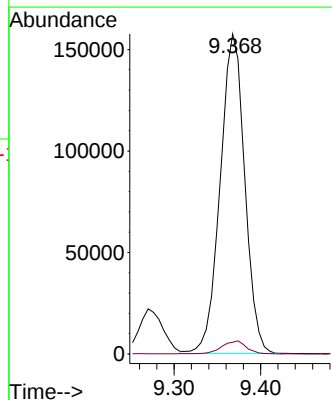
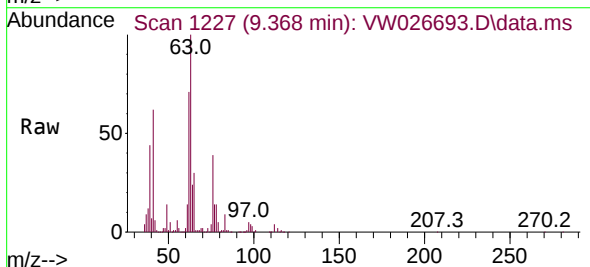
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

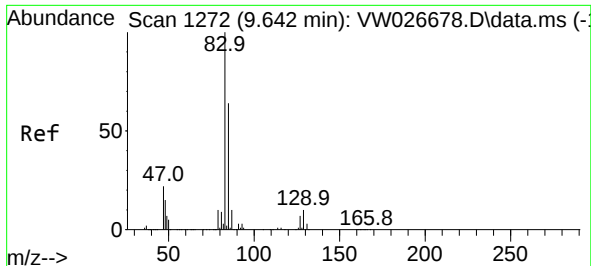
Tgt Ion: 83 Resp: 418428
Ion Ratio Lower Upper
83 100
55 85.1 69.3 103.9
98 46.4 37.4 56.0



#37
1,2-Dichloropropane
Concen: 24.839 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 63 Resp: 310294
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7

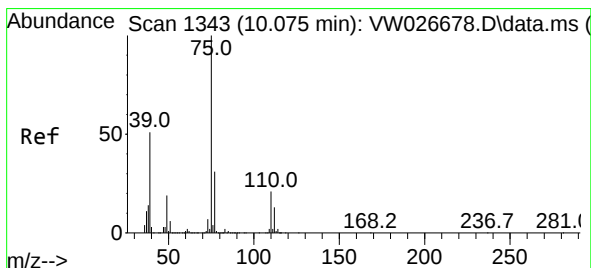
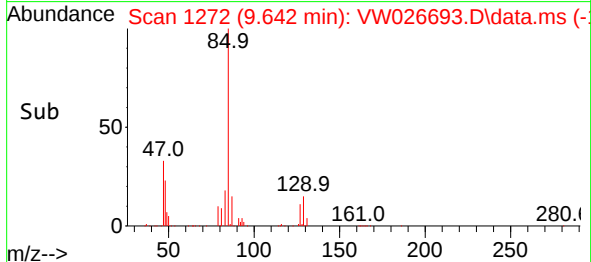
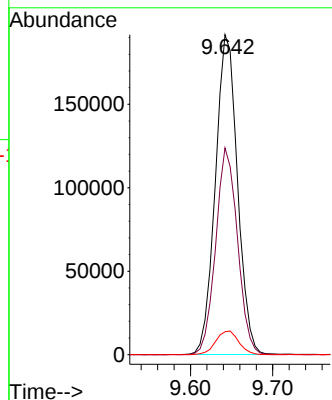
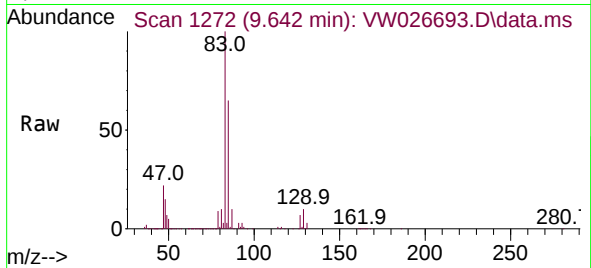




#38
Bromodichloromethane
Concen: 24.515 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

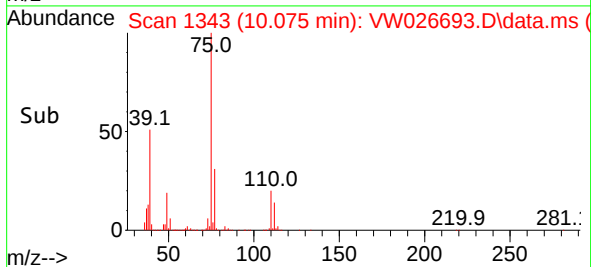
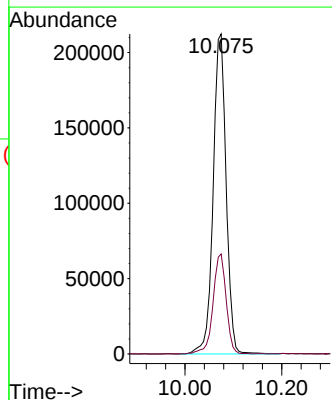
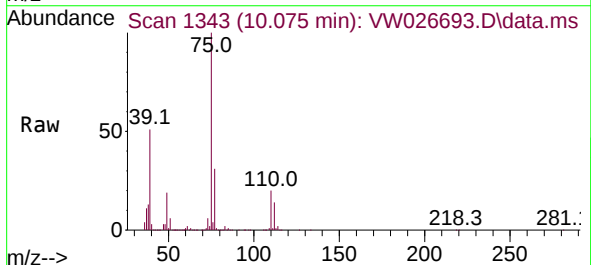
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

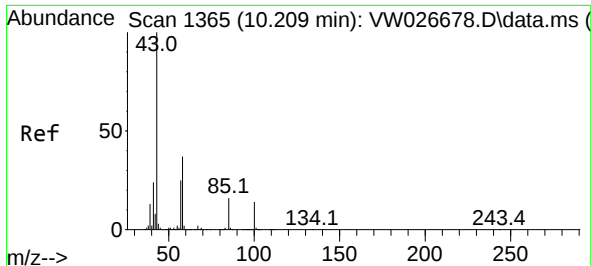
Tgt Ion: 83 Resp: 359261
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.2
127 7.1 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 22.008 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 75 Resp: 395508
Ion Ratio Lower Upper
75 100
77 31.2 22.8 42.4





#40

4-Methyl-2-pentanone

Concen: 47.057 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Instrument :

MSVOA_W

ClientSampleId :

A48H5MS

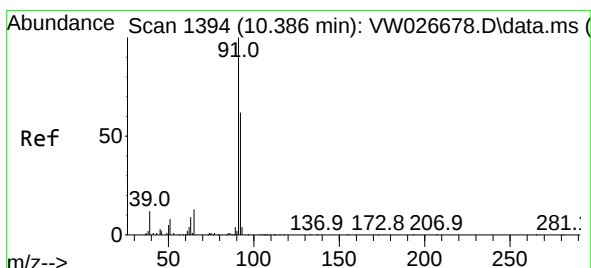
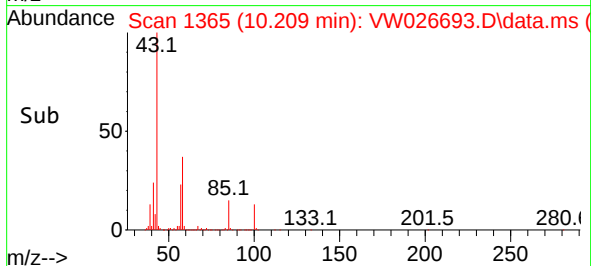
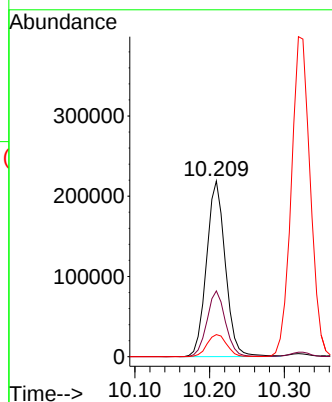
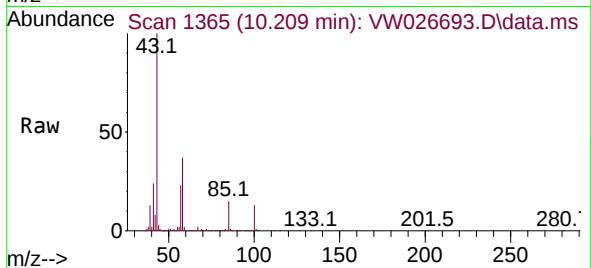
Tgt Ion: 43 Resp: 382381

