

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026685.D
 Acq On : 10 Aug 2023 18:31
 Operator : SY/MD
 Sample : 03968-02MS
 Misc : 4.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48H4MS

Quant Time: Aug 11 02:02:28 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	8.837	114	663964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	608125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	268419	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	265894	24.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.893	69	206605	25.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.840%
11) 1,1-Dichloroethene-d2	4.033	65	127342	23.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.880%
21) 2-Butanone-d5	7.075	46	145658	46.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.860%
24) Chloroform-d	7.648	84	589465	26.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	8.306	65	343892	27.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.840%
32) Benzene-d6	8.276	84	1189926	28.391	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.560%
36) 1,2-Dichloropropane-d6	9.276	67	375681	28.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.120%
41) Toluene-d8	10.324	98	1010783	28.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.400%
43) trans-1,3-Dichloroprop...	10.574	79	131346	24.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.480%
47) 2-Hexanone-d5	10.922	63	62829	45.801	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	306935	29.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.080%
66) 1,2-Dichlorobenzene-d4	13.854	152	246905	25.700	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	189181	20.956	ug/L	95
3) Chloromethane	2.228	50	271206	21.971	ug/L	100
5) Vinyl chloride	2.375	62	262414	22.238	ug/L	98
6) Bromomethane	2.783	94	121727	17.705	ug/L	98
8) Chloroethane	2.929	64	153164	21.662	ug/L	98
9) Trichlorofluoromethane	3.265	101	203522	21.016	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	201210	19.235	ug/L	97
12) 1,1-Dichloroethene	4.045	96	213002	21.704	ug/L	82
13) Acetone	4.124	43	105916	33.956	ug/L	98
14) Carbon disulfide	4.392	76	697095	19.744	ug/L	99
15) Methyl Acetate	4.667	43	120640	19.308	ug/L	99
16) Methylene chloride	4.929	84	245179	19.089	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	239594	21.878	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	418974	25.285	ug/L	99
19) 1,1-Dichloroethane	6.215	63	511479	22.693	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	258372	21.950	ug/L	99
22) 2-Butanone	7.172	43	202193	43.985	ug/L	98
23) Bromochloromethane	7.514	128	119307	23.464	ug/L	96
25) Chloroform	7.672	83	484517	22.251	ug/L	99

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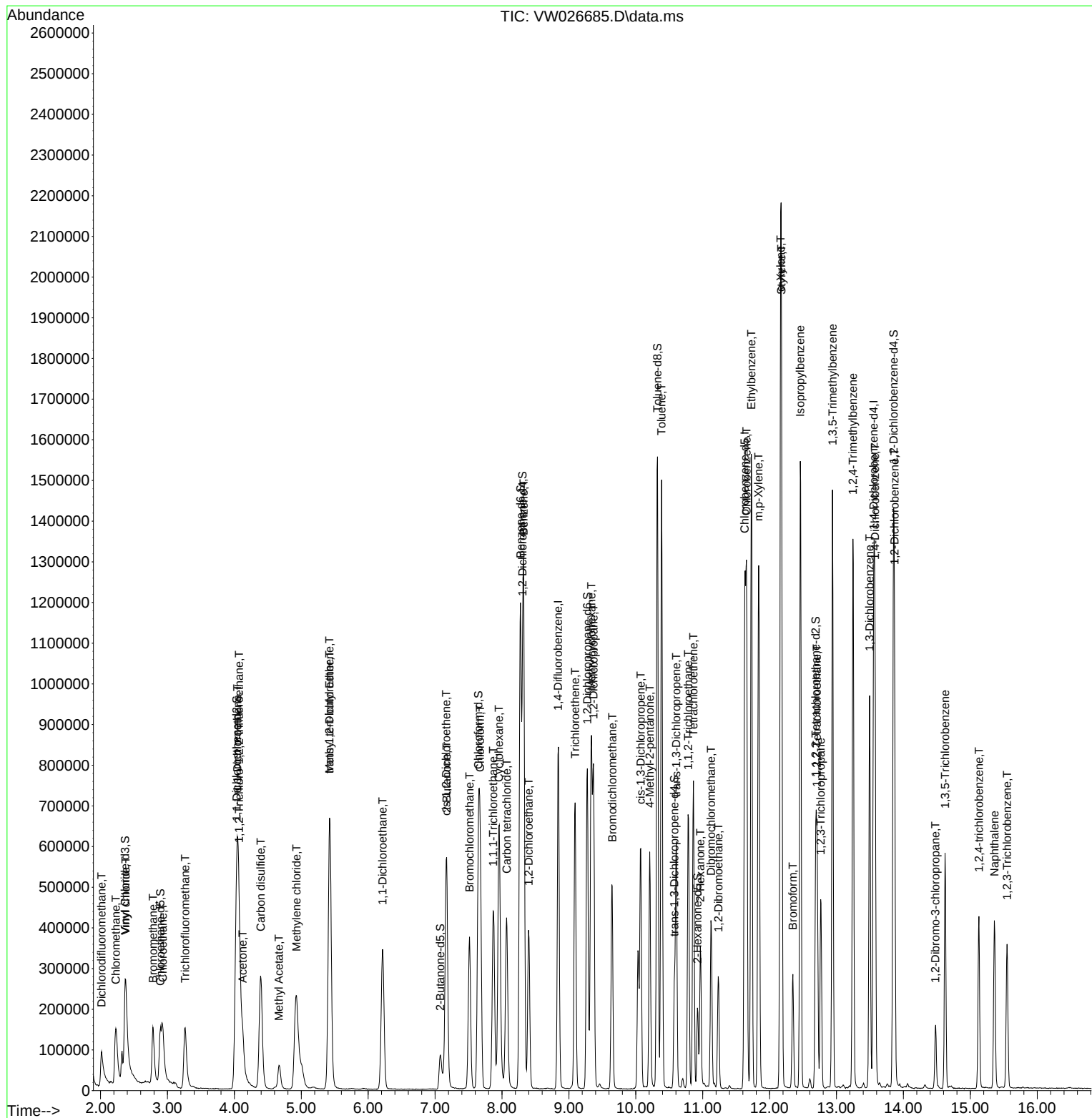
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	359602	23.672	ug/L	100
29) Cyclohexane	7.953	56	382165	20.321	ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	363966	22.933	ug/L	99
31) Carbon tetrachloride	8.069	117	327001	22.534	ug/L	97
33) Benzene	8.325	78	1049600	23.701	ug/L	100
34) Trichloroethene	9.093	95	250566	22.215	ug/L	97
35) Methylcyclohexane	9.337	83	325159	16.852	ug/L	99
37) 1,2-Dichloropropane	9.367	63	289980	23.906	ug/L	100
38) Bromodichloromethane	9.648	83	342528	24.071	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	350660	20.095	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	389725	49.393	ug/L	99
42) Toluene	10.385	91	1031804	23.032	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	318430	21.201	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	209118	25.207	ug/L	97
46) Tetrachloroethene	10.861	164	159207	19.429	ug/L	92
48) 2-Hexanone	10.964	43	229116	42.675	ug/L	99
49) Dibromochloromethane	11.123	129	213208	24.573	ug/L	92
50) 1,2-Dibromoethane	11.233	107	188488	24.215	ug/L	95
51) Chlorobenzene	11.653	112	601740	21.265	ug/L	98
52) Ethylbenzene	11.727	91	1076510	21.428	ug/L	99
53) m,p-Xylene	11.836	106	396679	21.314	ug/L	88
54) o-Xylene	12.165	106	375242	21.603	ug/L	100
55) Styrene	12.178	104	604893	20.029	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	258384	24.593	ug/L	100
59) Bromoform	12.348	173	121134	28.809	ug/L	96
60) Isopropylbenzene	12.458	105	946527	23.718	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	198688	30.516	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	720927	22.855	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	711690	23.025	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	355186	20.465	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	363726	20.082	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	338219	21.430	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	42499	27.075	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	165561	14.120	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	121107	12.182	ug/L	95
71) Naphthalene	15.360	128	338886	17.870	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	111074	12.387	ug/L	98

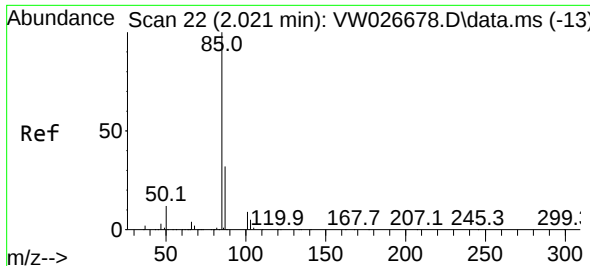
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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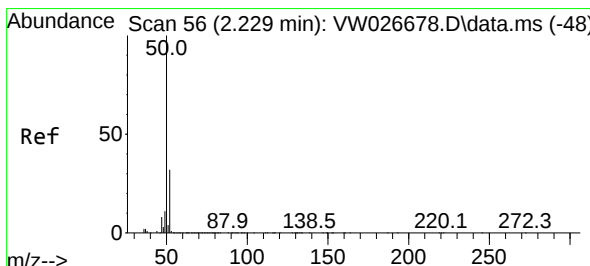
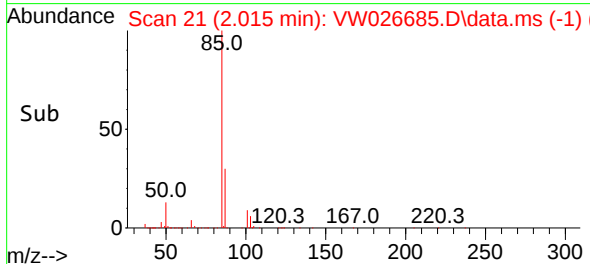
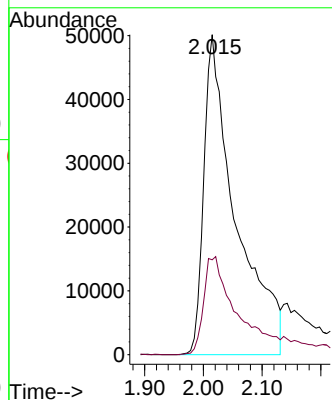
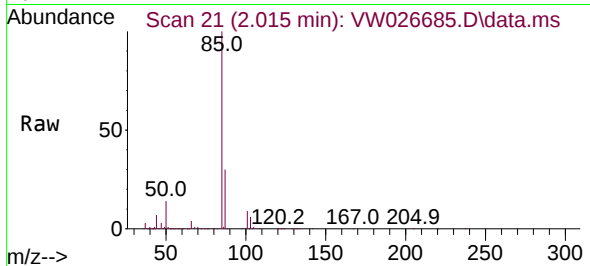




#2
 Dichlorodifluoromethane
 Concen: 20.956 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VW026685.D
 Acq: 10 Aug 2023 18:31

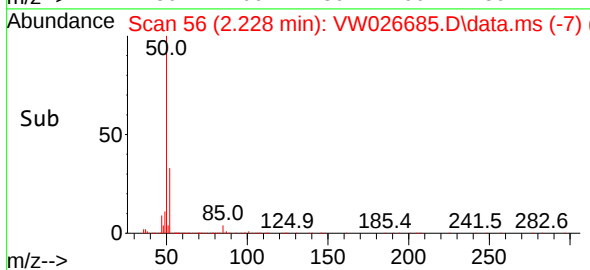
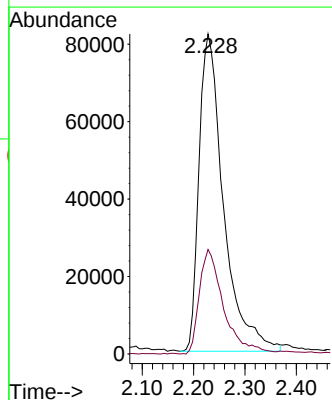
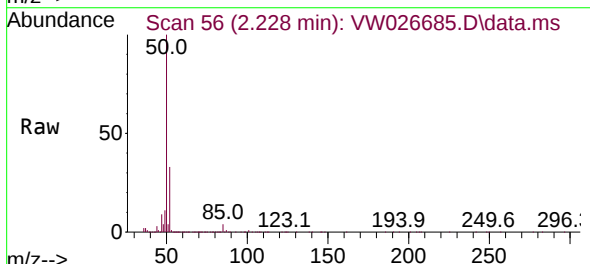
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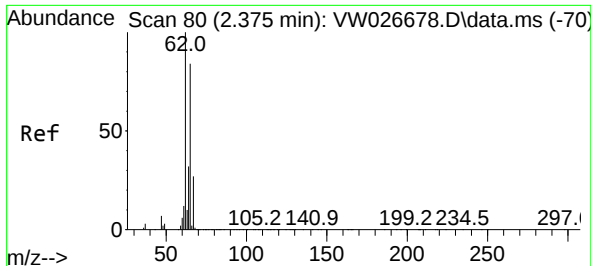
Tgt Ion: 85 Resp: 189181
 Ion Ratio Lower Upper
 85 100
 87 27.0 19.5 29.3



#3
 Chloromethane
 Concen: 21.971 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW026685.D
 Acq: 10 Aug 2023 18:31

Tgt Ion: 50 Resp: 271206
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8

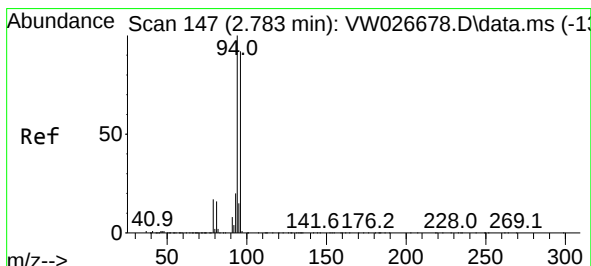
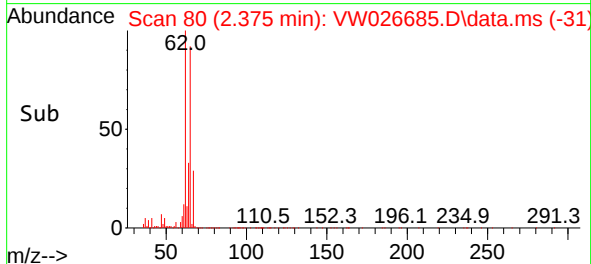
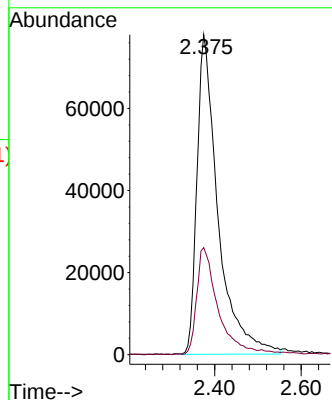
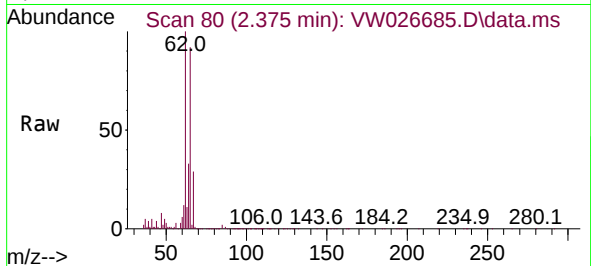




#5
 Vinyl chloride
 Concen: 22.238 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026685.D
 Acq: 10 Aug 2023 18:31

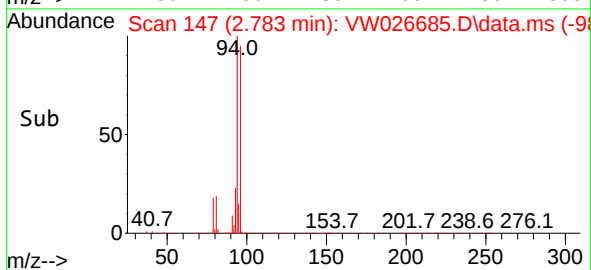
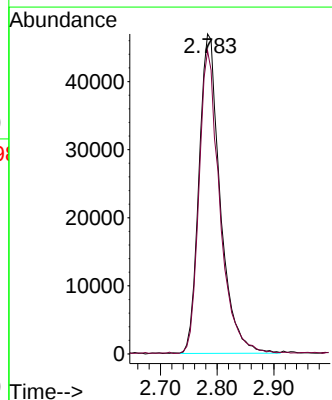
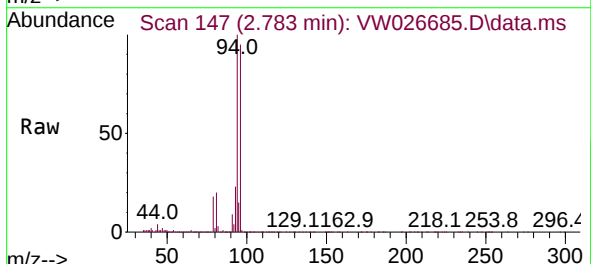
Instrument :
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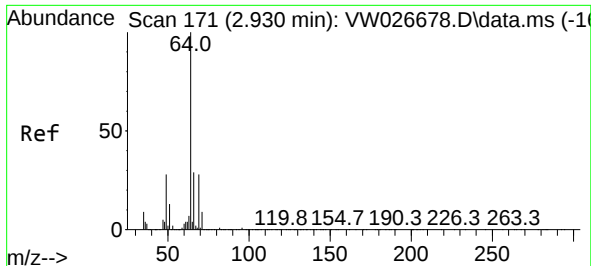
Tgt Ion: 62 Resp: 262414
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.7 42.3



