

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
 Data File : VW025815.D
 Acq On : 03 May 2023 10:33
 Operator : SY/MD
 Sample : 02549-20MS
 Misc : 5.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCJ7MS

Quant Time: May 04 01:23:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 01:22:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	592369	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	549112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	275571	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	228457	27.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.880%
7) Chloroethane-d5	2.899	69	167455	26.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.640%
11) 1,1-Dichloroethene-d2	4.027	65	108985	25.928	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.720%
21) 2-Butanone-d5	7.075	46	179779	64.784	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.560%
24) Chloroform-d	7.648	84	440511	25.789	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.160%
26) 1,2-Dichloroethane-d4	8.307	65	259381	26.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	8.276	84	877928	24.468	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.880%
36) 1,2-Dichloropropane-d6	9.270	67	286840	24.986	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	10.325	98	791973	24.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	10.575	79	121327	26.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.280%
47) 2-Hexanone-d5	10.922	63	125569	64.146	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	255661	29.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	243488	24.238	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	146000	22.061	ug/L	94
3) Chloromethane	2.223	50	222020	22.753	ug/L	99
5) Vinyl chloride	2.375	62	239372	23.700	ug/L	99
6) Bromomethane	2.789	94	124618	22.685	ug/L	94
8) Chloroethane	2.936	64	135200	23.542	ug/L	99
9) Trichlorofluoromethane	3.265	101	170753	22.402	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	174641	21.067	ug/L	97
12) 1,1-Dichloroethene	4.045	96	177571	22.414	ug/L	95
13) Acetone	4.119	43	457574	185.957	ug/L	100
14) Carbon disulfide	4.393	76	602916	22.504	ug/L	100
15) Methyl Acetate	4.667	43	138777	28.619	ug/L	99
16) Methylene chloride	4.923	84	208667	17.081	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	190388	22.029	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	319807	24.380	ug/L	99
19) 1,1-Dichloroethane	6.216	63	398701	22.453	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	208414	22.477	ug/L	99
22) 2-Butanone	7.167	43	209473	61.652	ug/L	99
23) Bromochloromethane	7.514	128	92302	23.498	ug/L	98
25) Chloroform	7.679	83	370345	22.692	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

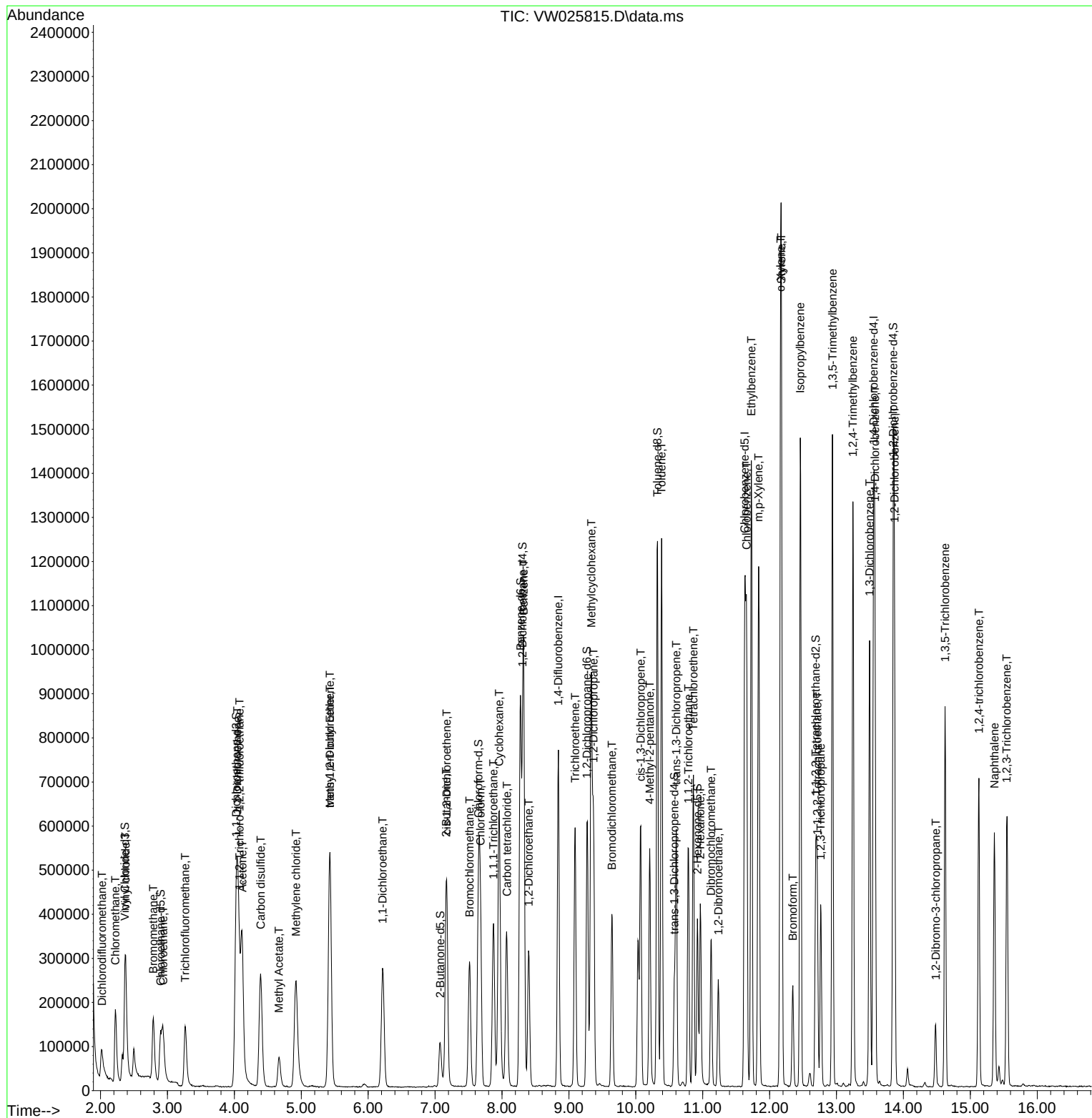
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	280384	24.191	ug/L	99
29) Cyclohexane	7.959	56	365313	21.468	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	293115	21.827	ug/L	99
31) Carbon tetrachloride	8.075	117	258837	21.417	ug/L	99
33) Benzene	8.325	78	827903	21.792	ug/L	100
34) Trichloroethene	9.093	95	205815	21.112	ug/L	97
35) Methylcyclohexane	9.337	83	349585	20.162	ug/L	99
37) 1,2-Dichloropropane	9.368	63	234496	22.529	ug/L	99
38) Bromodichloromethane	9.642	83	267635	22.413	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	341549	22.376	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	376673	55.598	ug/L	99
42) Toluene	10.386	91	858216	22.109	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	299438	23.676	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	166241	23.877	ug/L	99
46) Tetrachloroethene	10.861	164	147668	21.531	ug/L	93
48) 2-Hexanone	10.965	43	269979	55.626	ug/L	99
49) Dibromochloromethane	11.123	129	168626	23.394	ug/L	97
50) 1,2-Dibromoethane	11.233	107	159104	24.788	ug/L	97
51) Chlorobenzene	11.654	112	514112	21.379	ug/L	99
52) Ethylbenzene	11.727	91	960834	22.005	ug/L	99
53) m,p-Xylene	11.837	106	351919	21.898	ug/L	96
54) o-Xylene	12.166	106	336687	22.227	ug/L	93
55) Styrene	12.178	104	588836	22.712	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	226957	26.124	ug/L	94
59) Bromoform	12.349	173	101076	24.763	ug/L	99
60) Isopropylbenzene	12.458	105	888417	21.209	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	168227	25.831	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	731708	22.054	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	678462	22.160	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	385727	21.391	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	387081	21.247	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	357956	22.259	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	37520	24.844	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	232670	19.438	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	202085	20.153	ug/L	99
71) Naphthalene	15.360	128	462304	24.426	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	195273	21.947	ug/L	98

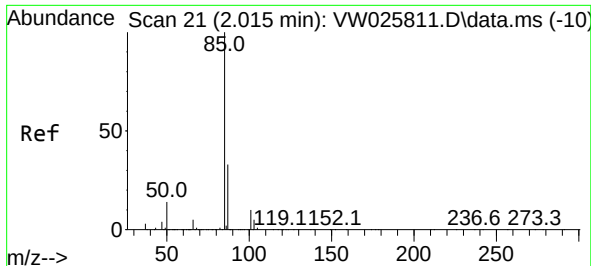
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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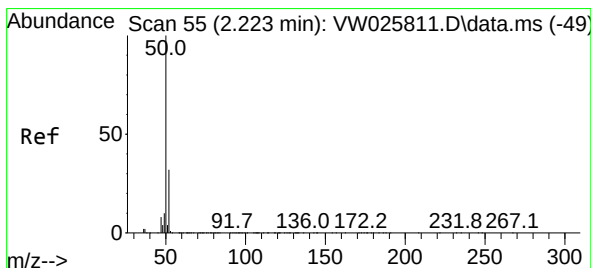
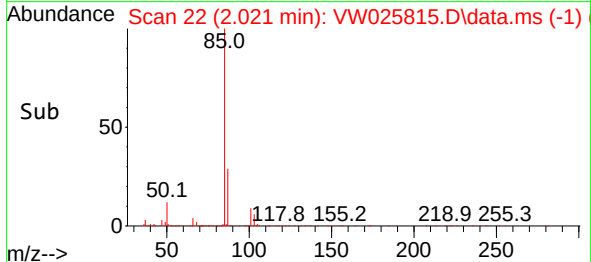
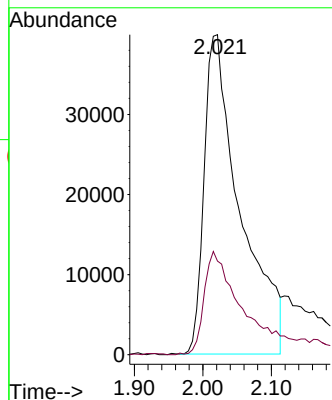
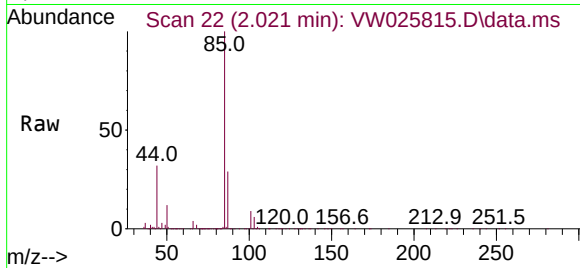




#2
 Dichlorodifluoromethane
 Concen: 22.061 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025815.D
 Acq: 03 May 2023 10:33

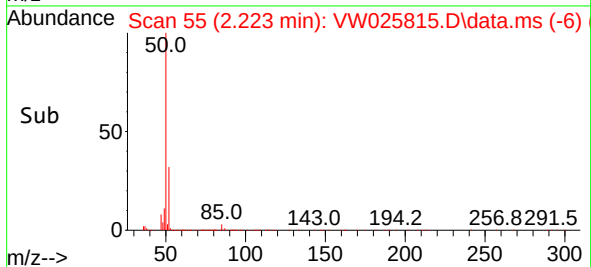
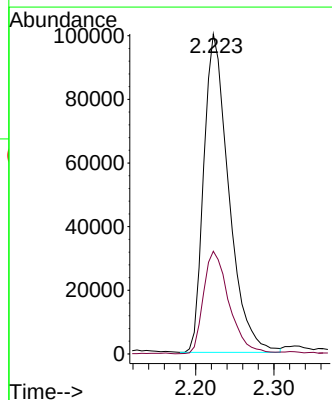
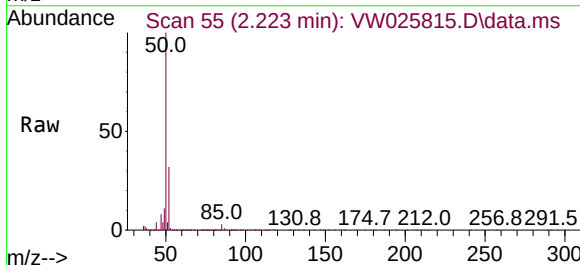
Instrument :
 MSVOA_W
 ClientSampleId :
 DCCJ7MS

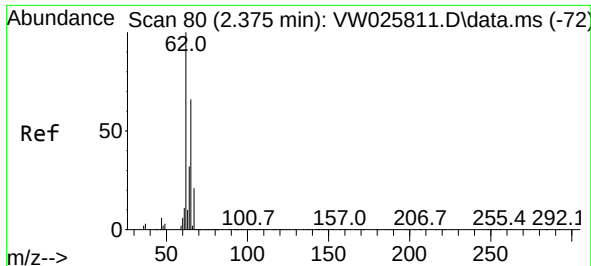
Tgt Ion: 85 Resp: 146000
 Ion Ratio Lower Upper
 85 100
 87 34.3 24.7 37.1



#3
 Chloromethane
 Concen: 22.753 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025815.D
 Acq: 03 May 2023 10:33

Tgt Ion: 50 Resp: 222020
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.1 41.1

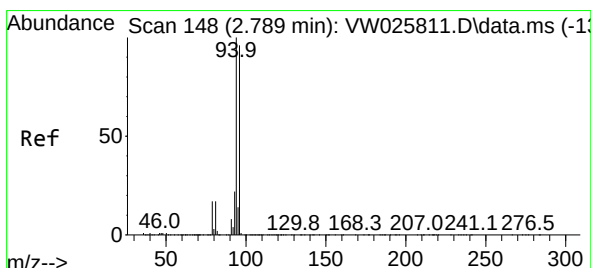
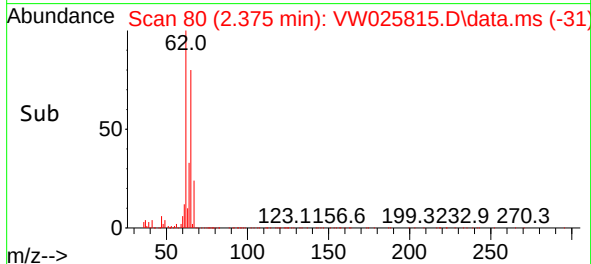
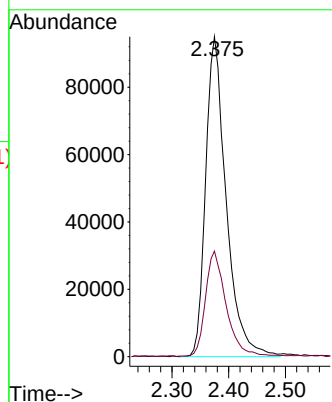
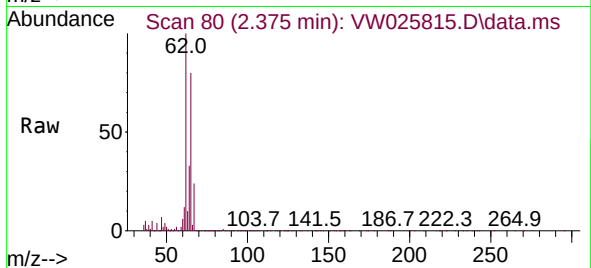




#5
 Vinyl chloride
 Concen: 23.700 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025815.D
 Acq: 03 May 2023 10:33

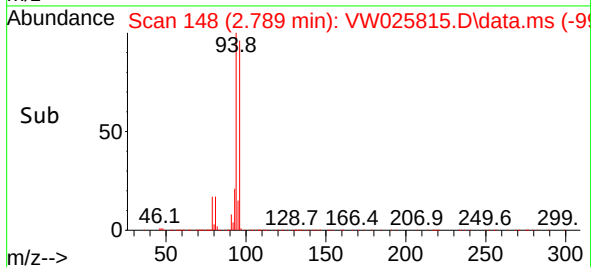
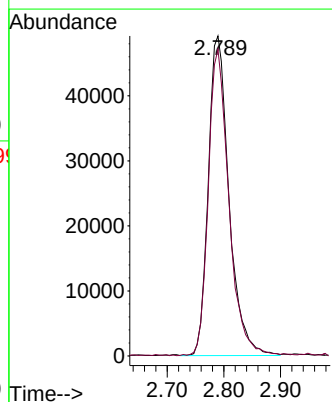
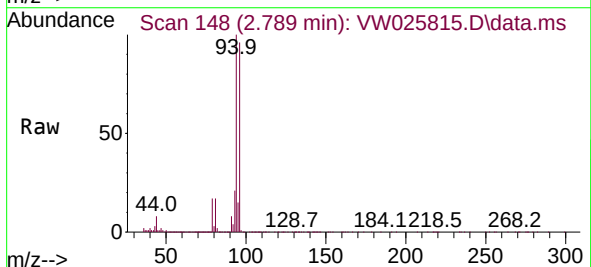
Instrument :
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 ClientSampleId :
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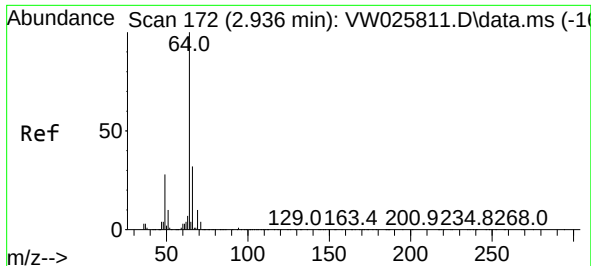
Tgt Ion: 62 Resp: 239372
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.3