Ion Ratio Lower Upper

43 100

58 37.0 29.2 43.8

100 13.2 10.7 16.1



#42

Toluene

Concen: 24.552 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW026693.D

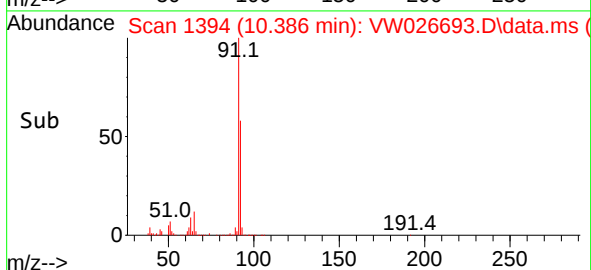
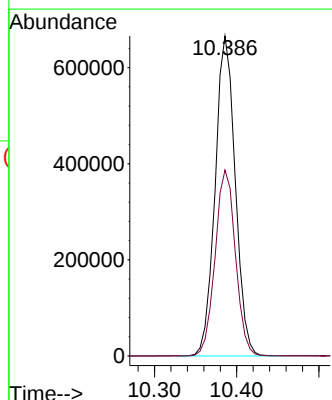
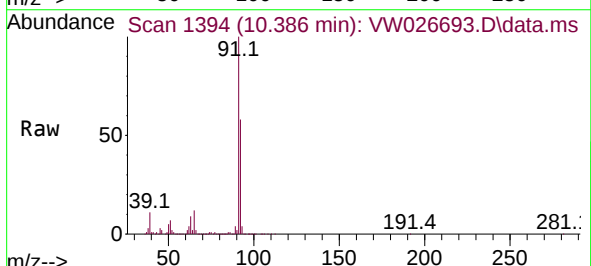
Acq: 10 Aug 2023 21:44

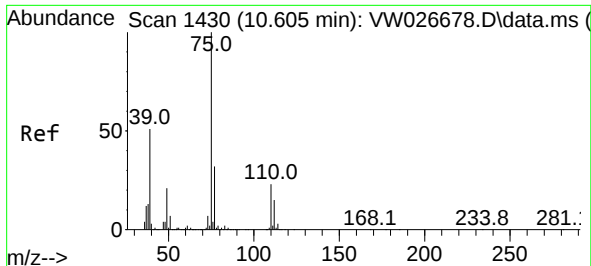
Tgt Ion: 91 Resp: 1132760

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8

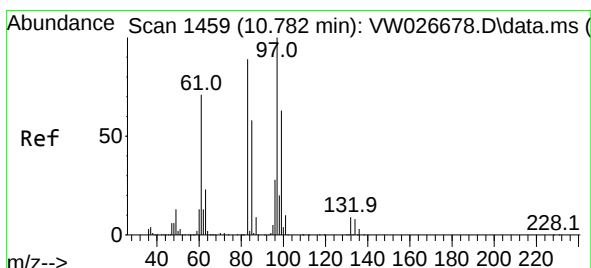
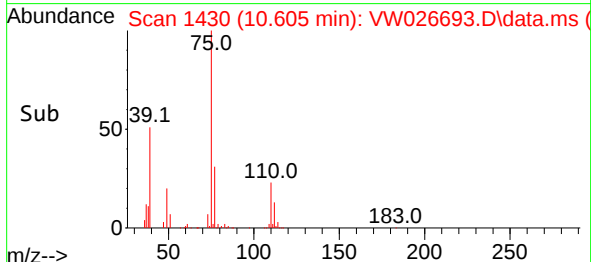
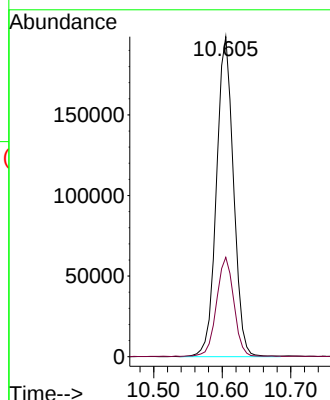
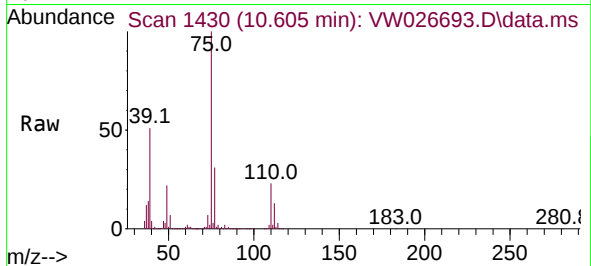




#44
trans-1,3-Dichloropropene
Concen: 22.116 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

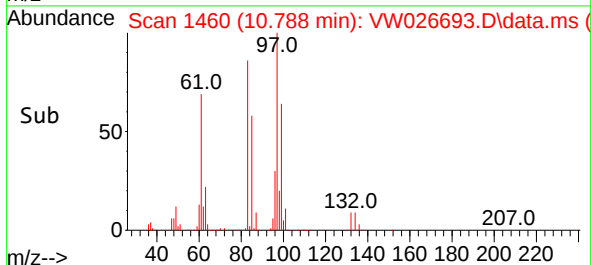
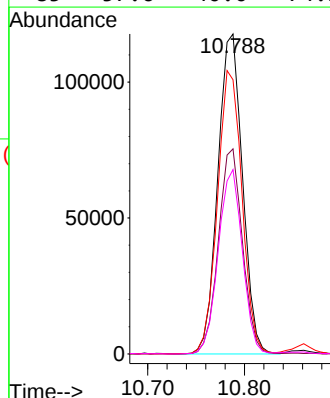
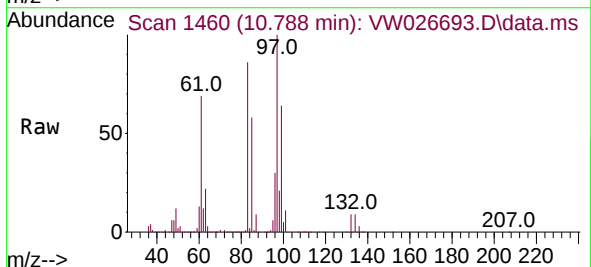
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

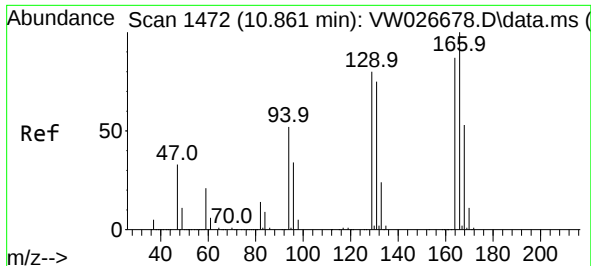
Tgt Ion: 75 Resp: 342098
Ion Ratio Lower Upper
75 100
77 31.1 21.2 39.4



#45
1,1,2-Trichloroethane
Concen: 24.360 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 97 Resp: 208127
Ion Ratio Lower Upper
97 100
99 64.1 44.2 82.0
83 85.7 61.9 114.9
85 57.6 40.0 74.2

