

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025356.D
 Acq On : 22 Feb 2023 13:41
 Operator : SY/MD
 Sample : 01628-02MS
 Misc : 5.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MS

Quant Time: Feb 22 21:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	454026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	393432	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	190511	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80822	21.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	2.899	69	61616	21.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
11) 1,1-Dichloroethene-d2	4.027	63	215299	21.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.320%
21) 2-Butanone-d5	7.075	46	42541	48.788	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
24) Chloroform-d	7.648	84	194525	22.335	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.320%
26) 1,2-Dichloroethane-d4	8.307	65	104205	23.064	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.240%
32) Benzene-d6	8.276	84	384742	23.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	9.276	67	108468	23.183	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.720%
41) Toluene-d8	10.325	98	353206	22.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.880%
43) trans-1,3-Dichloroprop...	10.575	79	50147	23.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.922	63	33841	49.585	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79447	22.682	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	107345	22.185	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	112103	19.668	ug/L	98
3) Chloromethane	2.222	50	112544	21.999	ug/L	97
5) Vinyl chloride	2.375	62	130707	21.946	ug/L	97
6) Bromomethane	2.789	94	83130	21.982	ug/L	99
8) Chloroethane	2.936	64	77546	22.250	ug/L	94
9) Trichlorofluoromethane	3.271	101	154041	21.315	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	125384	20.424	ug/L	92
12) 1,1-Dichloroethene	4.045	96	129442	22.126	ug/L	96
13) Acetone	4.118	43	93486	64.720	ug/L	98
14) Carbon disulfide	4.387	76	420477	22.035	ug/L	99
15) Methyl Acetate	4.667	43	49760	21.382	ug/L	98
16) Methylene chloride	4.923	84	140616	21.903	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	136128	22.196	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	204201	23.575	ug/L	100
19) 1,1-Dichloroethane	6.222	63	242841	22.035	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	146070	22.667	ug/L	98
22) 2-Butanone	7.167	43	96181	57.405	ug/L	98
23) Bromochloromethane	7.514	128	64477	23.447	ug/L	93
25) Chloroform	7.679	83	258985	22.836	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025356.D
 Acq On : 22 Feb 2023 13:41
 Operator : SY/MD
 Sample : 01628-02MS
 Misc : 5.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MS

Quant Time: Feb 22 21:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

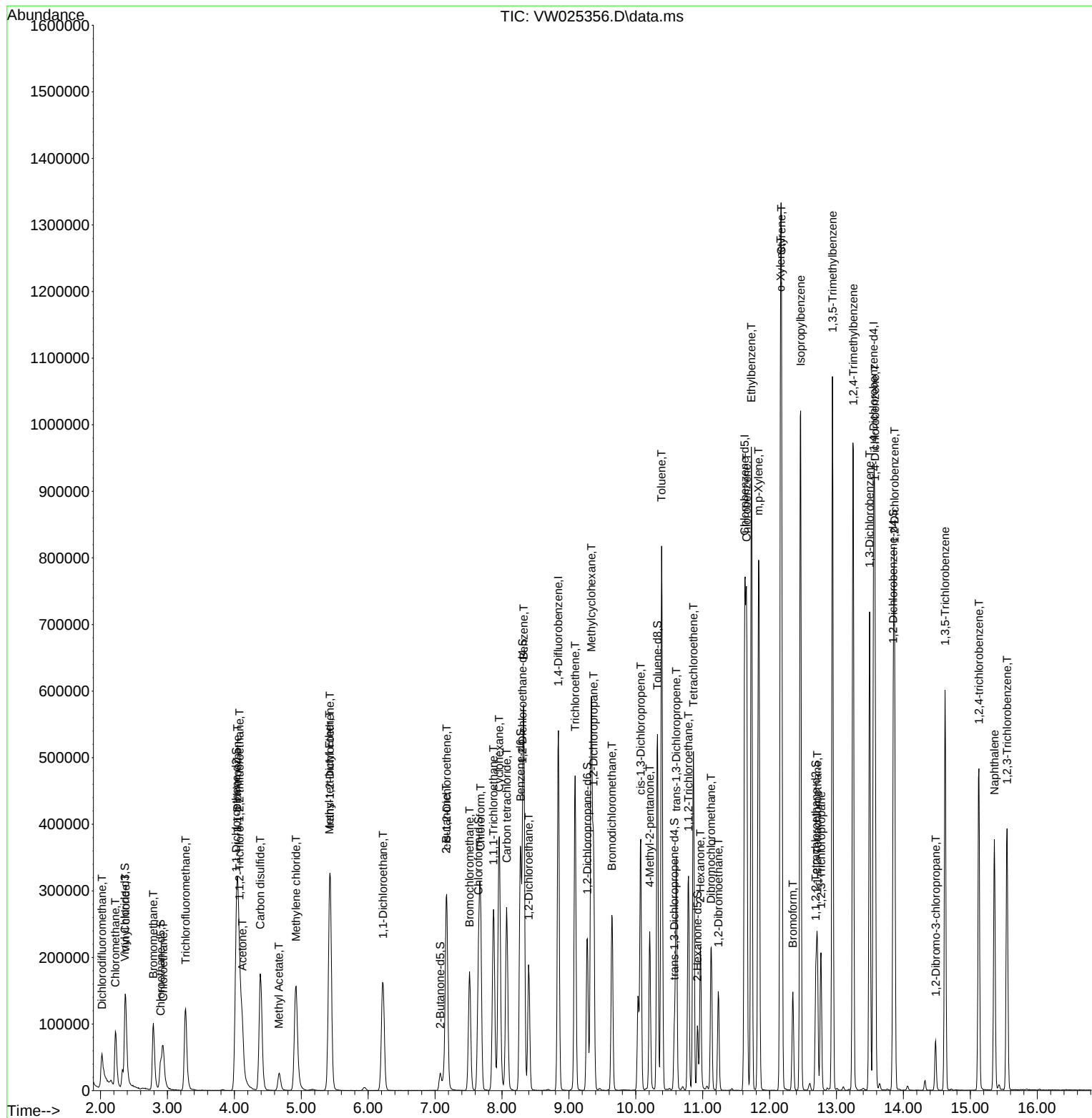
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	175814	22.983	ug/L	96
29) Cyclohexane	7.959	56	223120	22.529	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	226858	22.259	ug/L	100
31) Carbon tetrachloride	8.069	117	210002	21.892	ug/L	97
33) Benzene	8.325	78	545576	22.679	ug/L	100
34) Trichloroethene	9.093	95	162187	24.141	ug/L	99
35) Methylcyclohexane	9.337	83	250511	21.278	ug/L	99
37) 1,2-Dichloropropane	9.368	63	135161	23.227	ug/L	100
38) Bromodichloromethane	9.642	83	184492	23.374	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	226032	23.742	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	146217	49.393	ug/L	99
42) Toluene	10.386	91	588643	22.729	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	190013	23.742	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	102015	23.504	ug/L	98
46) Tetrachloroethene	10.861	164	109466	21.577	ug/L	96
48) 2-Hexanone	10.965	43	132092	59.784	ug/L	99
49) Dibromochloromethane	11.123	129	116238	23.185	ug/L	99
50) 1,2-Dibromoethane	11.233	107	99122	23.823	ug/L #	100
51) Chlorobenzene	11.654	112	373182	22.437	ug/L	98
52) Ethylbenzene	11.727	91	688992	22.958	ug/L	97
53) m,p-Xylene	11.837	106	257516	22.584	ug/L	97
54) o-Xylene	12.166	106	243390	23.089	ug/L	96
55) Styrene	12.178	104	416510	23.233	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	104159	21.021	ug/L	100
59) Bromoform	12.349	173	66279	23.239	ug/L	98
60) Isopropylbenzene	12.465	105	672591	21.585	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	86723	22.976	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	564565	22.561	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	544211	22.974	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	279793	22.964	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	277888	22.750	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	242095	21.667	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	19920	22.840	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	176722	21.190	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	142287	19.662	ug/L	92
71) Naphthalene	15.360	128	315816	22.696	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	125563	20.431	ug/L	99

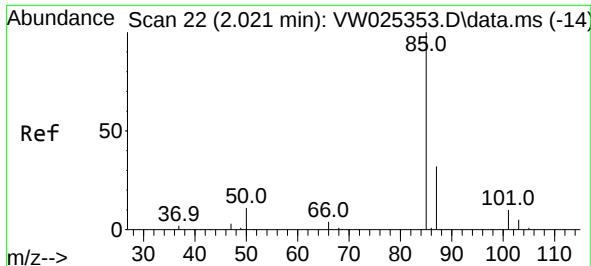
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025356.D
 Acq On : 22 Feb 2023 13:41
 Operator : SY/MD
 Sample : 01628-02MS
 Misc : 5.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MS

Quant Time: Feb 22 21:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

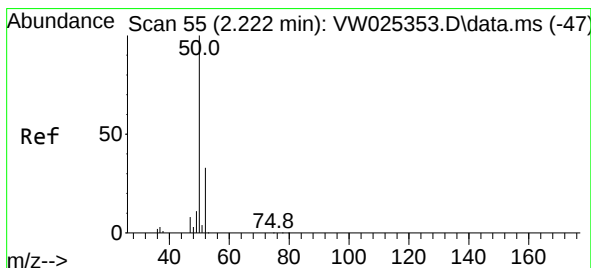
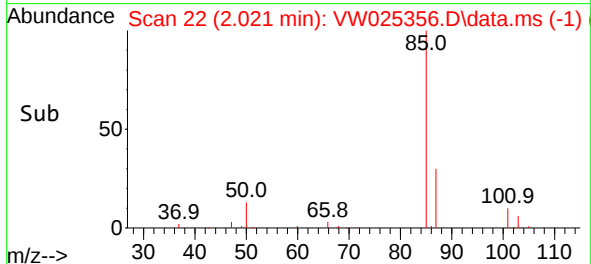
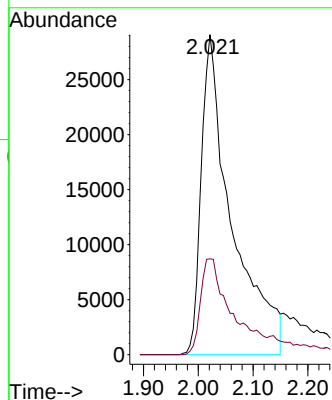
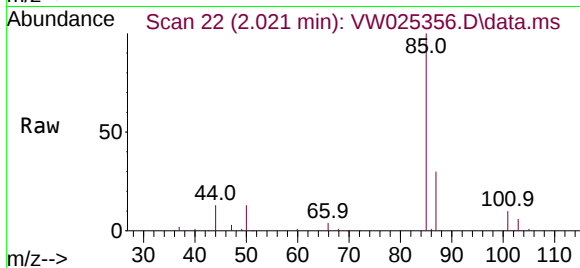




#2
 Dichlorodifluoromethane
 Concen: 19.668 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025356.D
 Acq: 22 Feb 2023 13:41

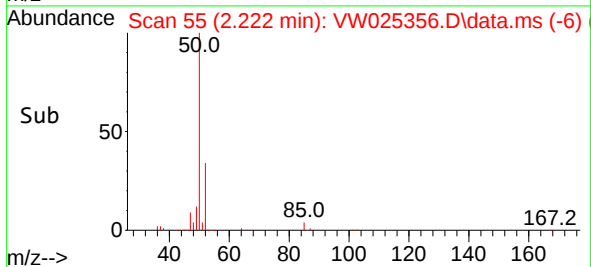
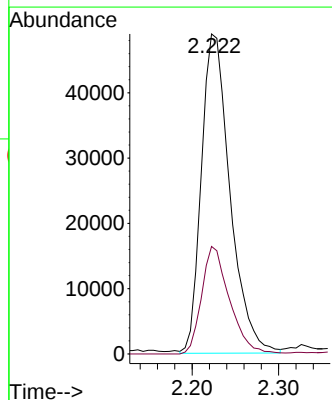
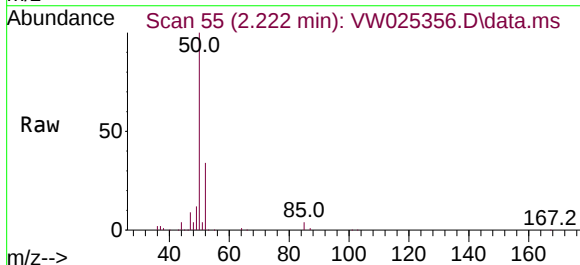
Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MS

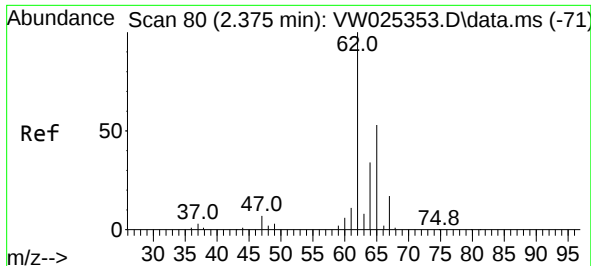
Tgt Ion: 85 Resp: 112103
 Ion Ratio Lower Upper
 85 100
 87 24.9 20.6 30.8



#3
 Chloromethane
 Concen: 21.999 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025356.D
 Acq: 22 Feb 2023 13:41

Tgt Ion: 50 Resp: 112544
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.3 41.3

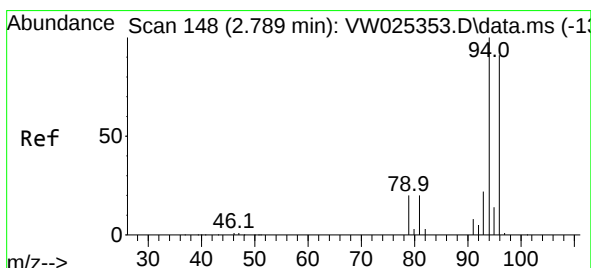
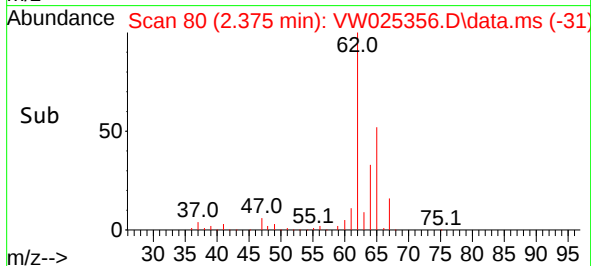
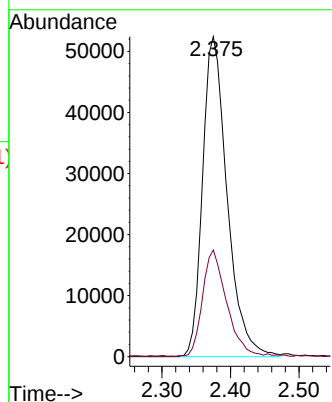
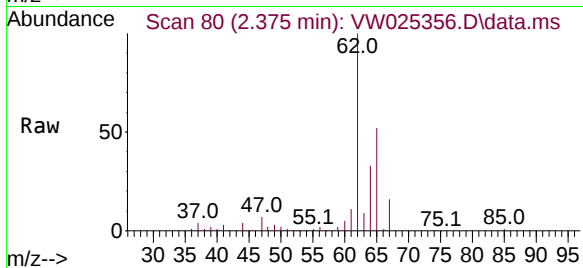




#5
 Vinyl chloride
 Concen: 21.946 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025356.D
 Acq: 22 Feb 2023 13:41