#6
 Bromomethane
 Concen: 22.685 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025815.D
 Acq: 03 May 2023 10:33

Tgt Ion: 94 Resp: 124618
 Ion Ratio Lower Upper
 94 100
 96 95.9 63.1 117.1

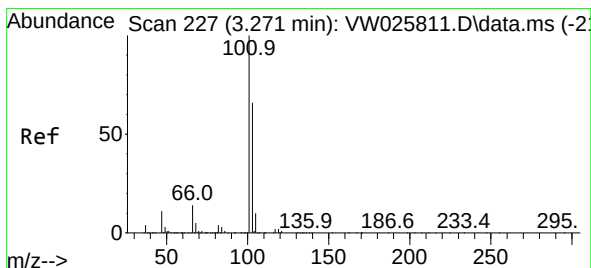
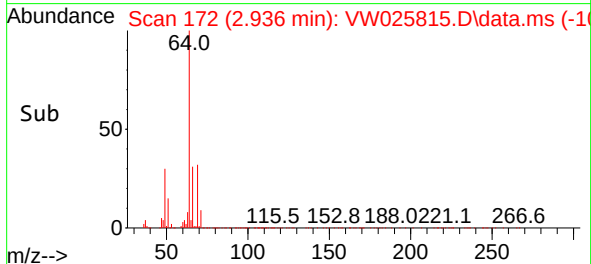
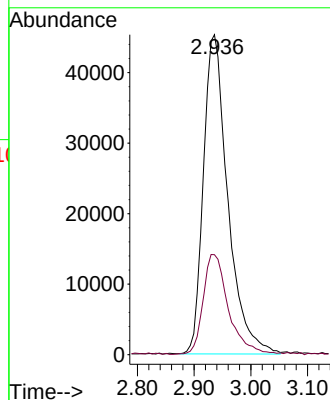
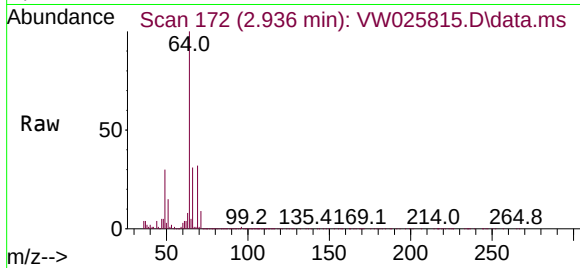




#8
Chloroethane
Concen: 23.542 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

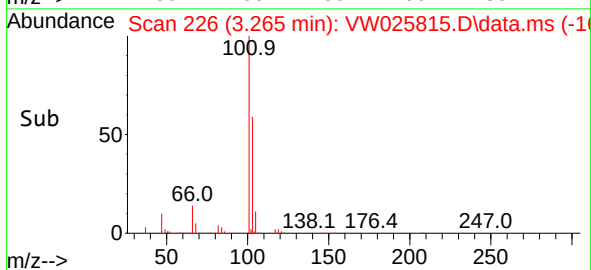
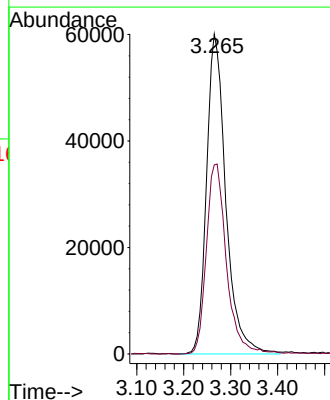
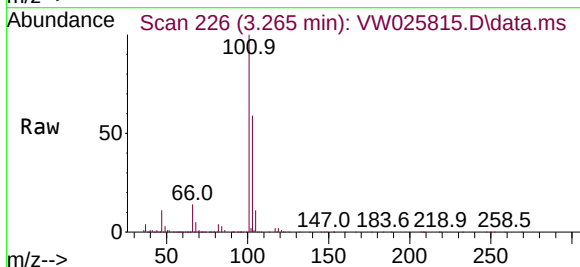
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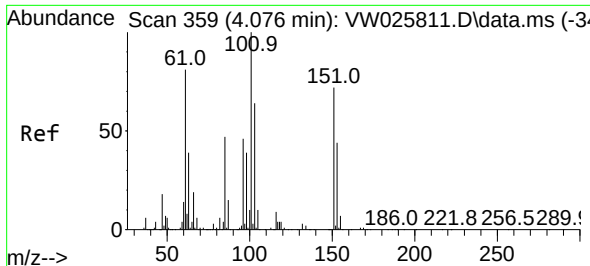
Tgt Ion: 64 Resp: 135200
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.402 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion: 101 Resp: 170753
Ion Ratio Lower Upper
101 100
103 61.2 50.6 76.0

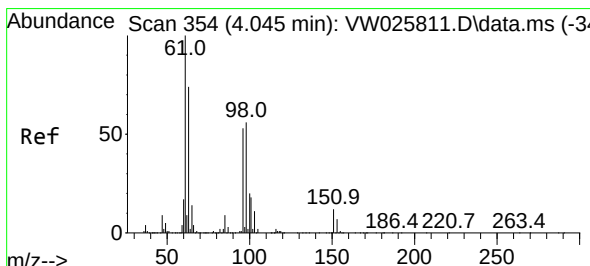
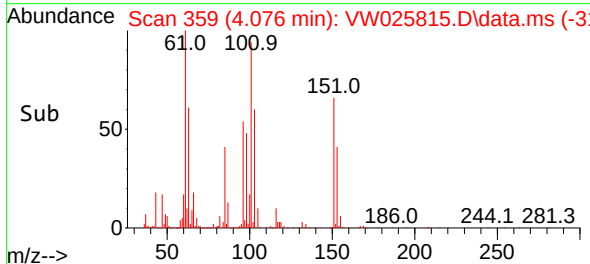
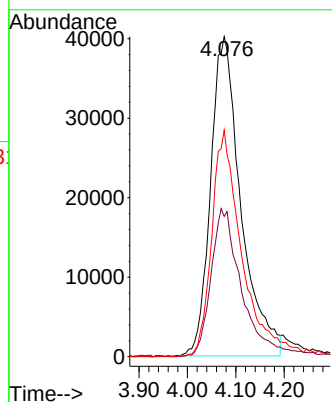
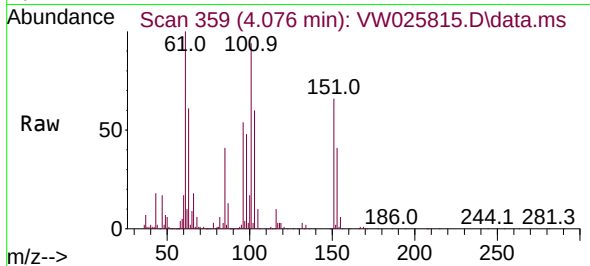




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.067 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025815.D
 Acq: 03 May 2023 10:33

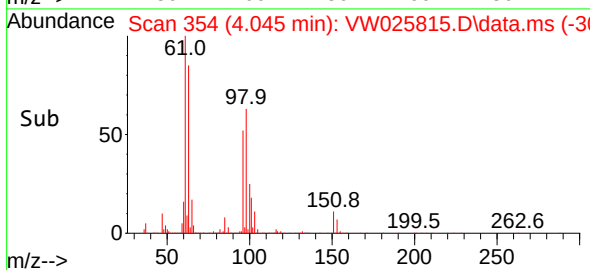
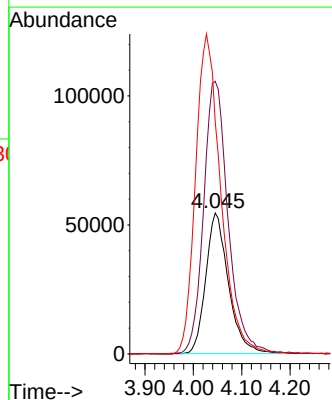
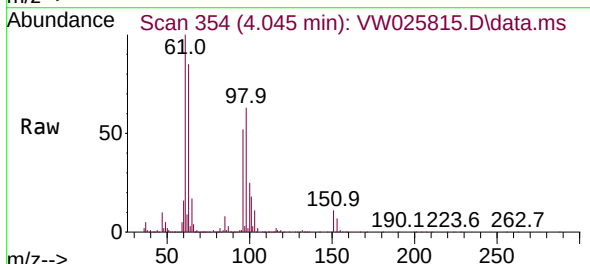
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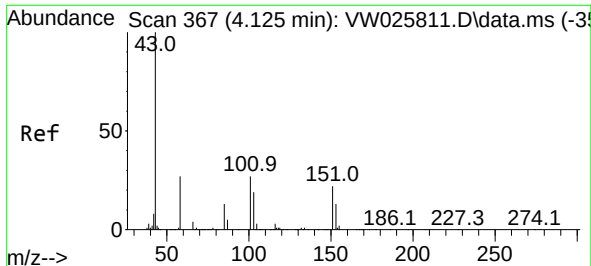
Tgt Ion:101 Resp: 174641
 Ion Ratio Lower Upper
 101 100
 85 47.3 33.9 50.9
 151 68.2 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.414 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025815.D
 Acq: 03 May 2023 10:33

Tgt Ion: 96 Resp: 177571
 Ion Ratio Lower Upper
 96 100
 61 193.5 135.0 250.8
 63 164.7 104.9 194.7





#13

Acetone

Concen: 185.957 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

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ClientSampleId :

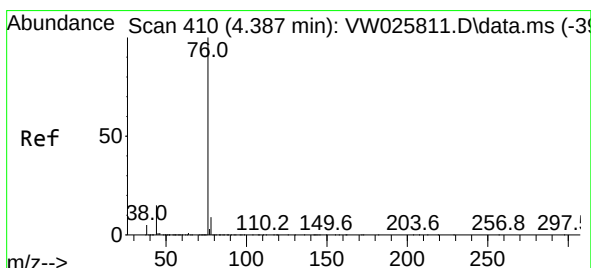
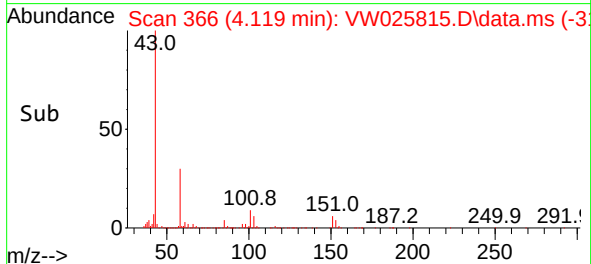
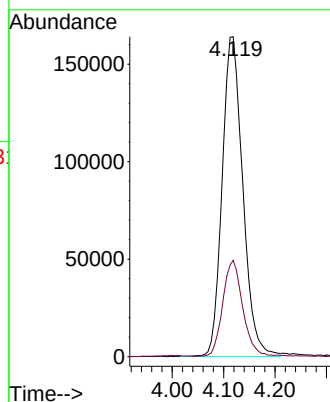
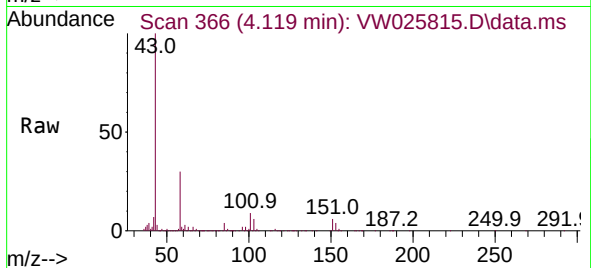
DCCJ7MS

Tgt Ion: 43 Resp: 457574

Ion Ratio Lower Upper

43 100

58 28.9 0.0 58.2



#14

Carbon disulfide

Concen: 22.504 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW025815.D

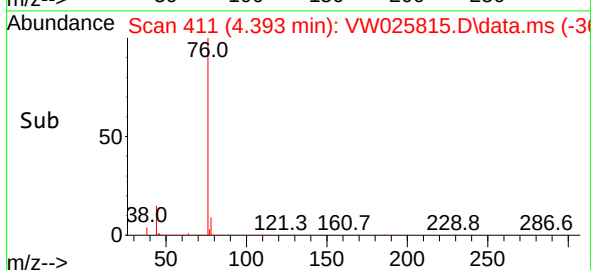
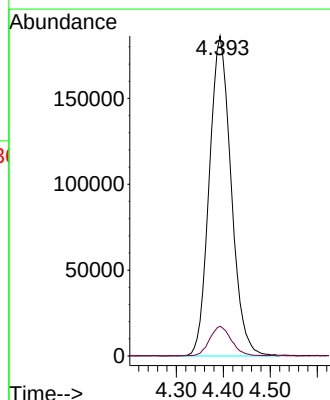
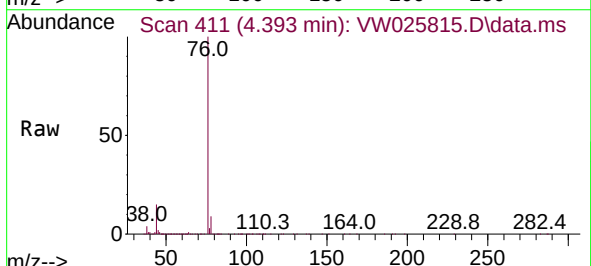
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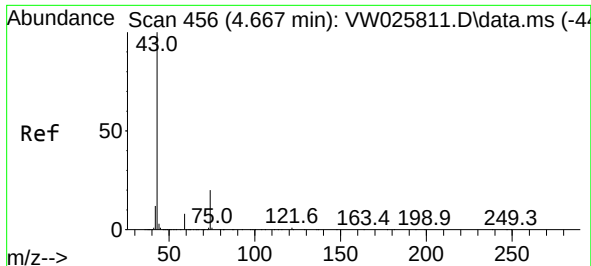
Tgt Ion: 76 Resp: 602916

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

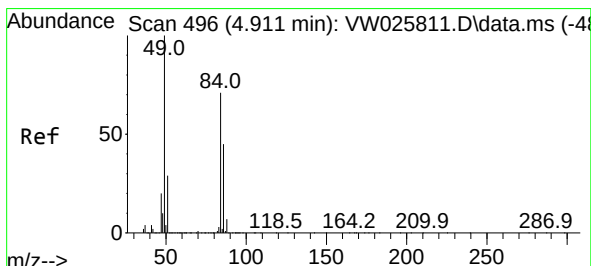
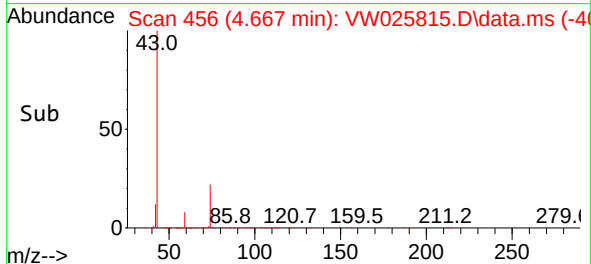
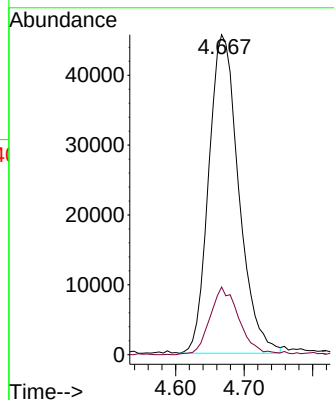
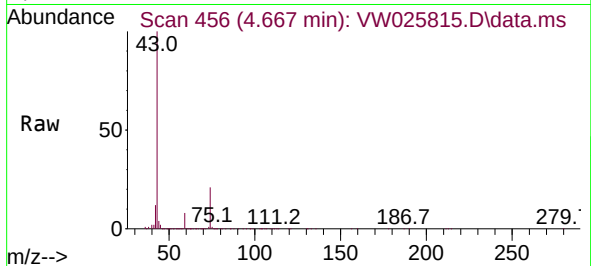