#6
 Bromomethane
 Concen: 17.705 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026685.D
 Acq: 10 Aug 2023 18:31

Tgt Ion: 94 Resp: 121727
 Ion Ratio Lower Upper
 94 100
 96 94.8 64.8 120.3

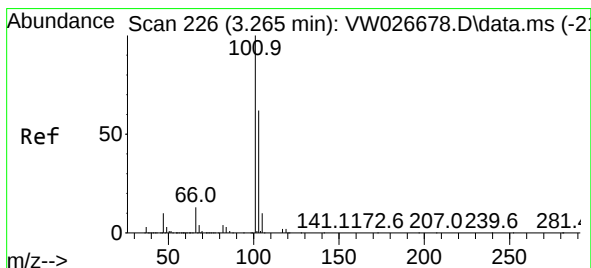
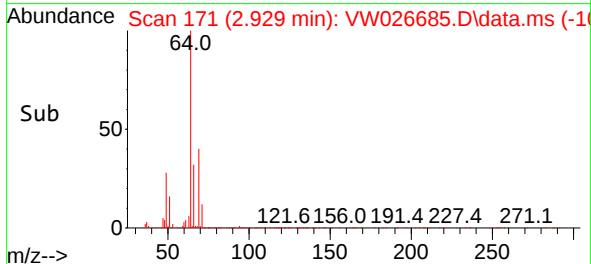
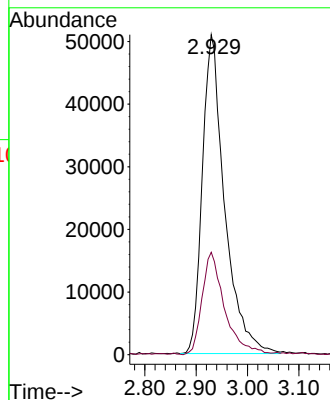
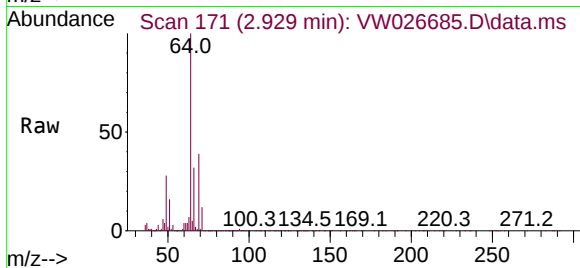




#8
Chloroethane
Concen: 21.662 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

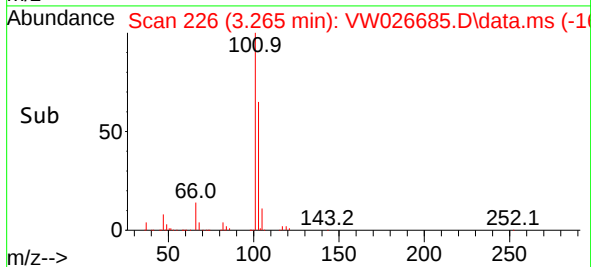
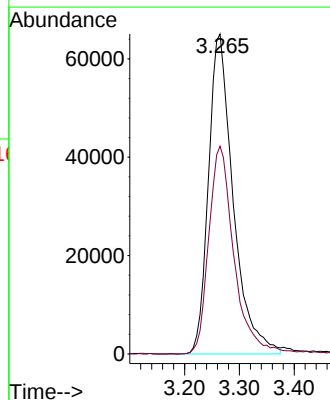
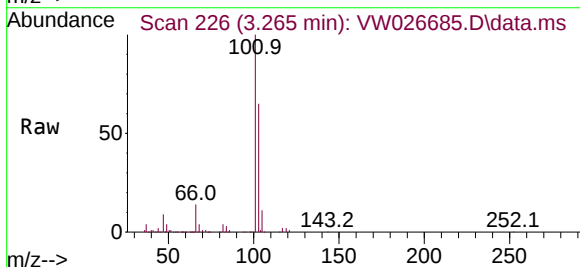
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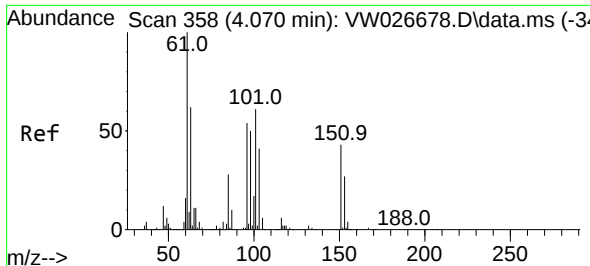
Tgt Ion: 64 Resp: 153164
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.016 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 101 Resp: 203522
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9

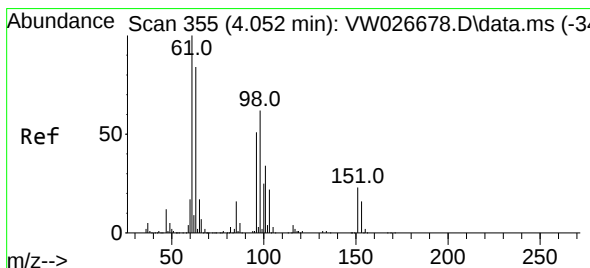
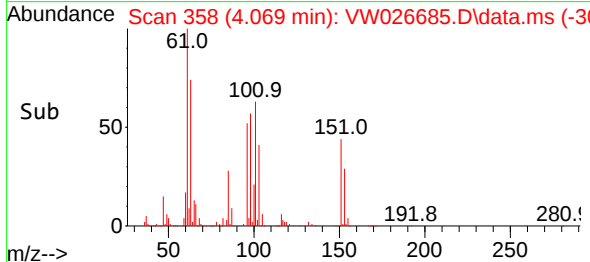
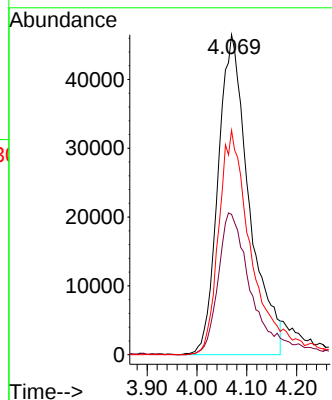
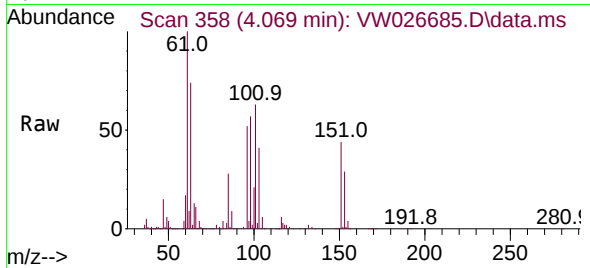




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.235 ug/L
 RT: 4.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW026685.D
 Acq: 10 Aug 2023 18:31

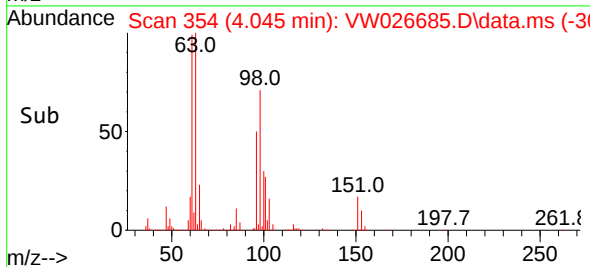
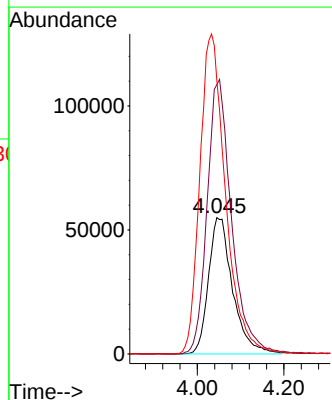
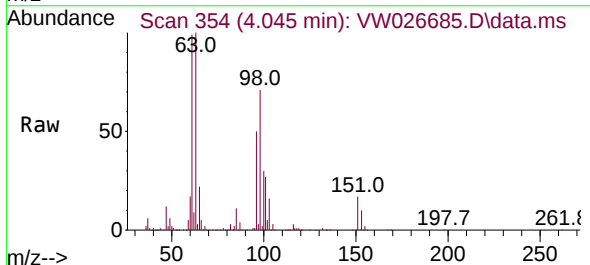
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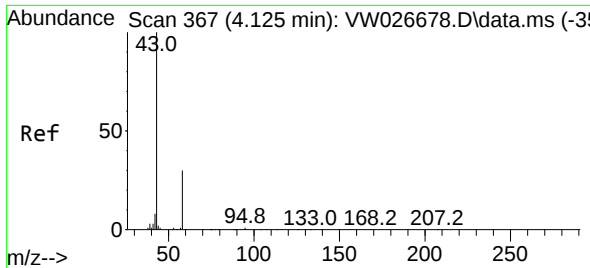
Tgt Ion:101 Resp: 201210
 Ion Ratio Lower Upper
 101 100
 85 43.9 32.8 49.2
 151 69.7 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 21.704 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.007 min
 Lab File: VW026685.D
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Tgt Ion: 96 Resp: 213002
 Ion Ratio Lower Upper
 96 100
 61 197.6 133.2 247.4
 63 200.5 109.0 202.4

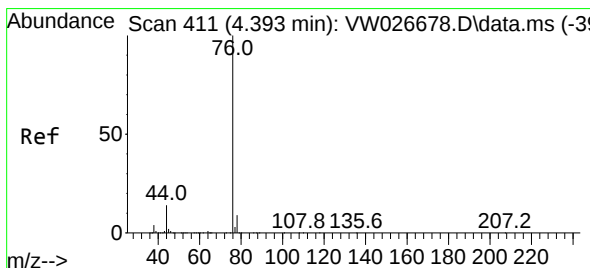
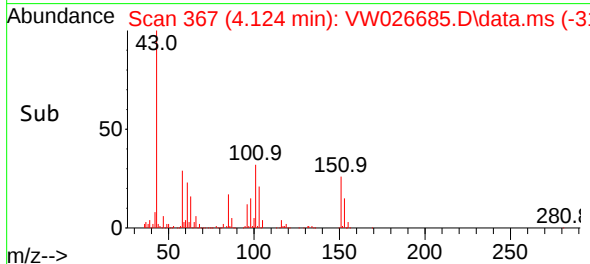
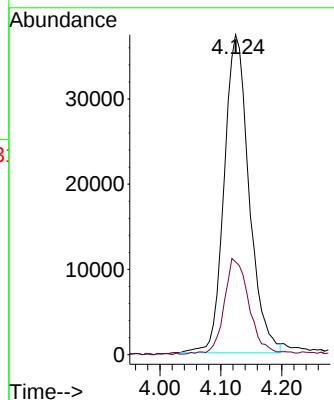
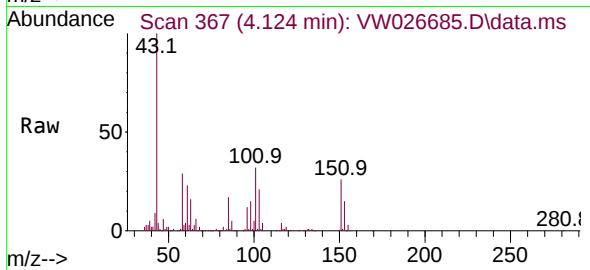




#13
Acetone
Concen: 33.956 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
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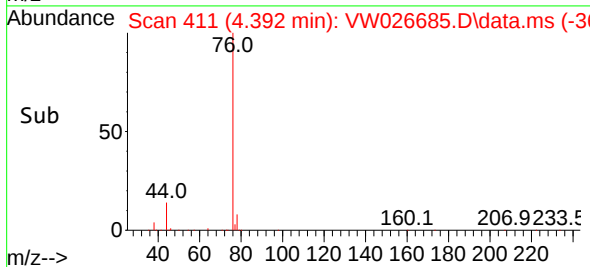
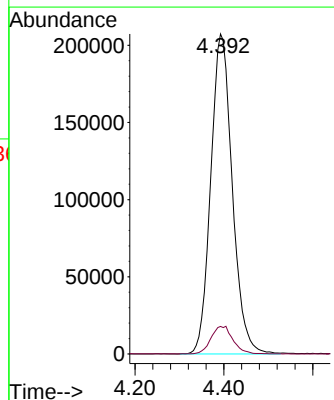
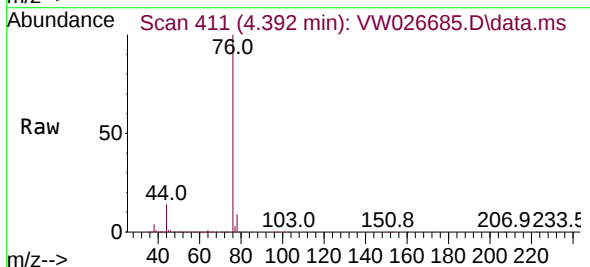
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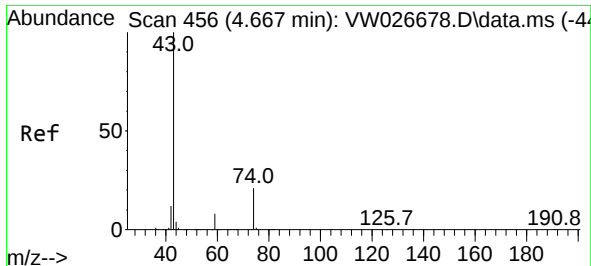
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Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.4



#14
Carbon disulfide
Concen: 19.744 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 697095
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

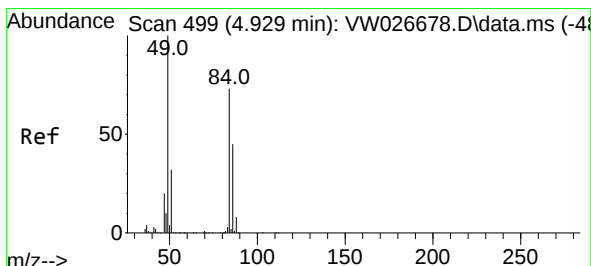
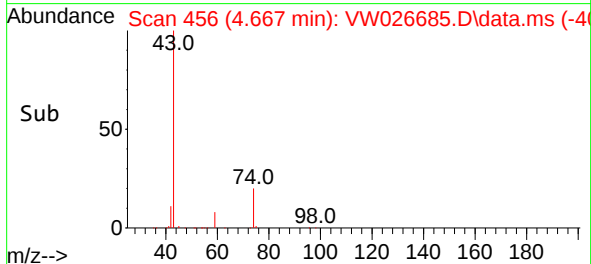
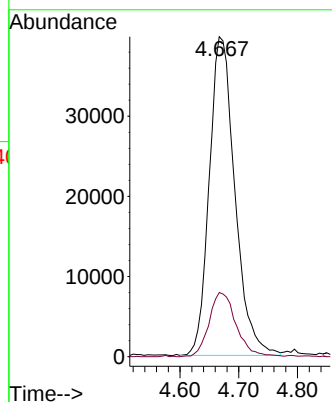
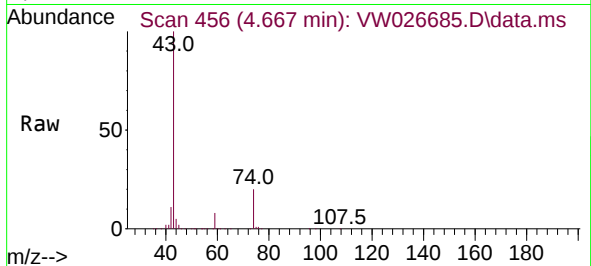




#15
Methyl Acetate
Concen: 19.308 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