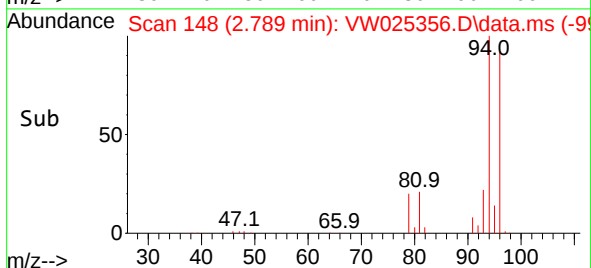
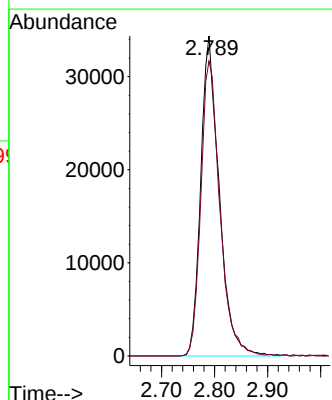
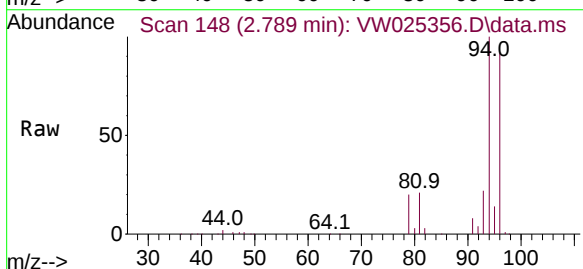
Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MS

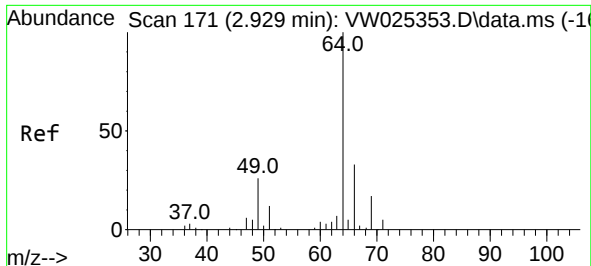
Tgt Ion: 62 Resp: 130707
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.2 41.2



#6
 Bromomethane
 Concen: 21.982 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025356.D
 Acq: 22 Feb 2023 13:41

Tgt Ion: 94 Resp: 83130
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.2 121.0

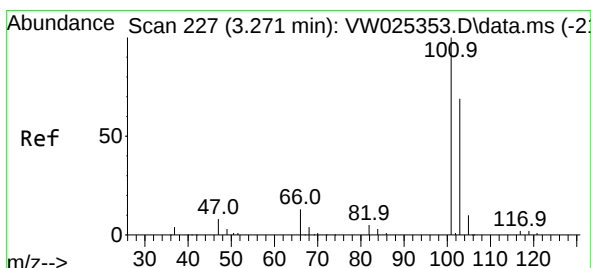
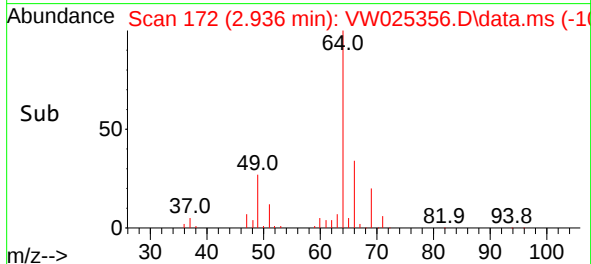
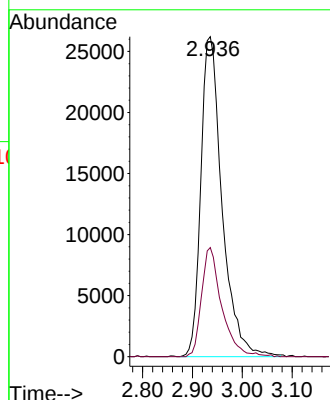
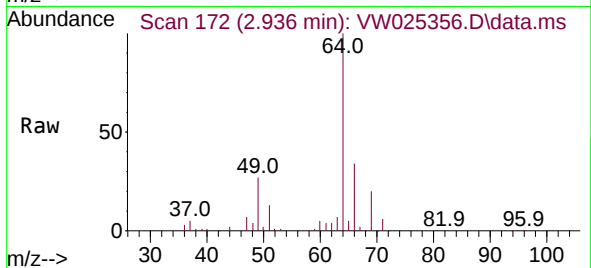




#8
Chloroethane
Concen: 22.250 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

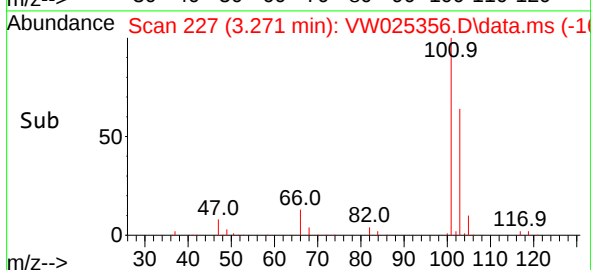
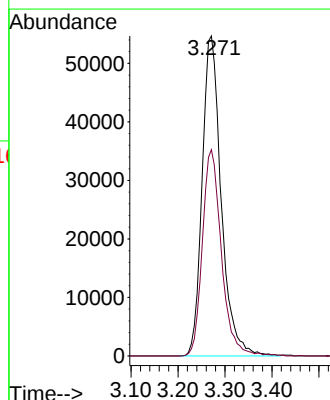
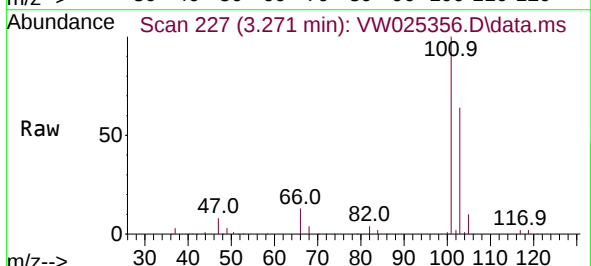
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

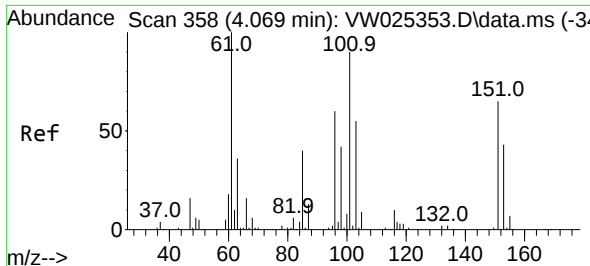
Tgt Ion: 64 Resp: 77546
Ion Ratio Lower Upper
64 100
66 34.1 21.6 40.0



#9
Trichlorofluoromethane
Concen: 21.315 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion:101 Resp: 154041
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

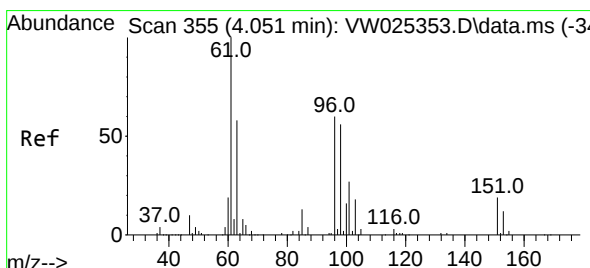
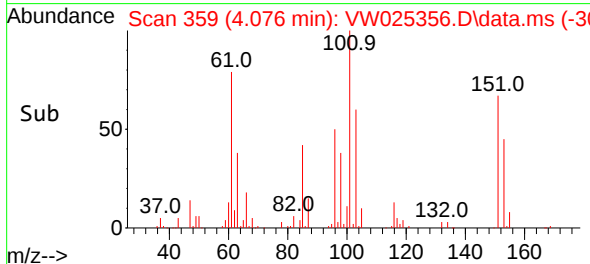
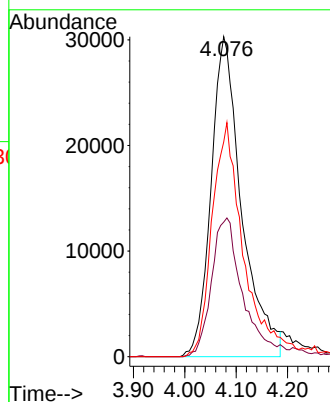
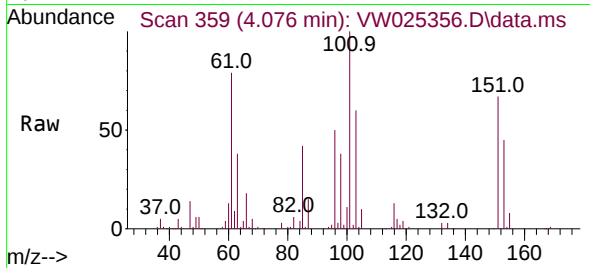




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.424 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW025356.D
 Acq: 22 Feb 2023 13:41

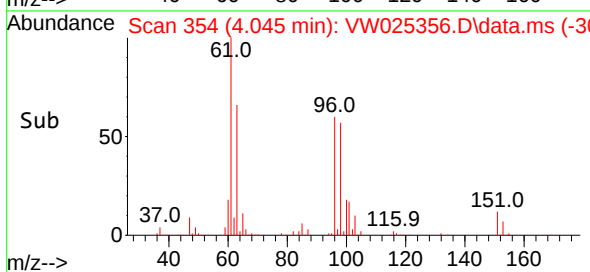
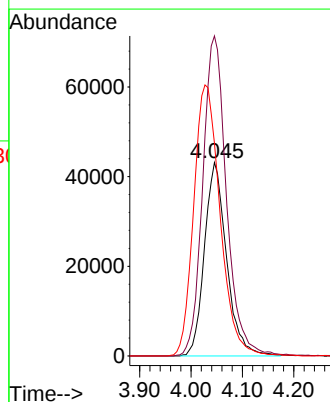
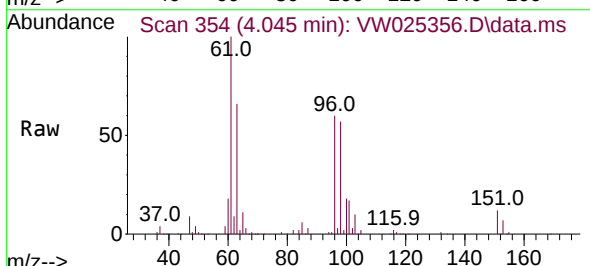
Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MS

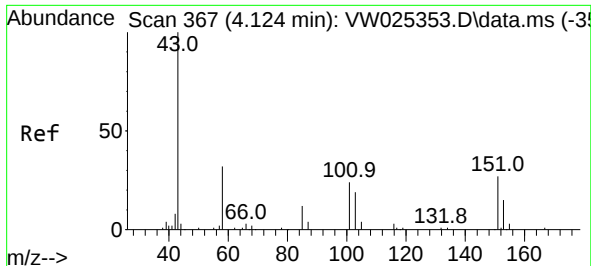
Tgt Ion:101 Resp: 125384
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.3 54.5
 151 74.8 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 22.126 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025356.D
 Acq: 22 Feb 2023 13:41

Tgt Ion: 96 Resp: 129442
 Ion Ratio Lower Upper
 96 100
 61 165.5 119.3 221.5
 63 110.0 74.5 138.5

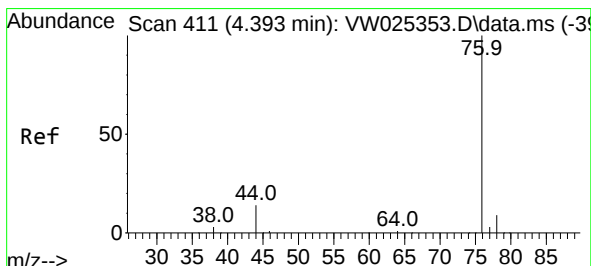
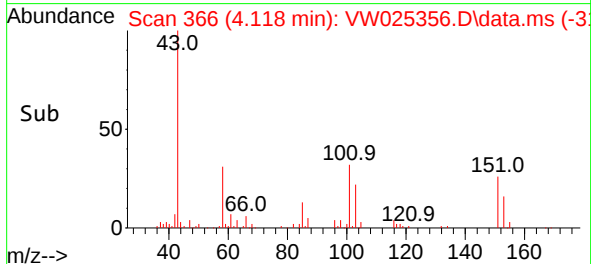
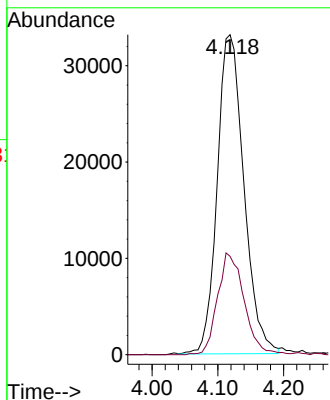
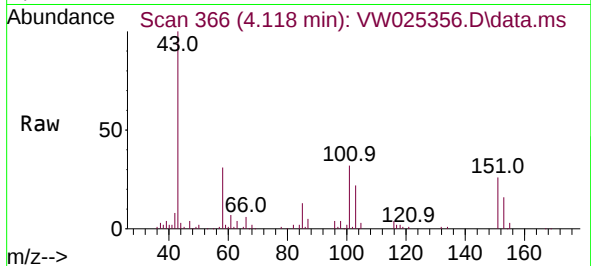




#13
Acetone
Concen: 64.720 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

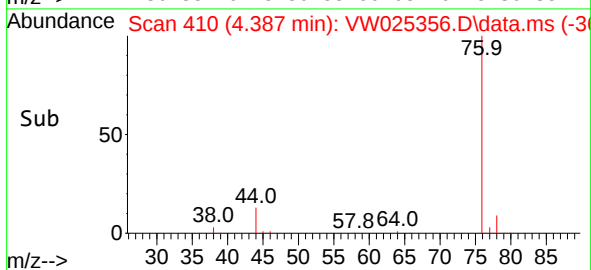
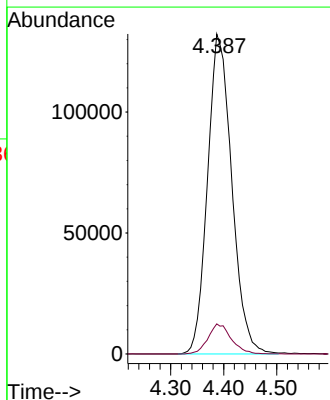
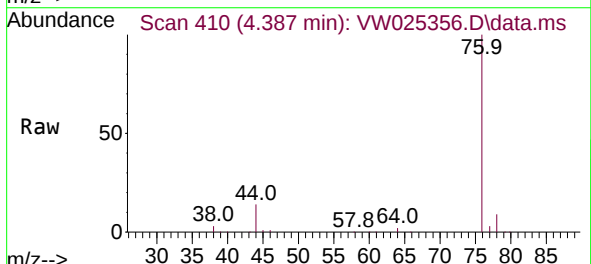
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

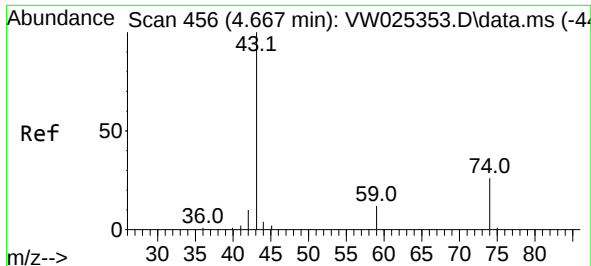
Tgt Ion: 43 Resp: 93486
Ion Ratio Lower Upper
43 100
58 31.6 0.0 61.6