#15
Methyl Acetate
Concen: 28.619 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

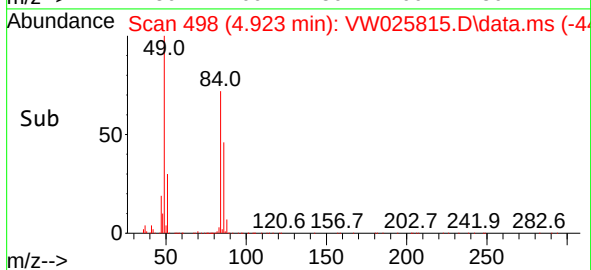
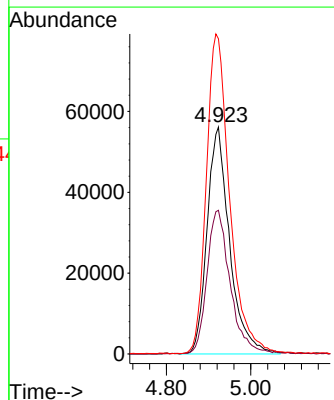
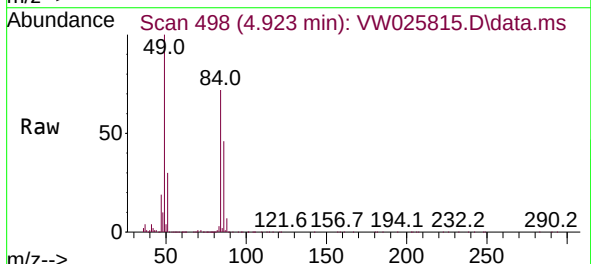
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

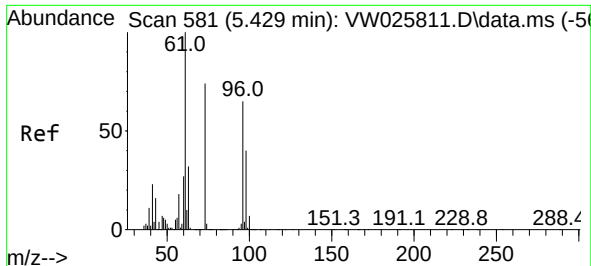
Tgt Ion: 43 Resp: 138777
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7



#16
Methylene chloride
Concen: 17.081 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion: 84 Resp: 208667
Ion Ratio Lower Upper
84 100
86 63.3 41.7 77.5
49 138.9 95.3 177.1

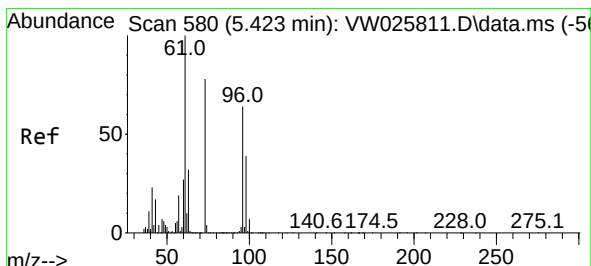
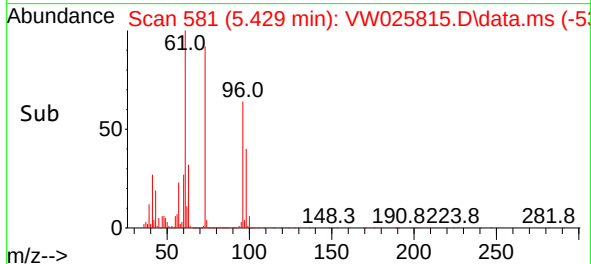
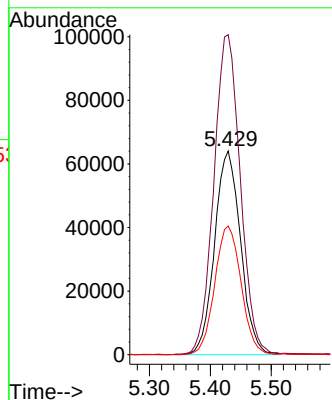
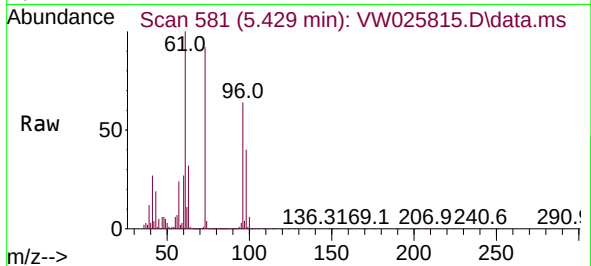




#17
trans-1,2-Dichloroethene
Concen: 22.029 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

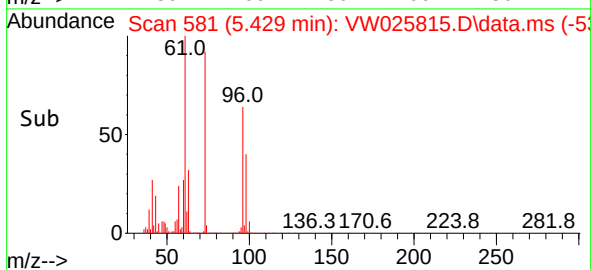
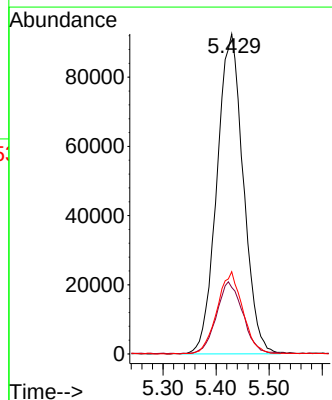
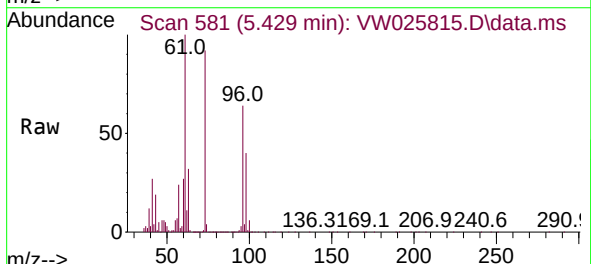
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

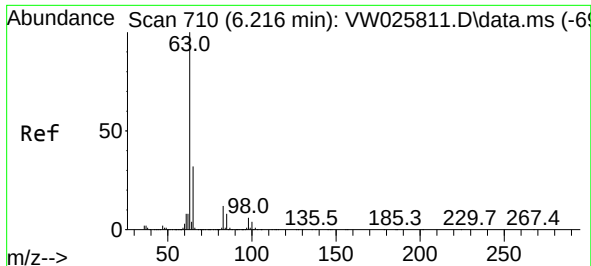
Tgt Ion: 96 Resp: 190388
Ion Ratio Lower Upper
96 100
61 157.1 108.1 200.9
98 63.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 24.380 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion: 73 Resp: 319807
Ion Ratio Lower Upper
73 100
43 22.0 18.2 27.4
57 24.4 19.2 28.8





#19

1,1-Dichloroethane

Concen: 22.453 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

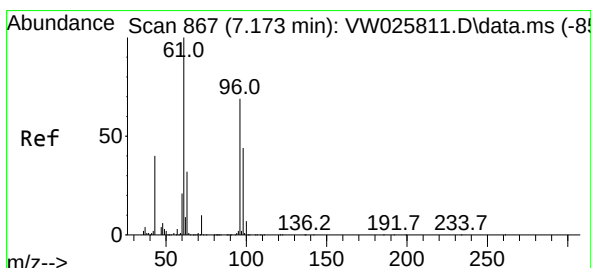
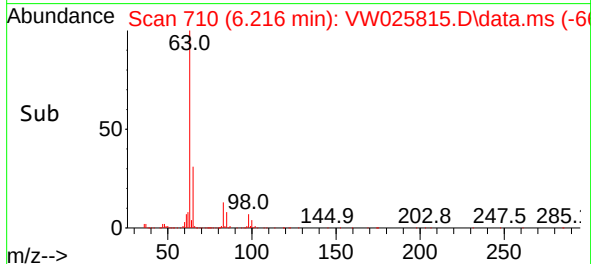
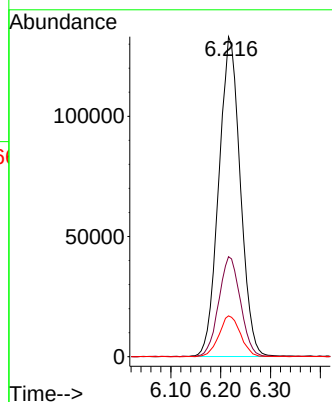
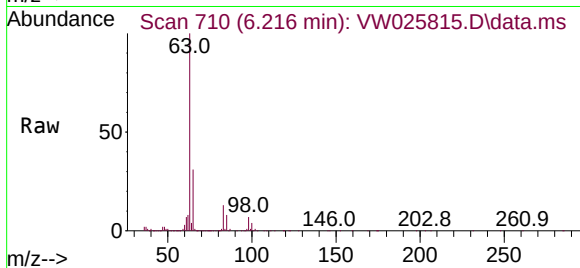
Tgt Ion: 63 Resp: 398701

Ion Ratio Lower Upper

63 100

65 31.3 22.4 41.6

83 12.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 22.477 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

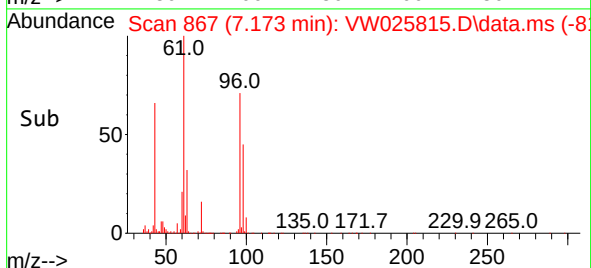
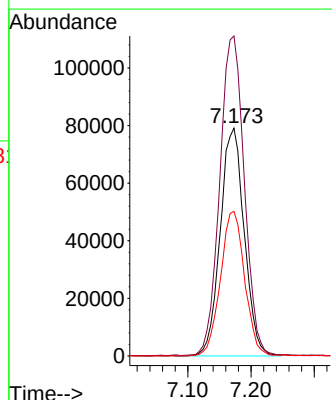
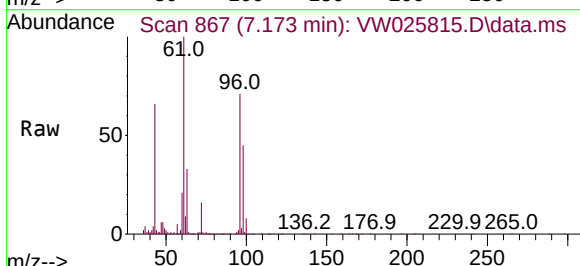
Tgt Ion: 96 Resp: 208414

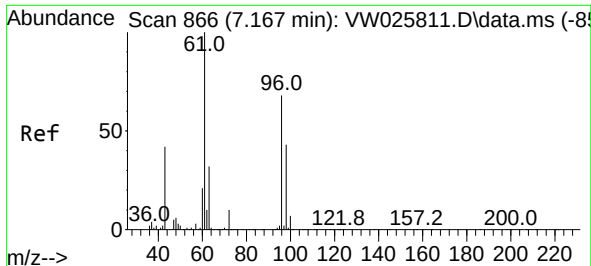
Ion Ratio Lower Upper

96 100

61 140.5 98.6 183.0

98 63.5 45.2 84.0

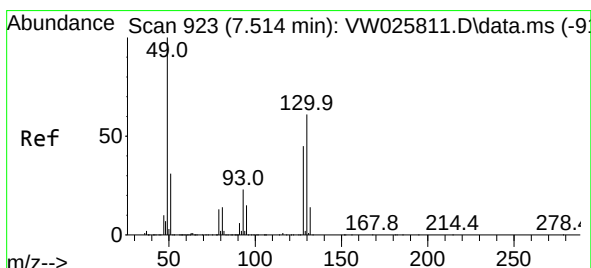
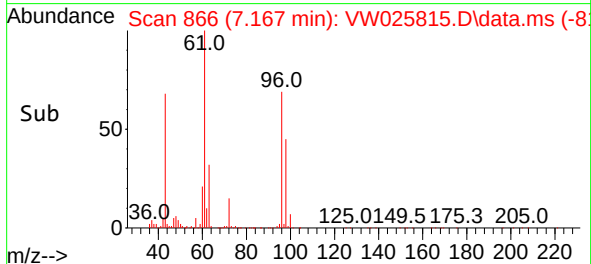
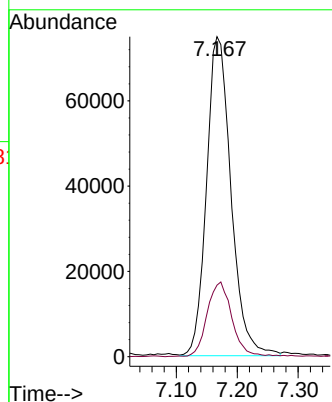
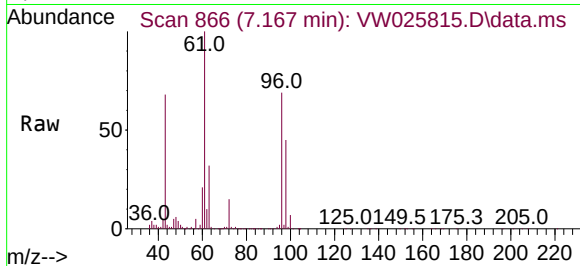




#22
2-Butanone
Concen: 61.652 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

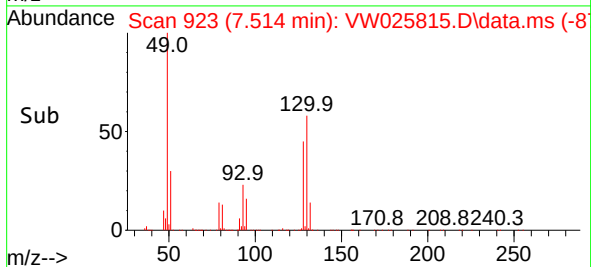
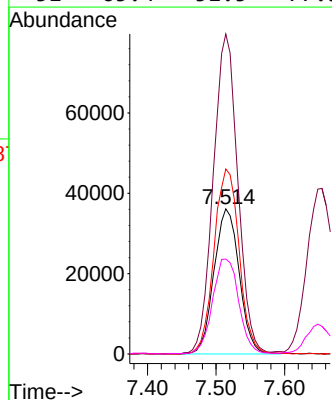
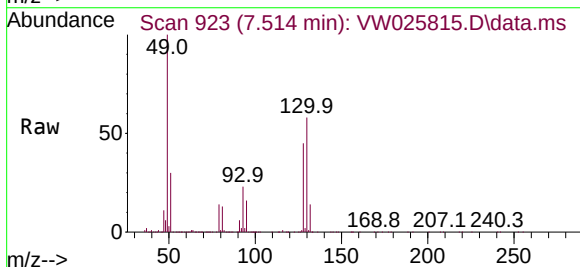
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

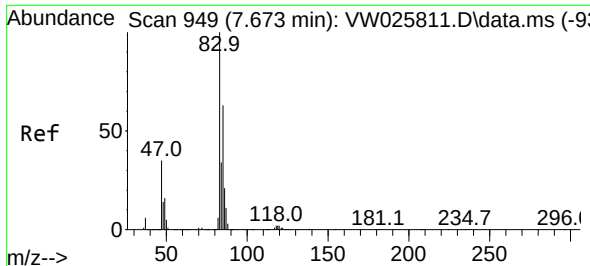
Tgt Ion: 43 Resp: 209473
Ion Ratio Lower Upper
43 100
72 23.0 11.8 35.4



#23
Bromochloromethane
Concen: 23.498 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion: 128 Resp: 92302
Ion Ratio Lower Upper
128 100
49 220.6 151.5 281.5
130 127.5 91.3 169.6
51 65.4 51.5 77.3