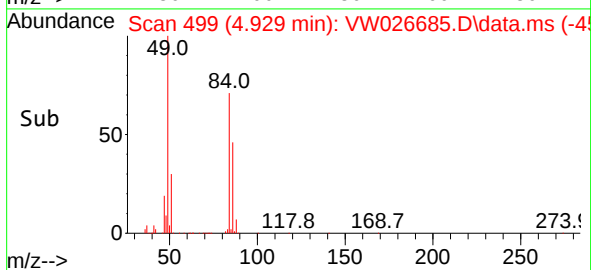
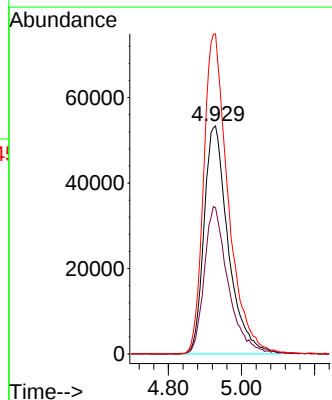
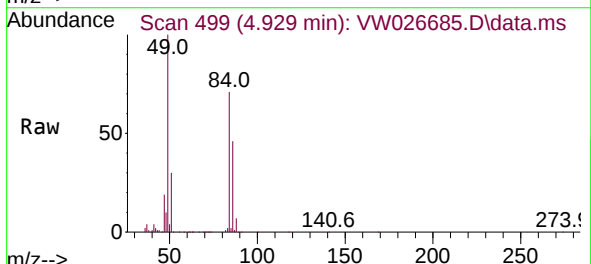
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

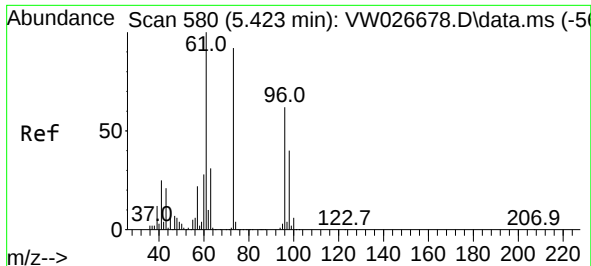
Tgt Ion: 43 Resp: 120640
Ion Ratio Lower Upper
43 100
74 21.1 16.4 24.6



#16
Methylene chloride
Concen: 19.089 ug/L
RT: 4.929 min Scan# 499
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 84 Resp: 245179
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.9
49 140.4 96.0 178.2

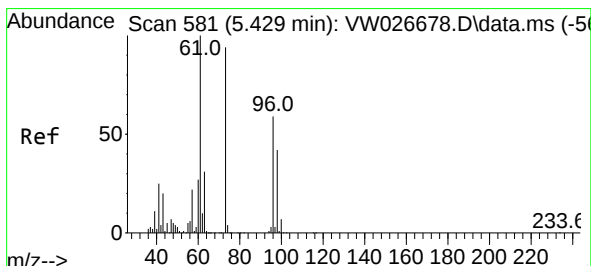
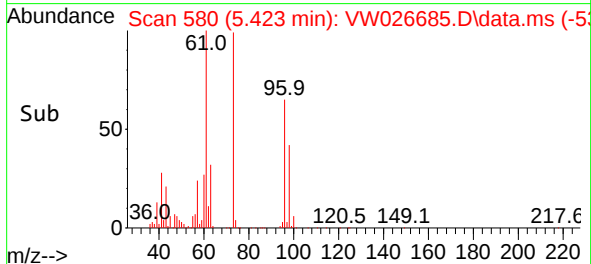
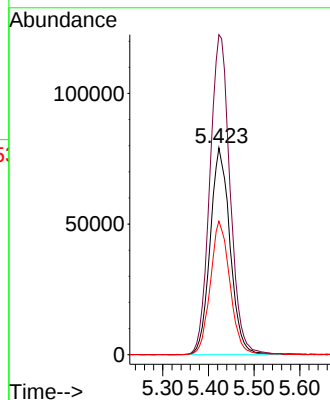
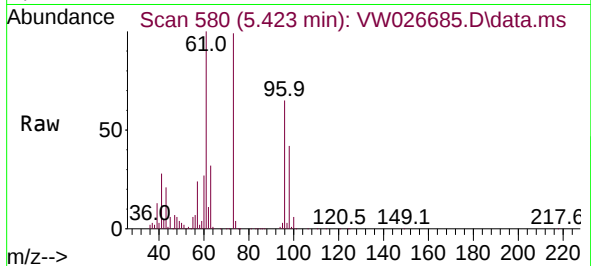




#17
trans-1,2-Dichloroethene
Concen: 21.878 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

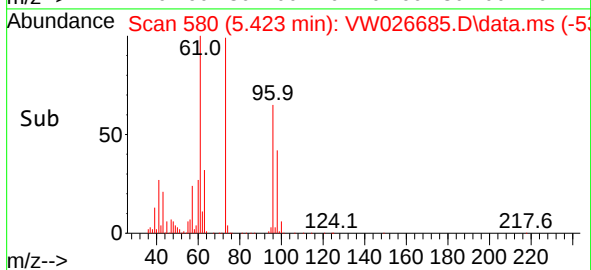
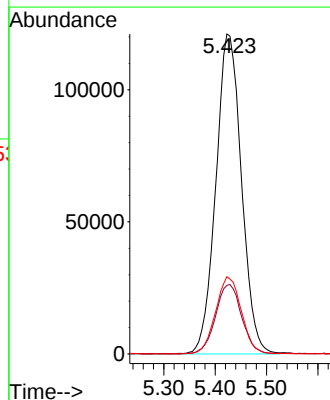
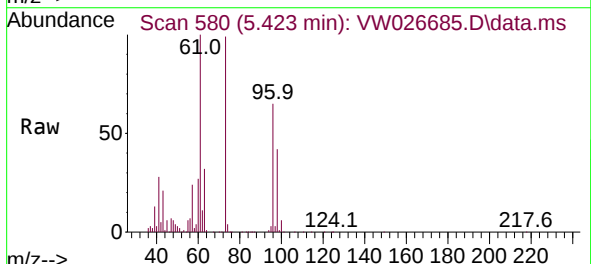
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

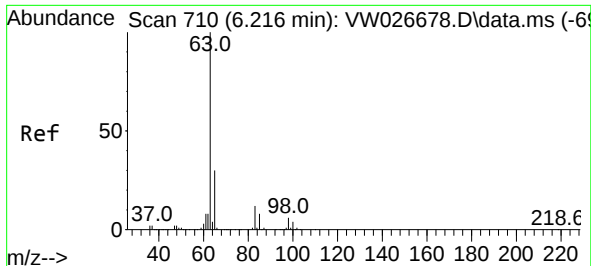
Tgt Ion: 96 Resp: 239594
Ion Ratio Lower Upper
96 100
61 154.6 109.4 203.2
98 64.5 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 25.285 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.007 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 73 Resp: 418974
Ion Ratio Lower Upper
73 100
43 21.9 18.0 27.0
57 24.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.693 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

A48H4MS

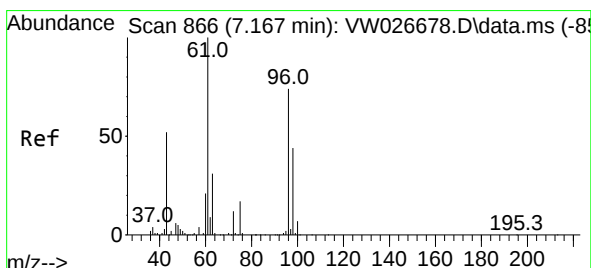
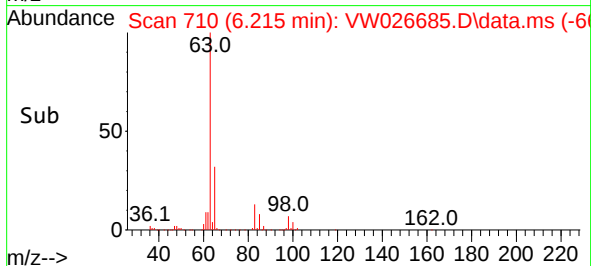
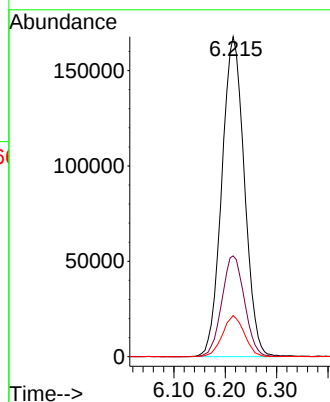
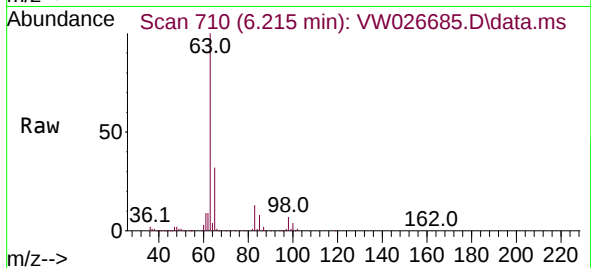
Tgt Ion: 63 Resp: 511479

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 21.950 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

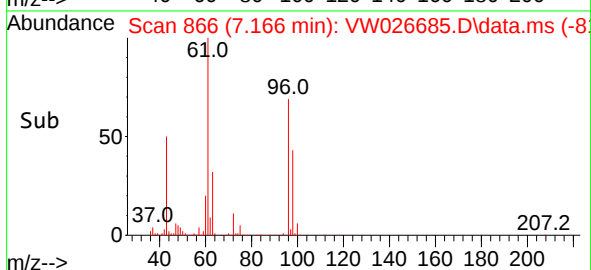
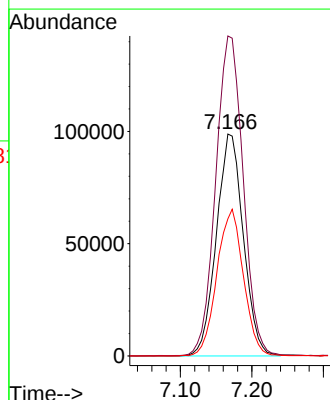
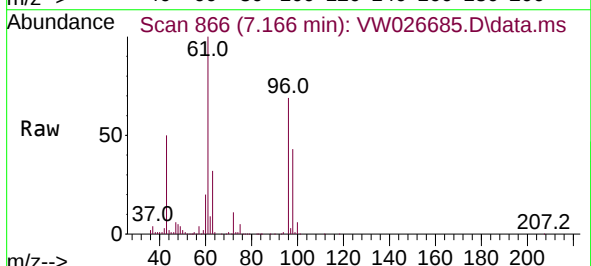
Tgt Ion: 96 Resp: 258372

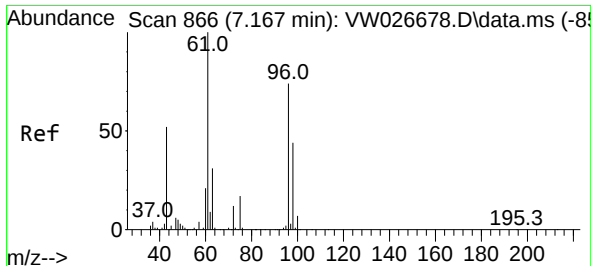
Ion Ratio Lower Upper

96 100

61 144.2 101.2 188.0

98 61.8 43.8 81.3

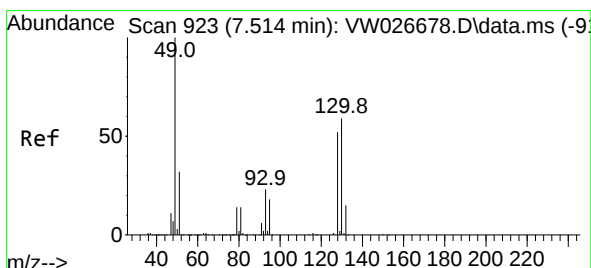
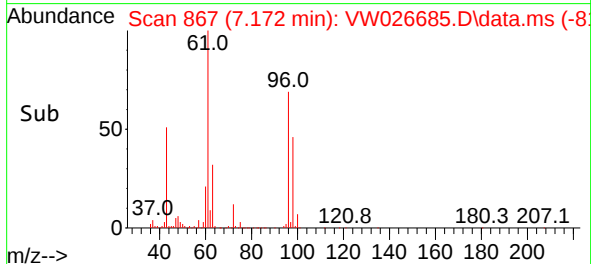
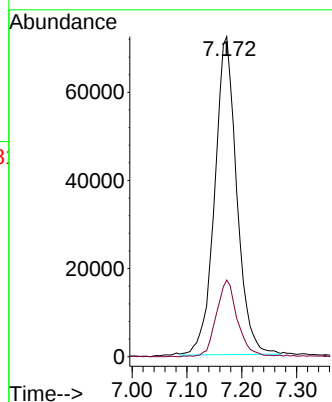
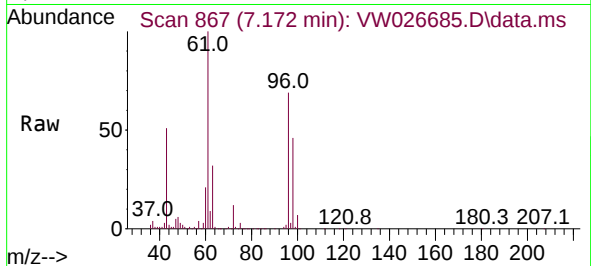




#22
2-Butanone
Concen: 43.985 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

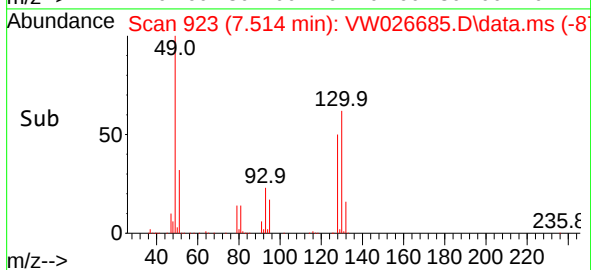
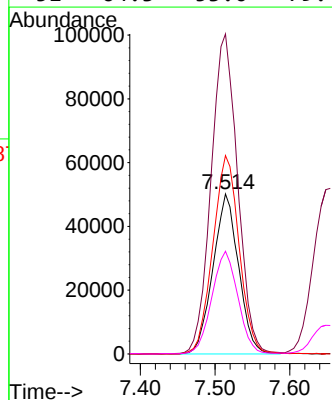
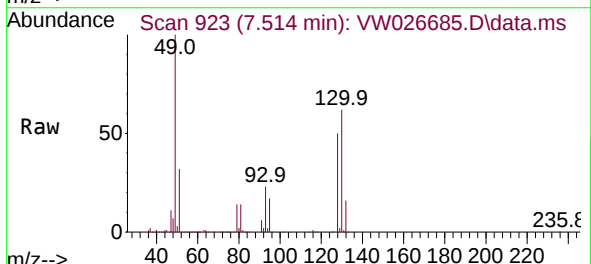
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

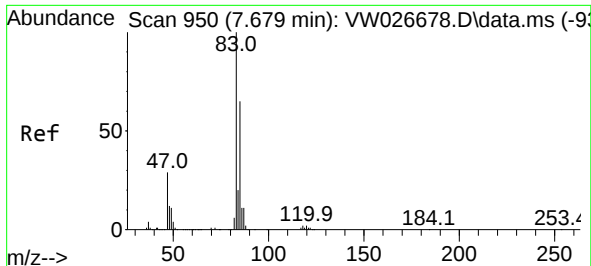
Tgt Ion: 43 Resp: 202193
Ion Ratio Lower Upper
43 100
72 22.7 11.8 35.4



#23
Bromochloromethane
Concen: 23.464 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 128 Resp: 119307
Ion Ratio Lower Upper
128 100
49 200.0 143.1 265.7
130 124.1 91.8 170.4
51 64.3 53.0 79.4