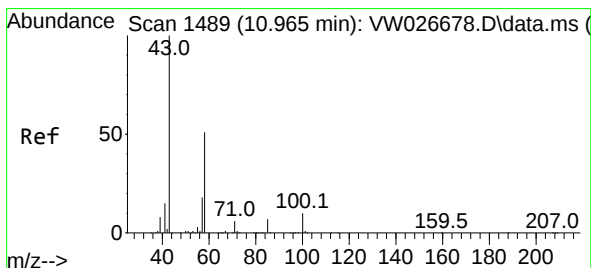
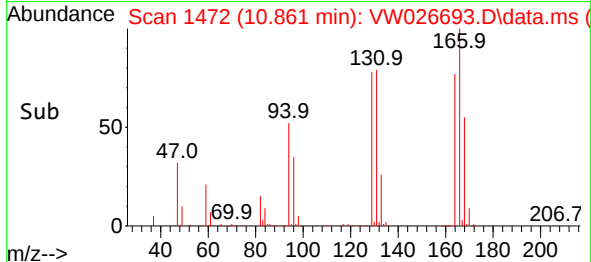
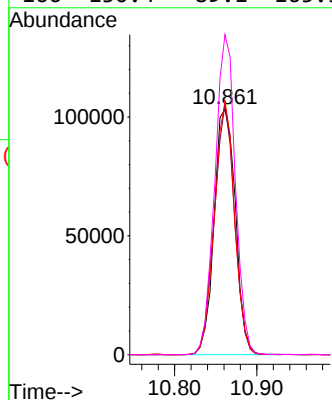
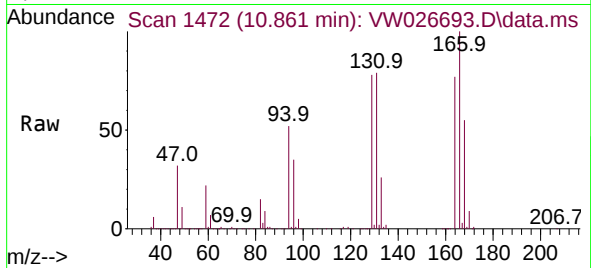




#46
Tetrachloroethene
Concen: 22.035 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

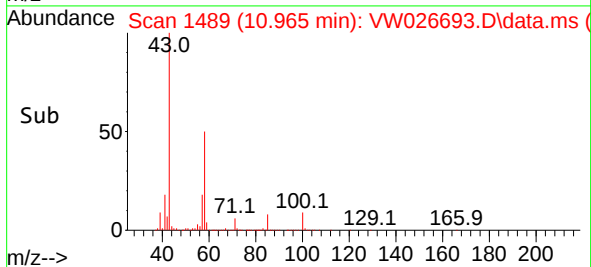
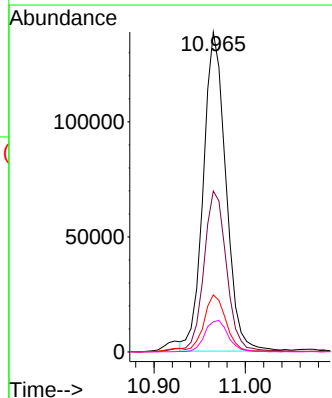
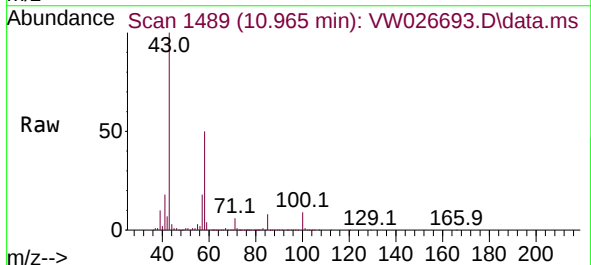
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

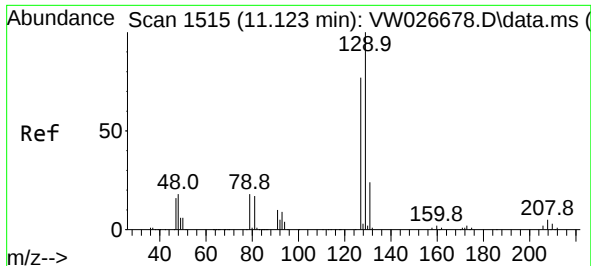
Tgt Ion:164 Resp: 185947
Ion Ratio Lower Upper
164 100
129 102.0 68.1 126.5
131 103.4 65.5 121.7
166 130.4 89.1 165.5



#48
2-Hexanone
Concen: 43.118 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 43 Resp: 238413
Ion Ratio Lower Upper
43 100
58 51.3 41.1 61.7
57 17.6 14.3 21.5
100 10.3 8.8 13.2





#49

Dibromochloromethane

Concen: 24.502 ug/L

RT: 11.130 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Instrument :

MSVOA_W

ClientSampleId :

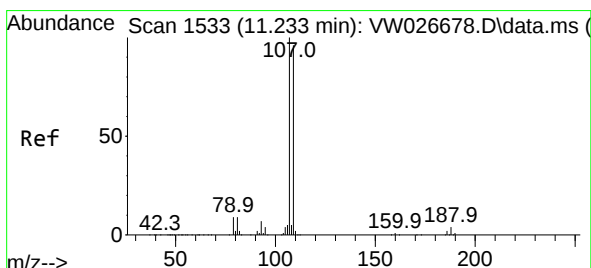
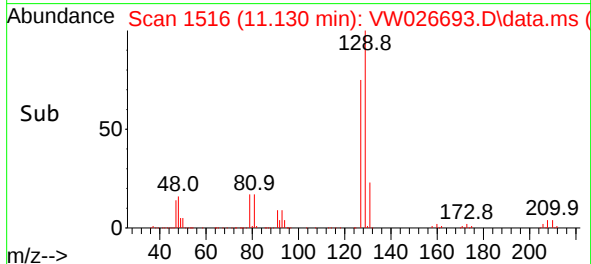
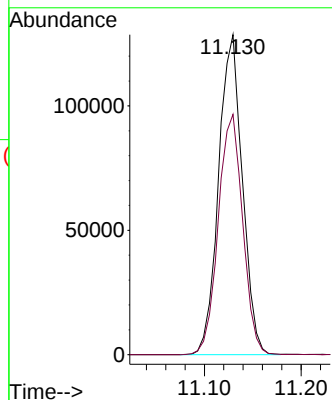
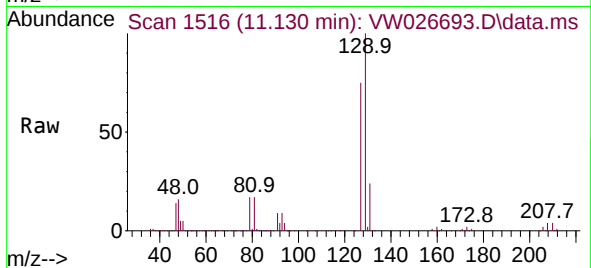
A48H5MS

Tgt Ion:129 Resp: 218945

Ion Ratio Lower Upper

129 100

127 75.1 56.6 105.2



#50

1,2-Dibromoethane

Concen: 23.674 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

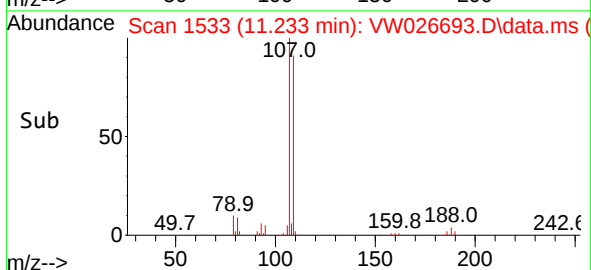
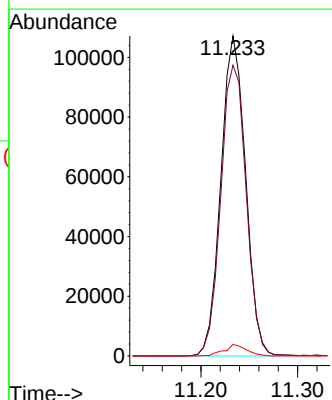
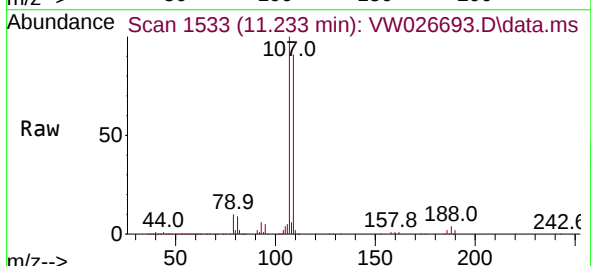
Tgt Ion:107 Resp: 189780