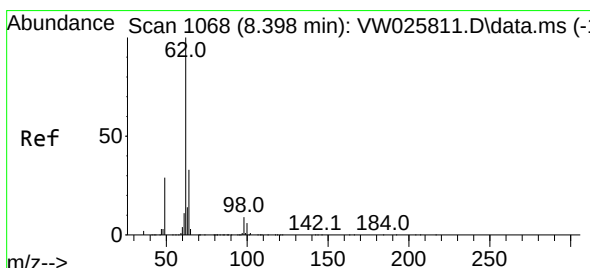
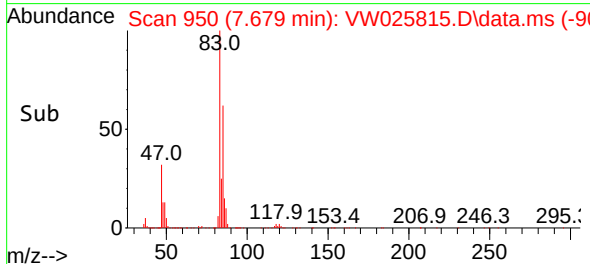
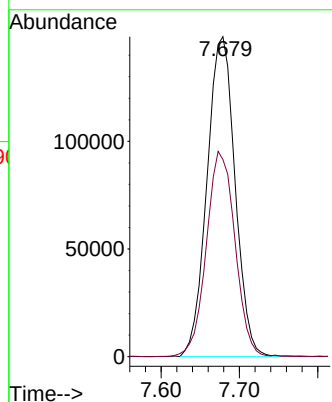
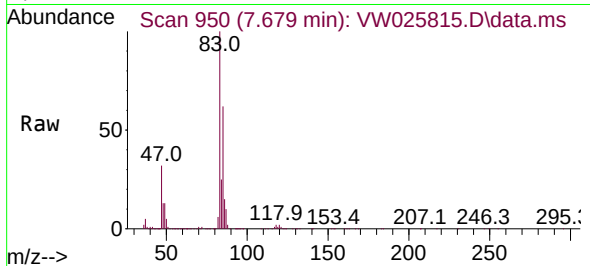




#25
Chloroform
Concen: 22.692 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

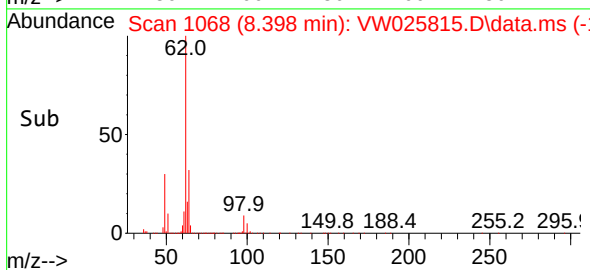
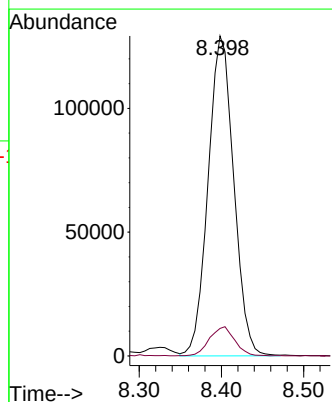
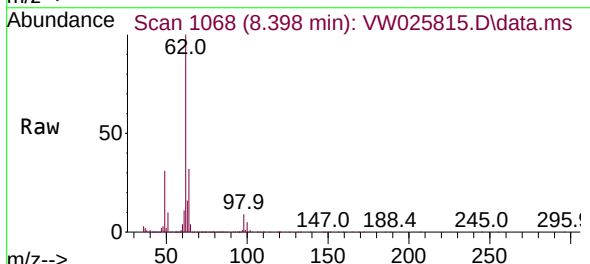
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

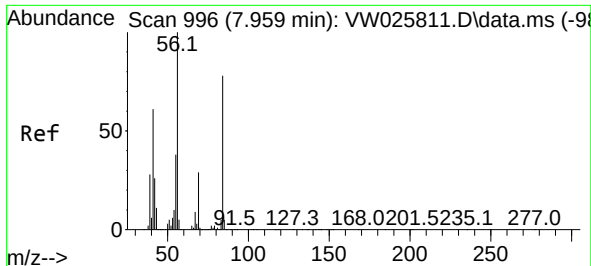
Tgt Ion: 83 Resp: 370345
Ion Ratio Lower Upper
83 100
85 61.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.191 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion: 62 Resp: 280384
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8





#29

Cyclohexane

Concen: 21.468 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

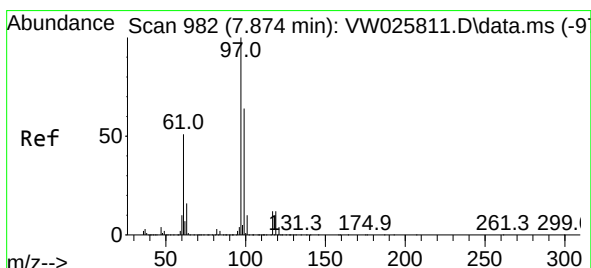
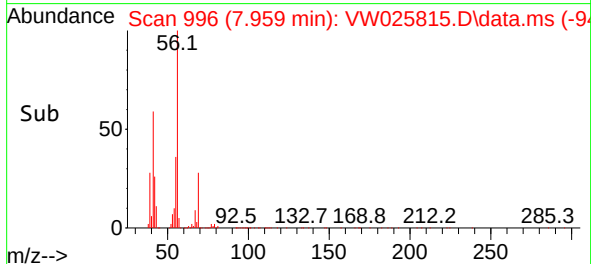
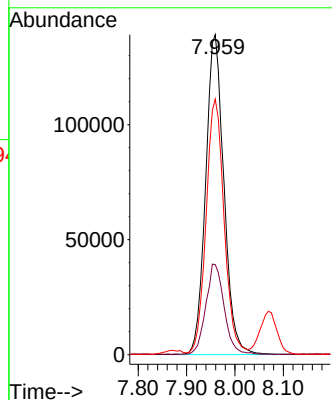
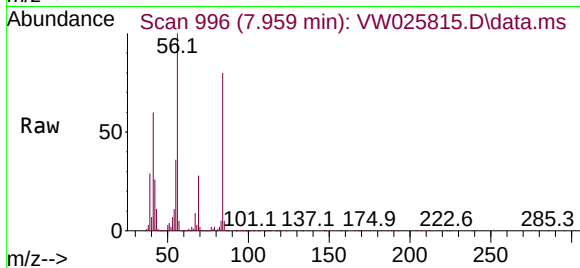
Tgt Ion: 56 Resp: 365313

Ion Ratio Lower Upper

56 100

69 28.2 23.4 35.0

84 78.8 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 21.827 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

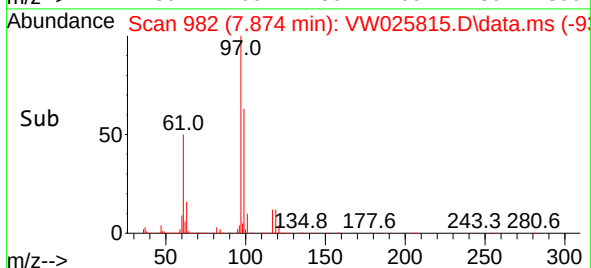
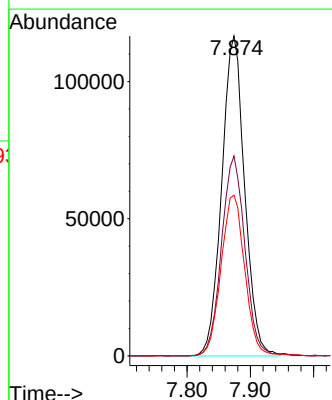
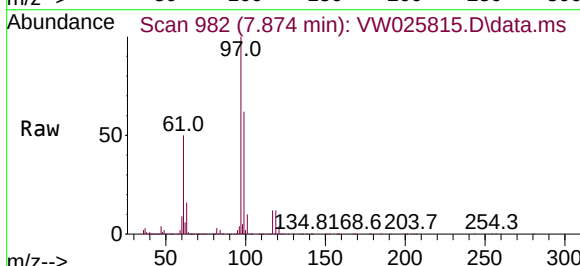
Tgt Ion: 97 Resp: 293115

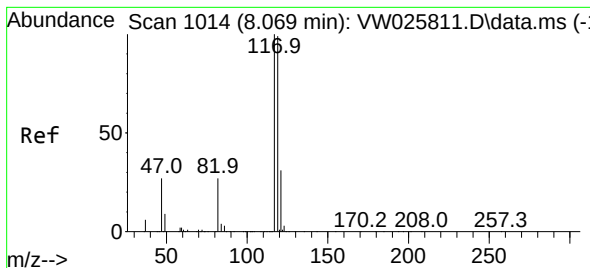
Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

61 51.9 40.4 60.6





#31

Carbon tetrachloride

Concen: 21.417 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

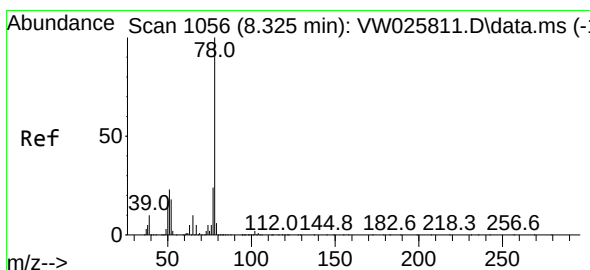
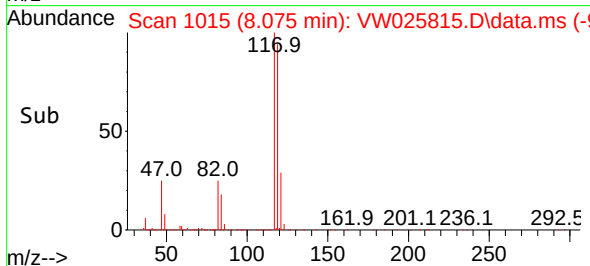
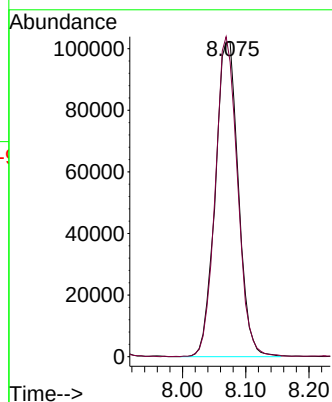
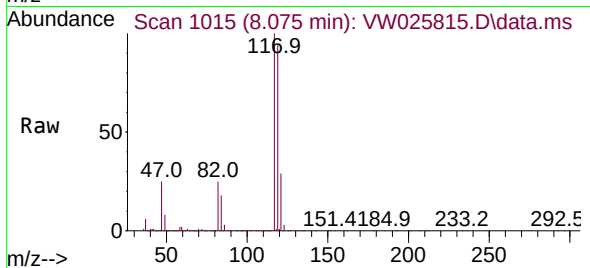
DCCJ7MS

Tgt Ion:117 Resp: 258837

Ion Ratio Lower Upper

117 100

119 97.5 76.9 115.3



#33

Benzene

Concen: 21.792 ug/L

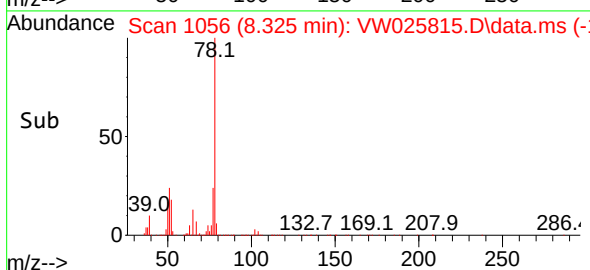
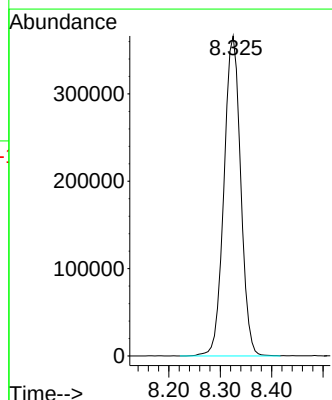
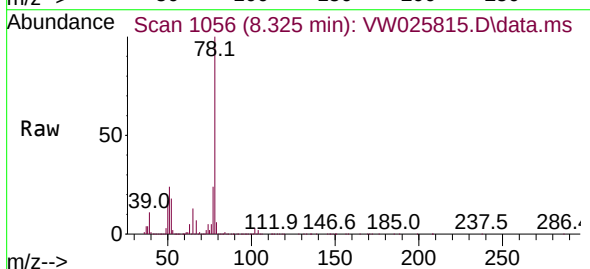
RT: 8.325 min Scan# 1056

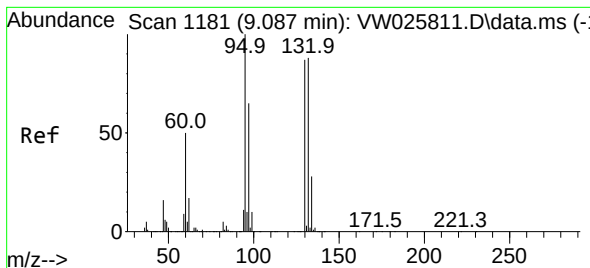
Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Tgt Ion: 78 Resp: 827903





#34

Trichloroethene

Concen: 21.112 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

Tgt Ion: 95 Resp: 205815

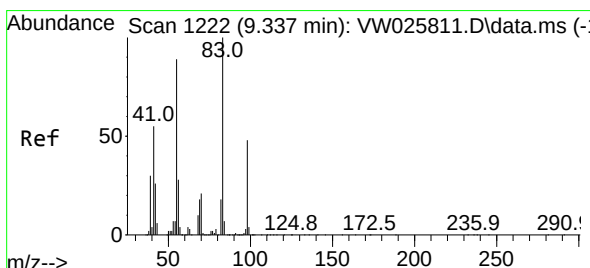
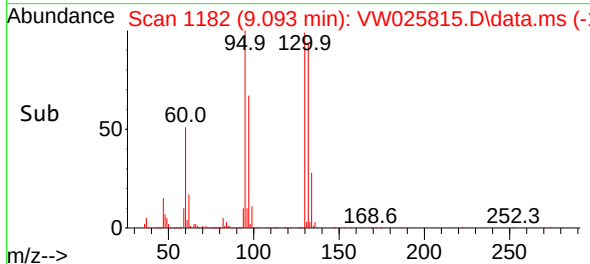
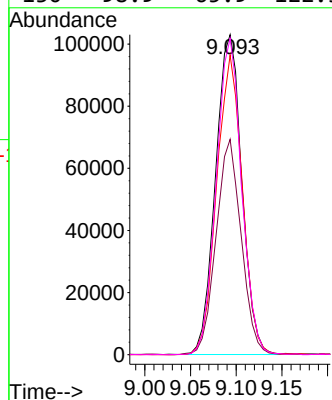
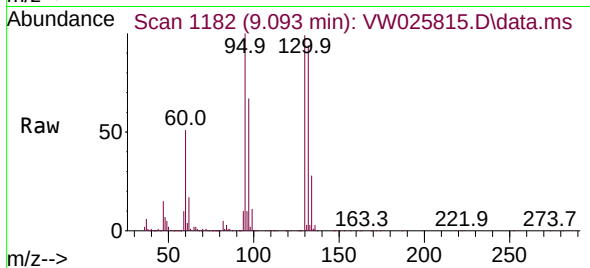
Ion Ratio Lower Upper

95 100

97 67.3 45.9 85.3

132 93.6 66.0 122.6

130 98.9 65.9 122.3



#35

Methylcyclohexane

Concen: 20.162 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

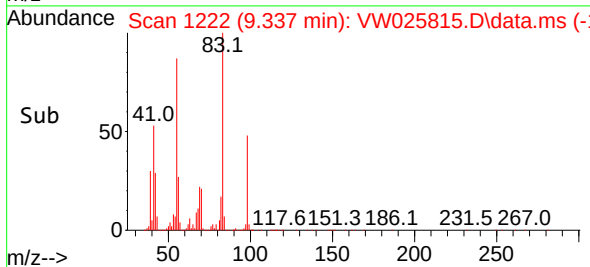
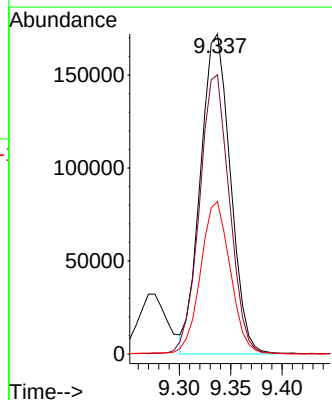
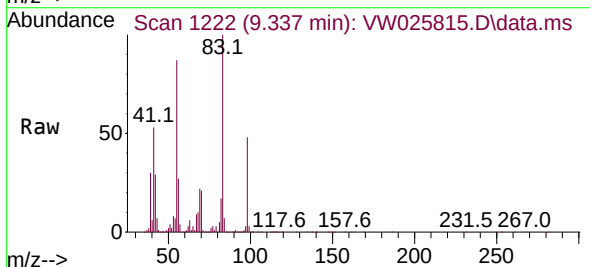
Tgt Ion: 83 Resp: 349585