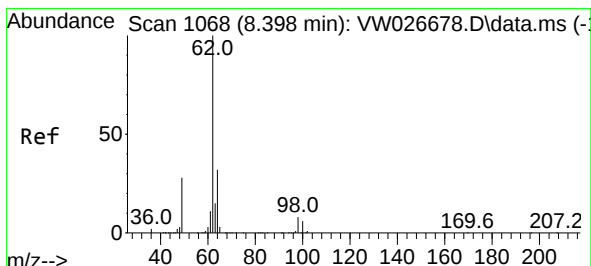
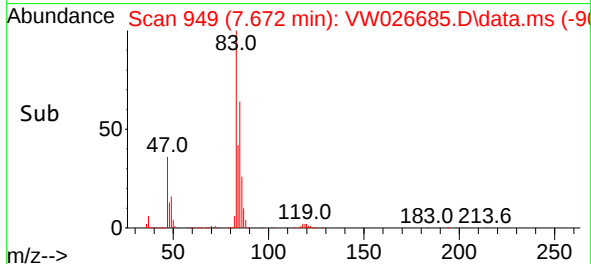
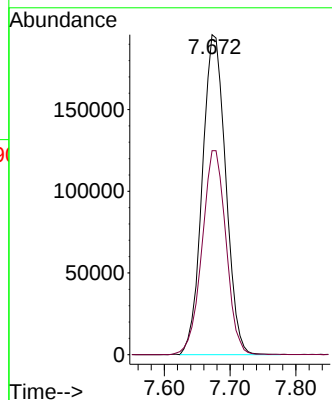
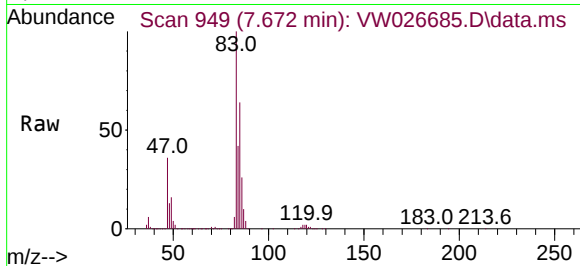




#25
Chloroform
Concen: 22.251 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.007 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

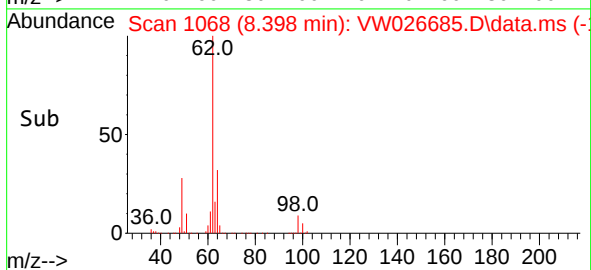
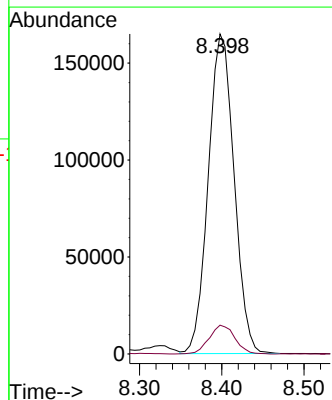
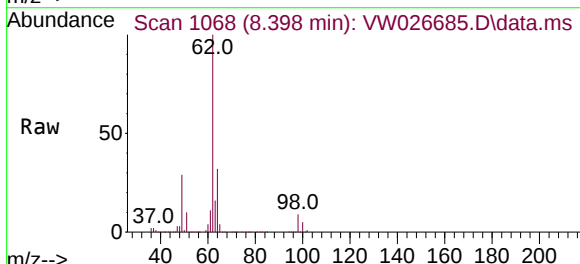
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

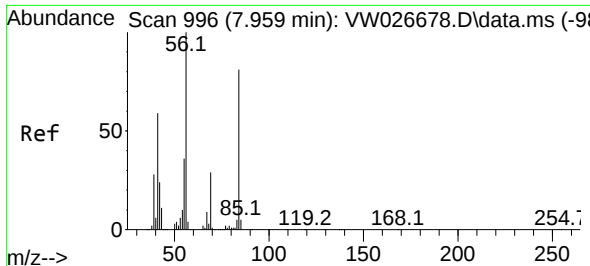
Tgt Ion: 83 Resp: 484517
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 23.672 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 62 Resp: 359602
Ion Ratio Lower Upper
62 100
98 9.0 7.1 10.7

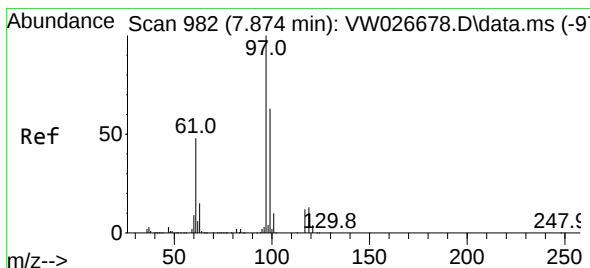
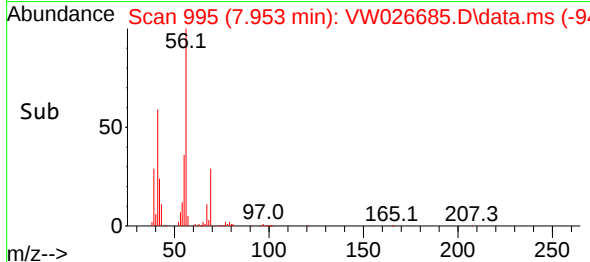
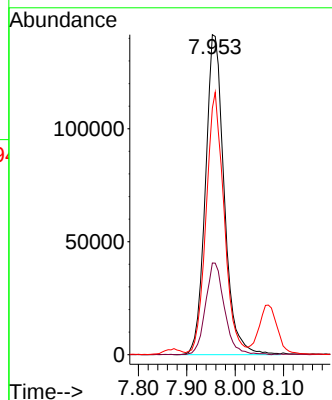
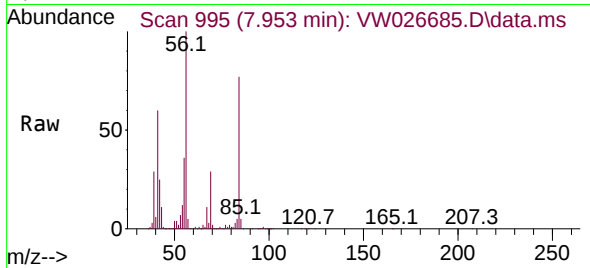




#29
Cyclohexane
Concen: 20.321 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.007 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

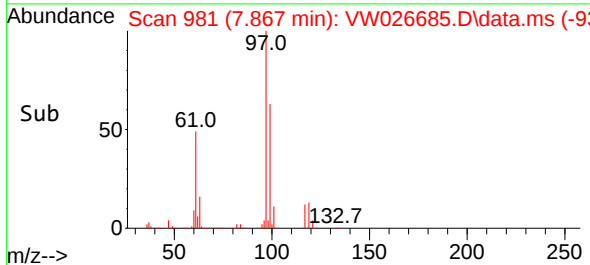
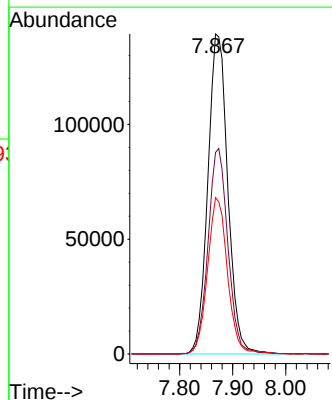
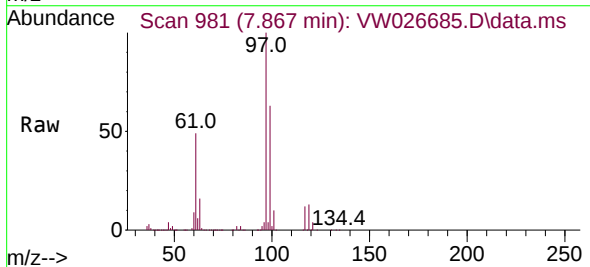
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

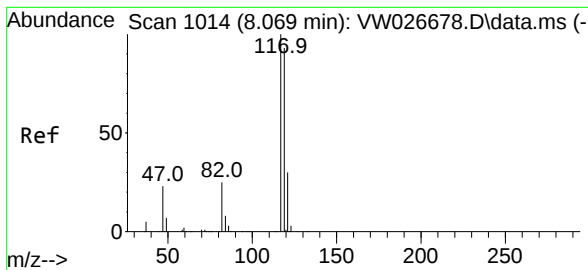
Tgt Ion: 56 Resp: 382165
Ion Ratio Lower Upper
56 100
69 28.5 23.2 34.8
84 78.3 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 22.933 ug/L
RT: 7.867 min Scan# 981
Delta R.T. -0.007 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 97 Resp: 363966
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 47.9 39.2 58.8

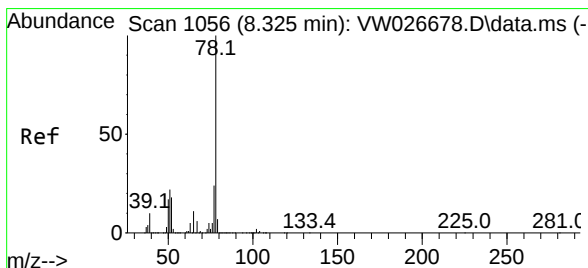
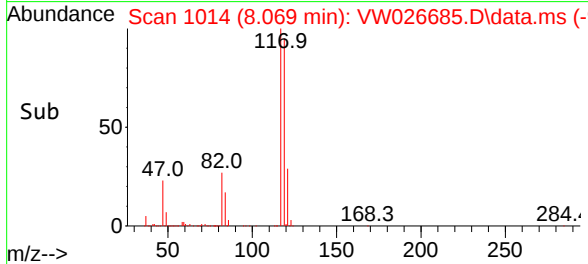
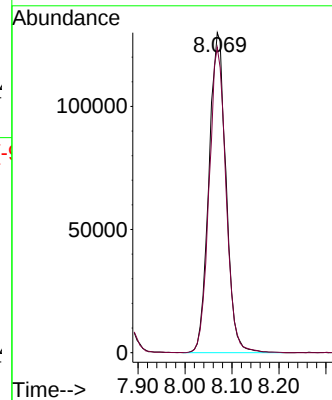
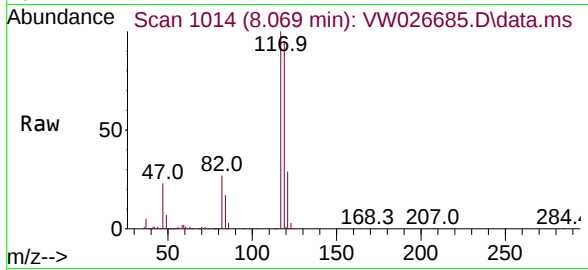




#31
Carbon tetrachloride
Concen: 22.534 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

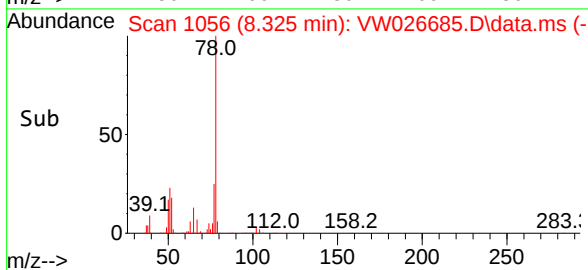
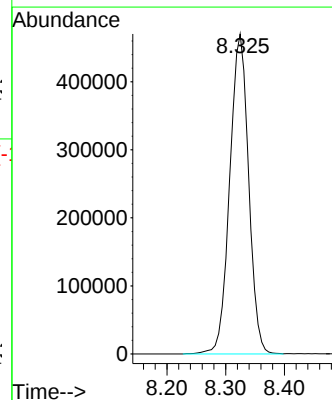
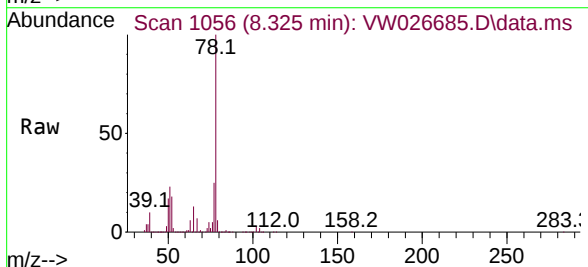
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

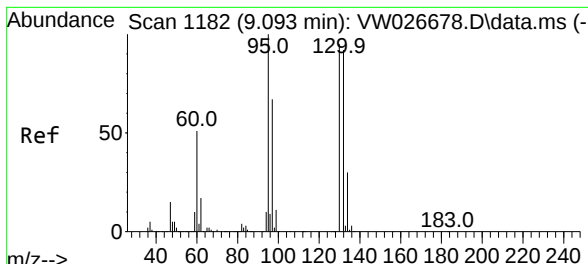
Tgt Ion:117 Resp: 327001
Ion Ratio Lower Upper
117 100
119 94.5 73.0 109.4



#33
Benzene
Concen: 23.701 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 78 Resp: 1049600





#34

Trichloroethene

Concen: 22.215 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

A48H4MS

Tgt Ion: 95 Resp: 250566

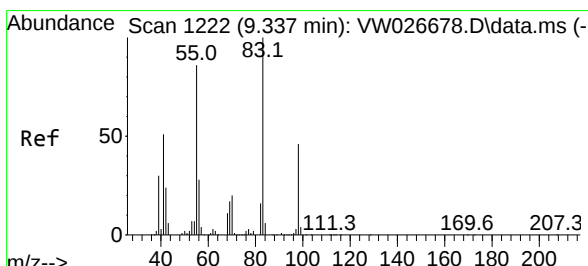
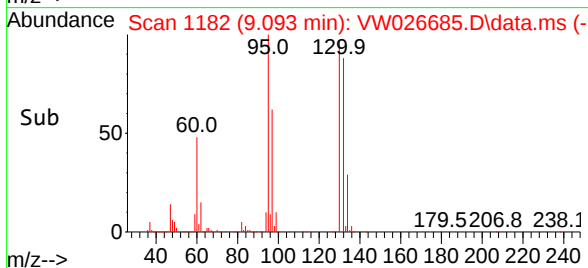
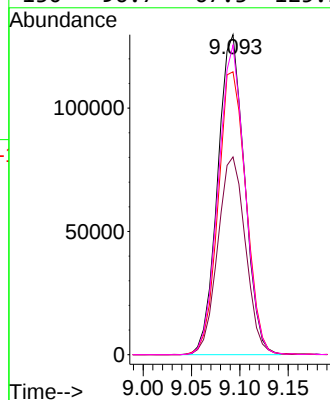
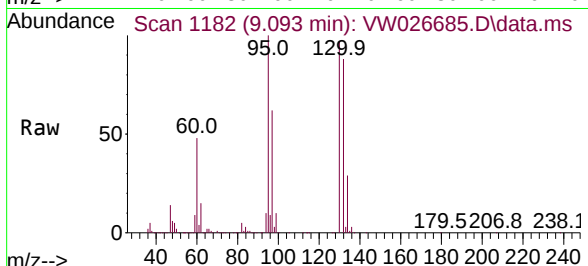
Ion Ratio Lower Upper

95 100

97 61.8 44.6 82.8

132 88.4 66.4 123.2

130 96.7 67.3 125.1



#35

Methylcyclohexane

Concen: 16.852 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

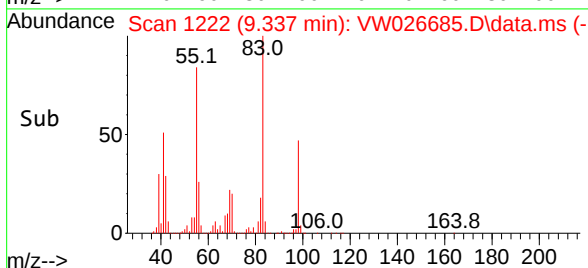
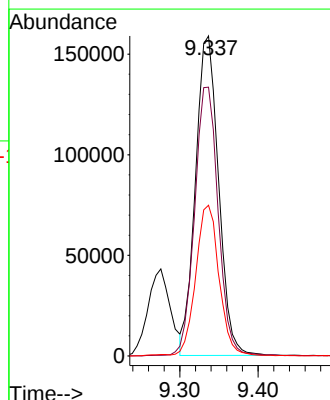
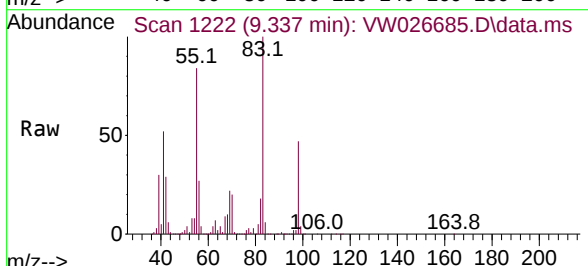
Tgt Ion: 83 Resp: 325159