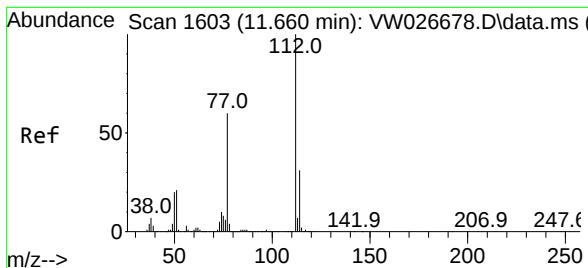
Ion Ratio Lower Upper

107 100

109 90.8 68.8 127.8

188 3.6 2.7 4.1

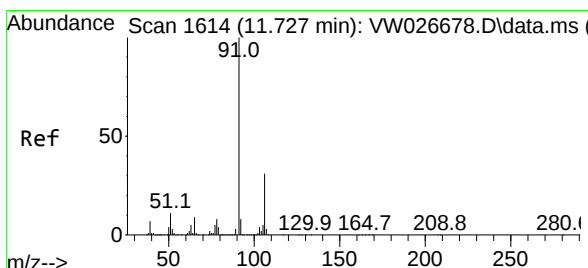
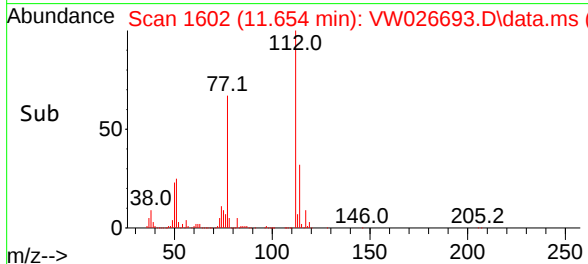
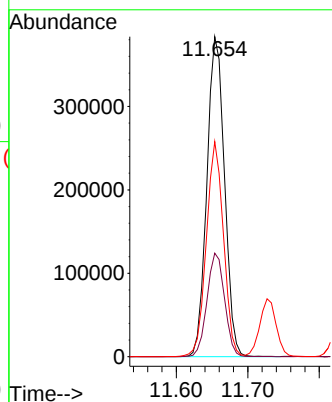
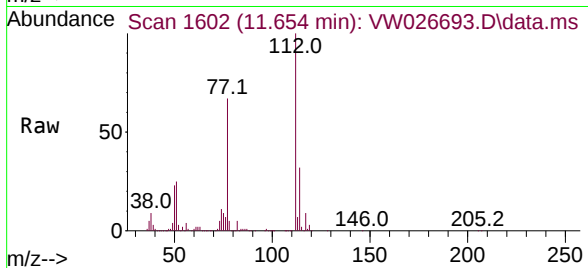




#51
Chlorobenzene
Concen: 22.586 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

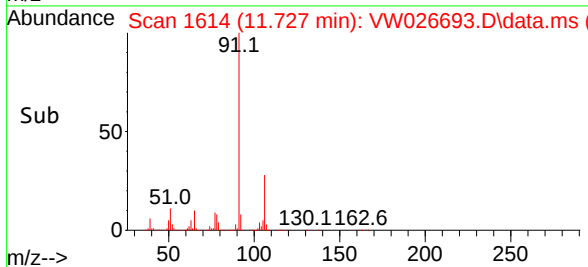
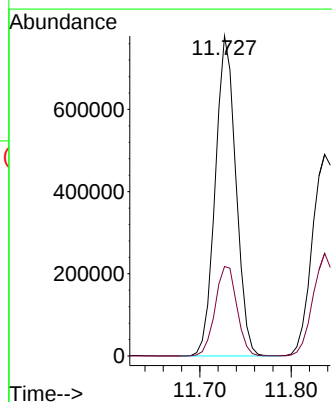
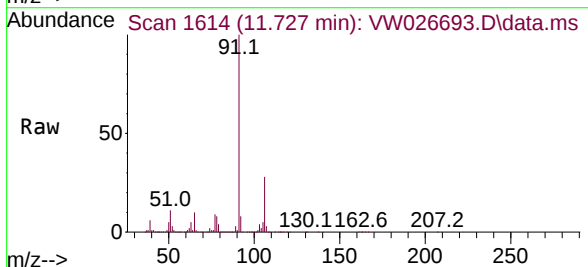
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

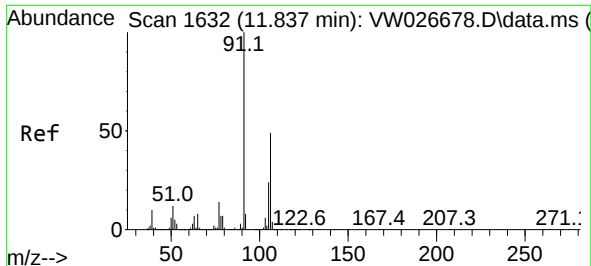
Tgt Ion:112 Resp: 658235
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 67.2 50.2 75.2



#52
Ethylbenzene
Concen: 23.630 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 91 Resp: 1222587
Ion Ratio Lower Upper
91 100
106 28.0 20.2 37.6

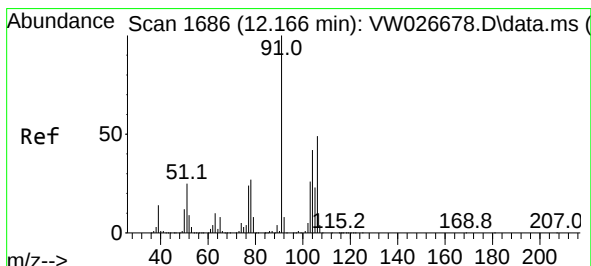
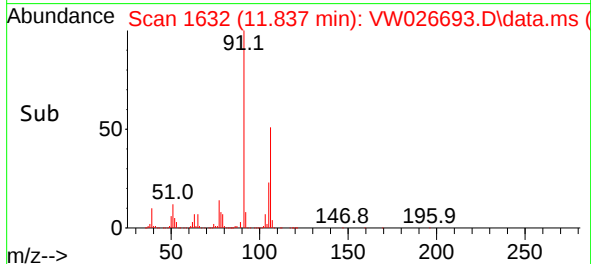
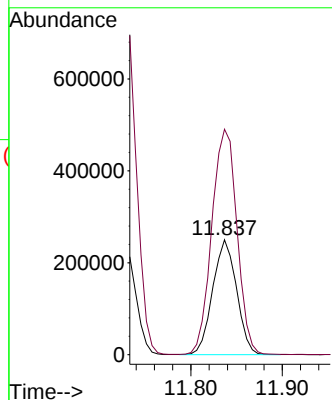
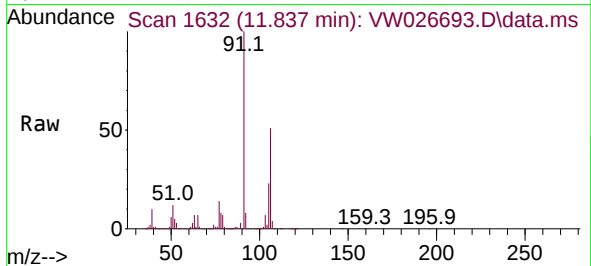




#53
m,p-Xylene
Concen: 23.678 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

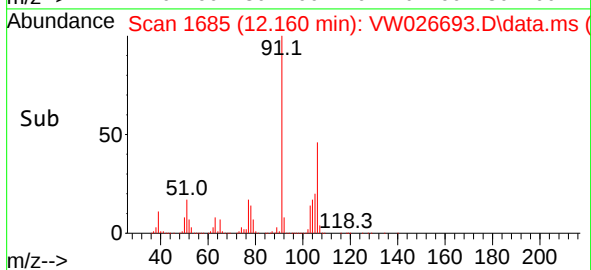
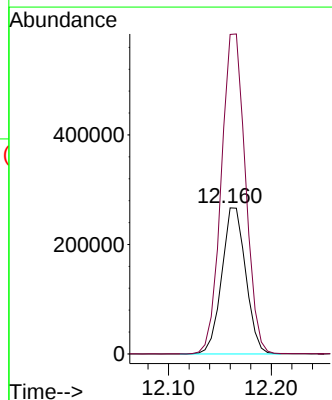
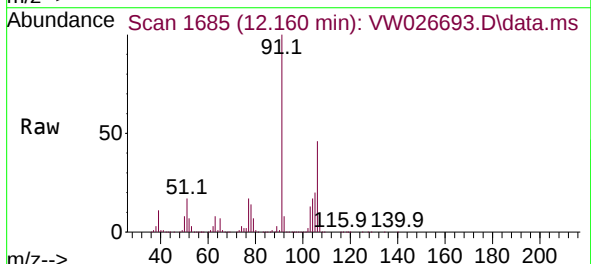
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