#14
Carbon disulfide
Concen: 22.035 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion: 76 Resp: 420477
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

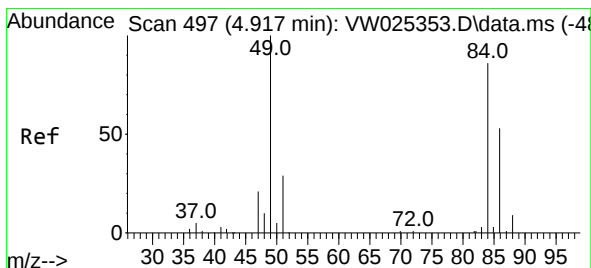
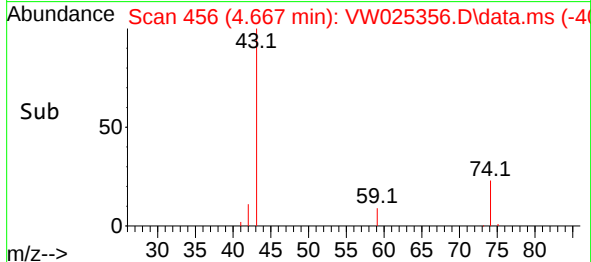
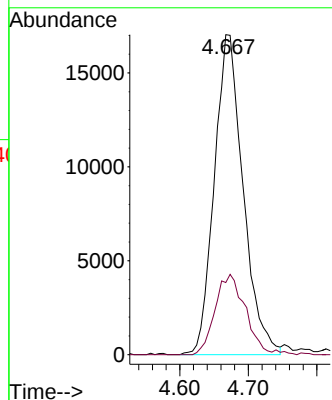
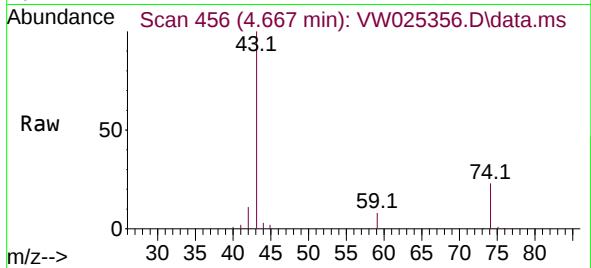




#15
Methyl Acetate
Concen: 21.382 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

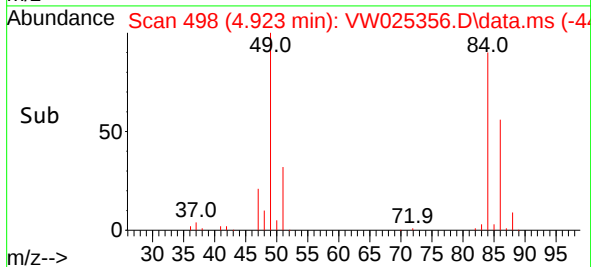
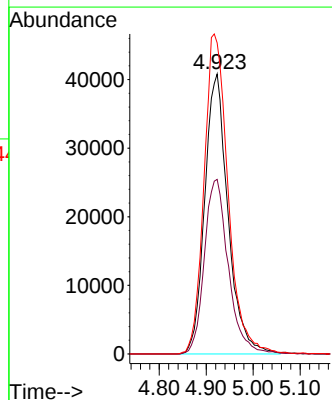
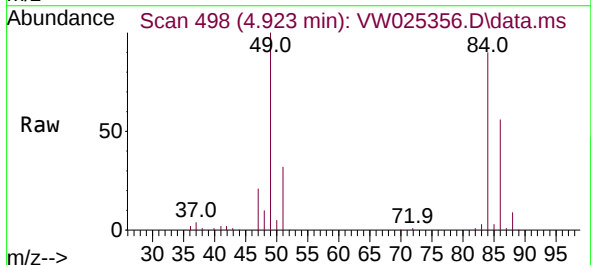
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

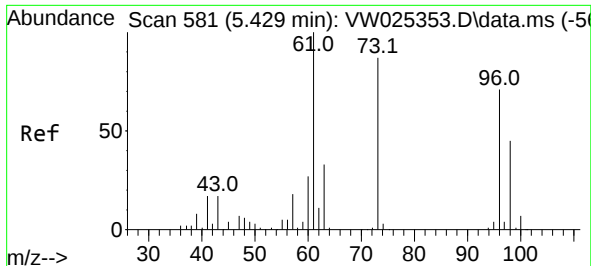
Tgt Ion: 43 Resp: 49760
Ion Ratio Lower Upper
43 100
74 26.1 20.2 30.4



#16
Methylene chloride
Concen: 21.903 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion: 84 Resp: 140616
Ion Ratio Lower Upper
84 100
86 62.4 41.8 77.6
49 111.1 80.3 149.1





#17

trans-1,2-Dichloroethene

Concen: 22.196 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

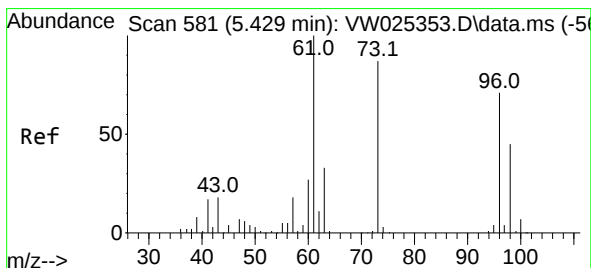
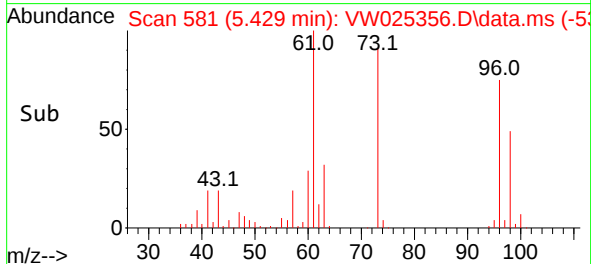
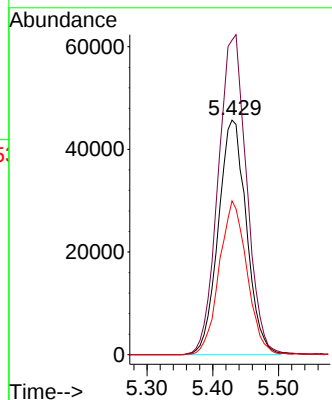
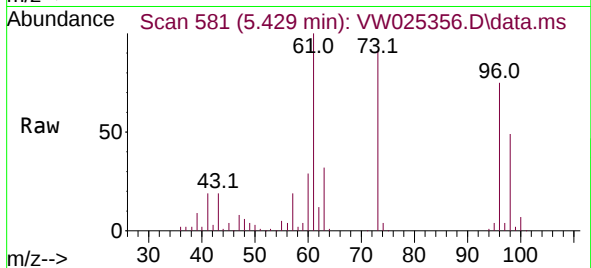
Tgt Ion: 96 Resp: 136128

Ion Ratio Lower Upper

96 100

61 134.1 94.8 176.0

98 65.5 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 23.575 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

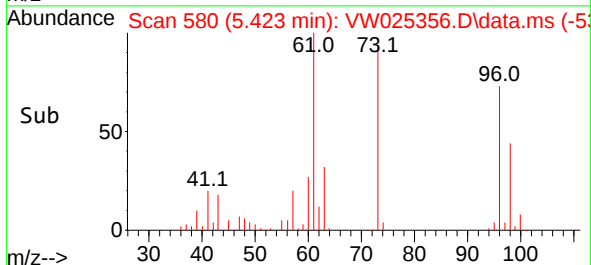
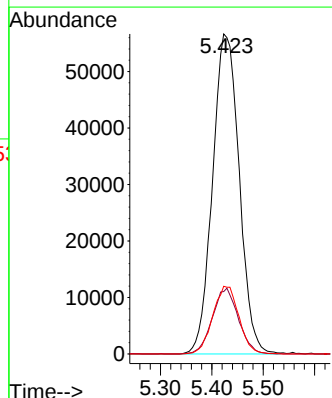
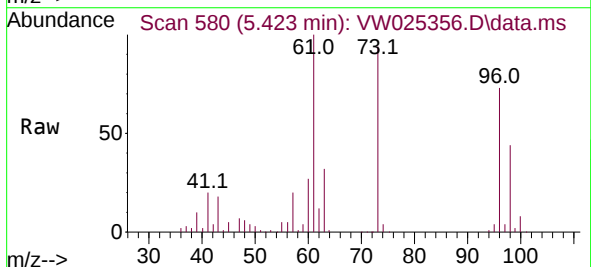
Tgt Ion: 73 Resp: 204201

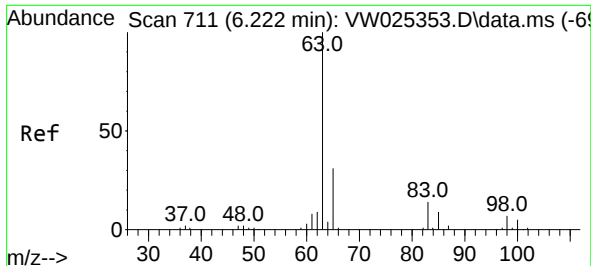
Ion Ratio Lower Upper

73 100

43 20.0 16.1 24.1

57 20.7 16.6 25.0





#19

1,1-Dichloroethane

Concen: 22.035 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

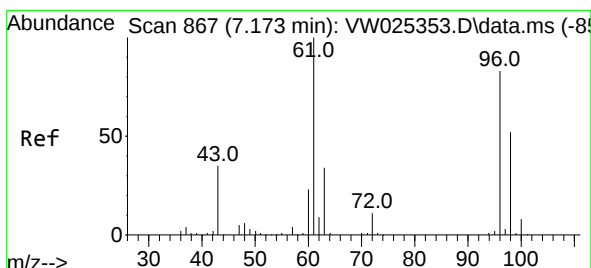
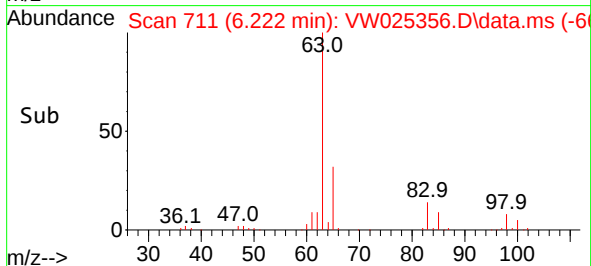
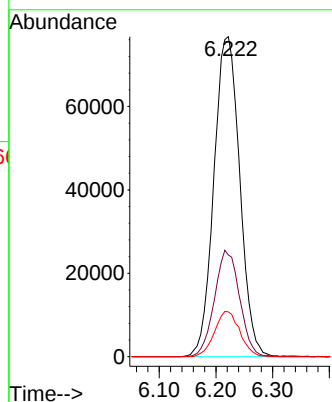
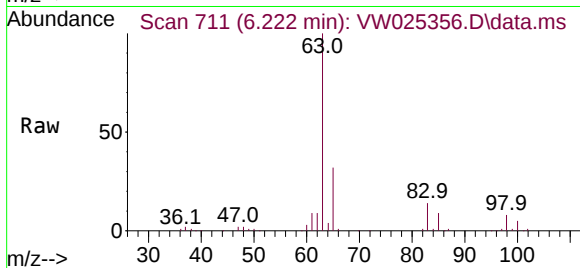
Tgt Ion: 63 Resp: 242841

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 14.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 22.667 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

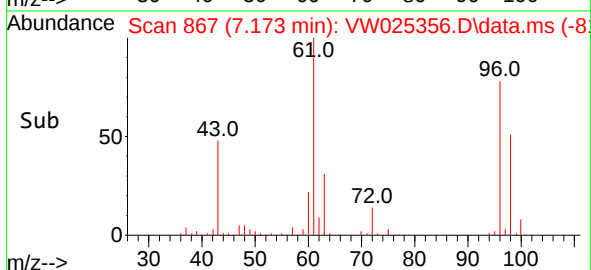
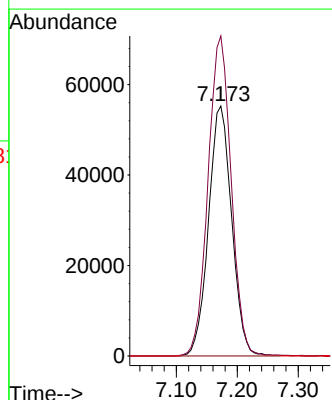
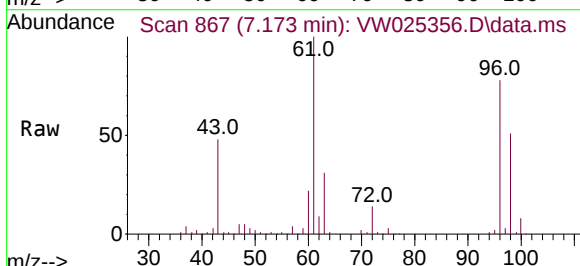
Tgt Ion: 96 Resp: 146070

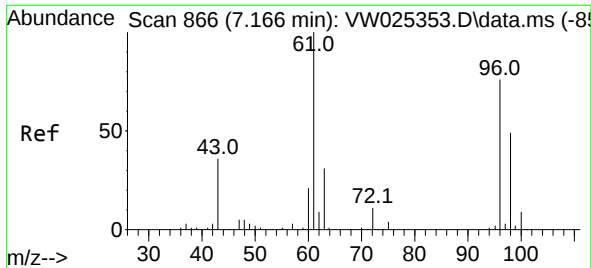
Ion Ratio Lower Upper

96 100

61 128.0 90.9 168.9

68 0.0 0.0 0.0

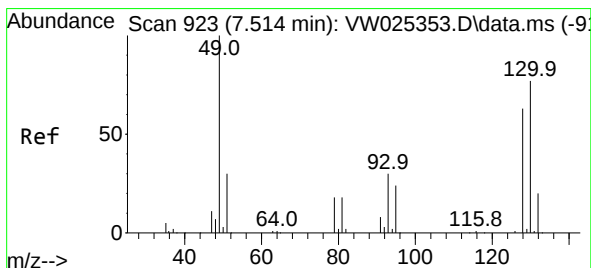
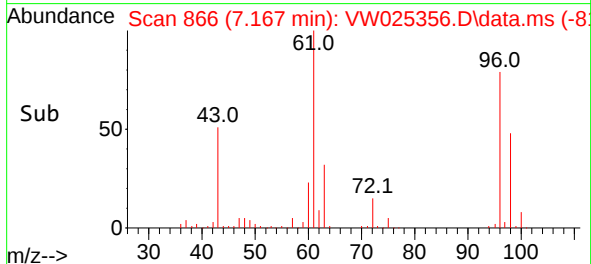
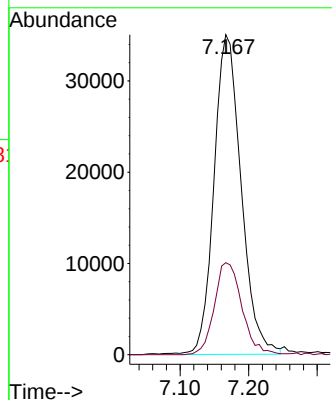
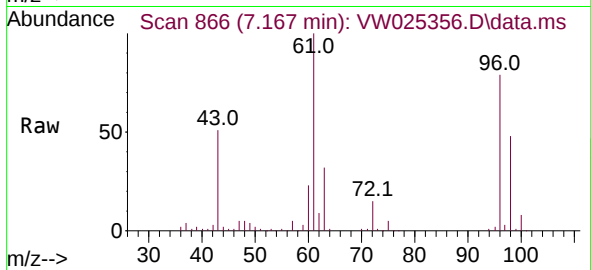