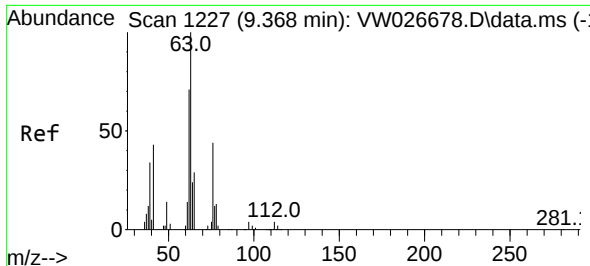
Ion Ratio Lower Upper

83 100

55 86.3 69.3 103.9

98 47.7 37.4 56.0





#37

1,2-Dichloropropane

Concen: 23.906 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

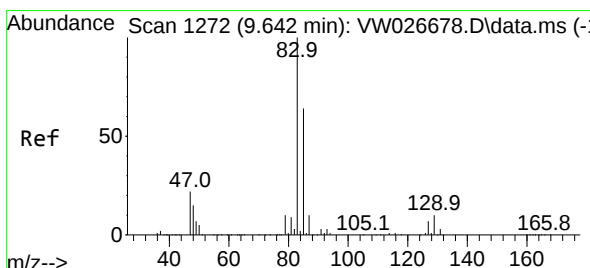
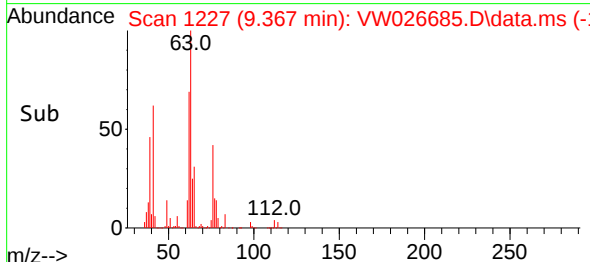
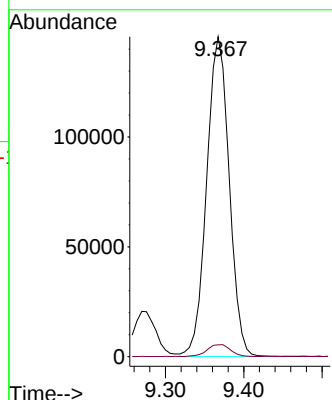
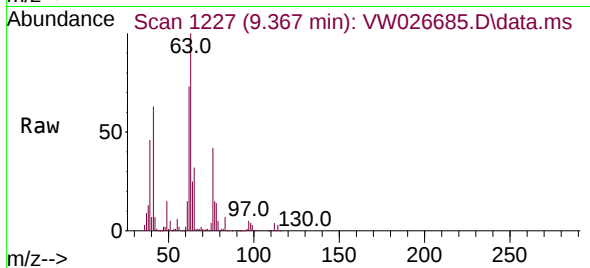
A48H4MS

Tgt Ion: 63 Resp: 289980

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 24.071 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

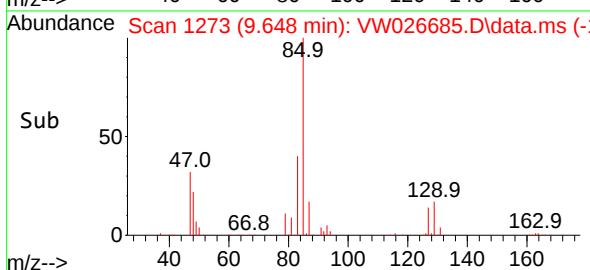
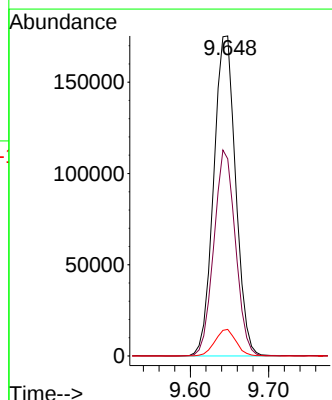
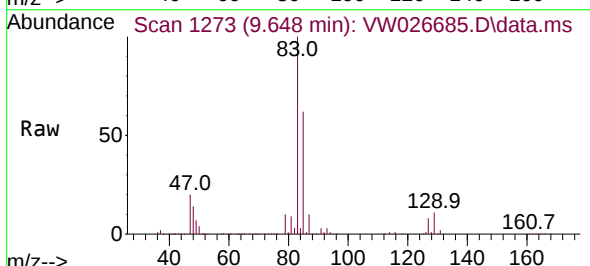
Tgt Ion: 83 Resp: 342528

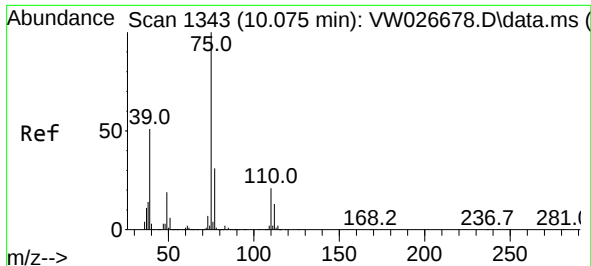
Ion Ratio Lower Upper

83 100

85 61.6 45.4 84.2

127 8.3 6.2 9.2

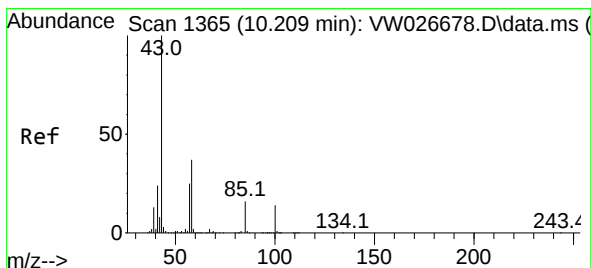
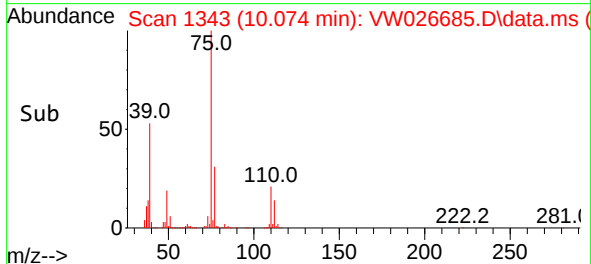
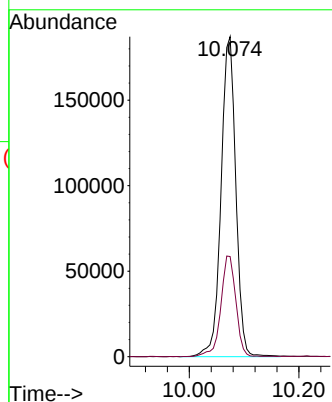
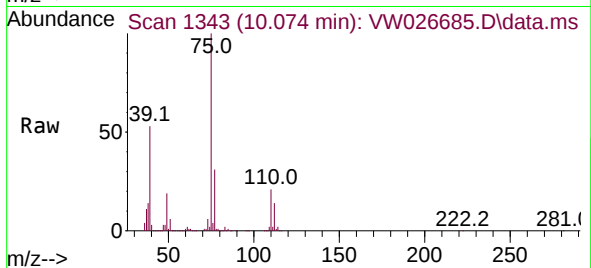




#39
cis-1,3-Dichloropropene
Concen: 20.095 ug/L
RT: 10.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

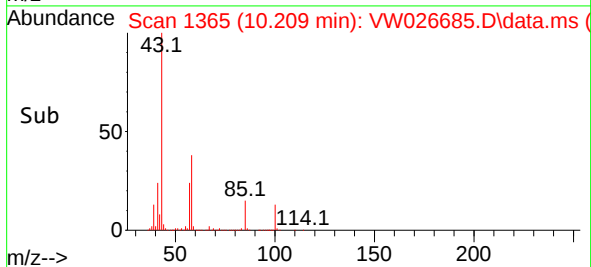
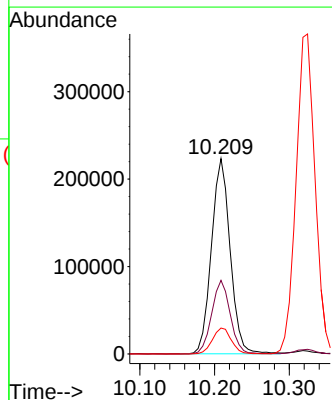
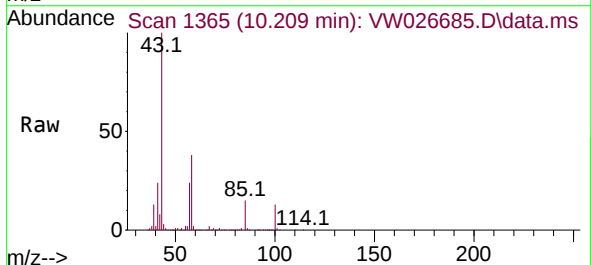
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

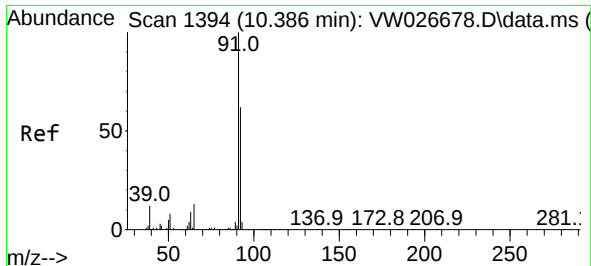
Tgt Ion: 75 Resp: 350660
Ion Ratio Lower Upper
75 100
77 31.3 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 49.393 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 43 Resp: 389725
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8
100 13.5 10.7 16.1

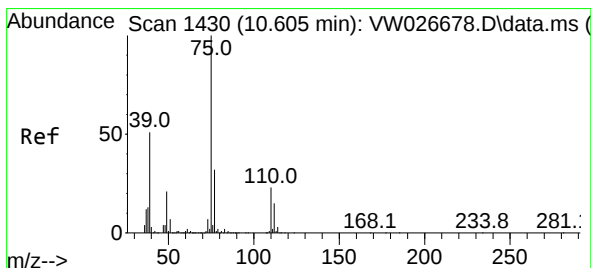
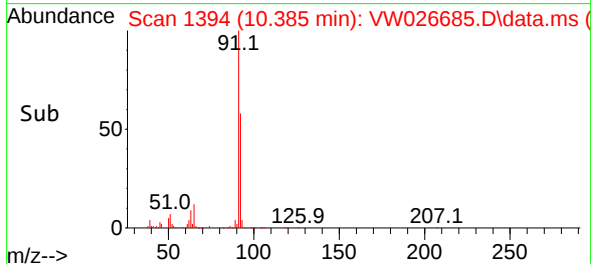
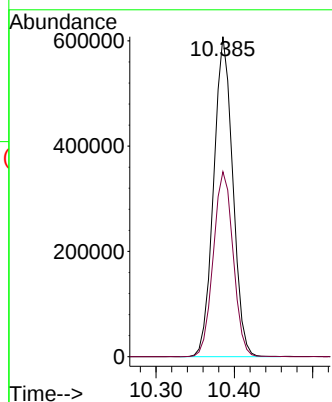
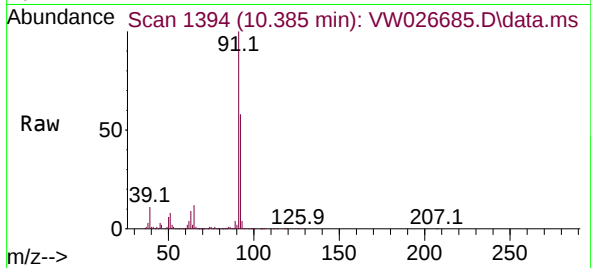




#42
Toluene
Concen: 23.032 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

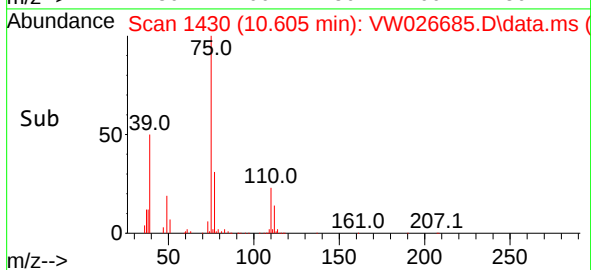
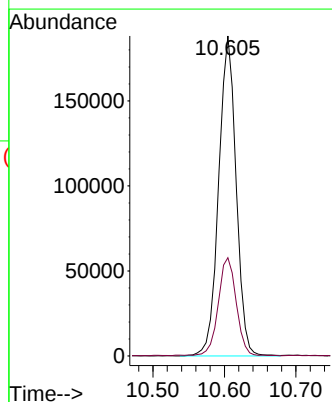
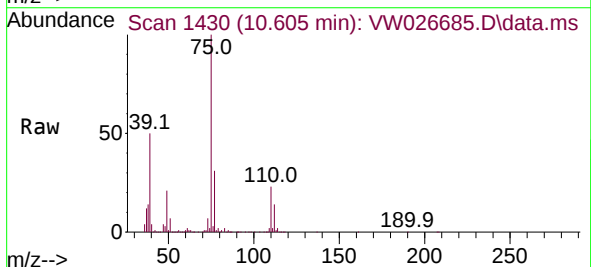
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

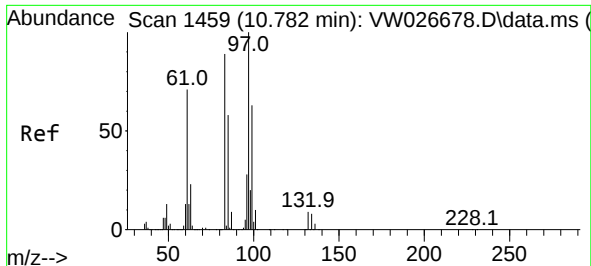
Tgt Ion: 91 Resp: 1031804
Ion Ratio Lower Upper
91 100
92 57.8 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 21.201 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 75 Resp: 318430
Ion Ratio Lower Upper
75 100
77 30.7 21.2 39.4



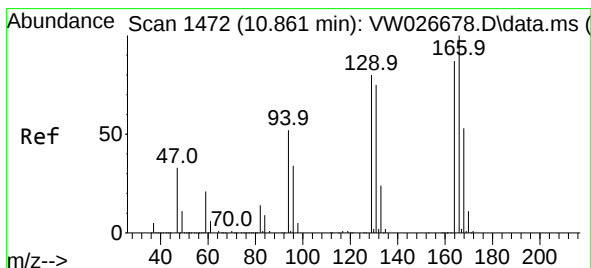
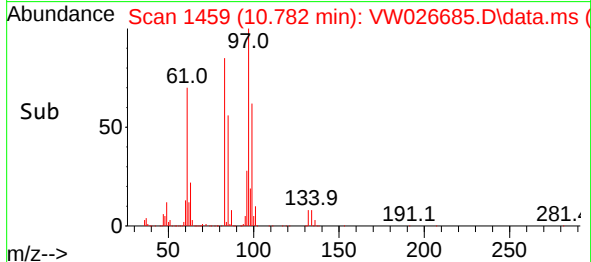
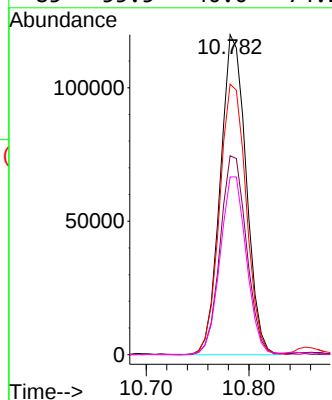
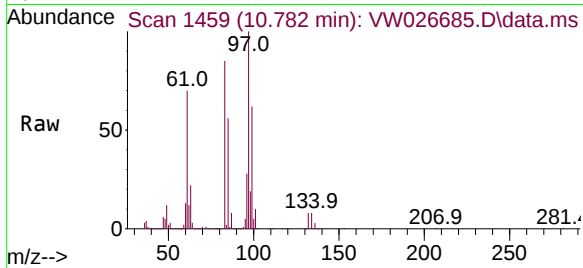


#45
1,1,2-Trichloroethane
Concen: 25.207 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