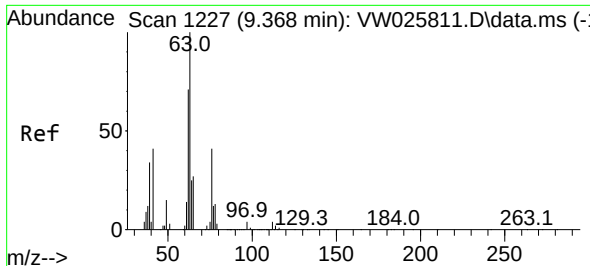
Ion Ratio Lower Upper

83 100

55 87.2 69.0 103.4

98 47.2 37.1 55.7





#37

1,2-Dichloropropane

Concen: 22.529 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

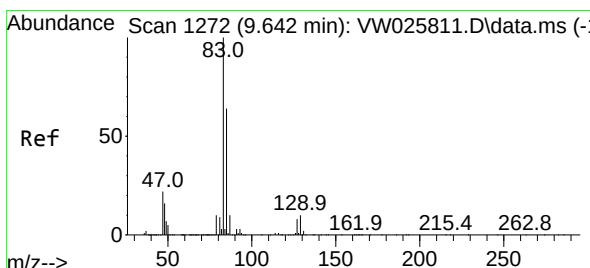
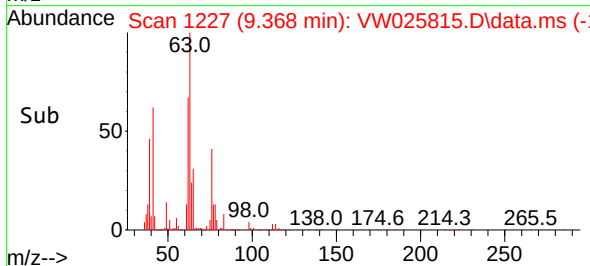
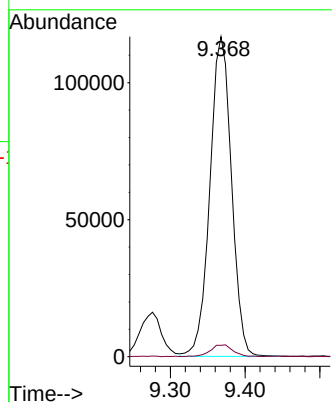
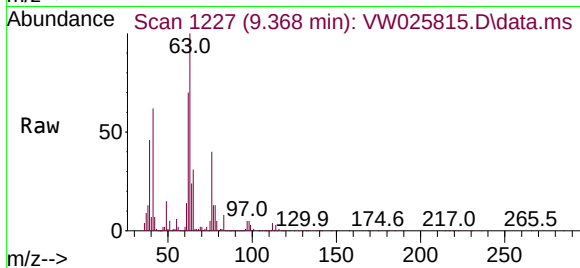
DCCJ7MS

Tgt Ion: 63 Resp: 234496

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 22.413 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

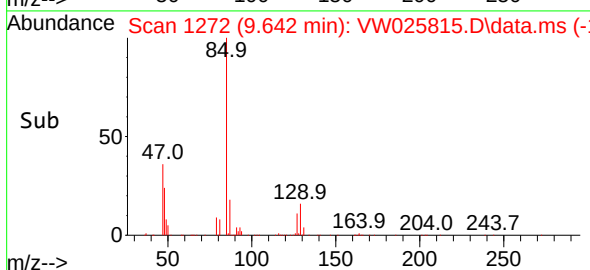
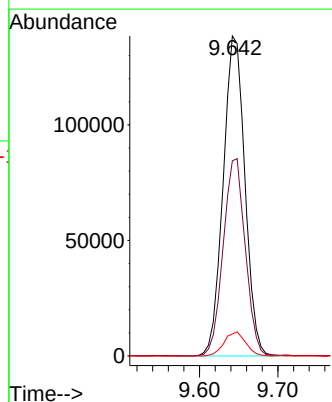
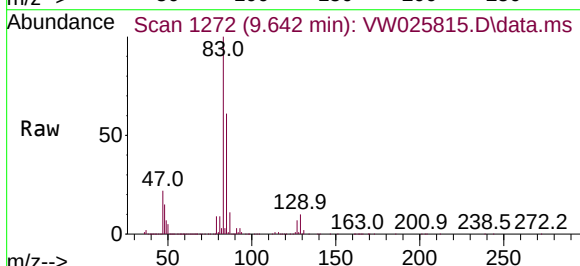
Tgt Ion: 83 Resp: 267635

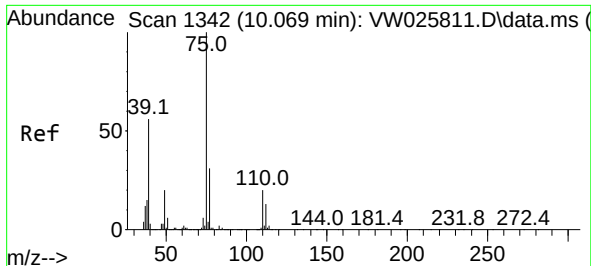
Ion Ratio Lower Upper

83 100

85 61.0 44.4 82.5

127 6.9 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 22.376 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

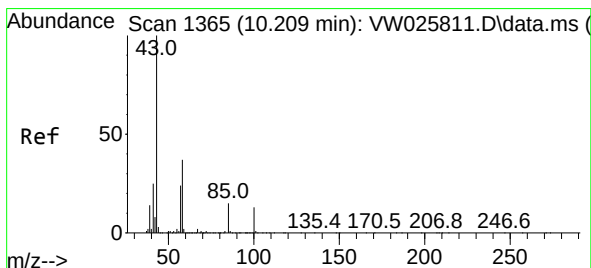
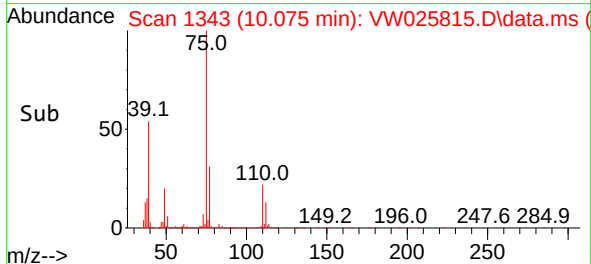
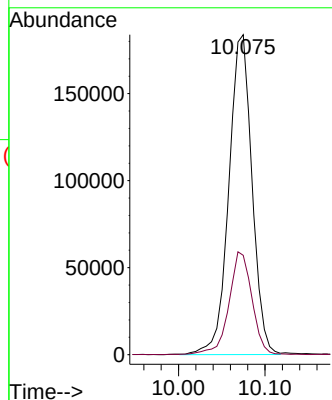
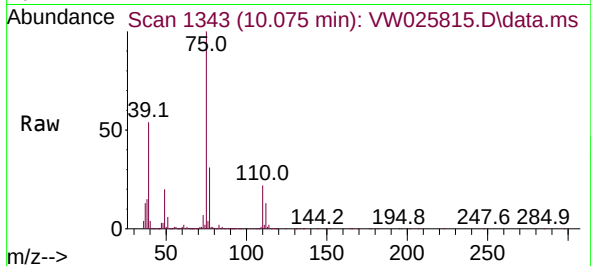
DCCJ7MS

Tgt Ion: 75 Resp: 341549

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.598 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

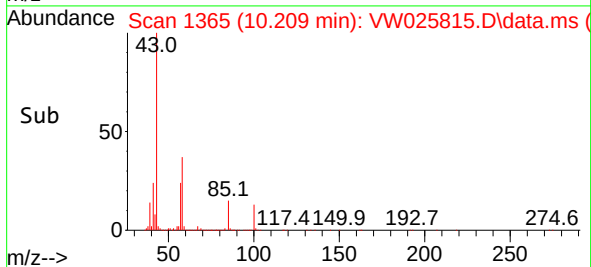
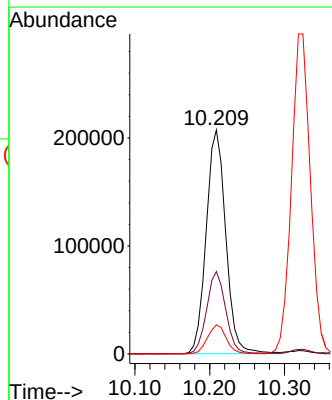
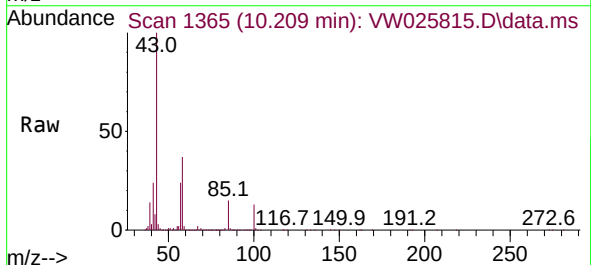
Tgt Ion: 43 Resp: 376673

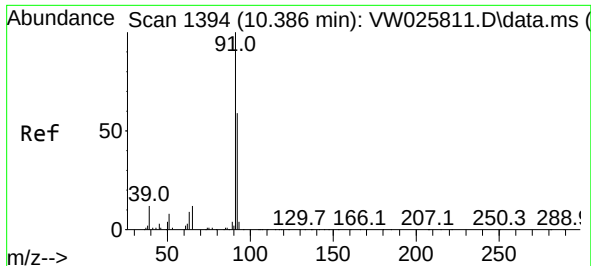
Ion Ratio Lower Upper

43 100

58 36.0 29.4 44.0

100 12.6 10.1 15.1

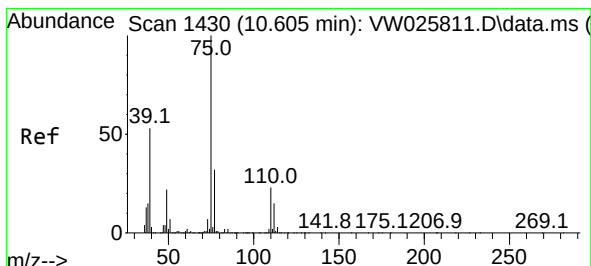
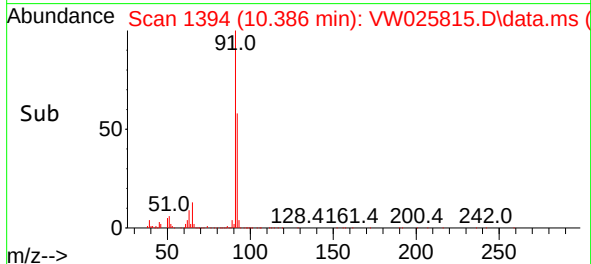
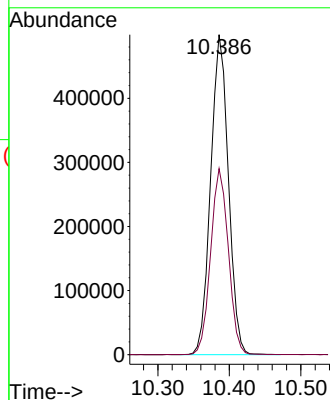
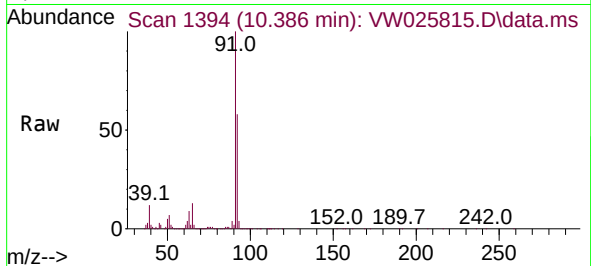




#42
Toluene
Concen: 22.109 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

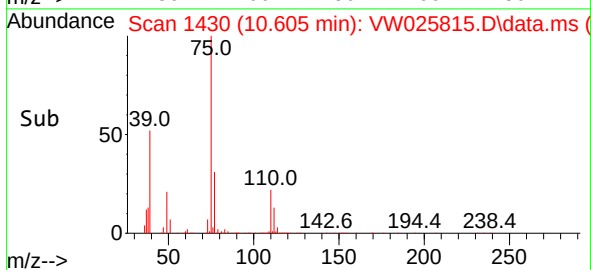
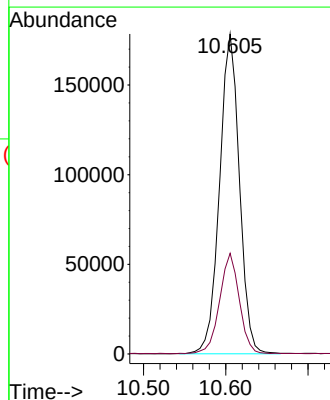
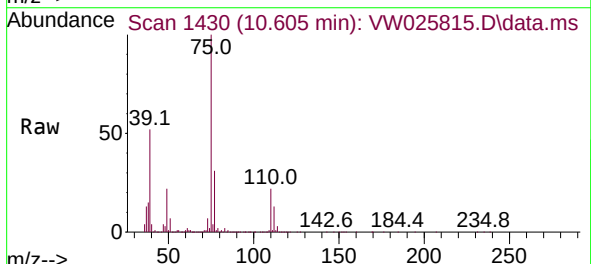
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

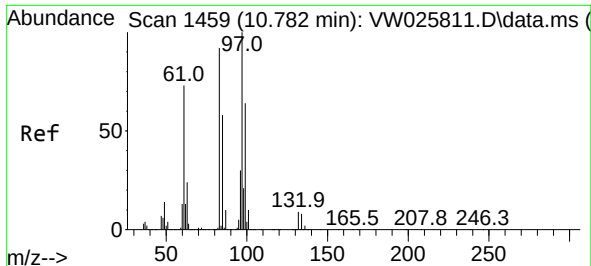
Tgt Ion: 91 Resp: 858216
Ion Ratio Lower Upper
91 100
92 58.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 23.676 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion: 75 Resp: 299438
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4

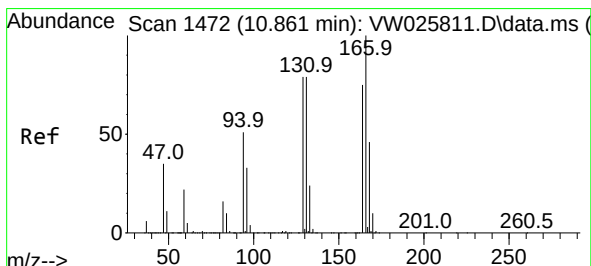
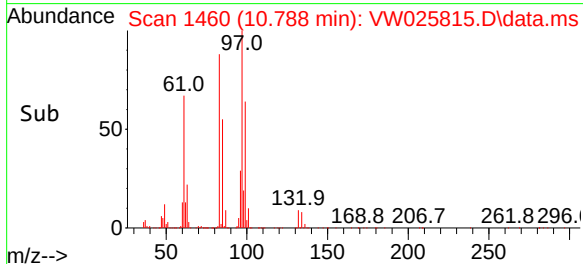
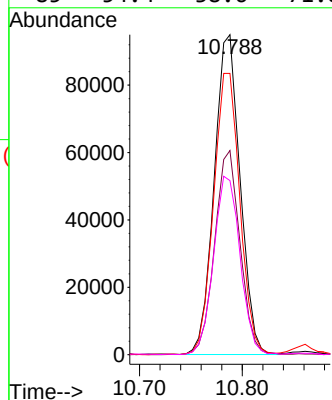
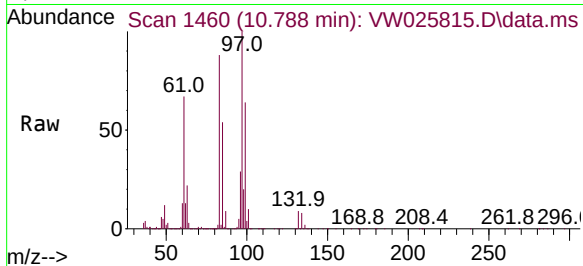




#45
1,1,2-Trichloroethane
Concen: 23.877 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