#22
2-Butanone
Concen: 57.405 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

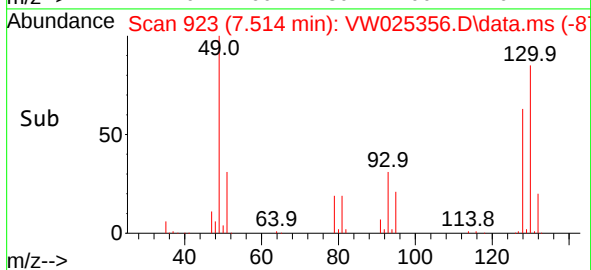
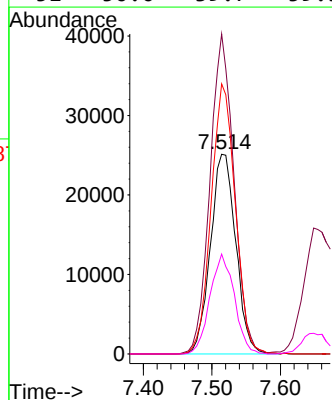
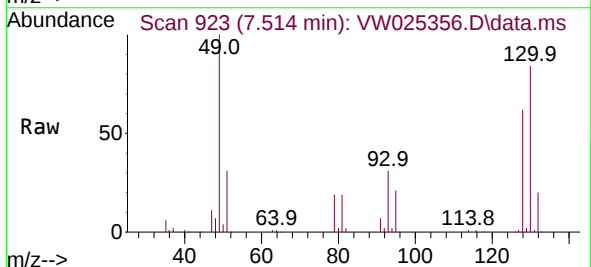
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

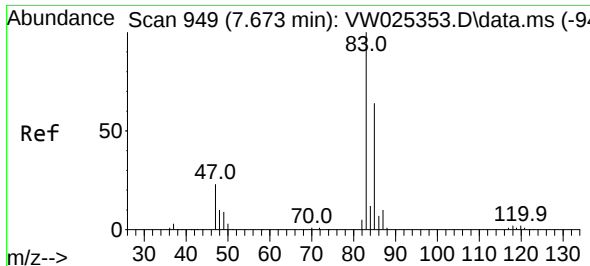
Tgt Ion: 43 Resp: 96181
Ion Ratio Lower Upper
43 100
72 28.8 15.0 45.1



#23
Bromochloromethane
Concen: 23.447 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion: 128 Resp: 64477
Ion Ratio Lower Upper
128 100
49 160.3 102.4 190.2
130 135.3 90.1 167.3
51 50.0 39.7 59.5

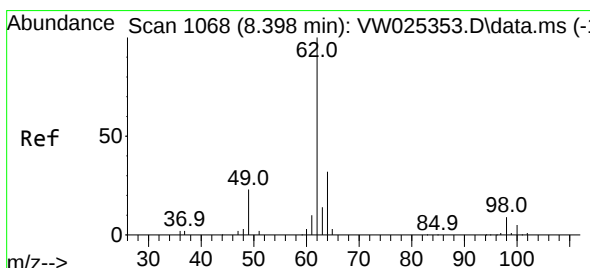
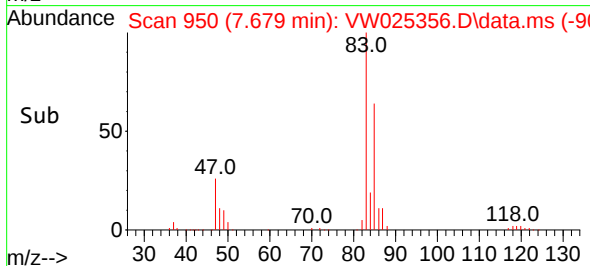
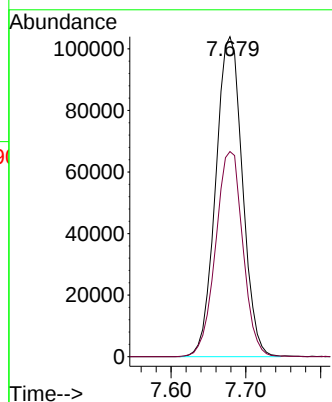
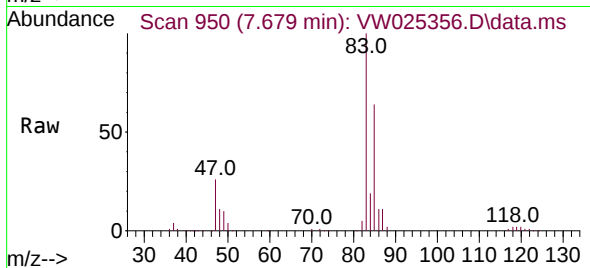




#25
Chloroform
Concen: 22.836 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

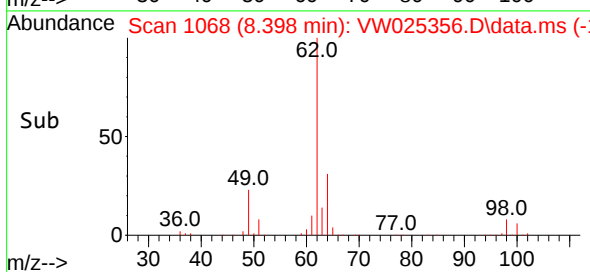
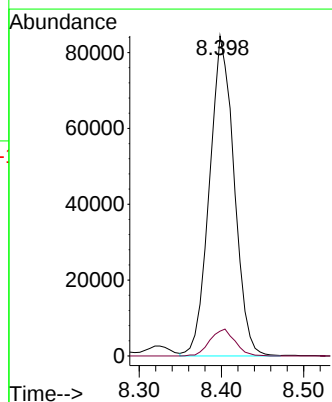
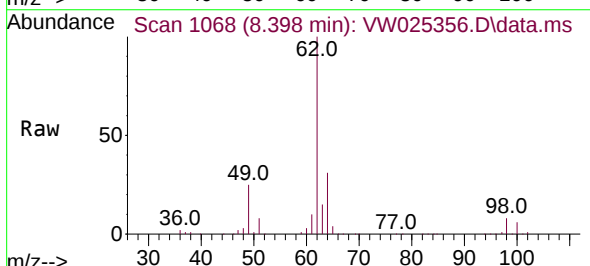
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

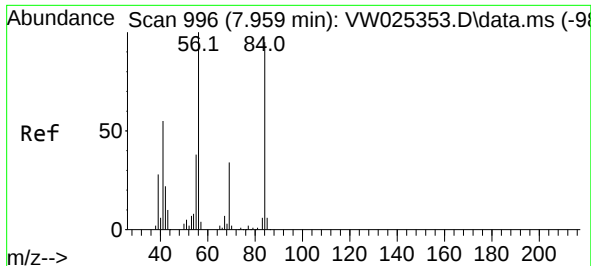
Tgt Ion: 83 Resp: 258985
Ion Ratio Lower Upper
83 100
85 64.1 45.9 85.3



#27
1,2-Dichloroethane
Concen: 22.983 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion: 62 Resp: 175814
Ion Ratio Lower Upper
62 100
98 7.7 7.4 11.0





#29

Cyclohexane

Concen: 22.529 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

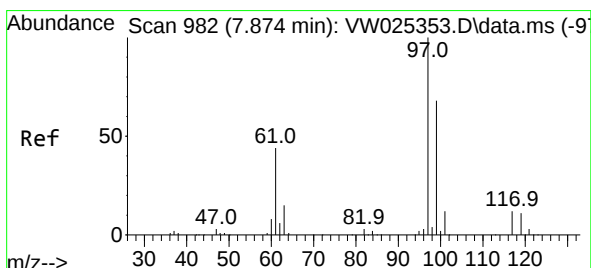
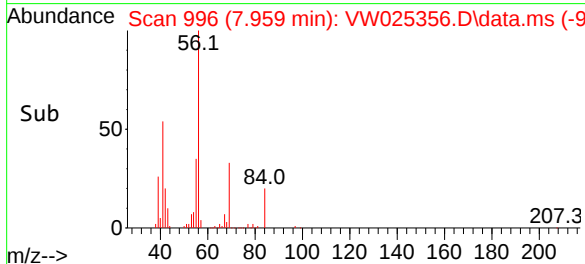
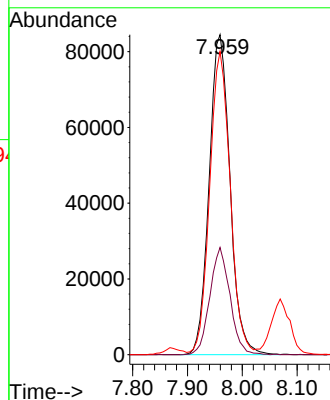
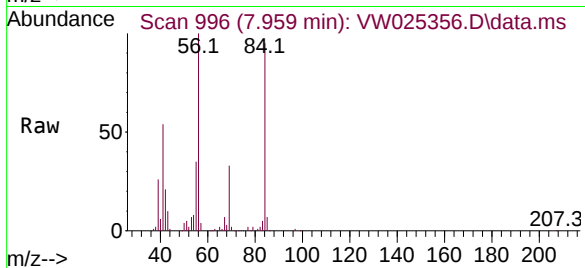
Tgt Ion: 56 Resp: 223120

Ion Ratio Lower Upper

56 100

69 32.3 25.9 38.9

84 93.0 74.6 111.8



#30

1,1,1-Trichloroethane

Concen: 22.259 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

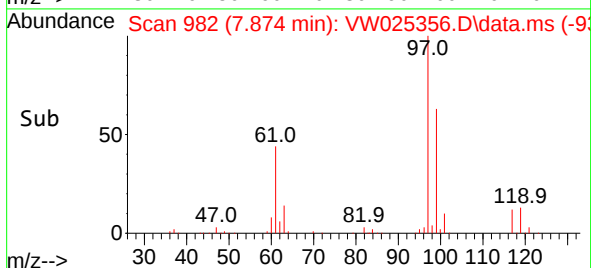
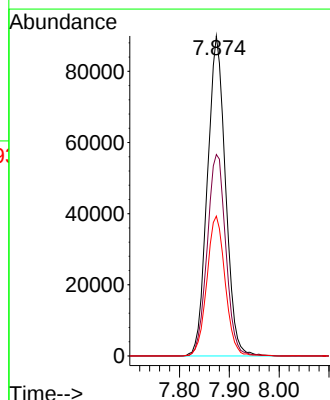
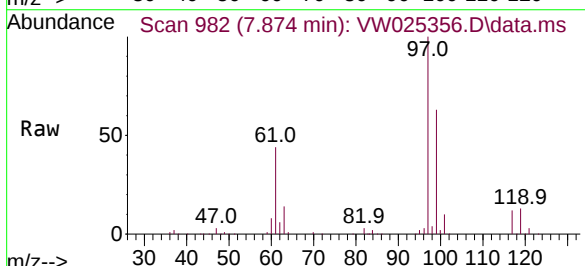
Tgt Ion: 97 Resp: 226858

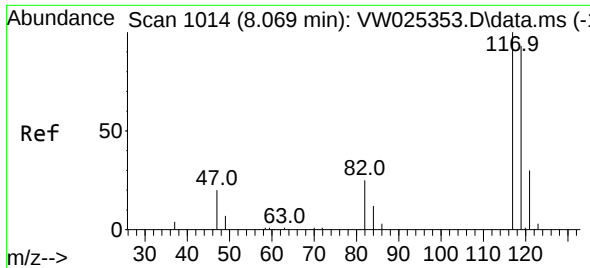
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 44.1 35.1 52.7

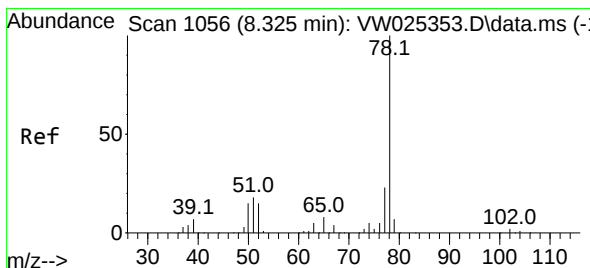
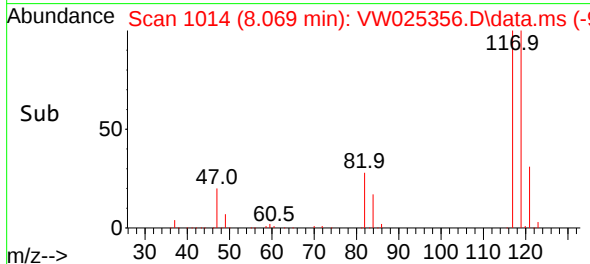
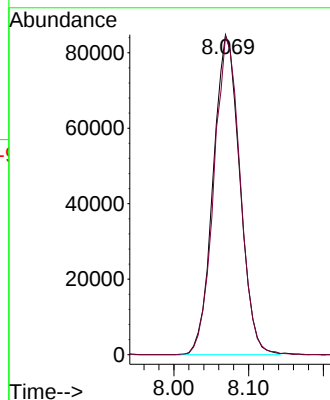
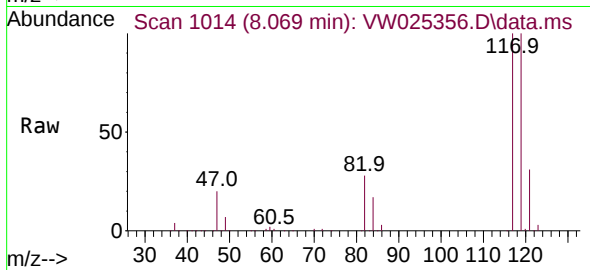




#31
Carbon tetrachloride
Concen: 21.892 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

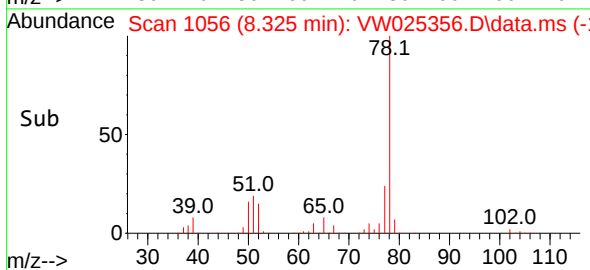
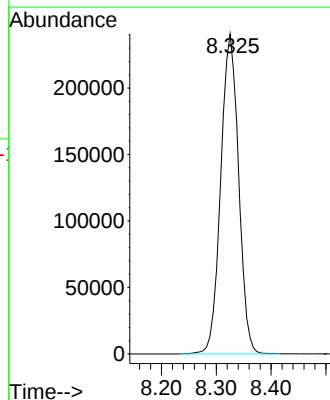
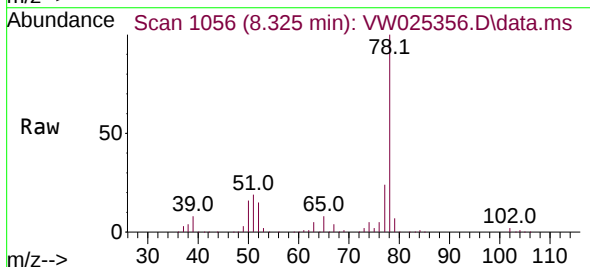
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