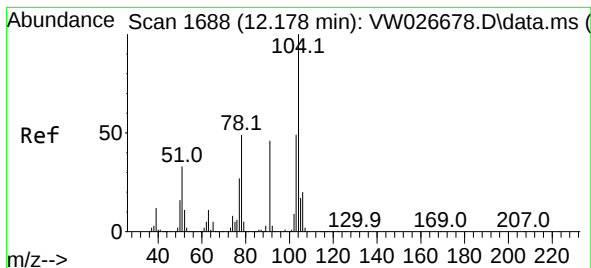
Tgt Ion:106 Resp: 453831
Ion Ratio Lower Upper
106 100
91 196.2 152.9 284.1



#54
o-Xylene
Concen: 24.136 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion:106 Resp: 431752
Ion Ratio Lower Upper
106 100
91 218.6 149.9 278.3





#55

Styrene

Concen: 21.514 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Instrument :

MSVOA_W

ClientSampleId :

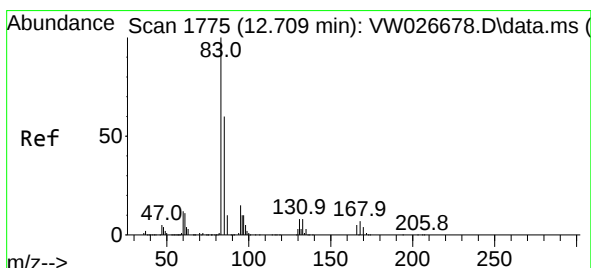
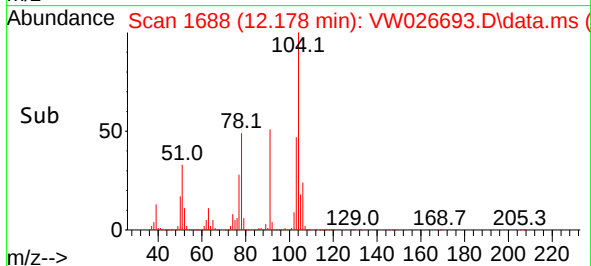
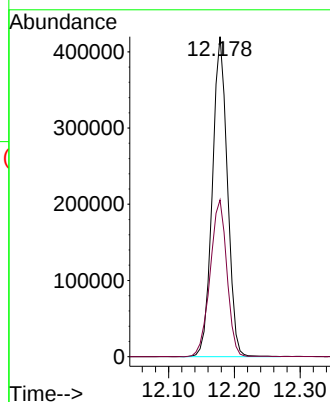
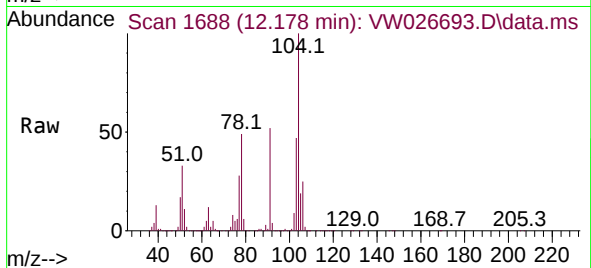
A48H5MS

Tgt Ion:104 Resp: 669155

Ion Ratio Lower Upper

104 100

78 49.0 33.0 61.2



#57

1,1,2,2-Tetrachloroethane

Concen: 23.113 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

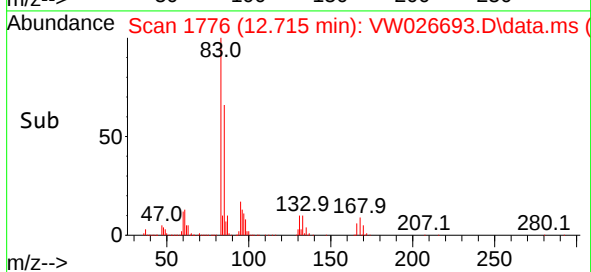
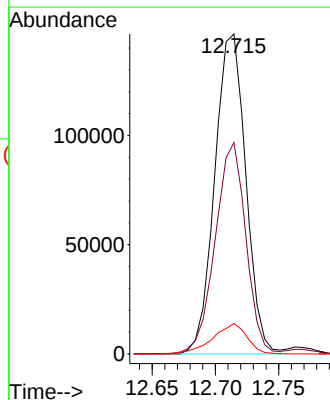
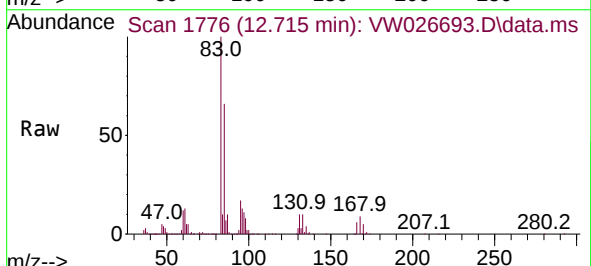
Tgt Ion: 83 Resp: 250093

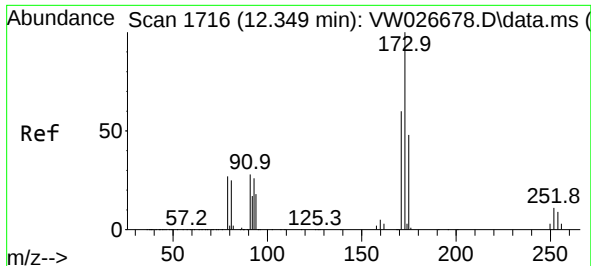
Ion Ratio Lower Upper

83 100

85 66.1 44.9 83.3

131 9.5 7.4 11.0

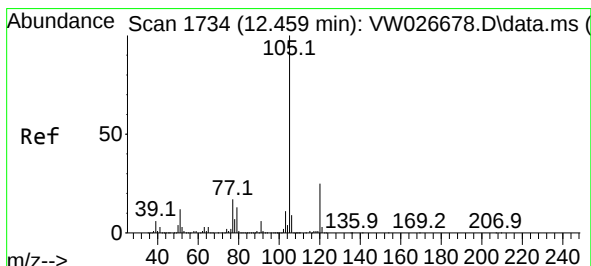
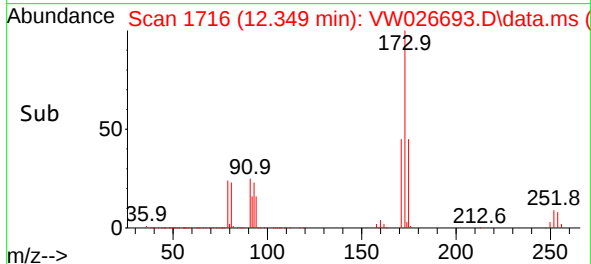
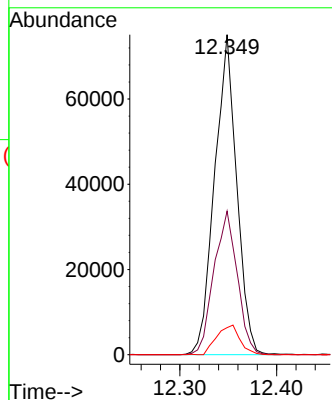
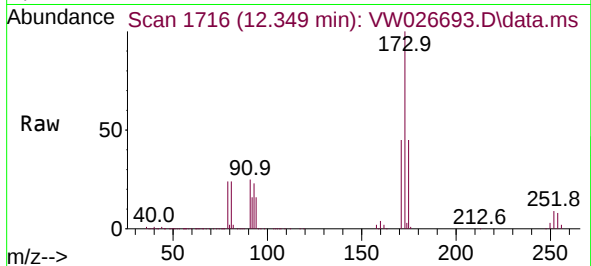




#59
Bromoform
Concen: 25.816 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

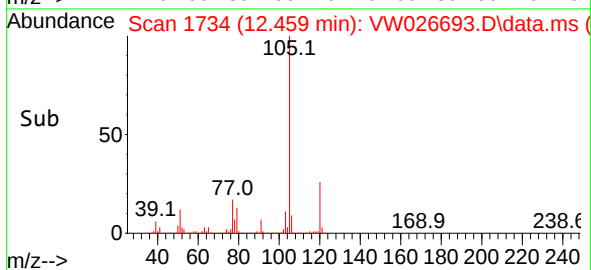
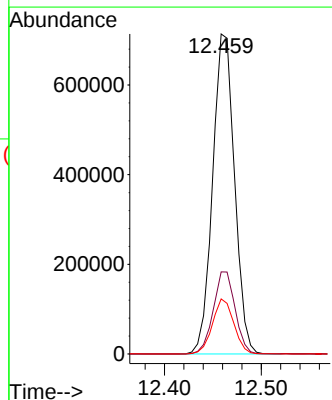
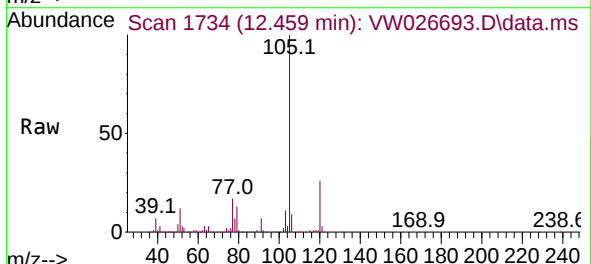
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