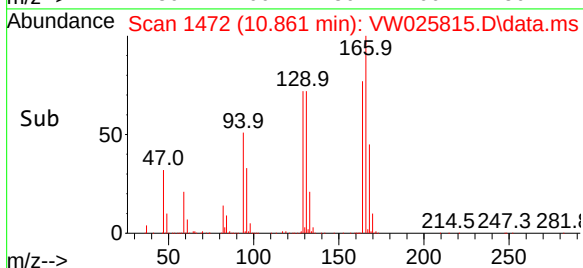
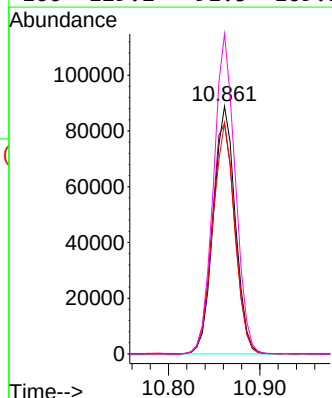
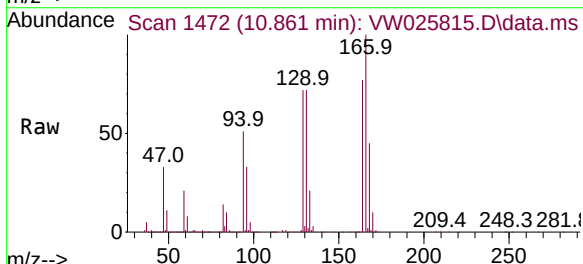
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

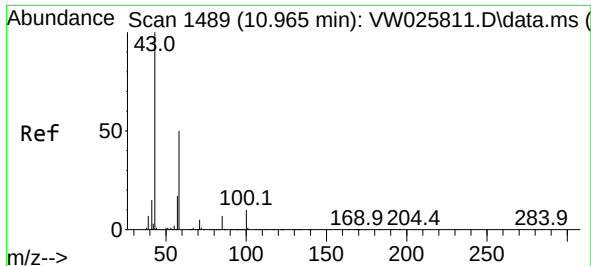
Tgt Ion:	97	Resp:	166241
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.5	82.7
83	87.9	63.0	117.0
85	54.4	38.6	71.8



#46
Tetrachloroethene
Concen: 21.531 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion:	164	Resp:	147668
Ion	Ratio	Lower	Upper
164	100		
129	92.9	74.3	138.1
131	93.4	71.3	132.3
166	129.2	91.5	169.9

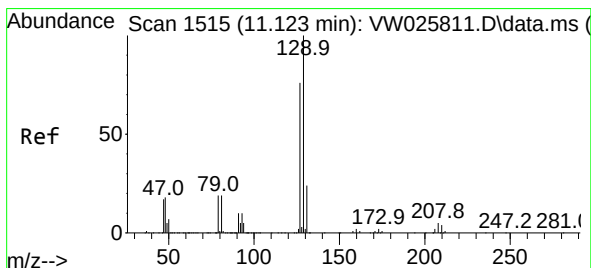
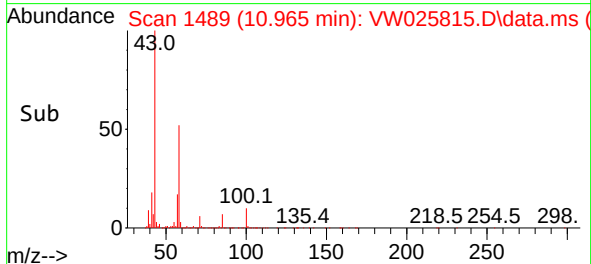
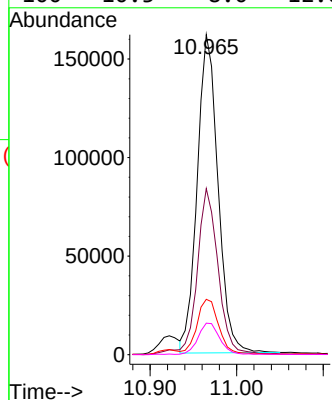
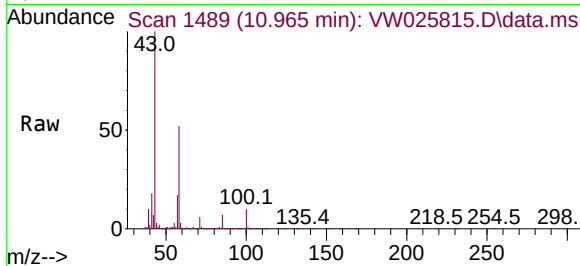




#48
2-Hexanone
Concen: 55.626 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

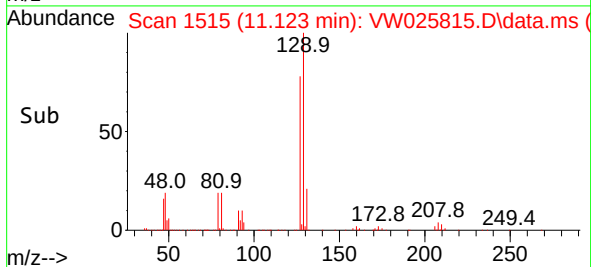
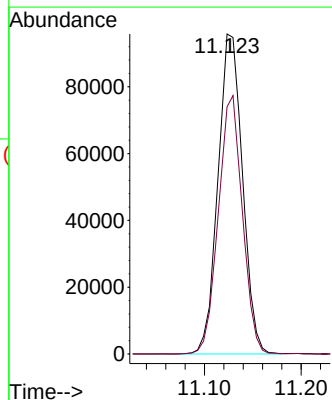
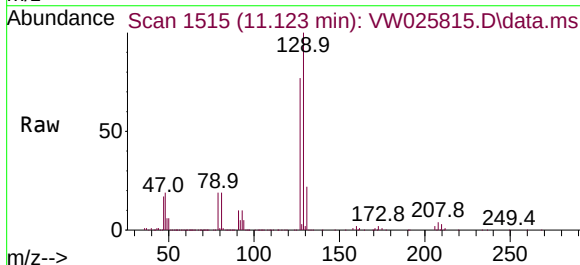
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

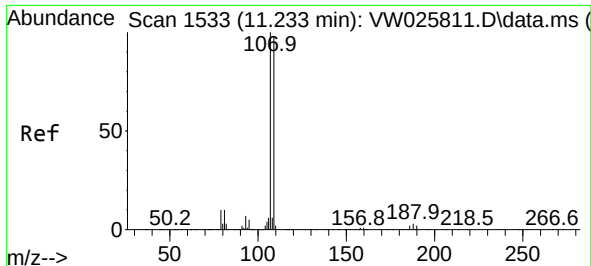
Tgt Ion:	43	Resp:	269979
Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.8	61.2
57	17.6	13.6	20.4
100	10.3	8.0	12.0



#49
Dibromochloromethane
Concen: 23.394 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion:	129	Resp:	168626
Ion	Ratio	Lower	Upper
129	100		
127	77.2	56.1	104.3





#50

1,2-Dibromoethane

Concen: 24.788 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

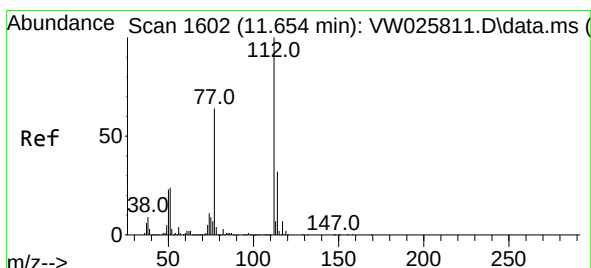
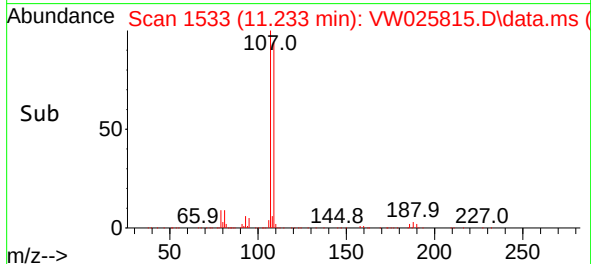
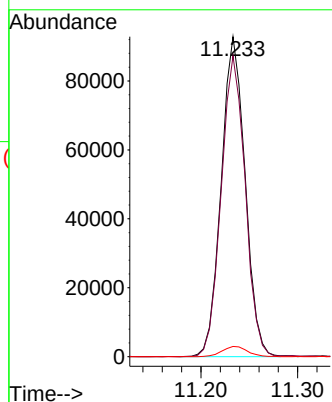
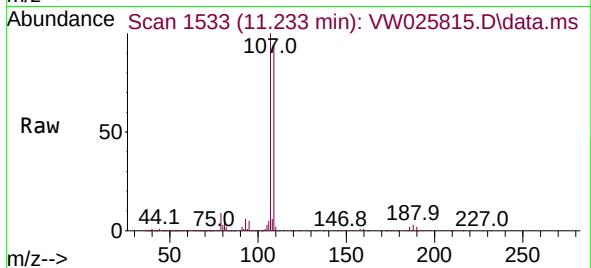
Tgt Ion:107 Resp: 159104

Ion Ratio Lower Upper

107 100

109 93.9 67.5 125.4

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 21.379 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

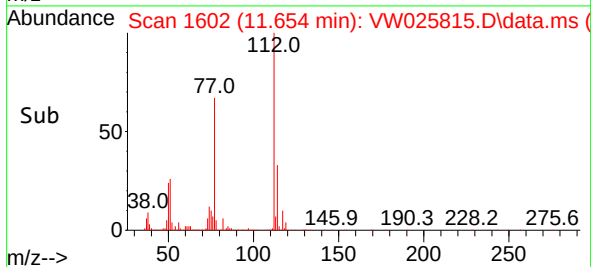
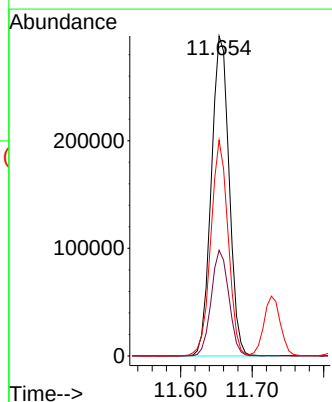
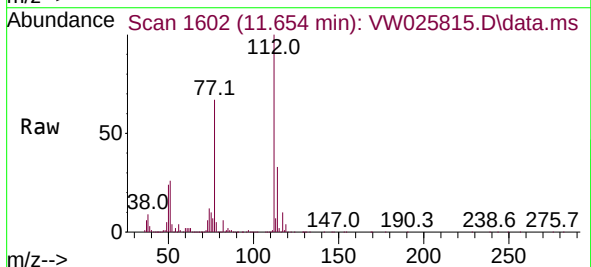
Tgt Ion:112 Resp: 514112

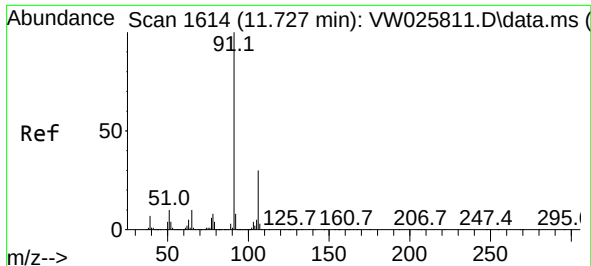
Ion Ratio Lower Upper

112 100

114 33.0 22.7 42.3

77 67.4 53.0 79.6

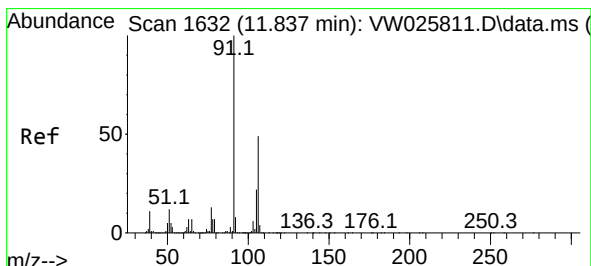
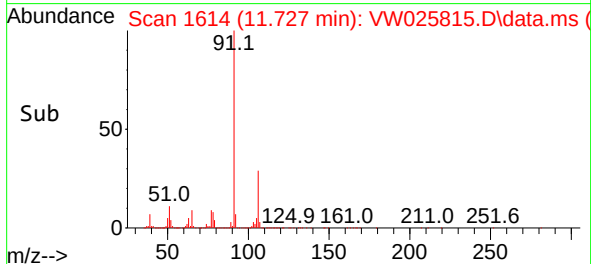
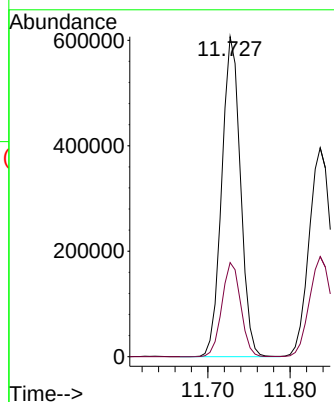
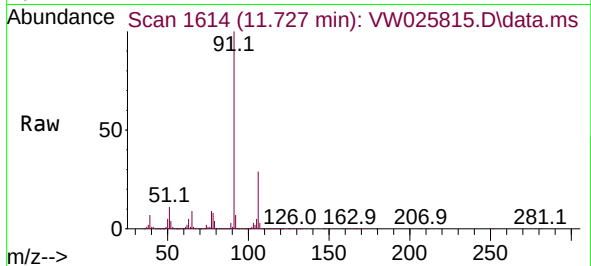




#52
Ethylbenzene
Concen: 22.005 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

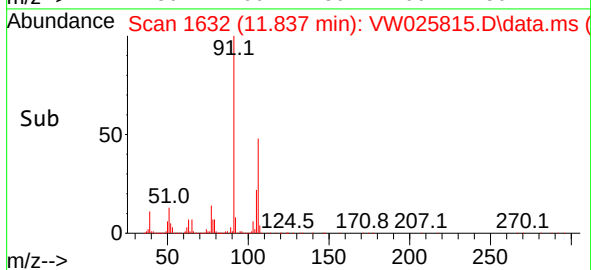
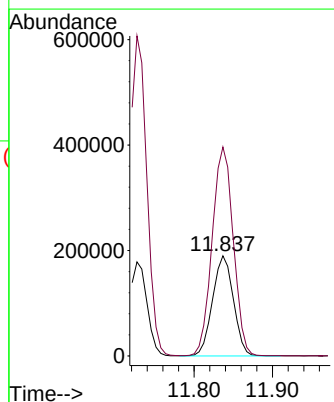
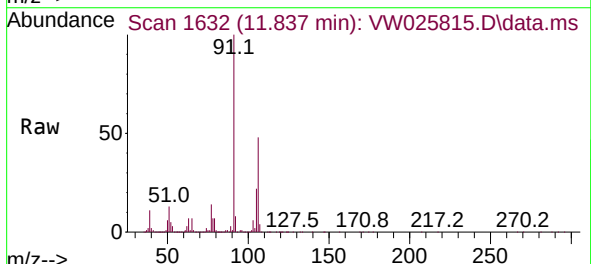
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

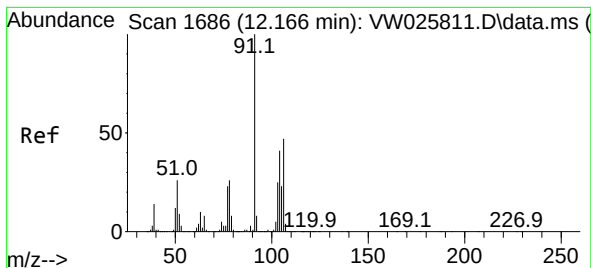
Tgt Ion: 91 Resp: 960834
Ion Ratio Lower Upper
91 100
106 29.4 20.8 38.6



#53
m,p-Xylene
Concen: 21.898 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion:106 Resp: 351919
Ion Ratio Lower Upper
106 100
91 208.7 150.1 278.9