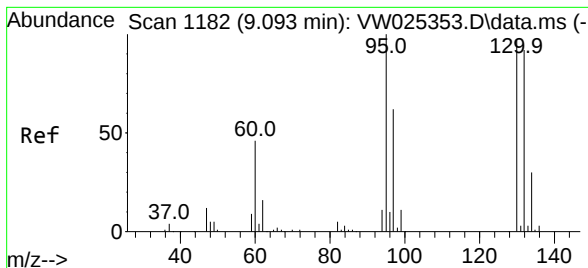
Tgt Ion:117 Resp: 210002
Ion Ratio Lower Upper
117 100
119 98.2 76.3 114.5



#33
Benzene
Concen: 22.679 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion: 78 Resp: 545576





#34

Trichloroethene

Concen: 24.141 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

Tgt Ion: 95 Resp: 162187

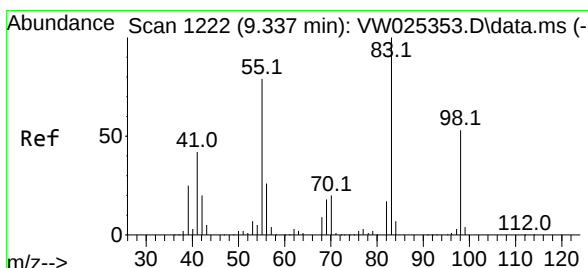
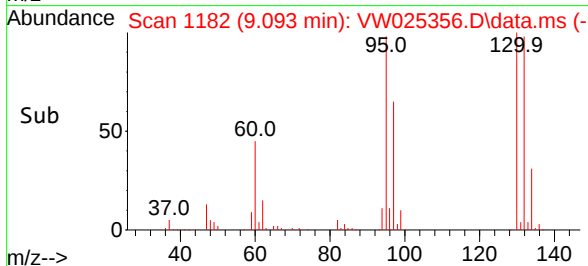
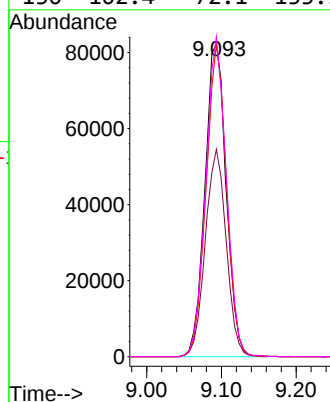
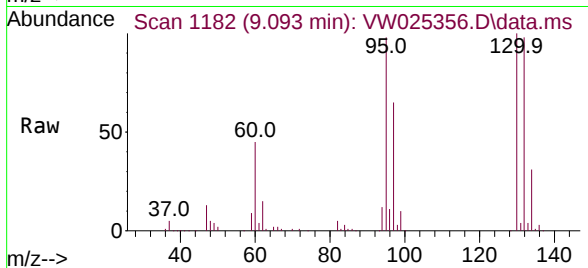
Ion Ratio Lower Upper

95 100

97 66.4 46.3 85.9

132 99.9 69.3 128.7

130 102.4 72.1 133.9



#35

Methylcyclohexane

Concen: 21.278 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

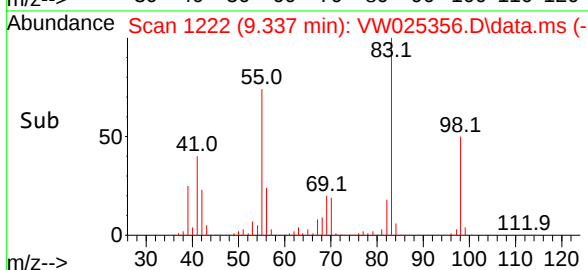
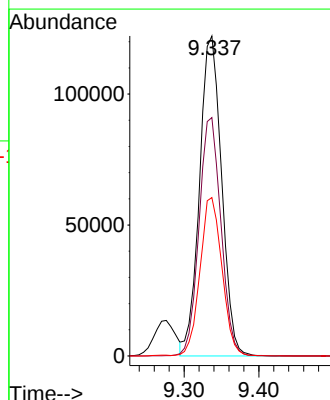
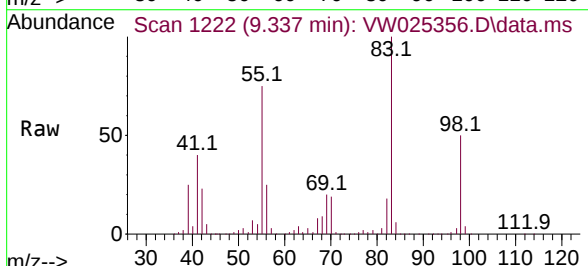
Tgt Ion: 83 Resp: 250511

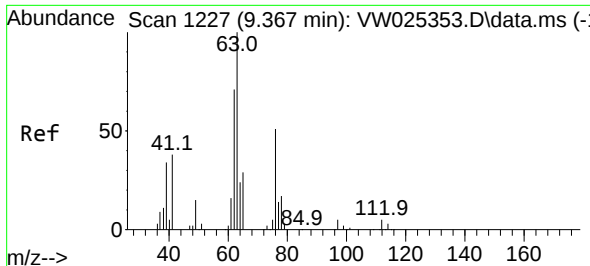
Ion Ratio Lower Upper

83 100

55 74.0 58.4 87.6

98 49.3 39.1 58.7





#37

1,2-Dichloropropane

Concen: 23.227 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

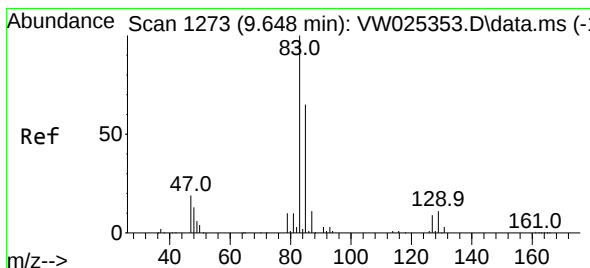
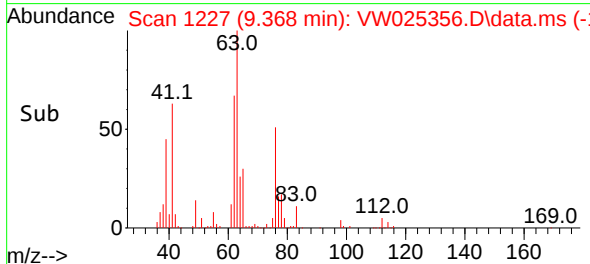
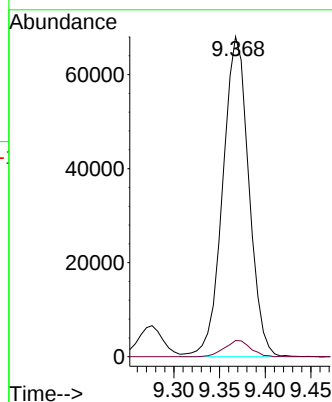
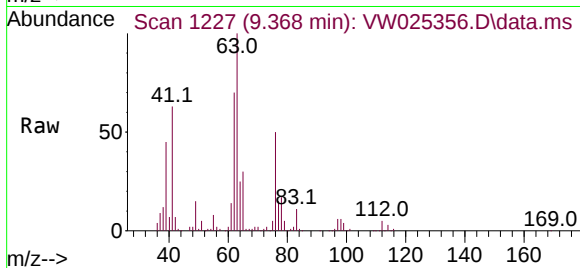
EXZC0MS

Tgt Ion: 63 Resp: 135161

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 23.374 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

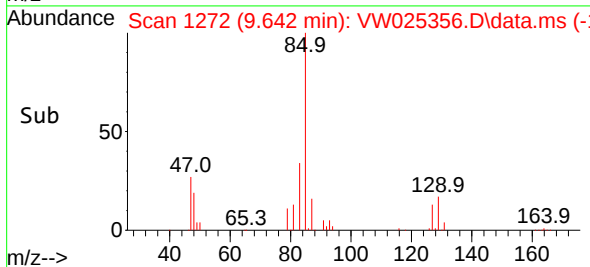
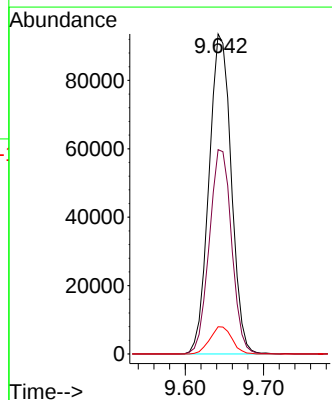
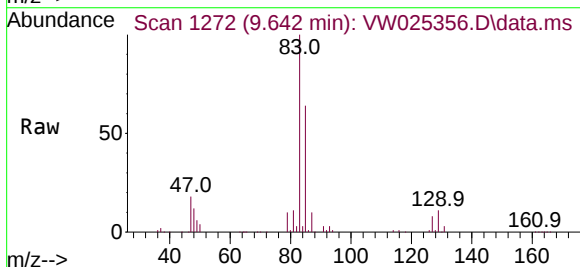
Tgt Ion: 83 Resp: 184492

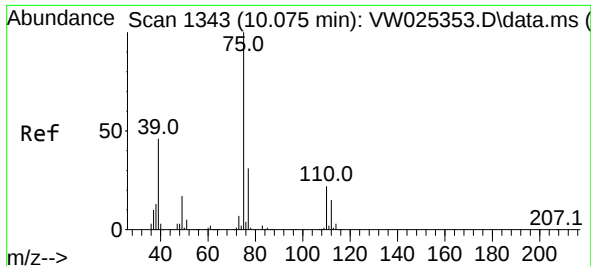
Ion Ratio Lower Upper

83 100

85 63.9 46.0 85.4

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 23.742 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

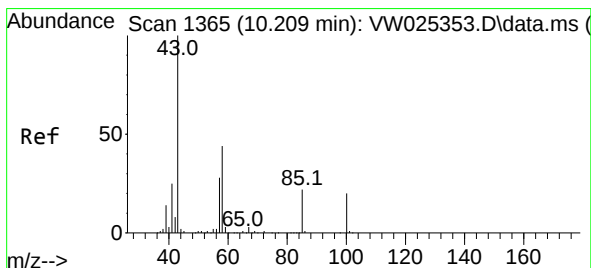
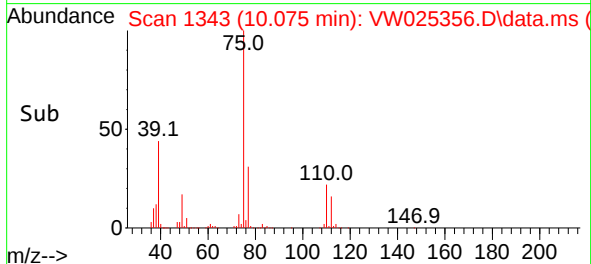
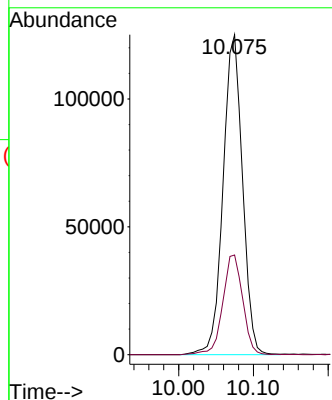
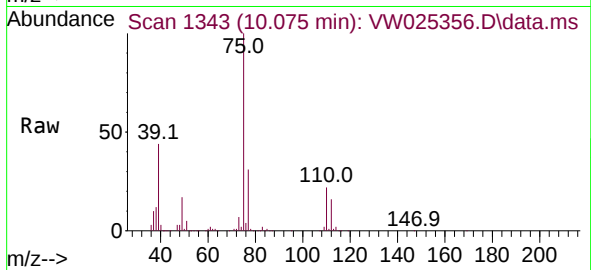
EXZC0MS

Tgt Ion: 75 Resp: 226032

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 49.393 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

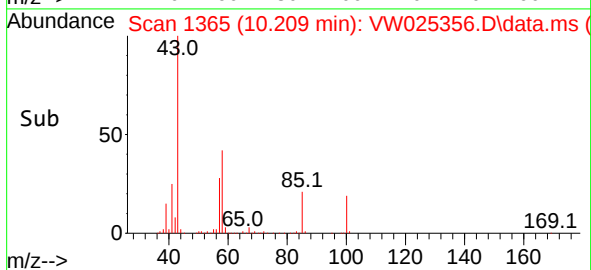
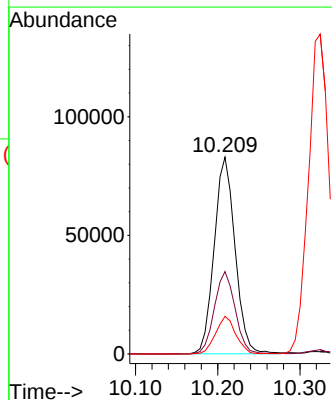
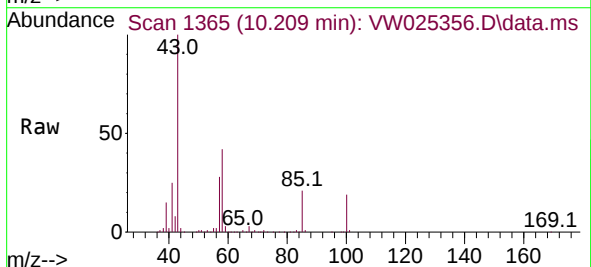
Tgt Ion: 43 Resp: 146217

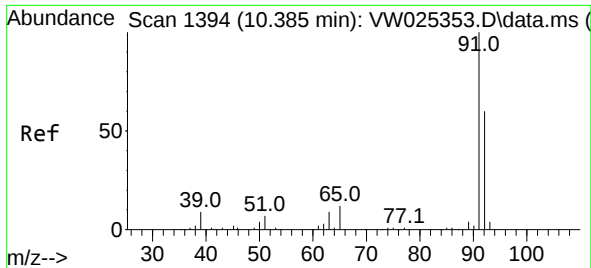
Ion Ratio Lower Upper

43 100

58 41.8 33.9 50.9

100 18.5 14.8 22.2





#42

Toluene

Concen: 22.729 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

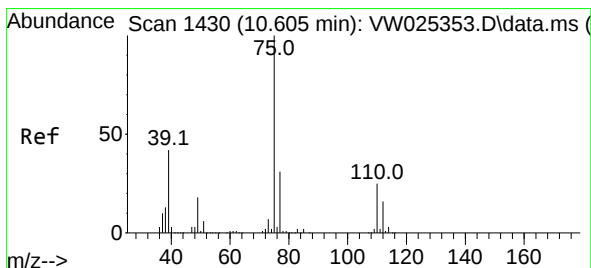
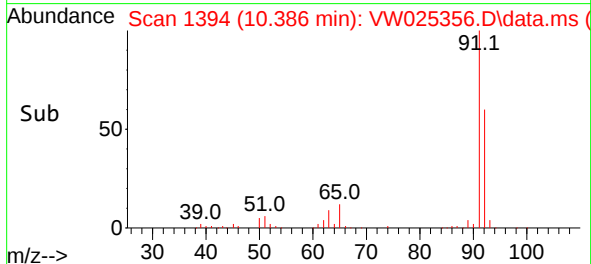
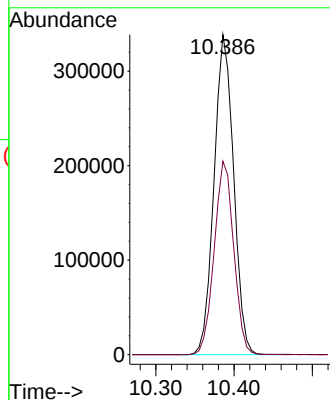
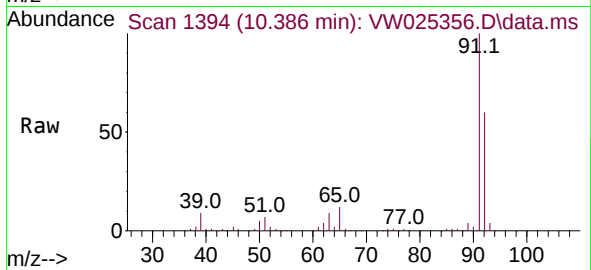
EXZCOMS