Tgt Ion: 97 Resp: 209118

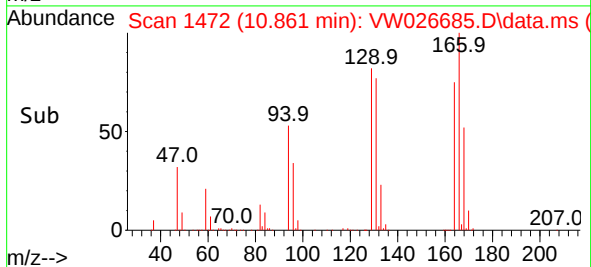
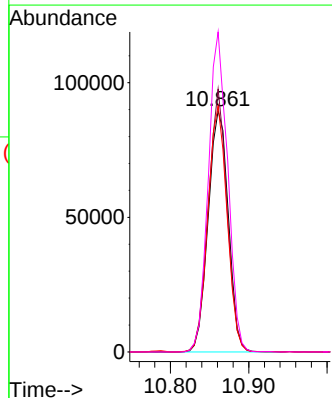
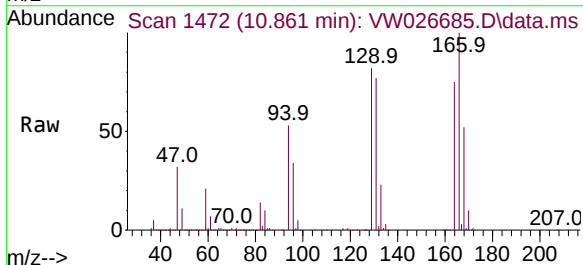
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.2	82.0
83	84.6	61.9	114.9
85	55.5	40.0	74.2

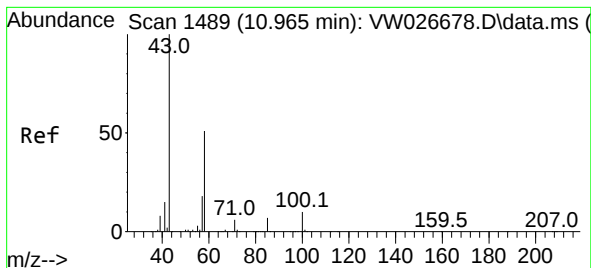


#46
Tetrachloroethene
Concen: 19.429 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 164 Resp: 159207

Ion	Ratio	Lower	Upper
164	100		
129	108.9	68.1	126.5
131	101.9	65.5	121.7
166	132.6	89.1	165.5





#48

2-Hexanone

Concen: 42.675 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

A48H4MS

Tgt Ion: 43 Resp: 229116

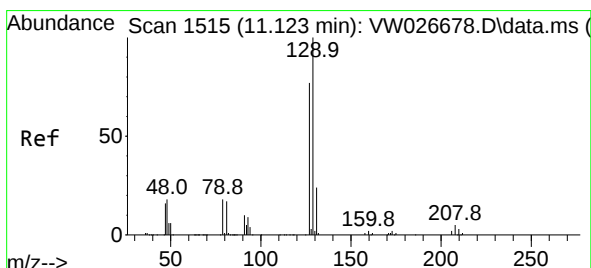
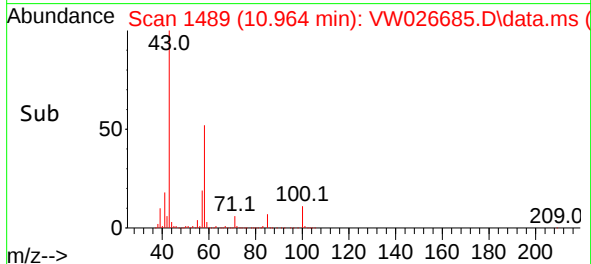
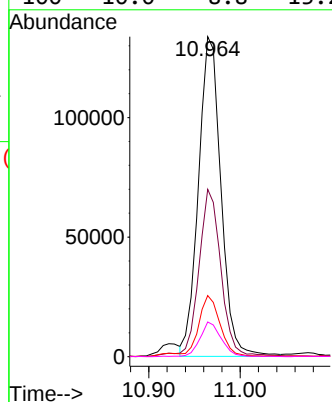
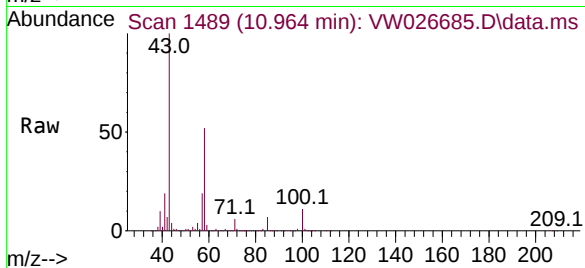
Ion Ratio Lower Upper

43 100

58 50.8 41.1 61.7

57 17.7 14.3 21.5

100 10.0 8.8 13.2



#49

Dibromochloromethane

Concen: 24.573 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW026685.D

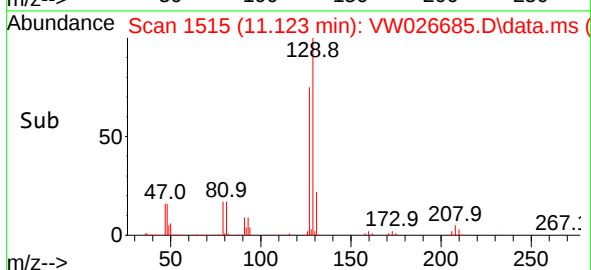
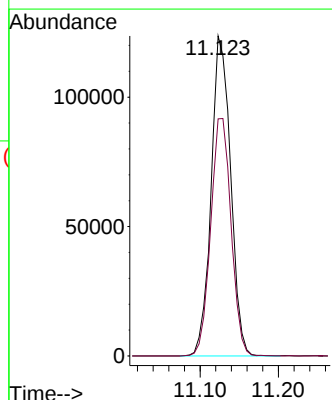
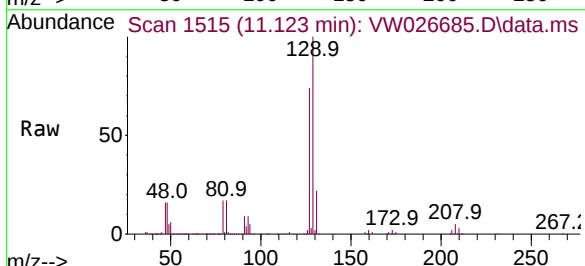
Acq: 10 Aug 2023 18:31

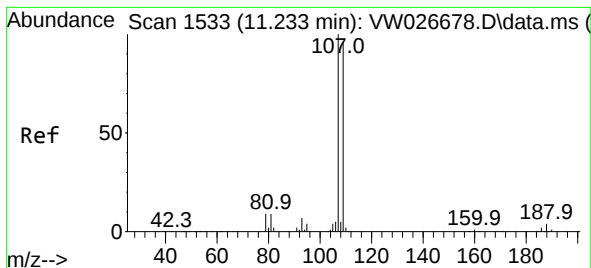
Tgt Ion:129 Resp: 213208

Ion Ratio Lower Upper

129 100

127 74.1 56.6 105.2

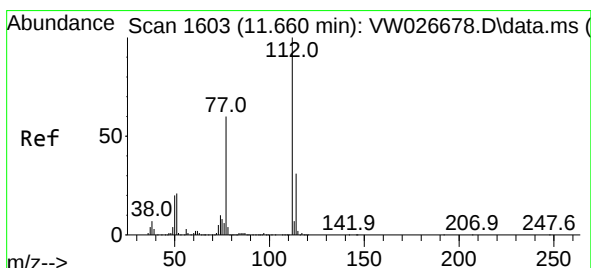
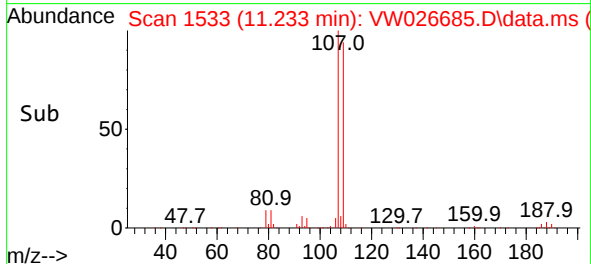
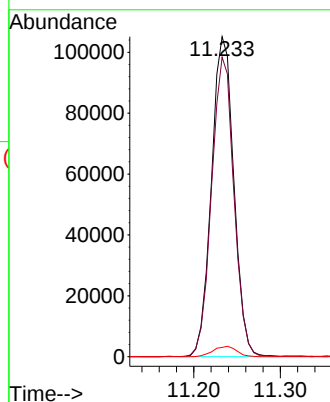
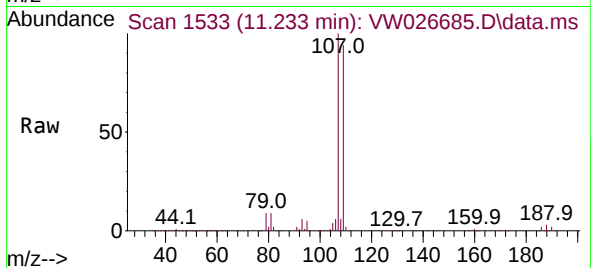




#50
1,2-Dibromoethane
Concen: 24.215 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

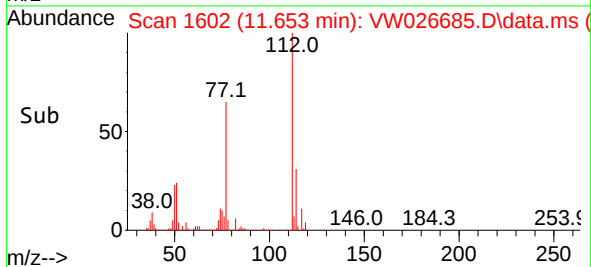
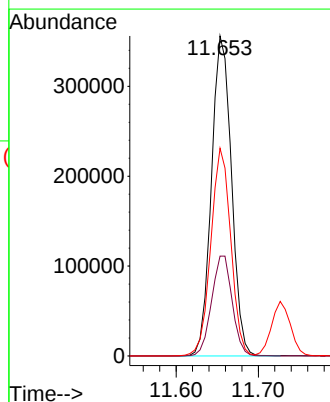
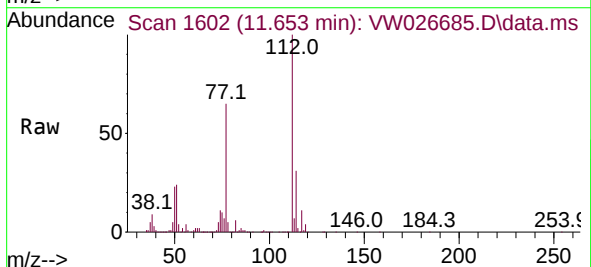
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

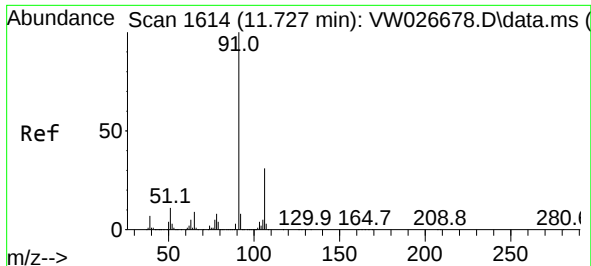
Tgt Ion:107 Resp: 188488
Ion Ratio Lower Upper
107 100
109 93.6 68.8 127.8
188 2.9 2.7 4.1



#51
Chlorobenzene
Concen: 21.265 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.007 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion:112 Resp: 601740
Ion Ratio Lower Upper
112 100
114 31.2 22.4 41.6
77 64.9 50.2 75.2

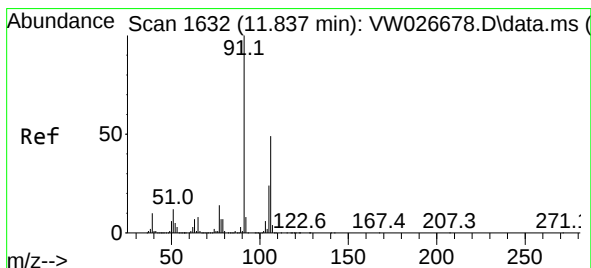
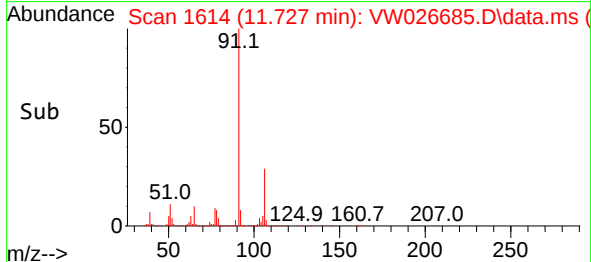
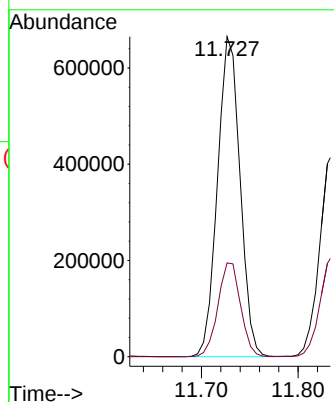
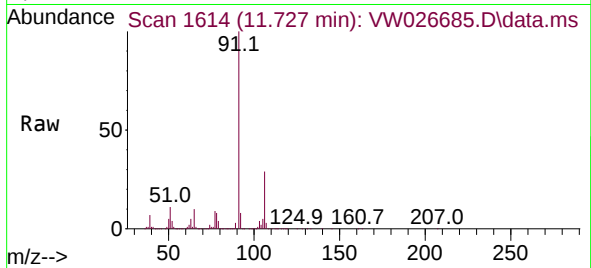




#52
Ethylbenzene
Concen: 21.428 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

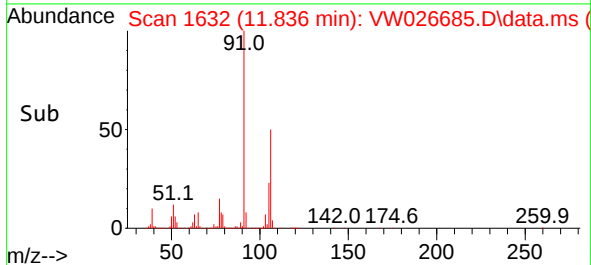
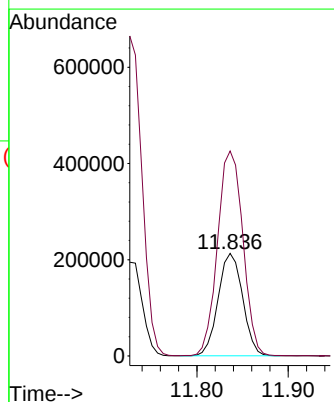
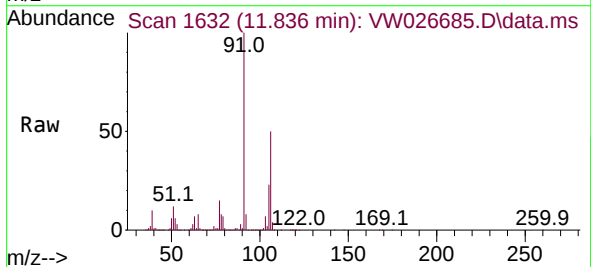
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

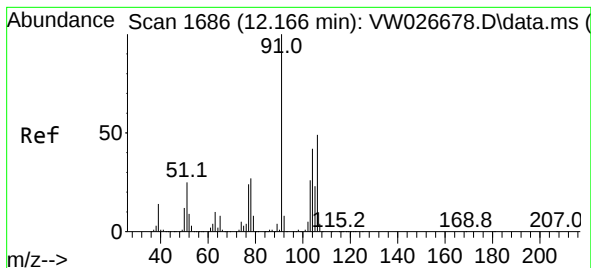
Tgt Ion: 91 Resp: 1076510
Ion Ratio Lower Upper
91 100
106 29.3 20.2 37.6



#53
m,p-Xylene
Concen: 21.314 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 106 Resp: 396679
Ion Ratio Lower Upper
106 100
91 199.8 152.9 284.1