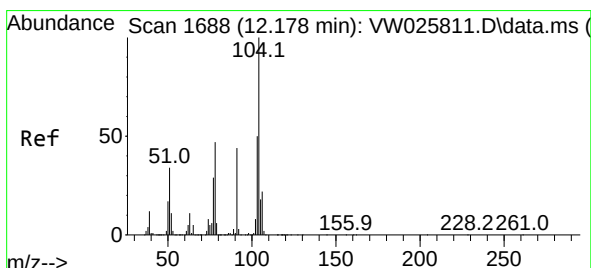
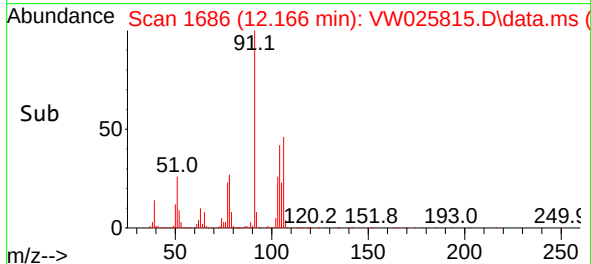
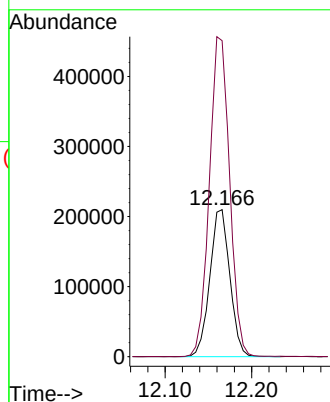
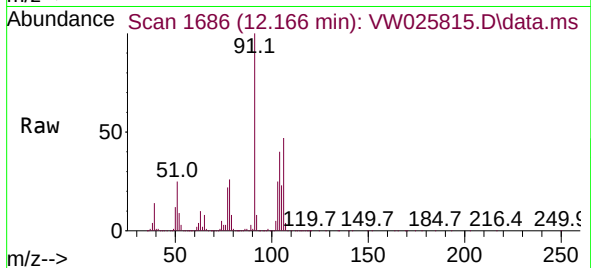




#54
o-Xylene
Concen: 22.227 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

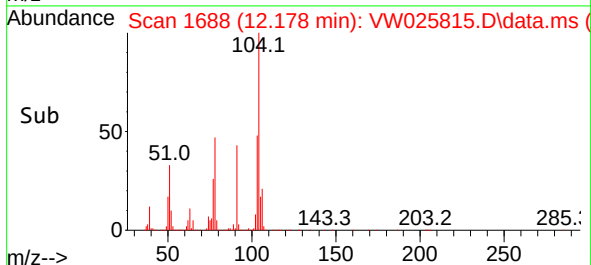
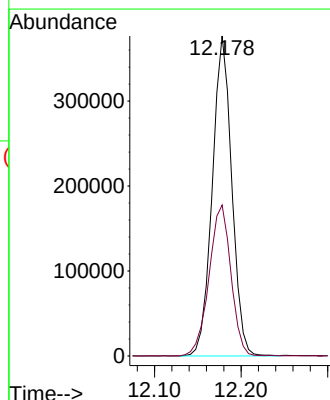
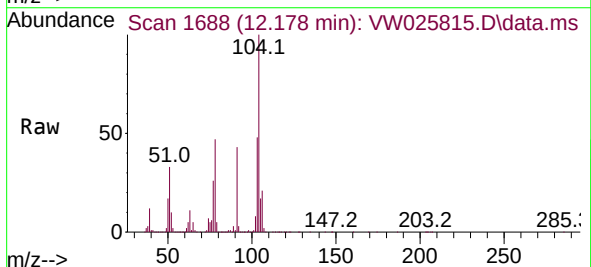
Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

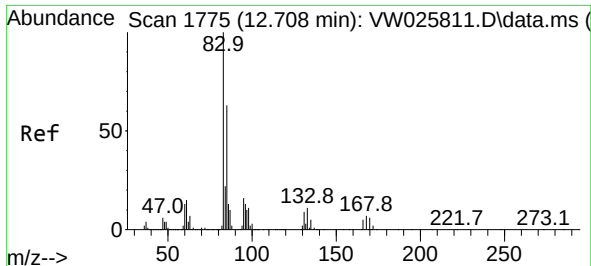
Tgt Ion:106 Resp: 336687
Ion Ratio Lower Upper
106 100
91 214.8 157.8 293.1



#55
Styrene
Concen: 22.712 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion:104 Resp: 588836
Ion Ratio Lower Upper
104 100
78 47.2 33.4 62.0





#57

1,1,2-Tetrachloroethane

Concen: 26.124 ug/L

RT: 12.715 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

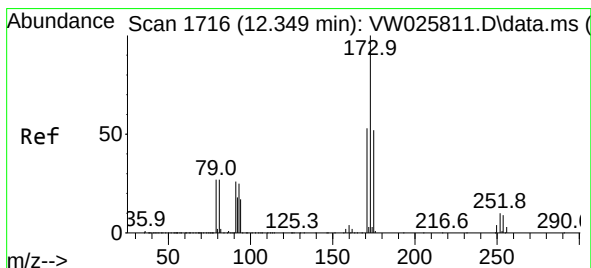
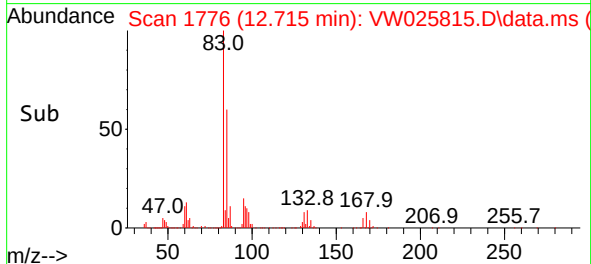
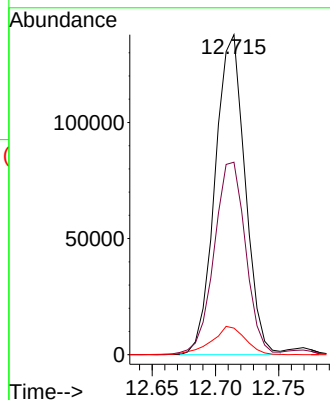
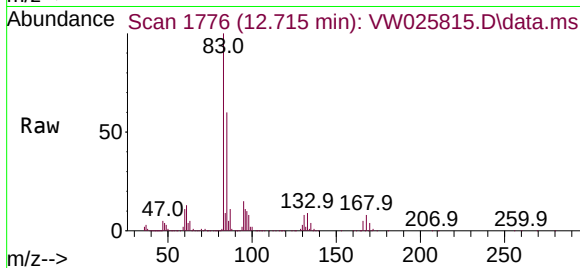
Tgt Ion: 83 Resp: 226957

Ion Ratio Lower Upper

83 100

85 60.2 45.6 84.8

131 8.3 8.1 12.1



#59

Bromoform

Concen: 24.763 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

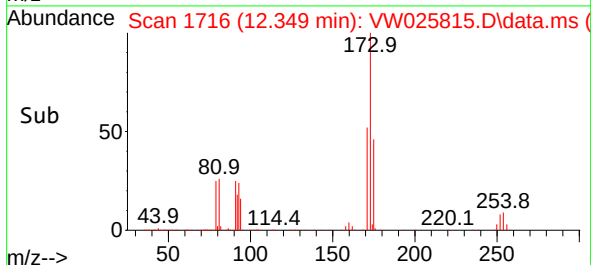
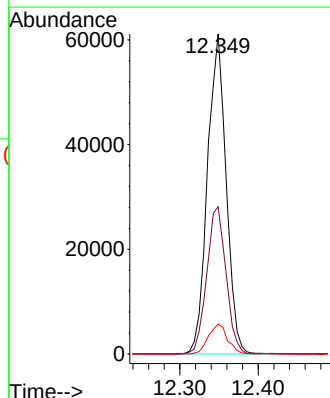
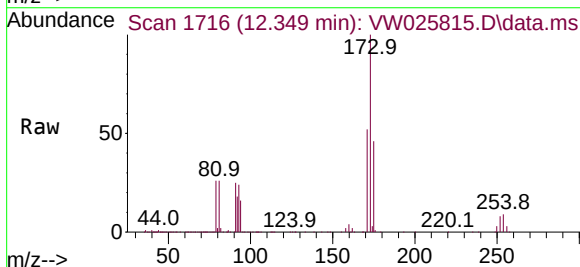
Tgt Ion: 173 Resp: 101076

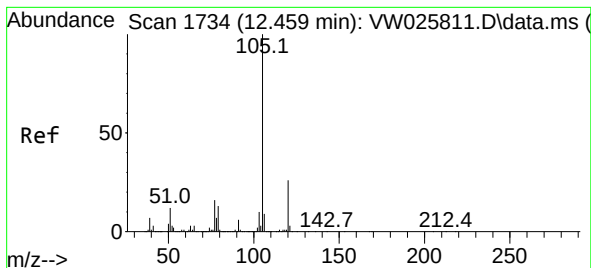
Ion Ratio Lower Upper

173 100

175 47.4 38.6 57.8

254 9.5 7.6 11.4





#60

Isopropylbenzene

Concen: 21.209 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

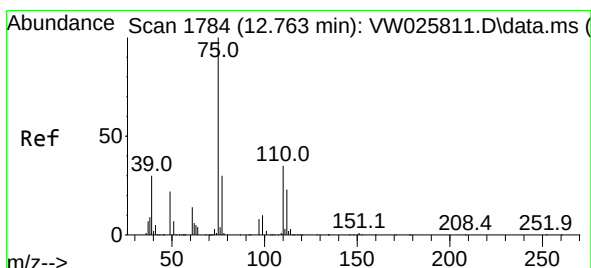
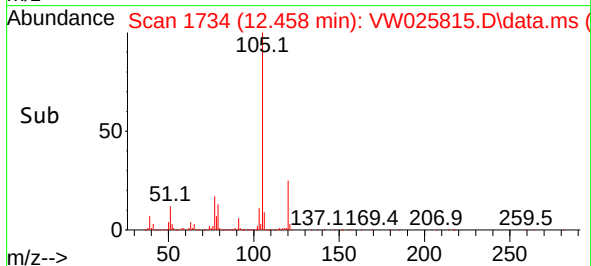
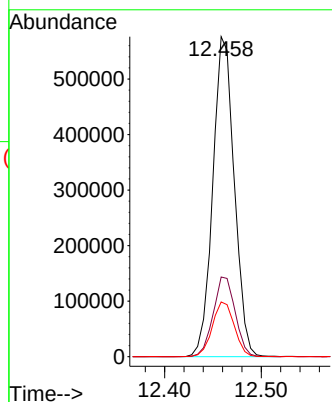
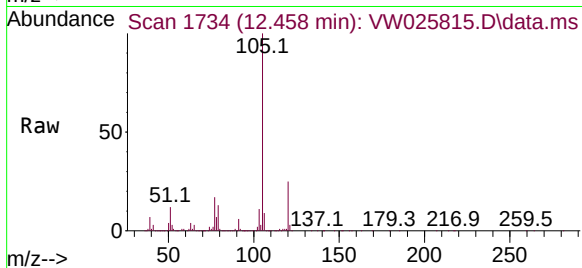
Tgt Ion:105 Resp: 888417

Ion Ratio Lower Upper

105 100

120 25.6 21.1 31.7

77 17.5 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 25.831 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

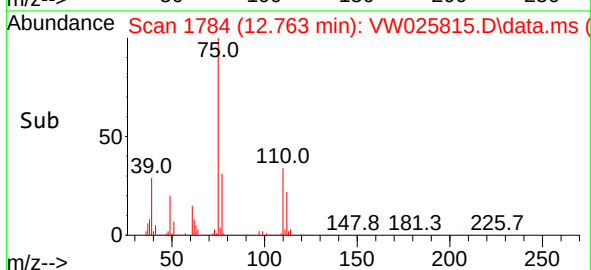
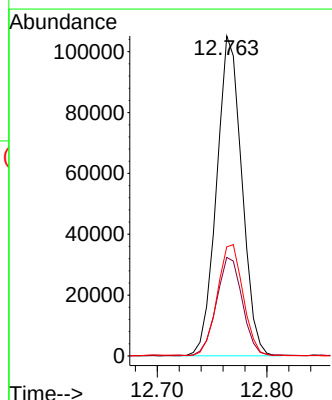
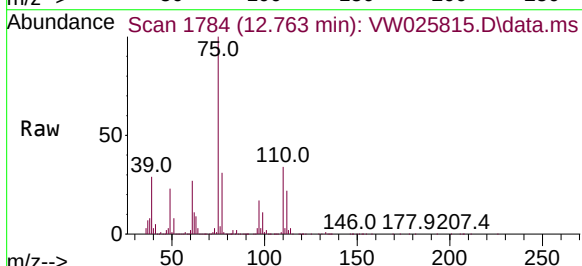
Tgt Ion: 75 Resp: 168227

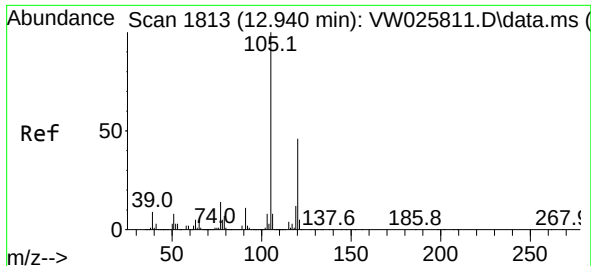
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 35.7 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 22.054 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

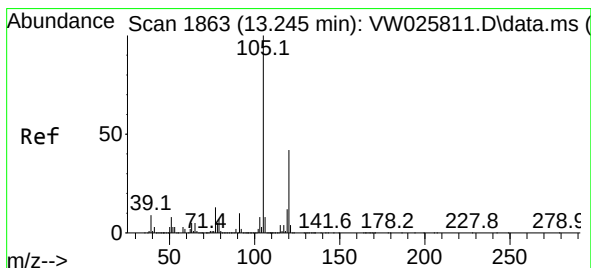
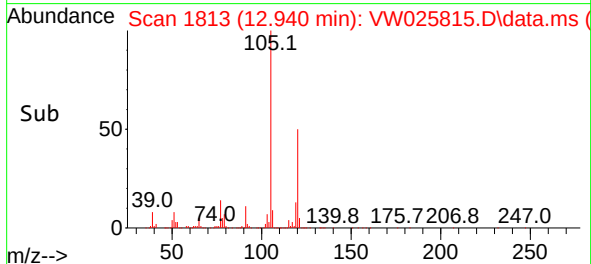
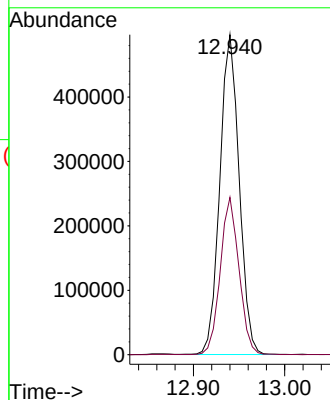
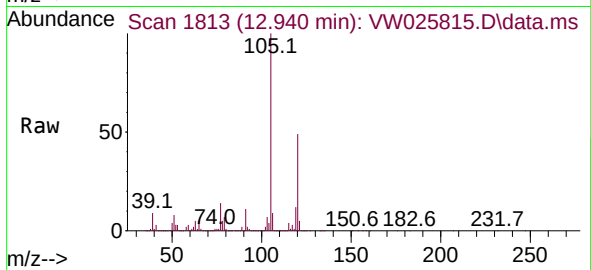
DCCJ7MS

Tgt Ion:105 Resp: 731708

Ion Ratio Lower Upper

105 100

120 47.6 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 22.160 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025815.D

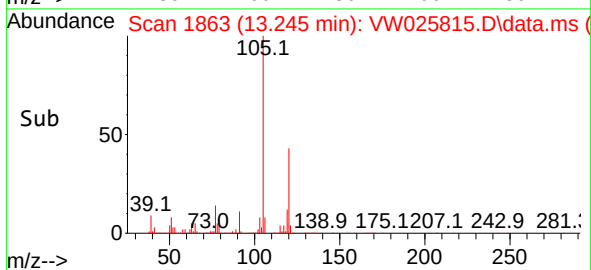
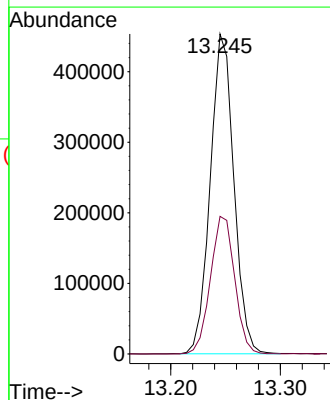
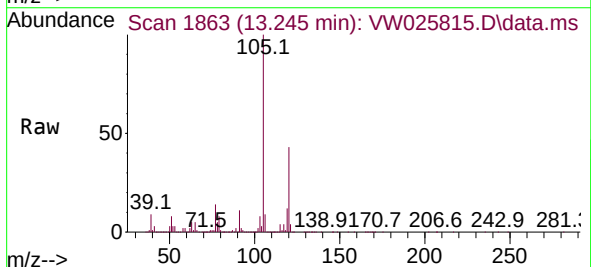
Acq: 03 May 2023 10:33