Tgt Ion: 91 Resp: 588643

Ion Ratio Lower Upper

91 100

92 60.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 23.742 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025356.D

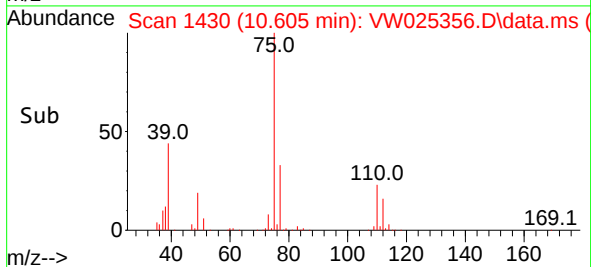
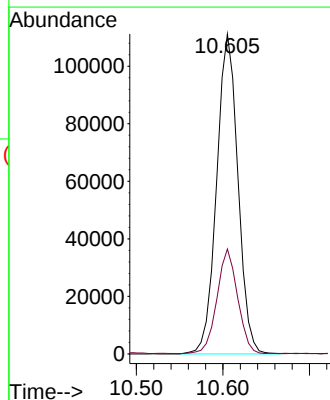
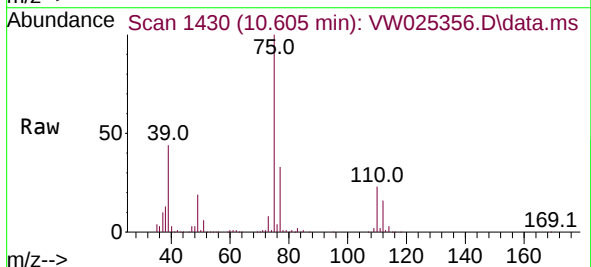
Acq: 22 Feb 2023 13:41

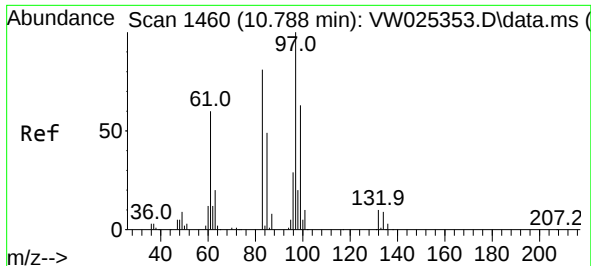
Tgt Ion: 75 Resp: 190013

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.7



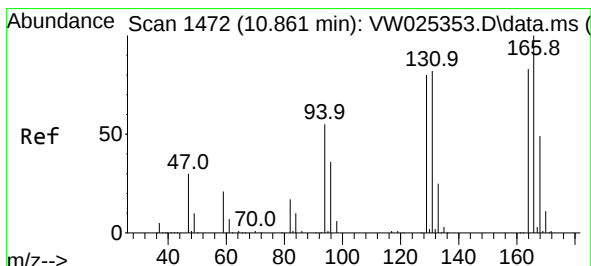
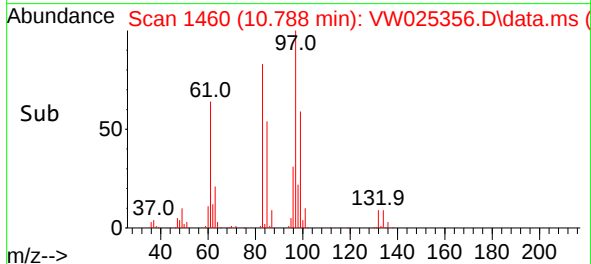
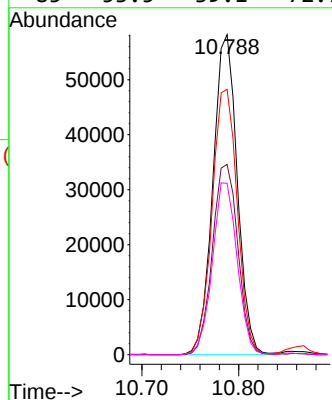
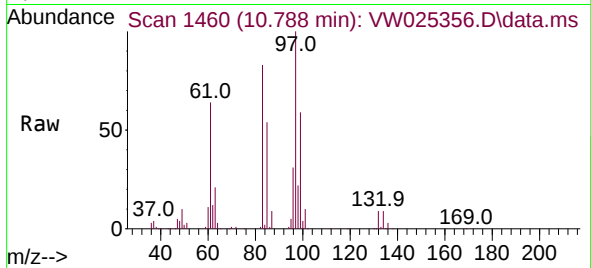


#45
1,1,2-Trichloroethane
Concen: 23.504 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

Tgt Ion: 97 Resp: 102015

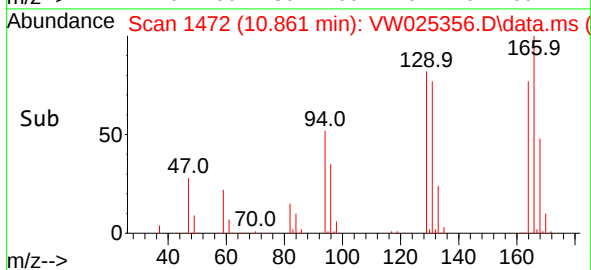
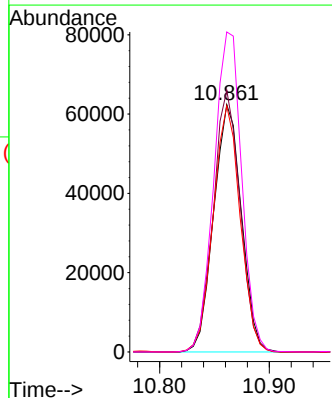
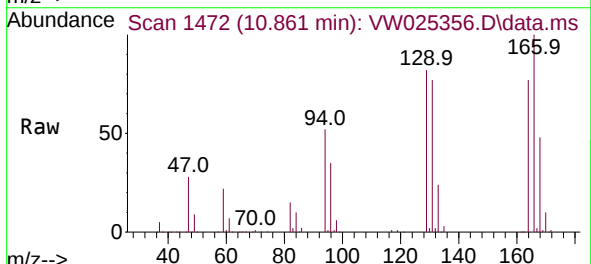
Ion	Ratio	Lower	Upper
97	100		
99	59.4	42.6	79.0
83	83.0	59.3	110.1
85	53.5	39.1	72.7

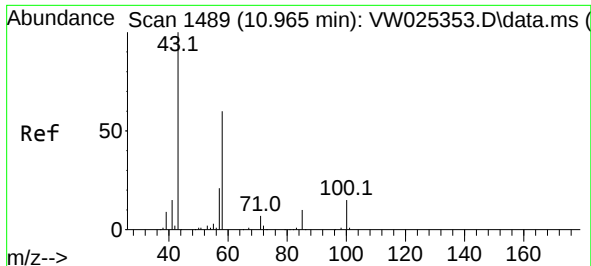


#46
Tetrachloroethene
Concen: 21.577 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion: 164 Resp: 109466

Ion	Ratio	Lower	Upper
164	100		
129	105.8	69.6	129.2
131	99.5	67.4	125.2
166	129.4	88.5	164.3

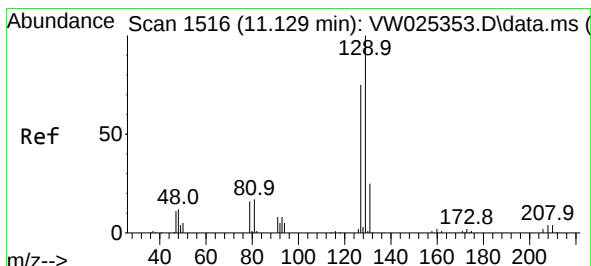
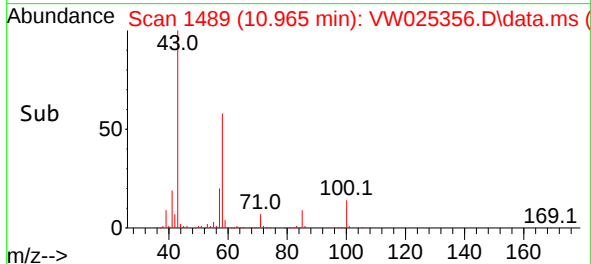
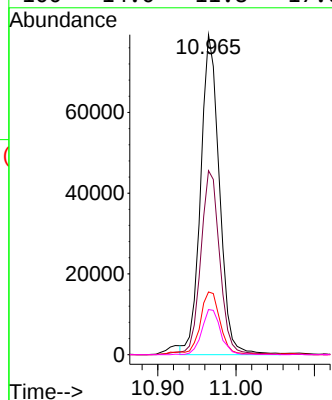
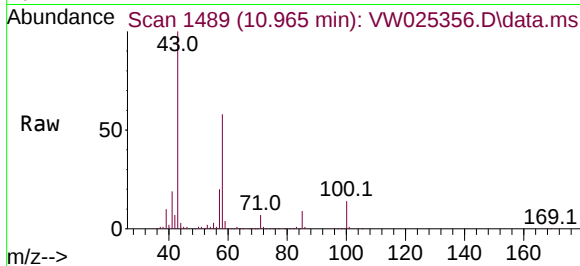




#48
2-Hexanone
Concen: 59.784 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

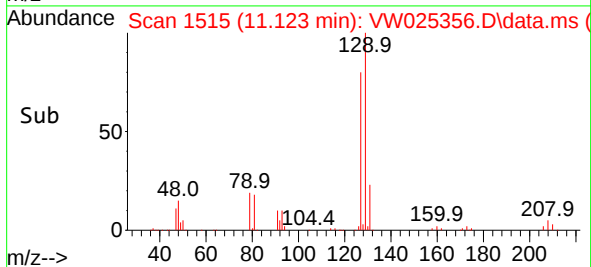
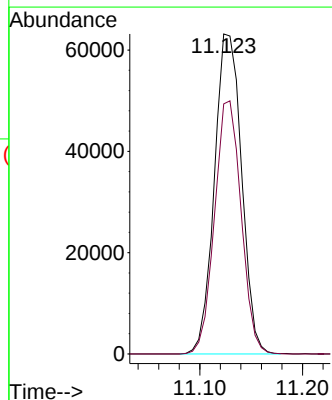
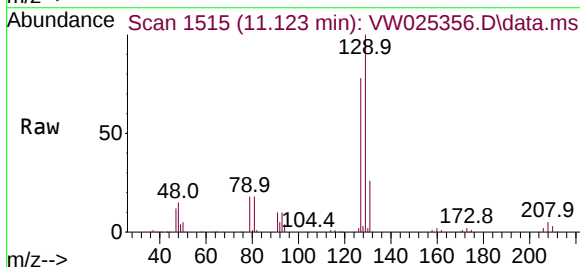
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

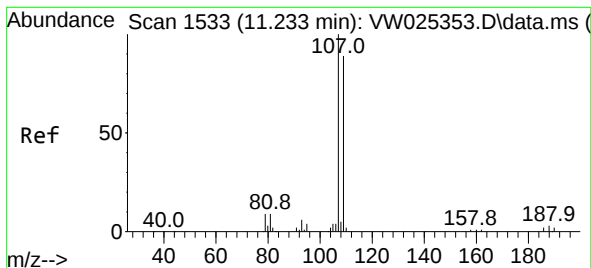
Tgt Ion: 43	Resp: 132092
Ion Ratio	Lower Upper
43 100	
58 58.6	47.0 70.4
57 20.5	17.0 25.4
100 14.0	11.8 17.6



#49
Dibromochloromethane
Concen: 23.185 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion:129	Resp: 116238
Ion Ratio	Lower Upper
129 100	
127 78.2	55.3 102.7





#50

1,2-Dibromoethane

Concen: 23.823 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

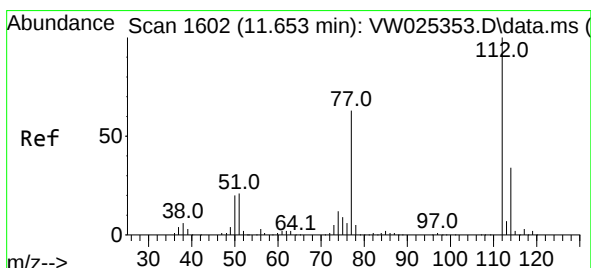
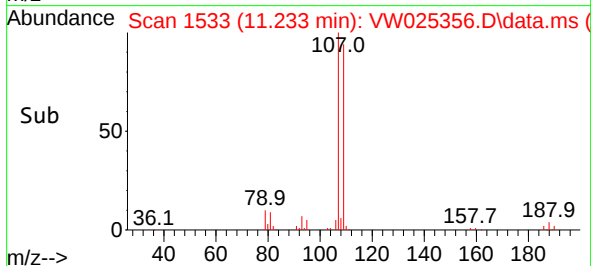
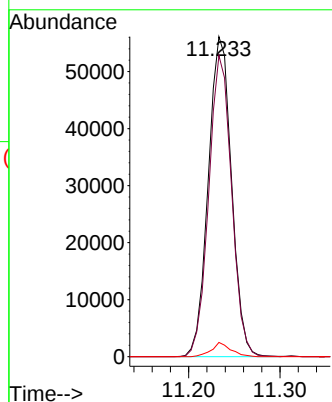
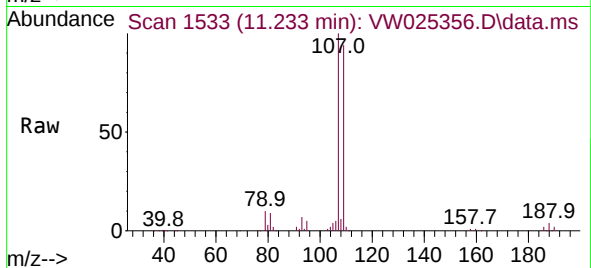
Tgt Ion:107 Resp: 99122