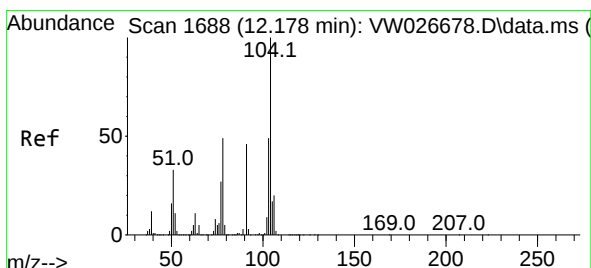
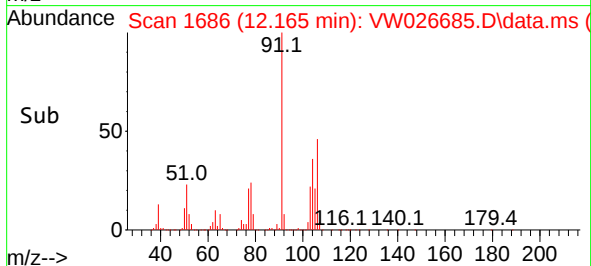
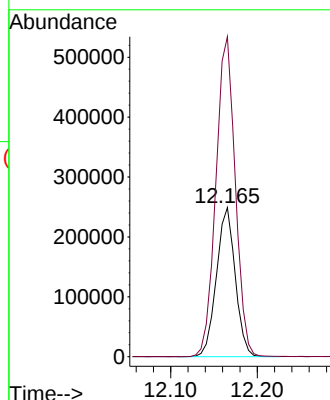
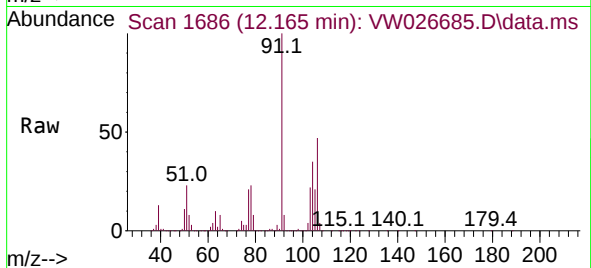




#54
o-Xylene
Concen: 21.603 ug/L
RT: 12.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

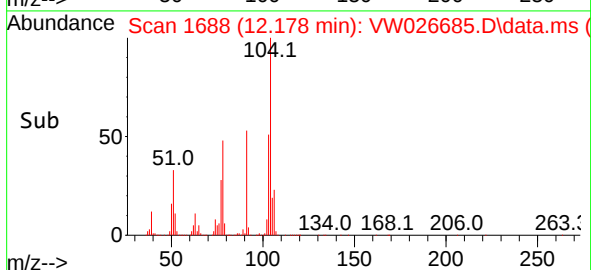
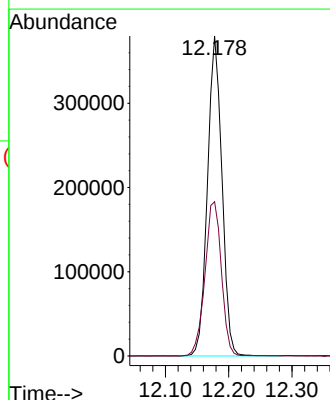
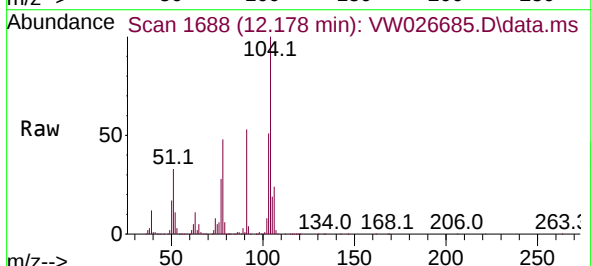
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

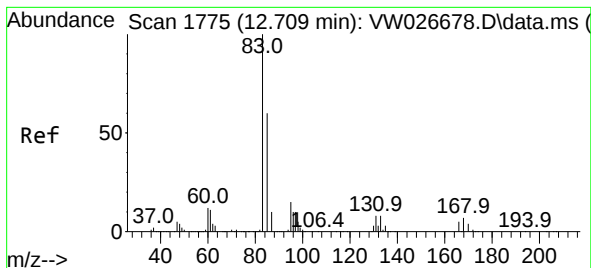
Tgt Ion:106 Resp: 375242
Ion Ratio Lower Upper
106 100
91 214.6 149.9 278.3



#55
Styrene
Concen: 20.029 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion:104 Resp: 604893
Ion Ratio Lower Upper
104 100
78 48.2 33.0 61.2

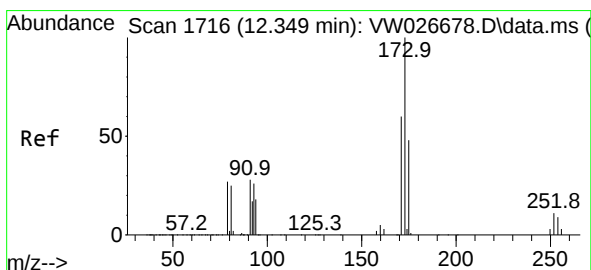
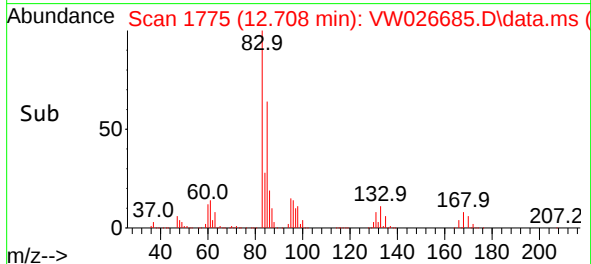
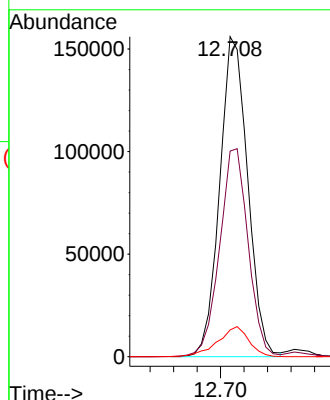
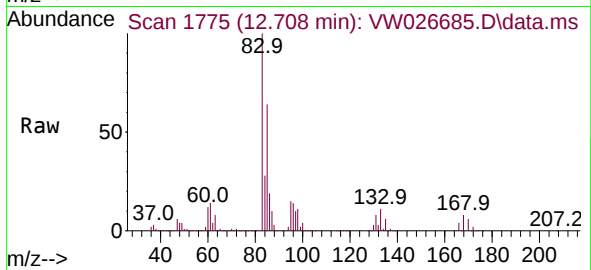




#57
1,1,2,2-Tetrachloroethane
Concen: 24.593 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

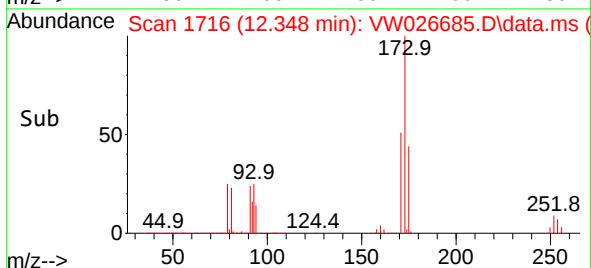
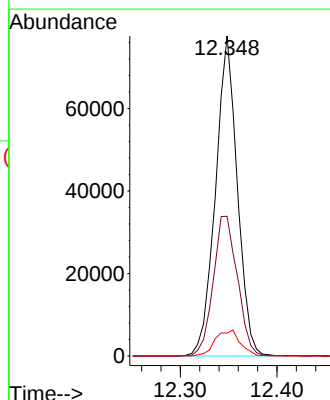
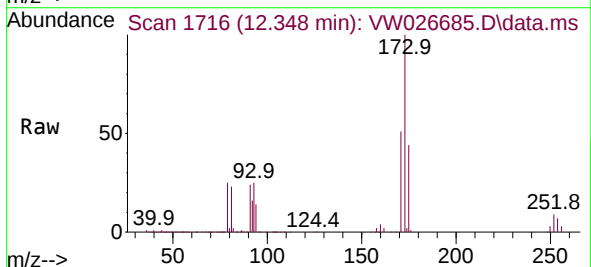
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

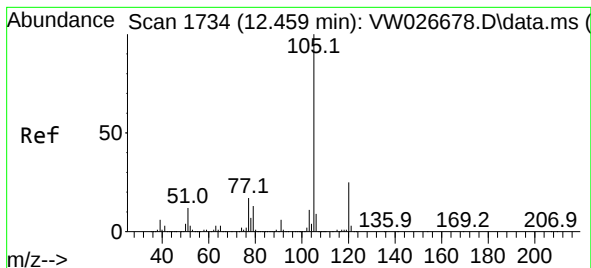
Tgt Ion: 83 Resp: 258384
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
131 8.4 7.4 11.0



#59
Bromoform
Concen: 28.809 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion: 173 Resp: 121134
Ion Ratio Lower Upper
173 100
175 48.5 36.6 55.0
254 9.3 7.8 11.6





#60

Isopropylbenzene

Concen: 23.718 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

A48H4MS

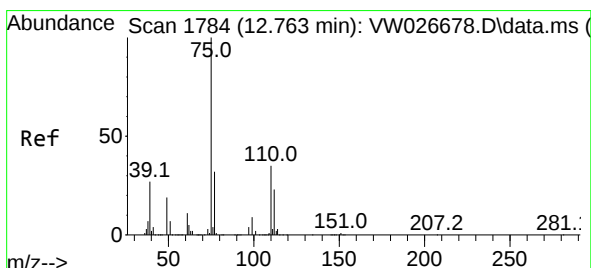
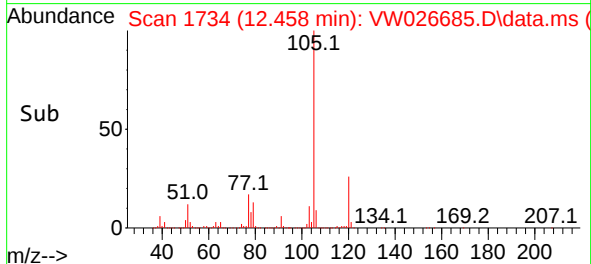
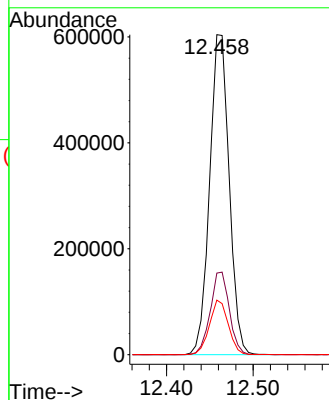
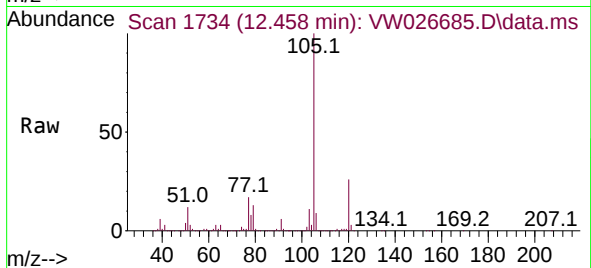
Tgt Ion:105 Resp: 946527

Ion Ratio Lower Upper

105 100

120 25.2 21.0 31.6

77 16.5 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 30.516 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

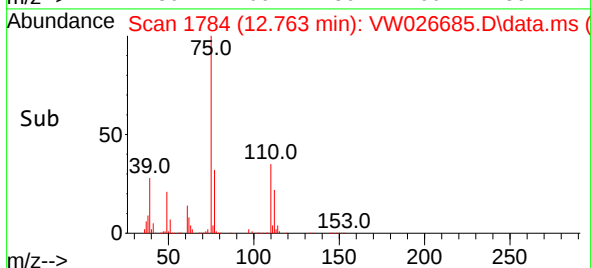
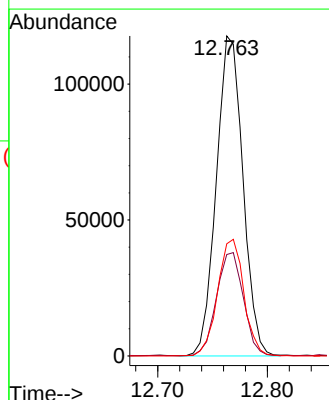
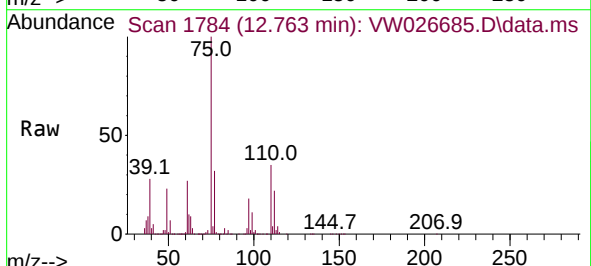
Tgt Ion: 75 Resp: 198688

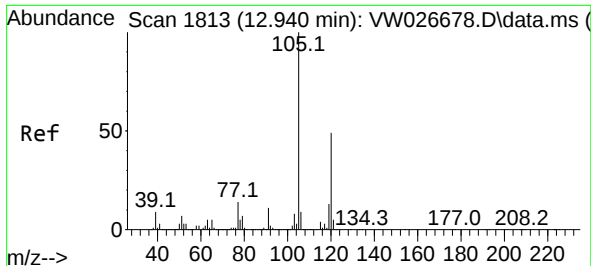
Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

110 35.9 29.9 44.9

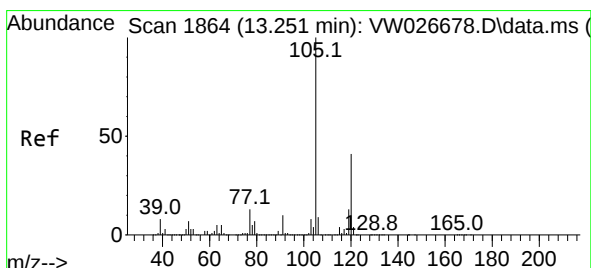
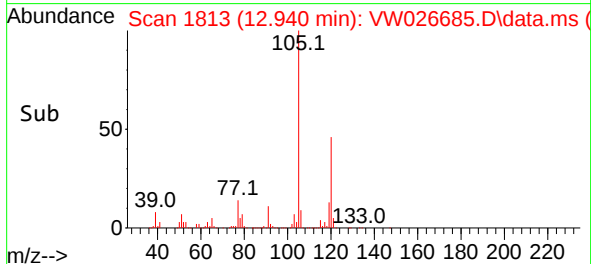
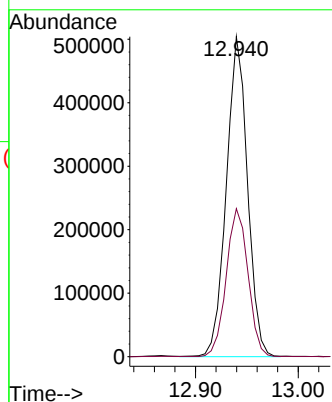
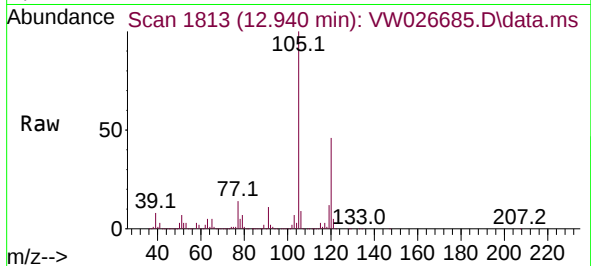




#62
1,3,5-Trimethylbenzene
Concen: 22.855 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

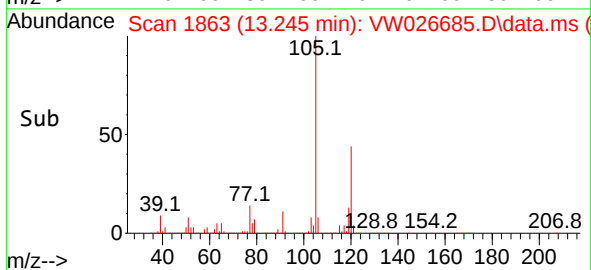
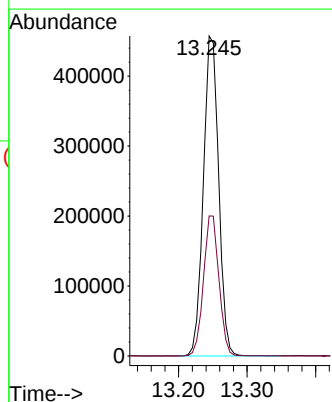
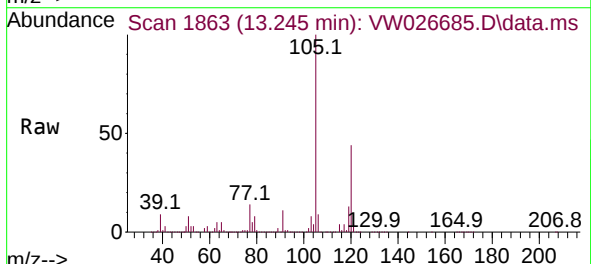
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