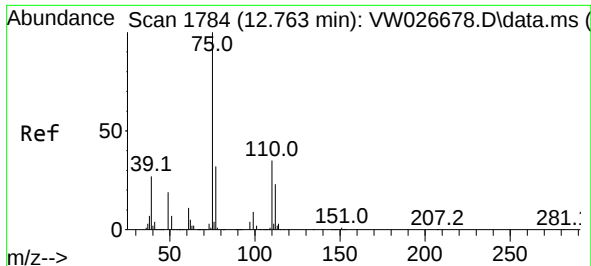
Tgt Ion:173 Resp: 119166
Ion Ratio Lower Upper
173 100
175 47.5 36.6 55.0
254 9.7 7.8 11.6



#60
Isopropylbenzene
Concen: 25.631 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion:105 Resp: 1122888
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 16.7 13.4 20.2

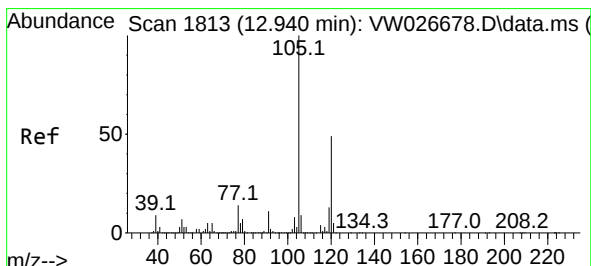
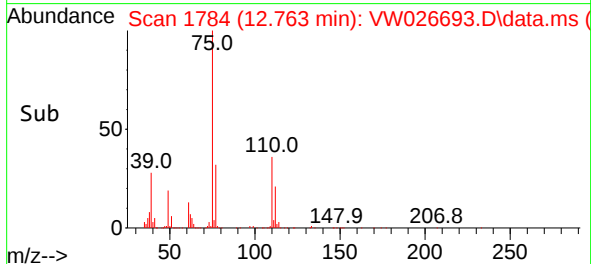
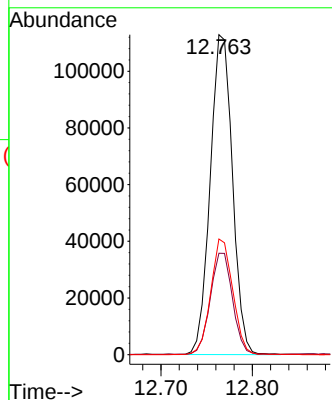
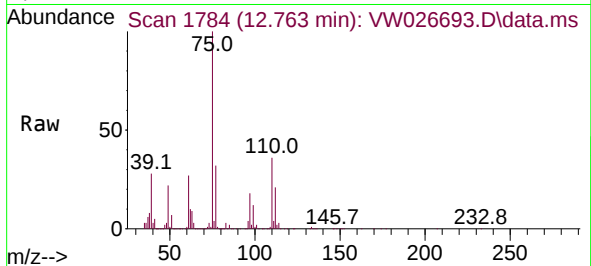




#61
1,2,3-Trichloropropane
Concen: 26.688 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

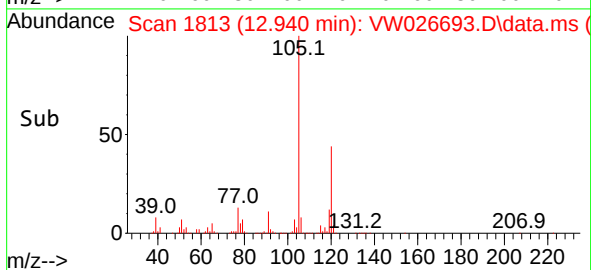
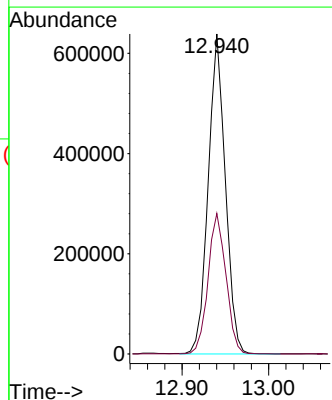
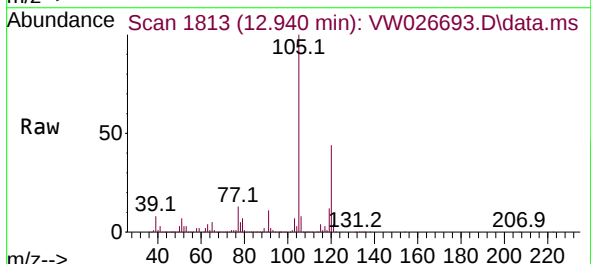
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

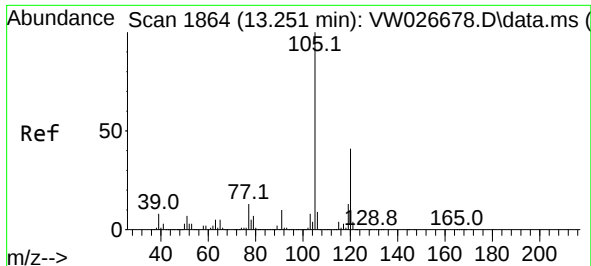
Tgt Ion: 75 Resp: 190758
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
110 35.8 29.9 44.9



#62
1,3,5-Trimethylbenzene
Concen: 25.308 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion: 105 Resp: 876364
Ion Ratio Lower Upper
105 100
120 46.1 37.4 56.2

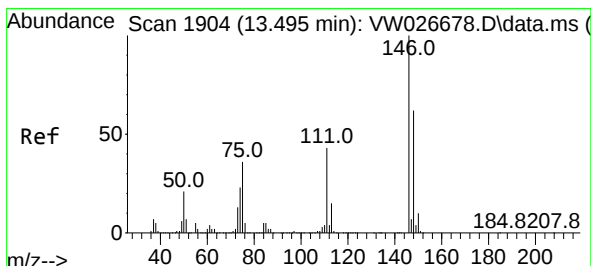
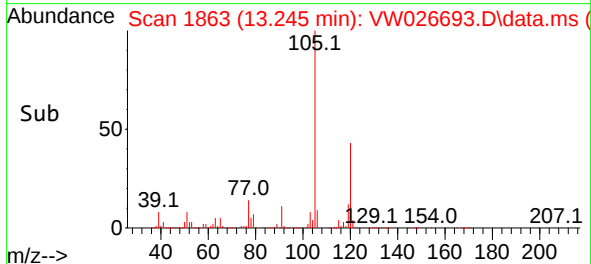
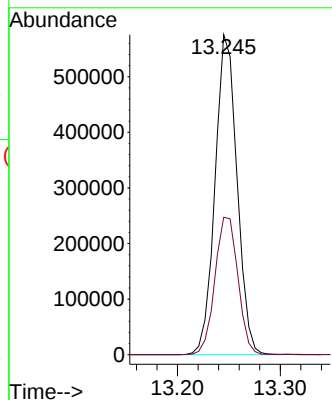
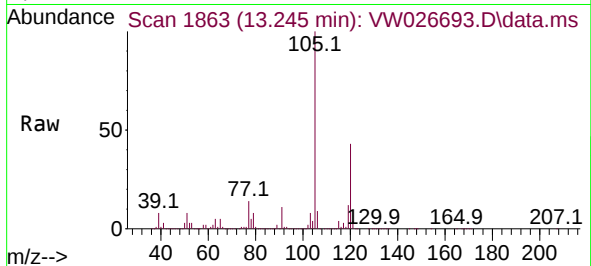




#63
1,2,4-Trimethylbenzene
Concen: 25.140 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