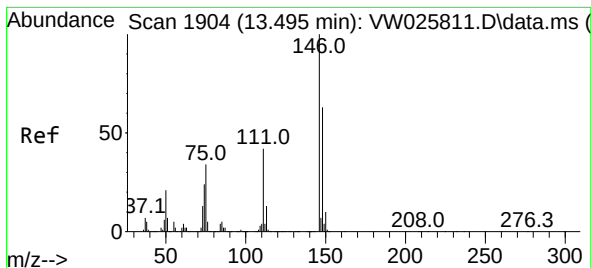
Tgt Ion:105 Resp: 678462

Ion Ratio Lower Upper

105 100

120 44.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 21.391 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

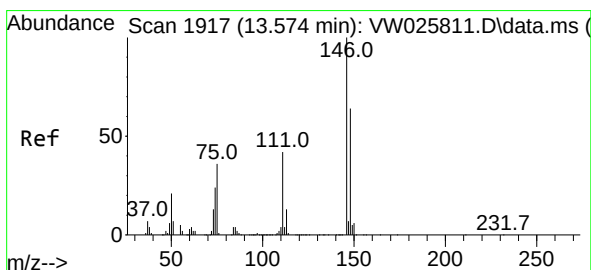
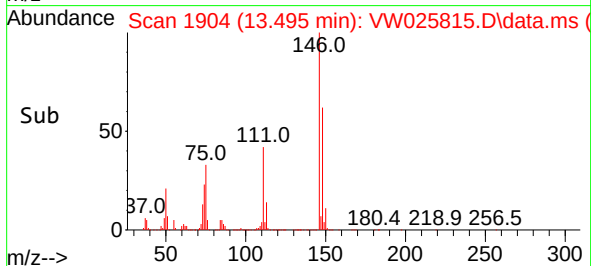
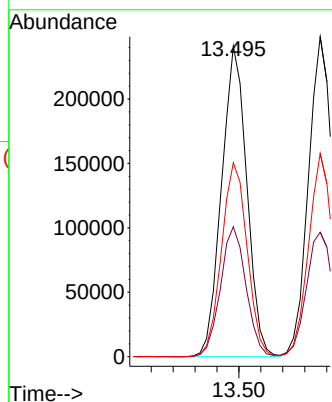
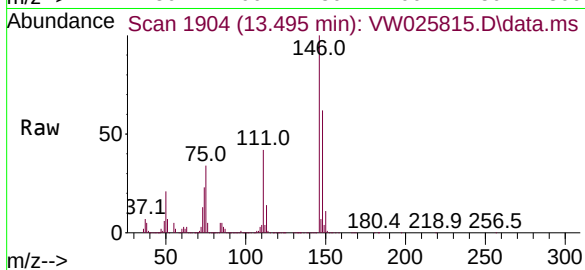
Tgt Ion:146 Resp: 385727

Ion Ratio Lower Upper

146 100

111 41.9 30.4 56.4

148 62.5 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 21.247 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

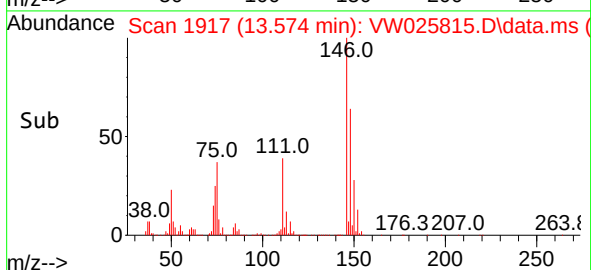
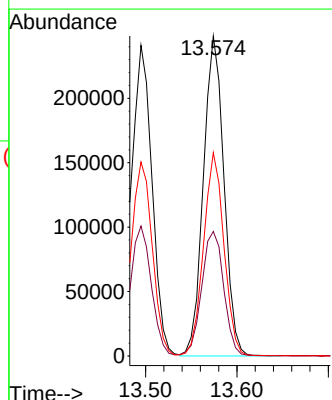
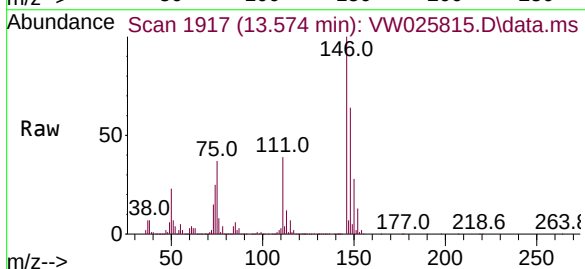
Tgt Ion:146 Resp: 387081

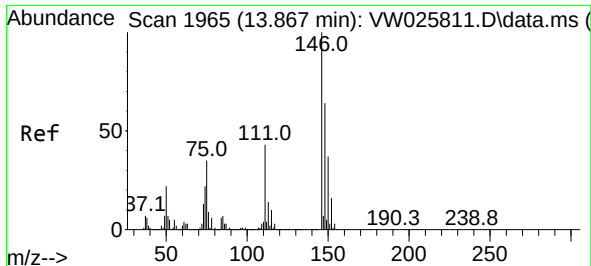
Ion Ratio Lower Upper

146 100

111 38.9 27.9 51.9

148 63.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 22.259 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

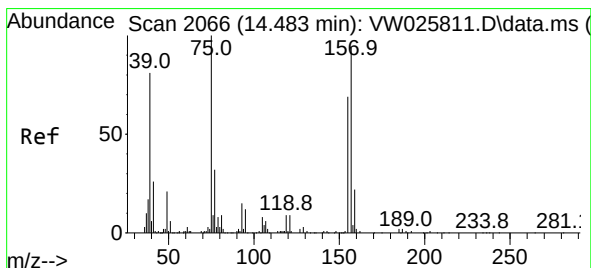
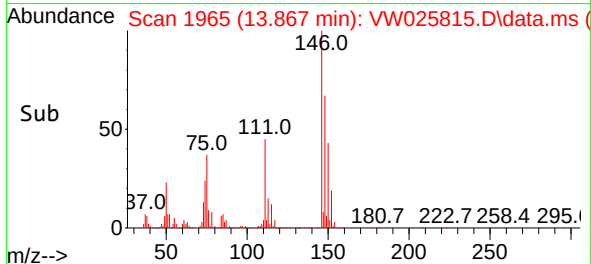
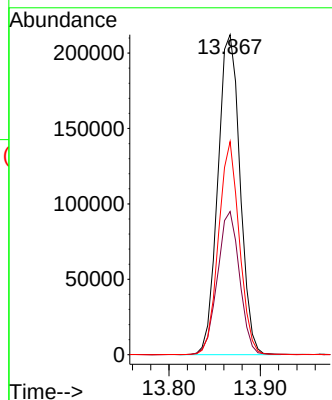
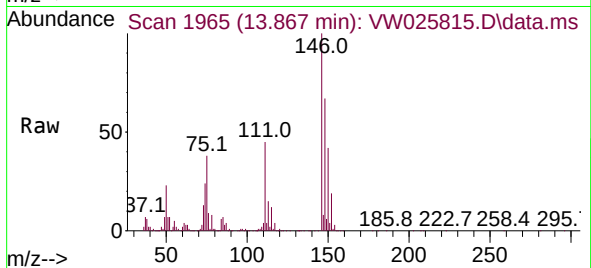
Tgt Ion:146 Resp: 357956

Ion Ratio Lower Upper

146 100

111 44.7 37.7 56.5

148 66.6 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.844 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

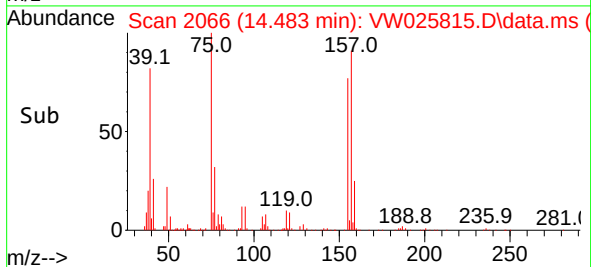
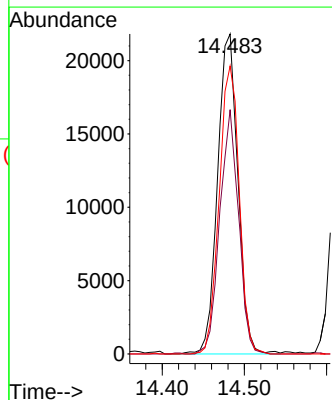
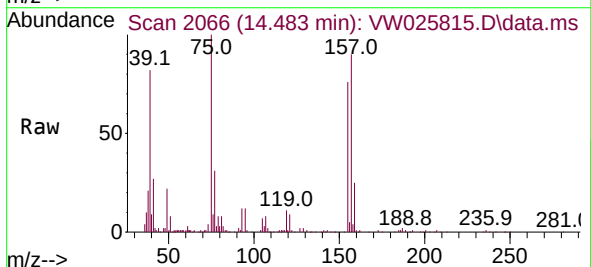
Tgt Ion: 75 Resp: 37520

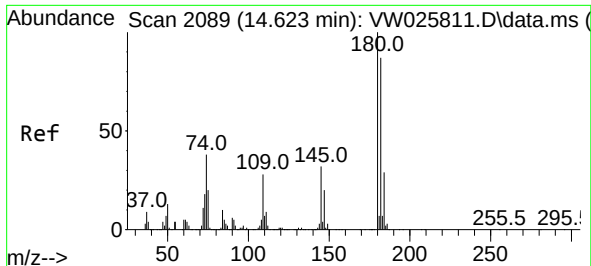
Ion Ratio Lower Upper

75 100

155 76.3 56.3 84.5

157 90.0 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 19.438 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

DCCJ7MS

Tgt Ion:180 Resp: 232670

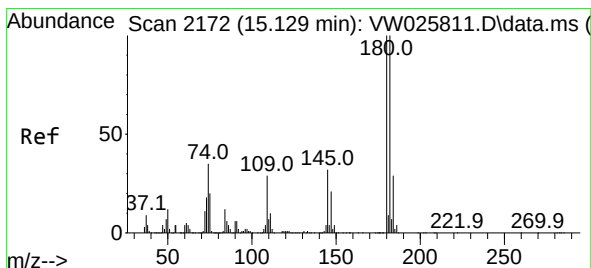
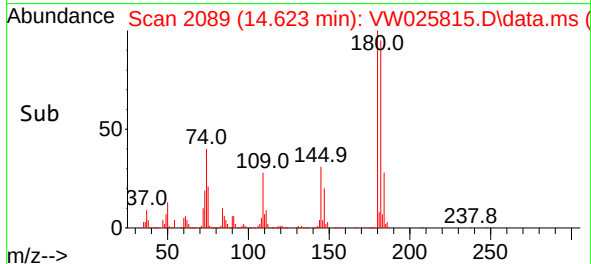
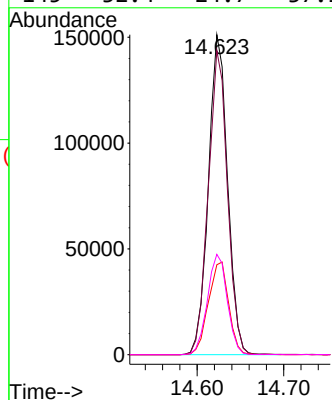
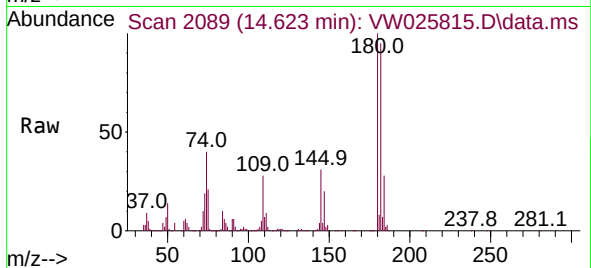
Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.0

184 30.6 24.7 37.1

145 32.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 20.153 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025815.D

Acq: 03 May 2023 10:33

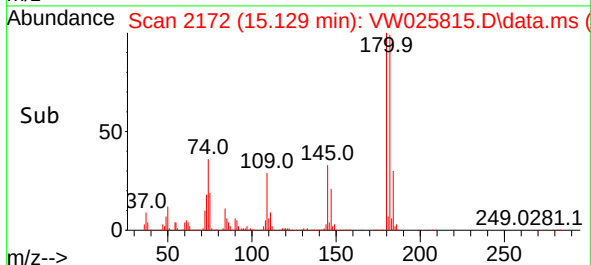
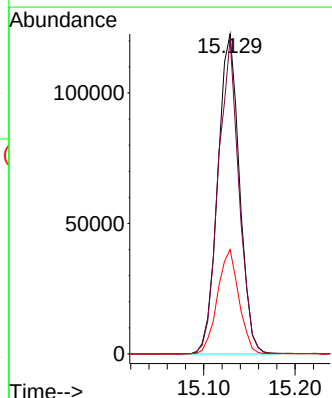
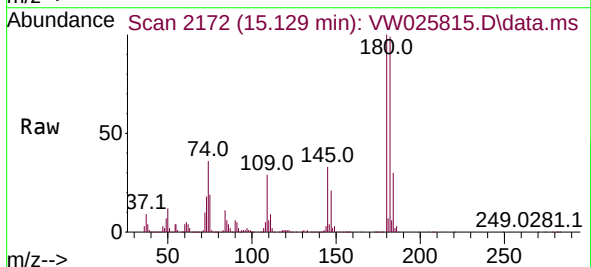
Tgt Ion:180 Resp: 202085

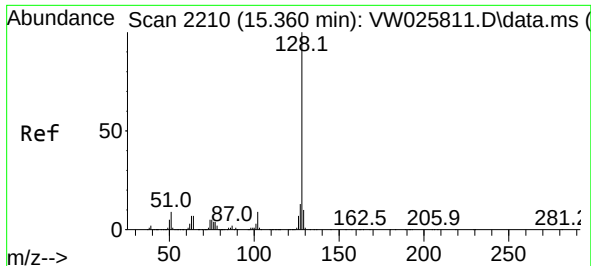
Ion Ratio Lower Upper

180 100

182 94.3 74.3 111.5

145 32.3 25.4 38.0

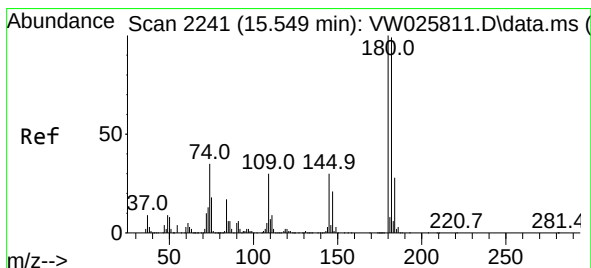
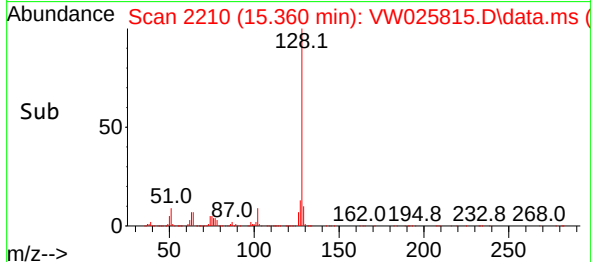
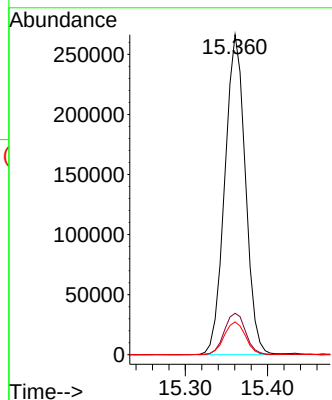
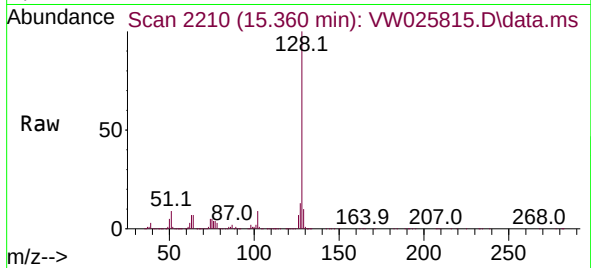




#71
Naphthalene
Concen: 24.426 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Instrument :
MSVOA_W
ClientSampleId :
DCCJ7MS

Tgt Ion:128 Resp: 462304
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 21.947 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW025815.D
Acq: 03 May 2023 10:33

Tgt Ion:180 Resp: 195273
Ion Ratio Lower Upper
180 100
182 93.3 76.1 114.1
145 32.9 28.0 42.0