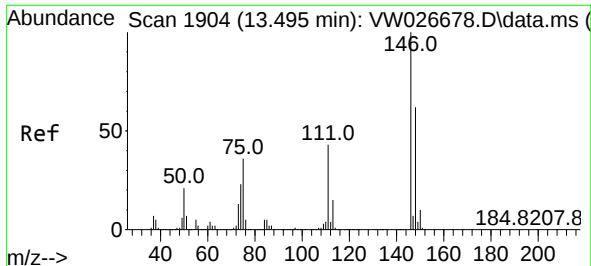
Tgt Ion:105 Resp: 720927
Ion Ratio Lower Upper
105 100
120 47.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 23.025 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.007 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion:105 Resp: 711690
Ion Ratio Lower Upper
105 100
120 44.3 36.2 54.4

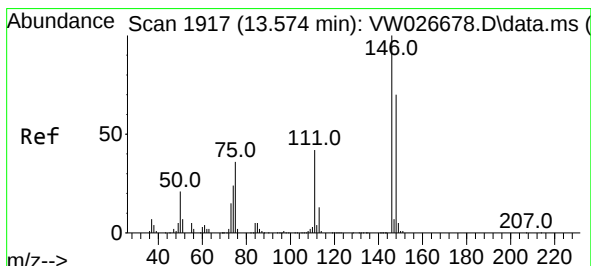
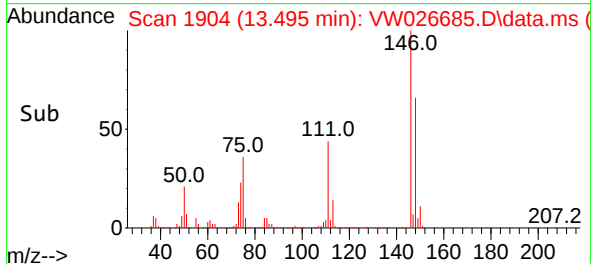
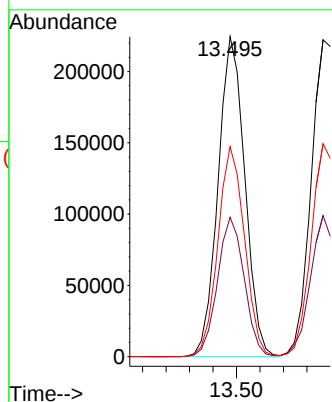
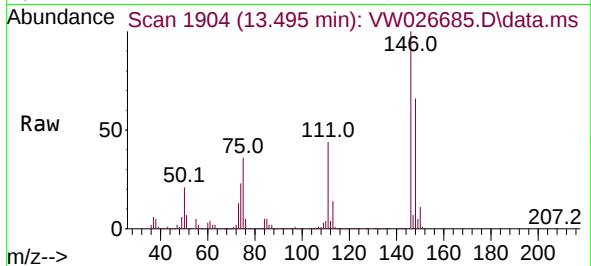




#64
1,3-Dichlorobenzene
Concen: 20.465 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

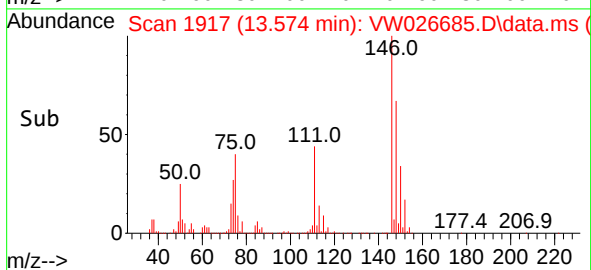
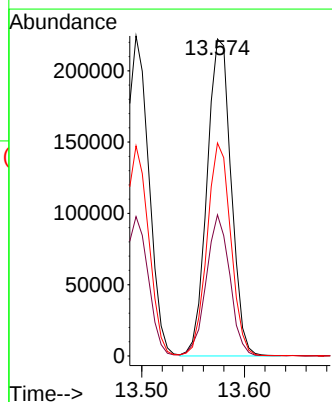
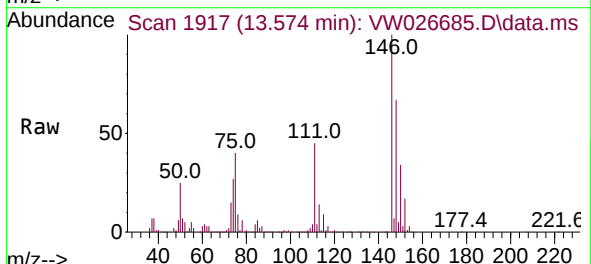
Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

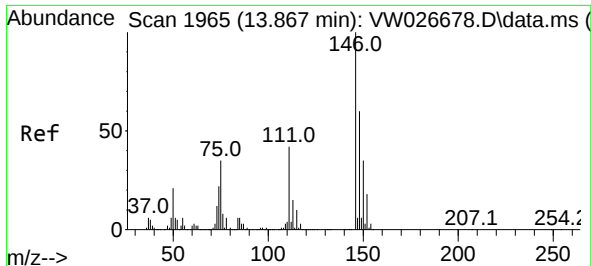
Tgt Ion:146 Resp: 355186
Ion Ratio Lower Upper
146 100
111 43.5 29.1 54.1
148 65.6 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 20.082 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion:146 Resp: 363726
Ion Ratio Lower Upper
146 100
111 44.5 28.3 52.7
148 67.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 21.430 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

A48H4MS

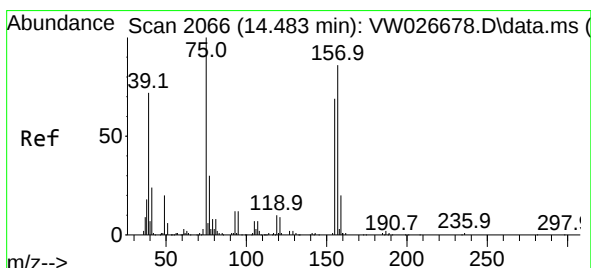
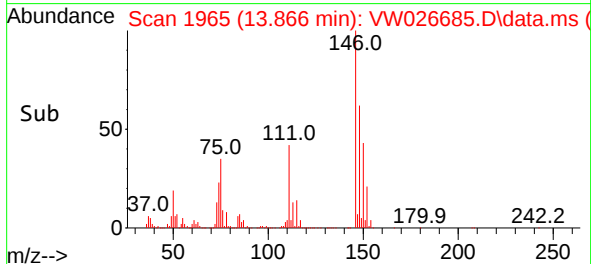
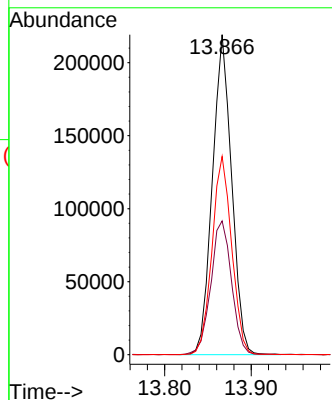
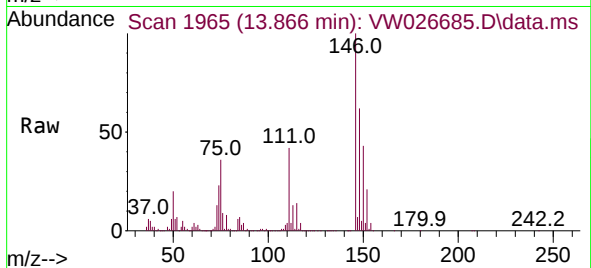
Tgt Ion:146 Resp: 338219

Ion Ratio Lower Upper

146 100

111 41.8 34.6 52.0

148 62.0 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 27.075 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.007 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

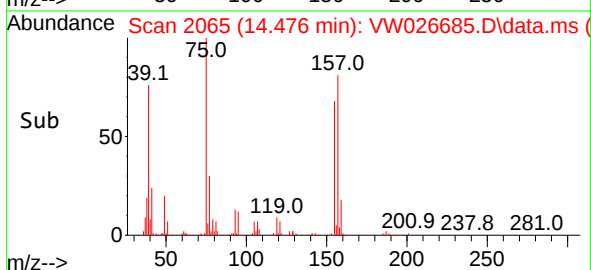
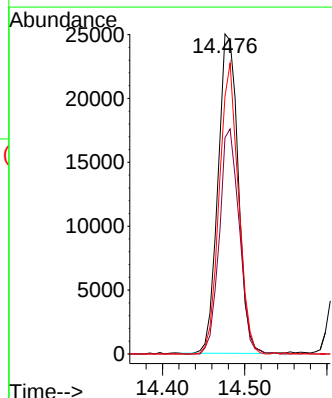
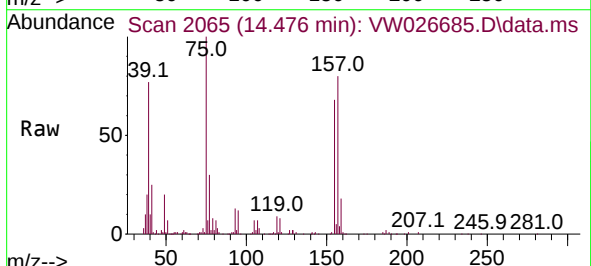
Tgt Ion: 75 Resp: 42499

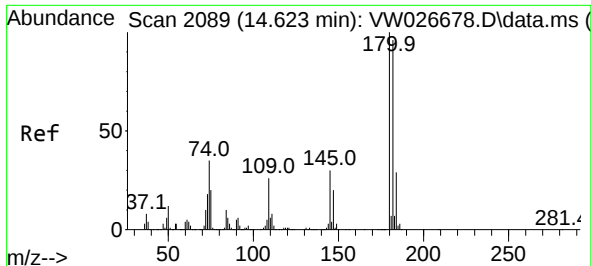
Ion Ratio Lower Upper

75 100

155 67.6 55.0 82.6

157 80.5 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 14.120 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

A48H4MS

Tgt Ion:180 Resp: 165561

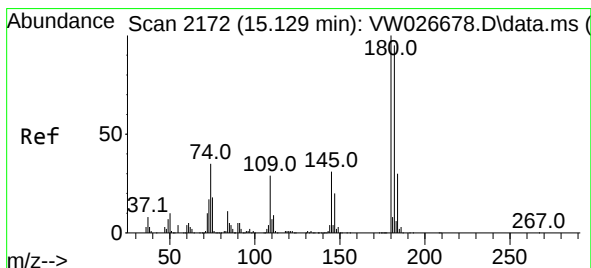
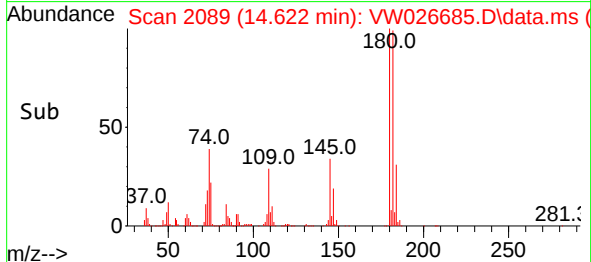
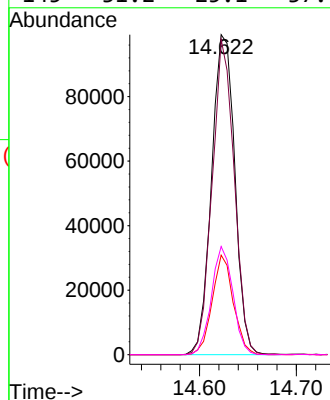
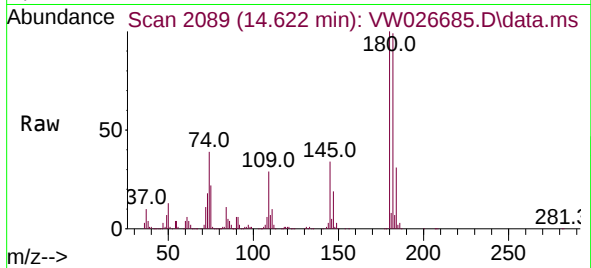
Ion Ratio Lower Upper

180 100

182 93.5 75.2 112.8

184 28.4 23.8 35.8

145 31.2 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 12.182 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026685.D

Acq: 10 Aug 2023 18:31

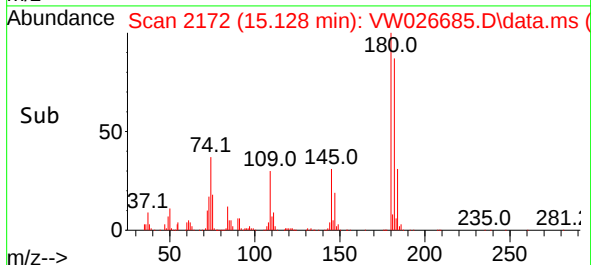
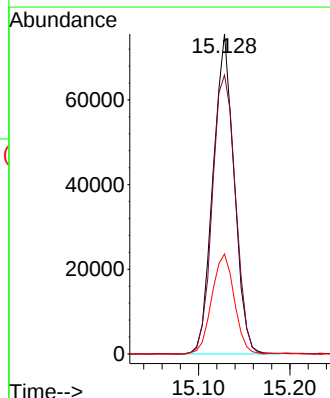
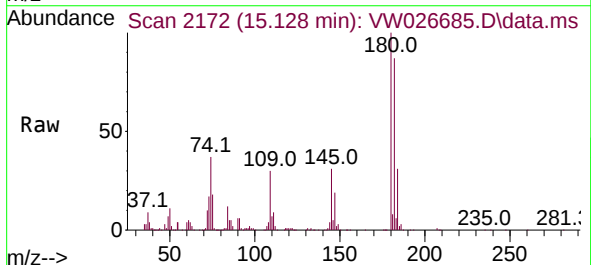
Tgt Ion:180 Resp: 121107

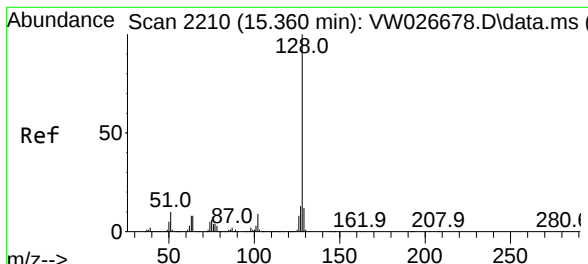
Ion Ratio Lower Upper

180 100

182 95.8 72.5 108.7

145 33.3 24.7 37.1



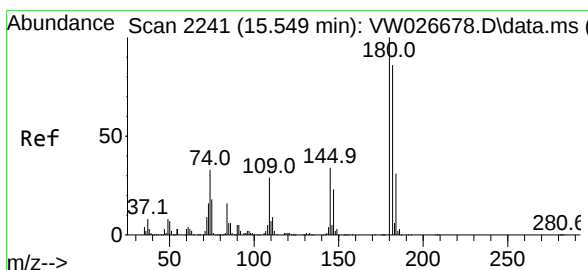
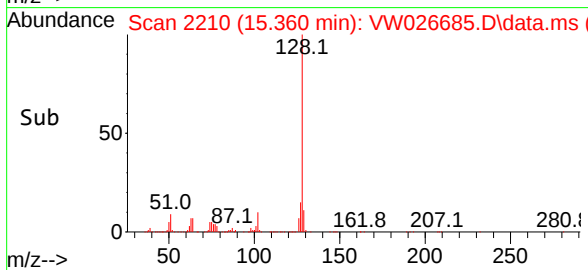
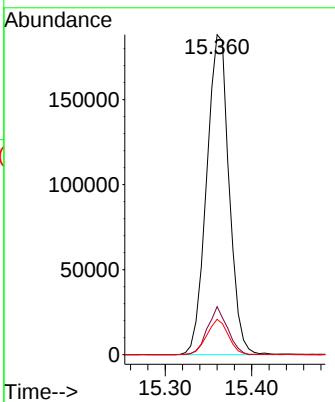
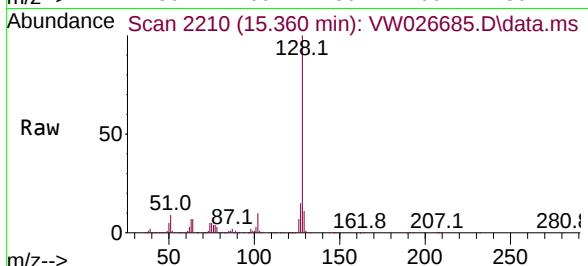


#71
Naphthalene
Concen: 17.870 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Instrument :
MSVOA_W
ClientSampleId :
A48H4MS

Tgt Ion:128 Resp: 338886

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.6	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 12.387 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026685.D
Acq: 10 Aug 2023 18:31

Tgt Ion:180 Resp: 111074

Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.6	112.0
145	33.8	27.0	40.6