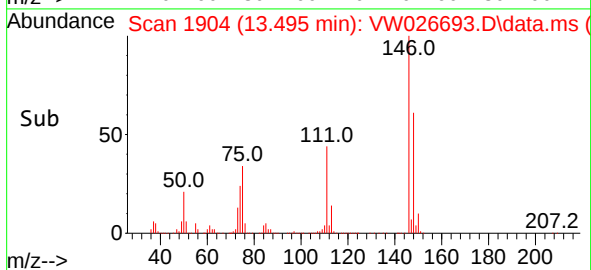
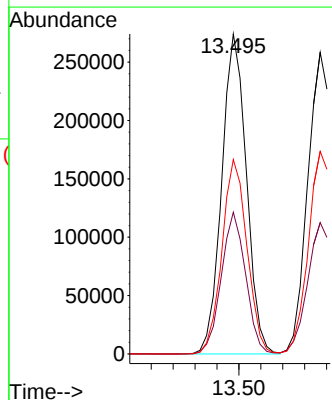
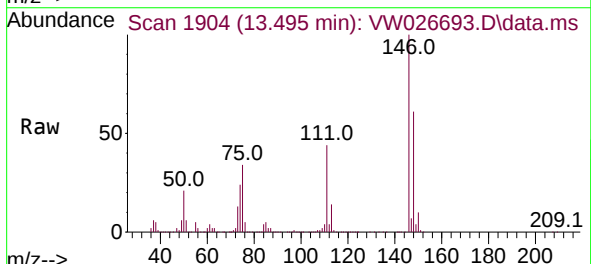
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

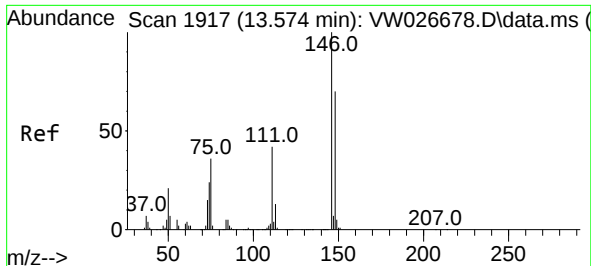
Tgt Ion:105 Resp: 853070
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 22.479 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion:146 Resp: 428300
Ion Ratio Lower Upper
146 100
111 44.3 29.1 54.1
148 60.8 38.8 72.0

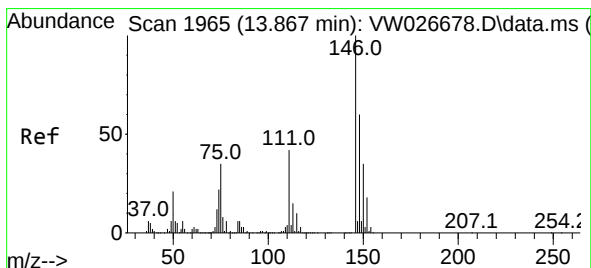
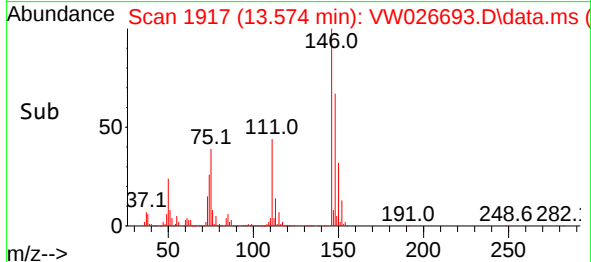
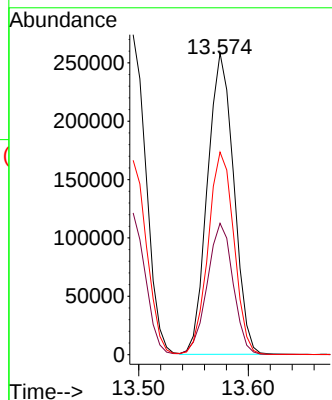
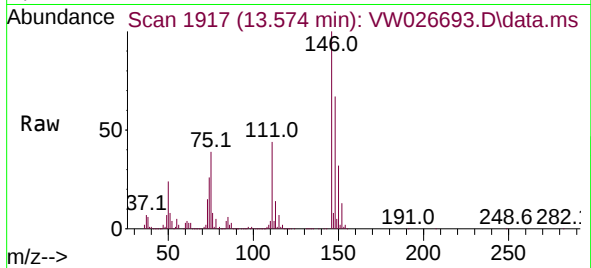




#65
1,4-Dichlorobenzene
Concen: 21.637 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

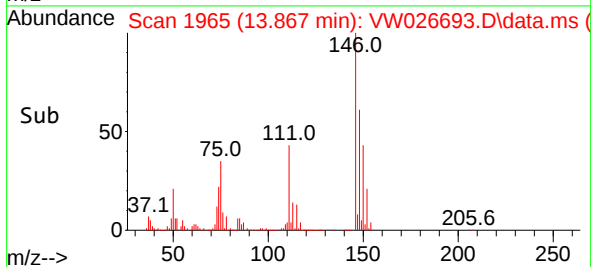
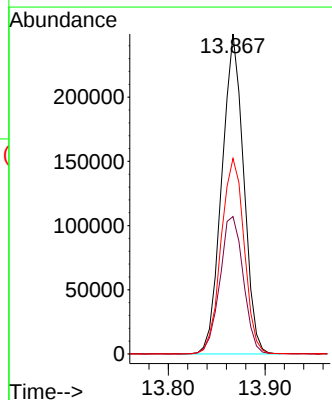
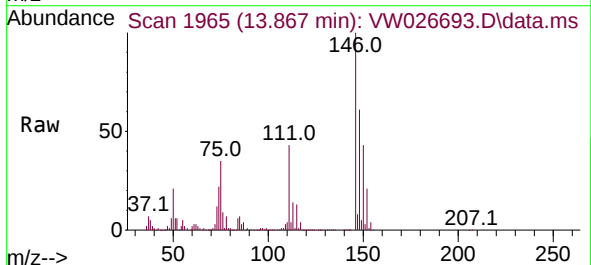
Instrument :
MSVOA_W
ClientSampleId :
A48H5MS

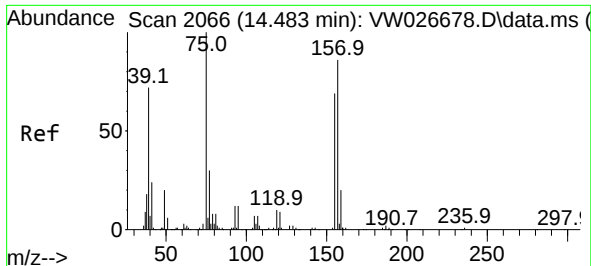
Tgt Ion:146 Resp: 430228
Ion Ratio Lower Upper
146 100
111 43.6 28.3 52.7
148 67.2 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 22.525 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026693.D
Acq: 10 Aug 2023 21:44

Tgt Ion:146 Resp: 390268
Ion Ratio Lower Upper
146 100
111 43.0 34.6 52.0
148 61.1 53.4 80.0





#68

1,2-Dibromo-3-chloropropane

Concen: 24.007 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Instrument :

MSVOA_W

ClientSampleId :

A48H5MS

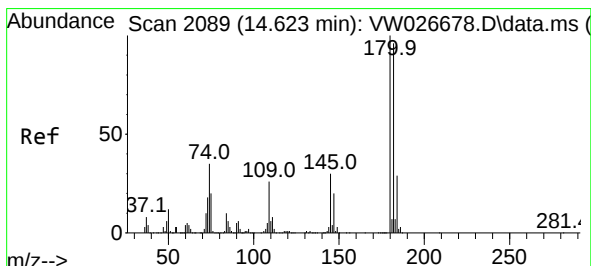
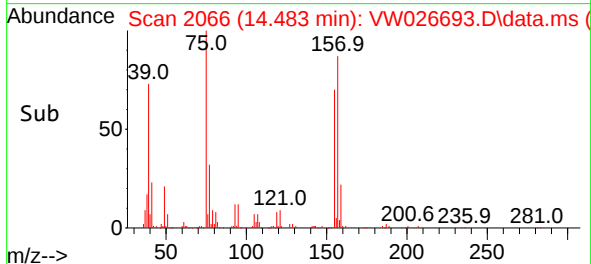
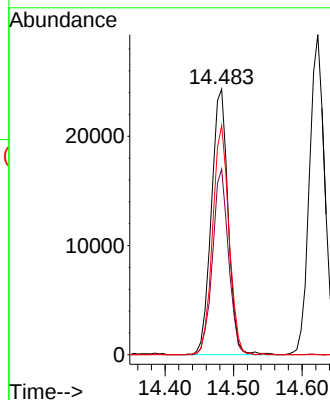
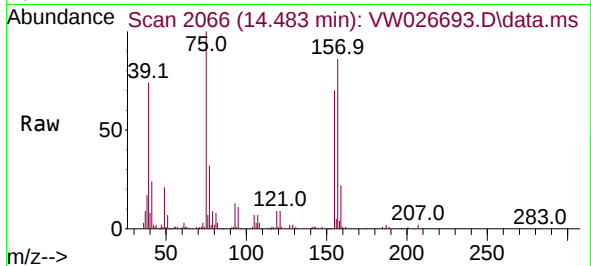
Tgt Ion: 75 Resp: 41369