Ion Ratio Lower Upper

107 100

109 94.1 65.9 122.5

188 4.5 2.9 4.3#



#51

Chlorobenzene

Concen: 22.437 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

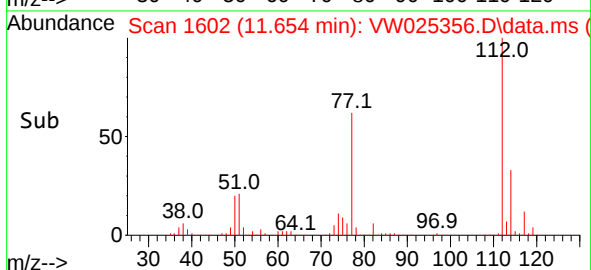
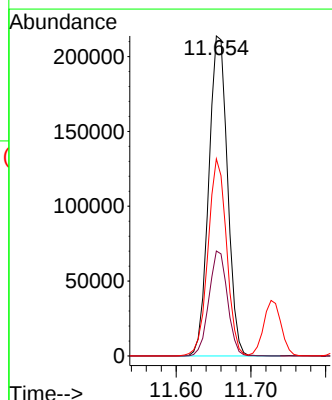
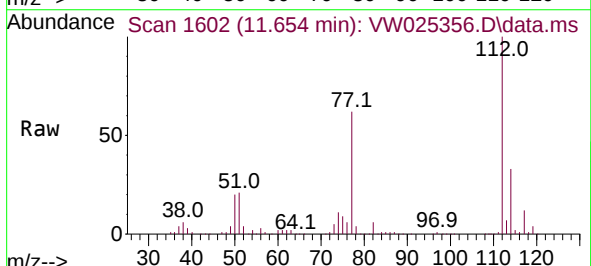
Tgt Ion:112 Resp: 373182

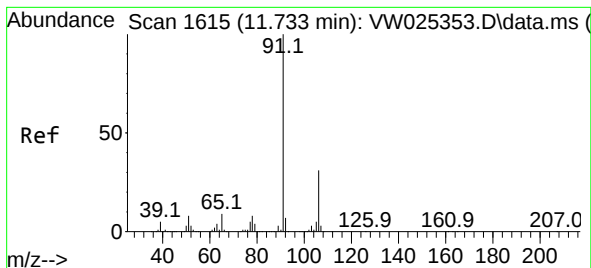
Ion Ratio Lower Upper

112 100

114 32.8 22.2 41.2

77 61.6 48.2 72.2

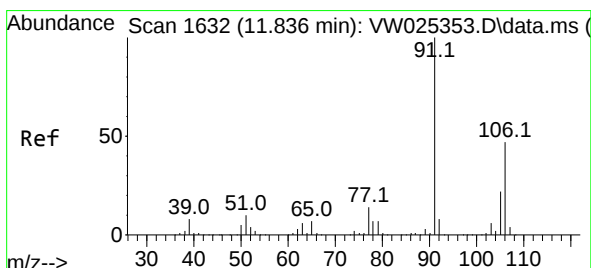
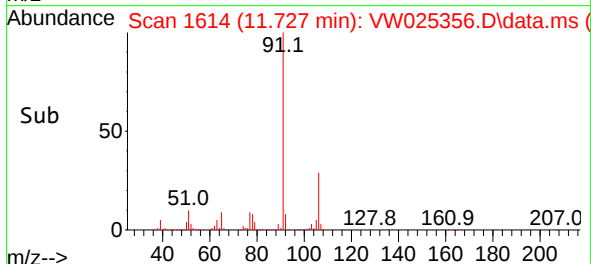
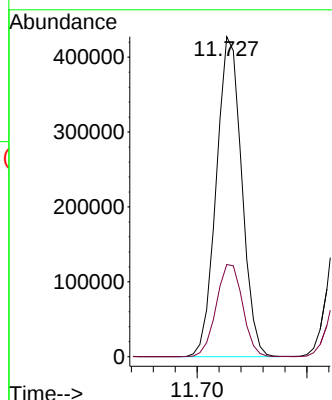
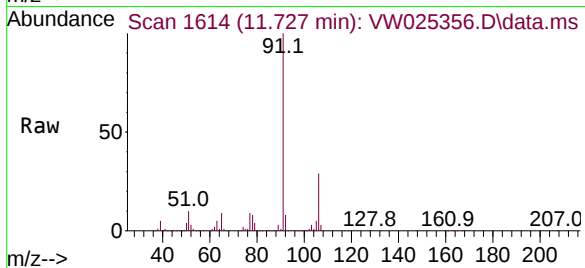




#52
Ethylbenzene
Concen: 22.958 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

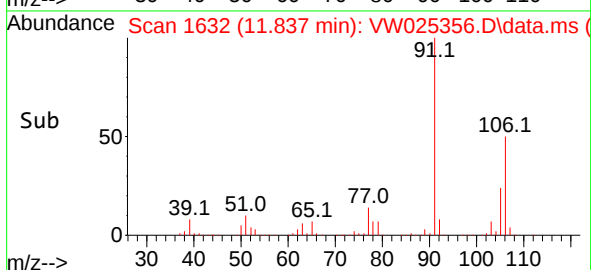
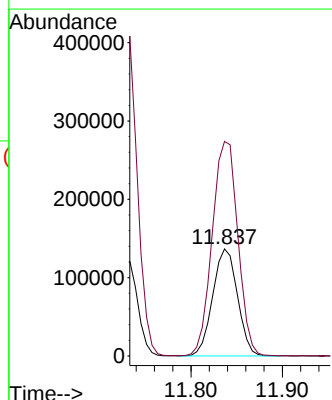
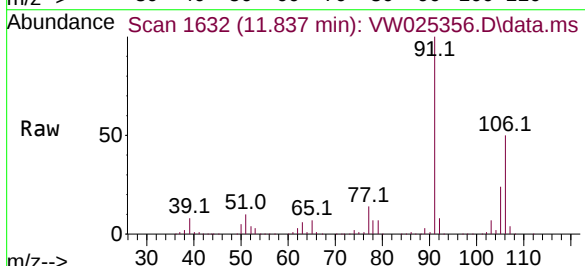
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

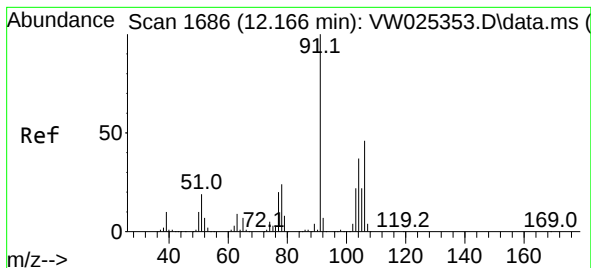
Tgt Ion: 91 Resp: 688992
Ion Ratio Lower Upper
91 100
106 28.8 21.3 39.6



#53
m,p-Xylene
Concen: 22.584 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion:106 Resp: 257516
Ion Ratio Lower Upper
106 100
91 200.6 144.1 267.7





#54

o-Xylene

Concen: 23.089 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

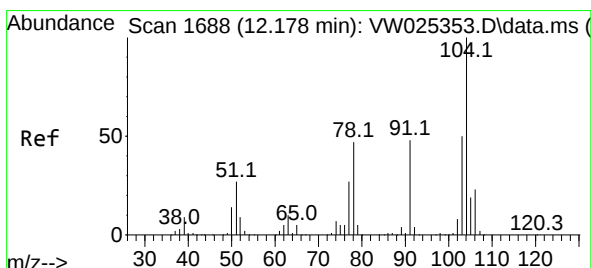
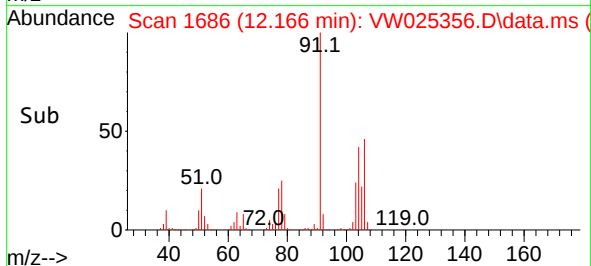
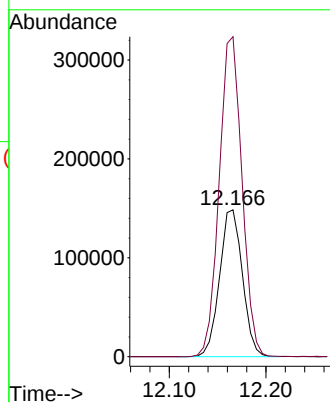
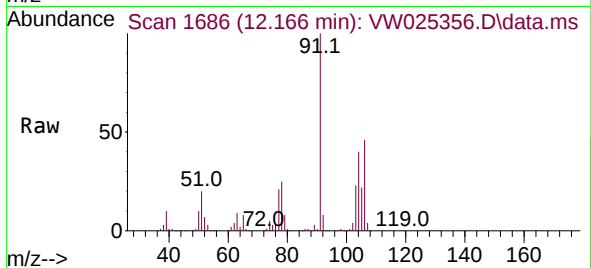
EXZC0MS

Tgt Ion:106 Resp: 243390

Ion Ratio Lower Upper

106 100

91 217.8 157.1 291.7



#55

Styrene

Concen: 23.233 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025356.D

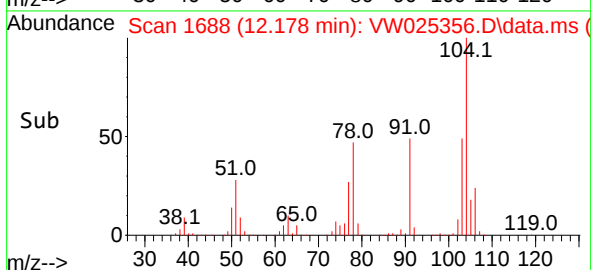
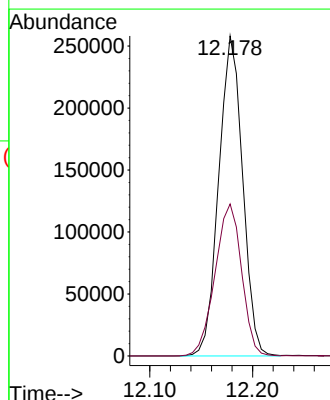
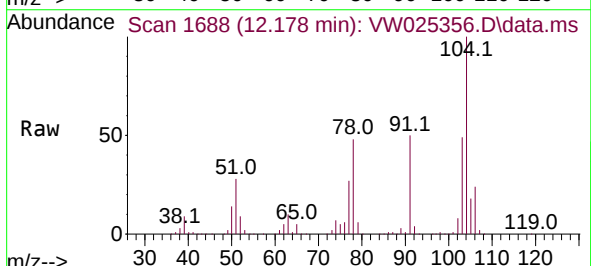
Acq: 22 Feb 2023 13:41

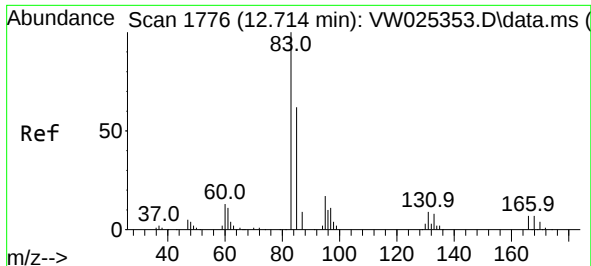
Tgt Ion:104 Resp: 416510

Ion Ratio Lower Upper

104 100

78 47.5 36.6 68.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.021 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

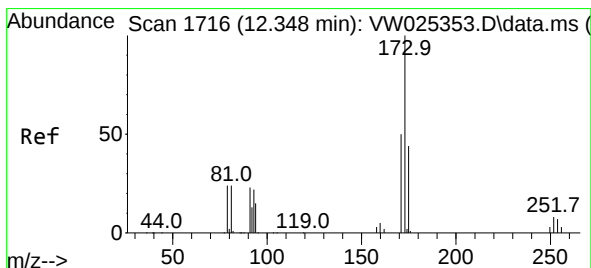
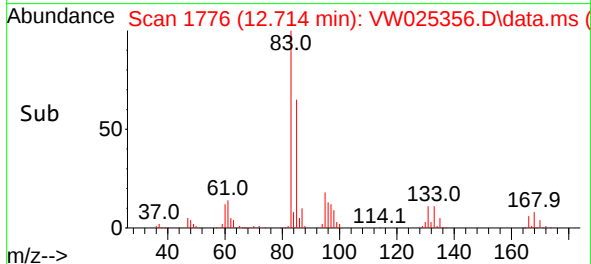
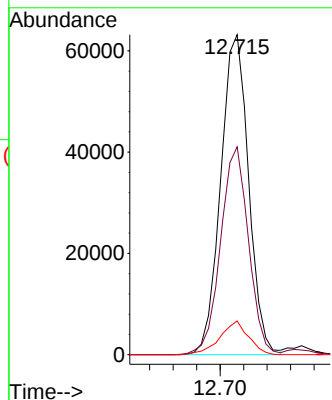
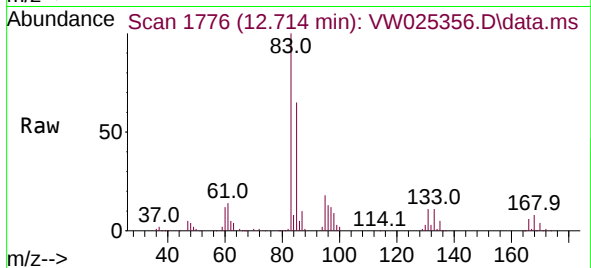
Tgt Ion: 83 Resp: 104159

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.6

131 10.6 8.2 12.2



#59

Bromoform

Concen: 23.239 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

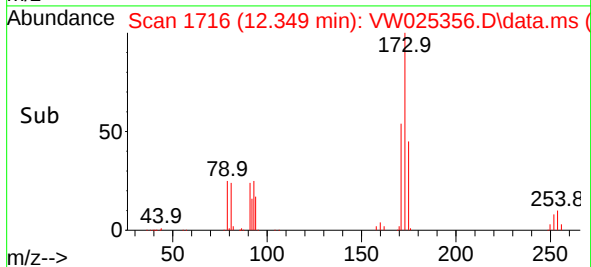
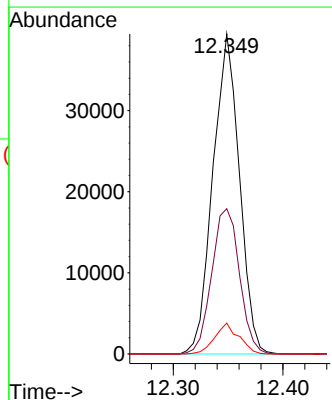
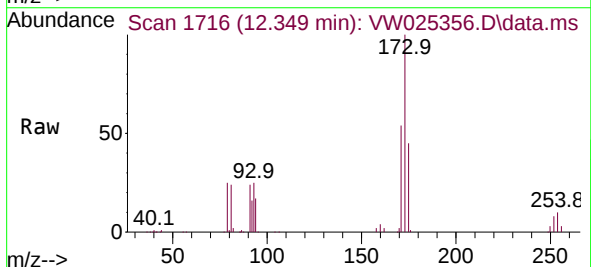
Tgt Ion:173 Resp: 66279