Ion Ratio Lower Upper

75 100

155 69.9 55.0 82.6

157 86.3 77.8 116.6



#69

1,3,5-Trichlorobenzene

Concen: 16.714 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Tgt Ion:180 Resp: 215148

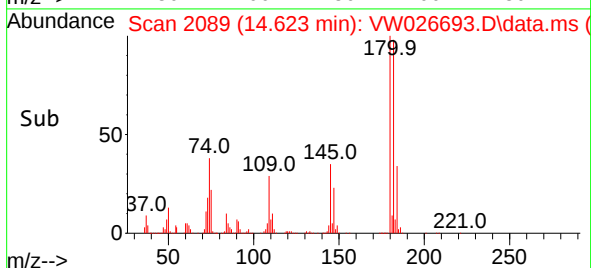
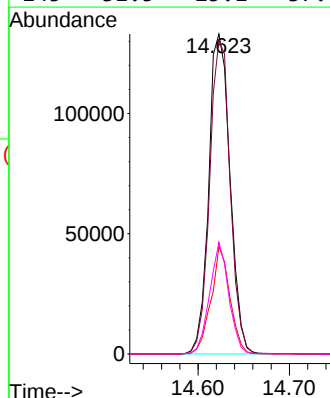
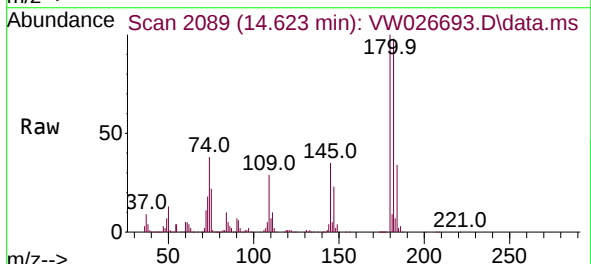
Ion Ratio Lower Upper

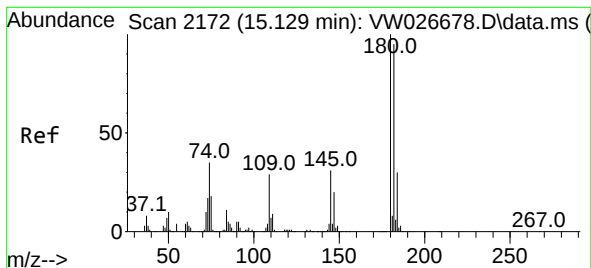
180 100

182 95.0 75.2 112.8

184 30.0 23.8 35.8

145 31.5 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 14.461 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

Instrument :

MSVOA_W

ClientSampleId :

A48H5MS

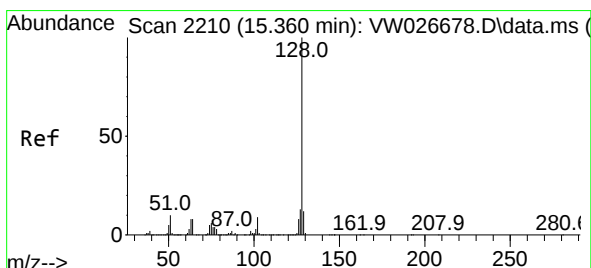
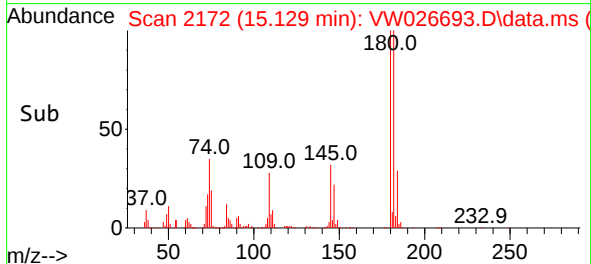
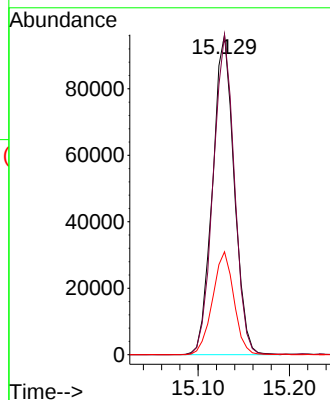
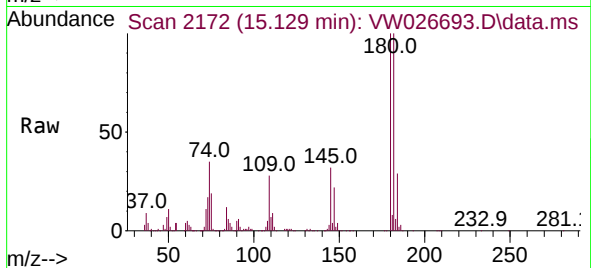
Tgt Ion:180 Resp: 157821

Ion Ratio Lower Upper

180 100

182 98.1 72.5 108.7

145 31.8 24.7 37.1



#71

Naphthalene

Concen: 17.815 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026693.D

Acq: 10 Aug 2023 21:44

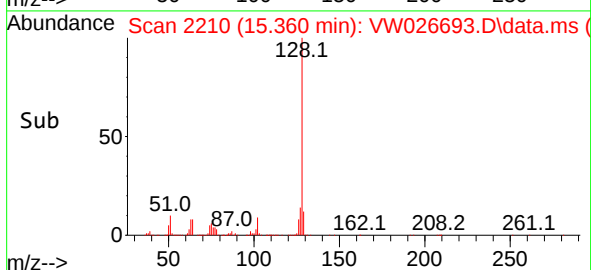
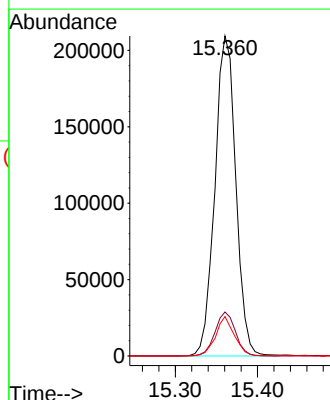
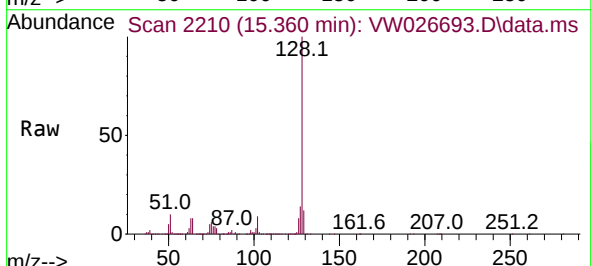
Tgt Ion:128 Resp: 370887

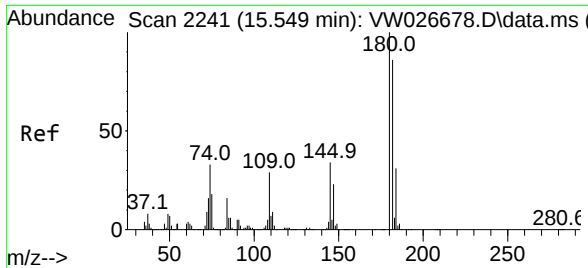
Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.1 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 14.214 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026693.D
 Acq: 10 Aug 2023 21:44

Instrument :
 MSVOA_W
 ClientSampleId :
 A48H5MS

Tgt Ion:	180	Resp:	139919
Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.6	112.0
145	34.1	27.0	40.6