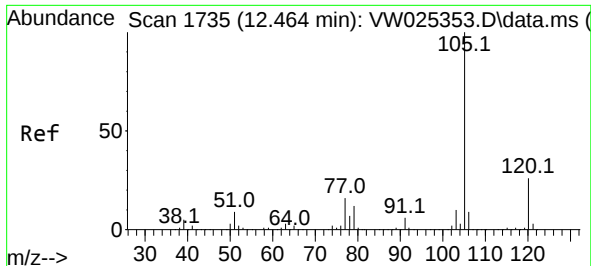
Ion Ratio Lower Upper

173 100

175 47.5 39.0 58.6

254 8.8 7.3 10.9

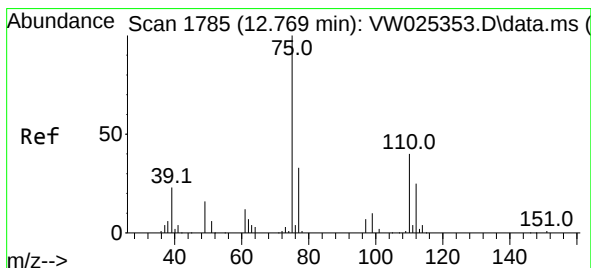
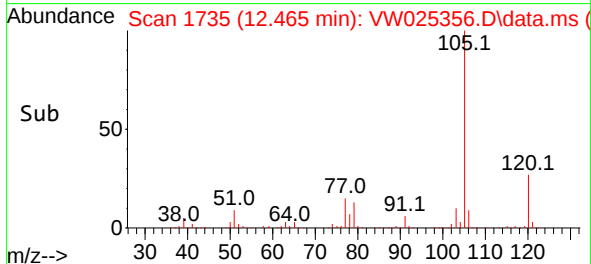
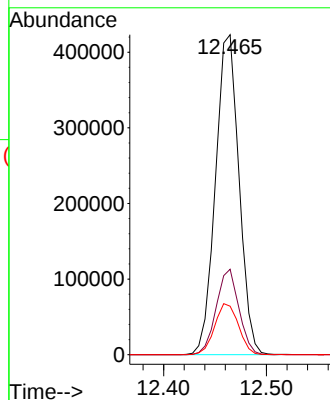
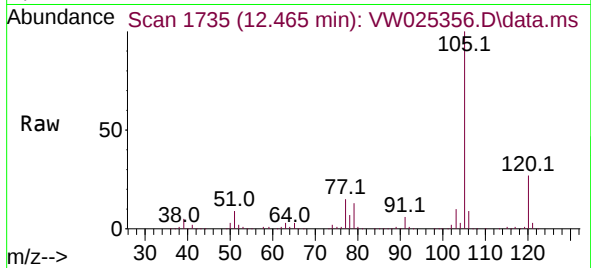




#60
Isopropylbenzene
Concen: 21.585 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

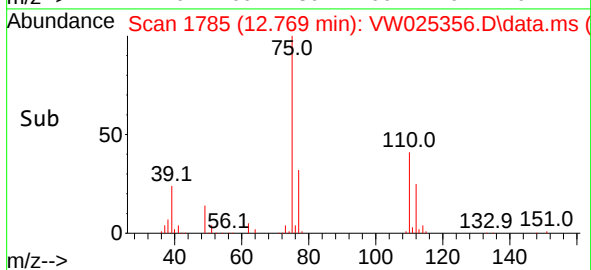
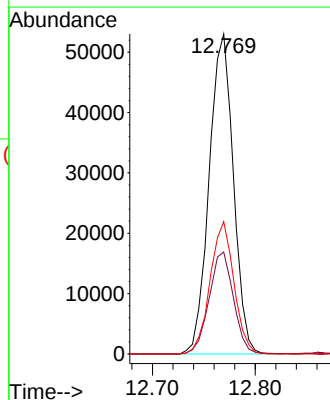
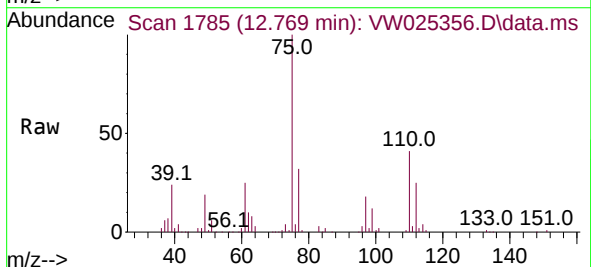
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

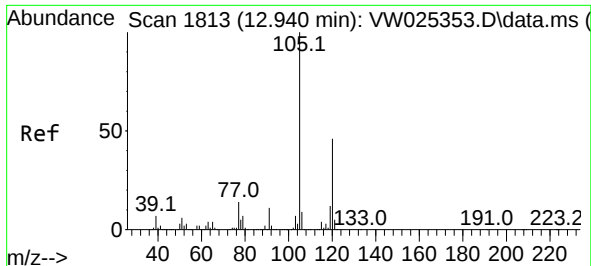
Tgt Ion:105 Resp: 672591
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 16.2 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 22.976 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion: 75 Resp: 86723
Ion Ratio Lower Upper
75 100
77 32.1 26.3 39.5
110 40.6 32.6 49.0

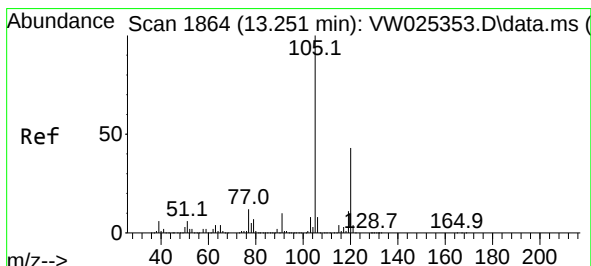
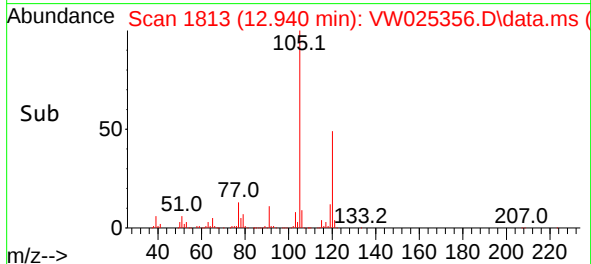
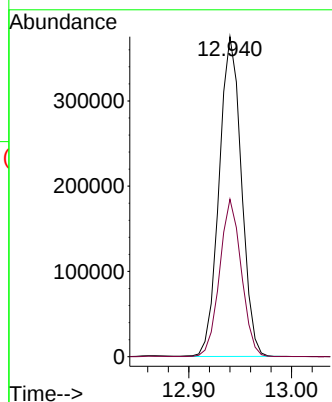
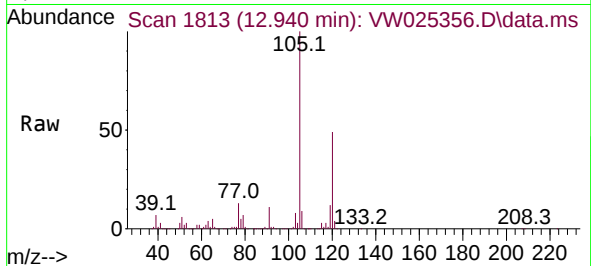




#62
1,3,5-Trimethylbenzene
Concen: 22.561 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

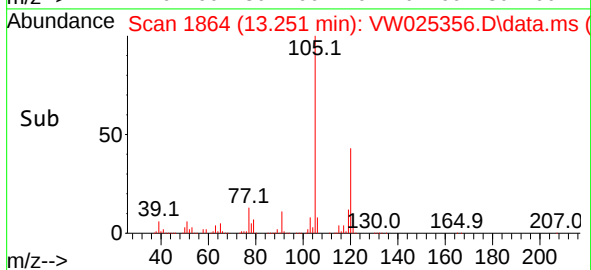
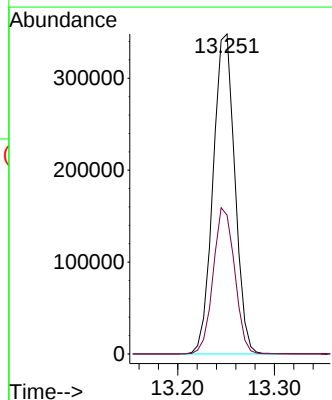
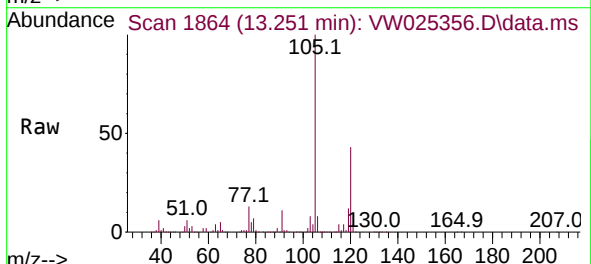
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

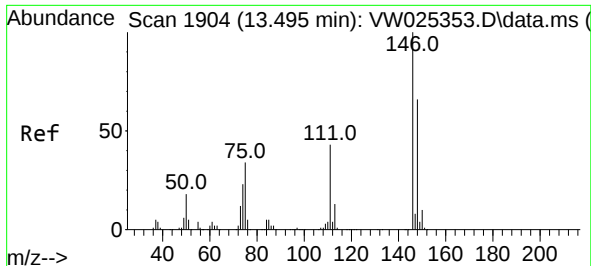
Tgt Ion:105 Resp: 564565
Ion Ratio Lower Upper
105 100
120 47.9 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 22.974 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion:105 Resp: 544211
Ion Ratio Lower Upper
105 100
120 45.0 35.6 53.4

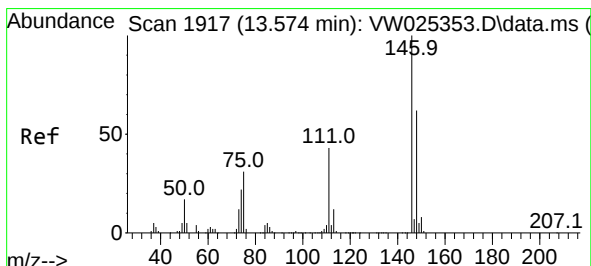
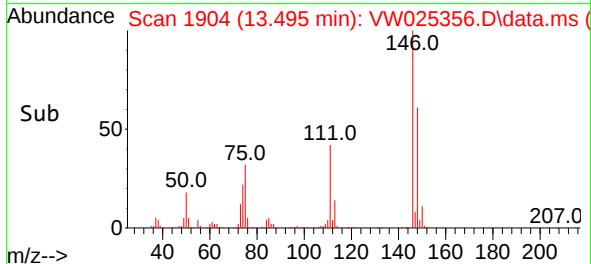
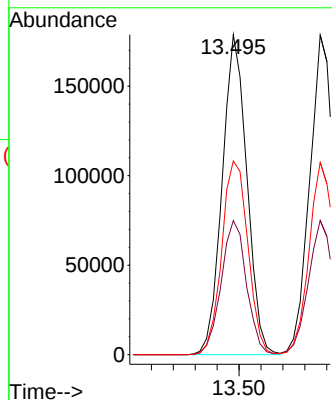
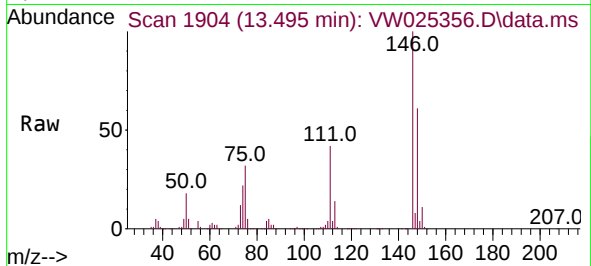




#64
1,3-Dichlorobenzene
Concen: 22.964 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

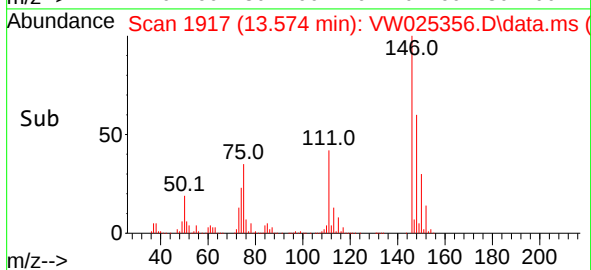
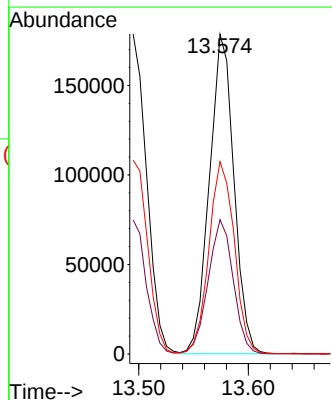
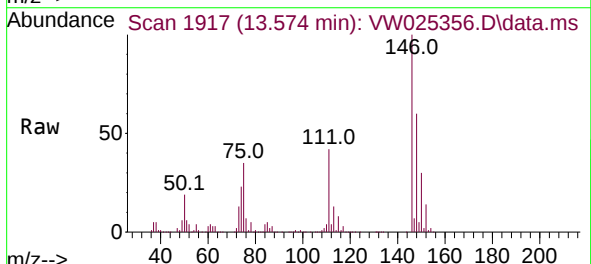
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

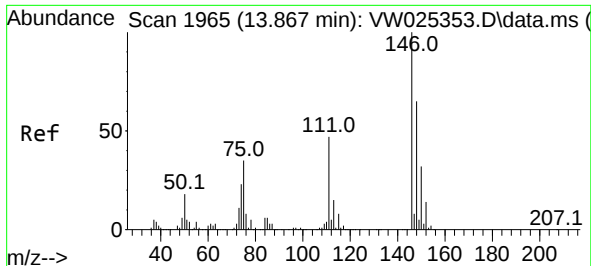
Tgt Ion:146 Resp: 279793
Ion Ratio Lower Upper
146 100
111 41.9 29.5 54.7
148 60.6 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 22.750 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025356.D
Acq: 22 Feb 2023 13:41

Tgt Ion:146 Resp: 277888
Ion Ratio Lower Upper
146 100
111 42.0 29.8 55.3
148 60.2 41.7 77.5





#67

1,2-Dichlorobenzene

Concen: 21.667 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

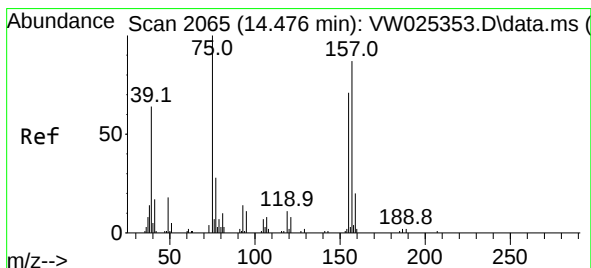
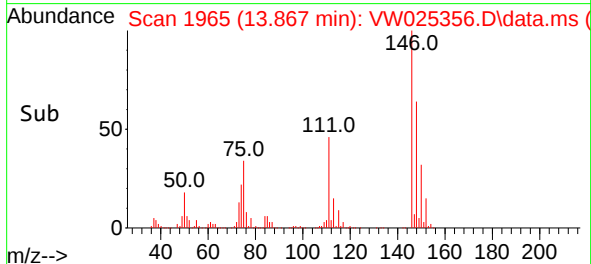
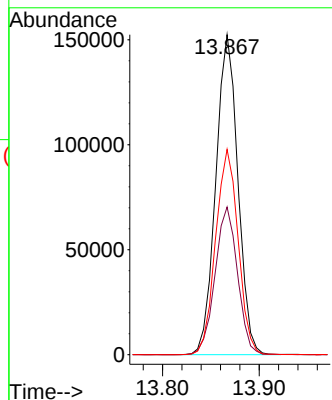
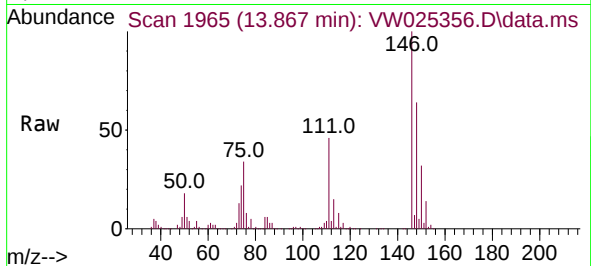
Tgt Ion:146 Resp: 242095

Ion Ratio Lower Upper

146 100

111 46.1 36.5 54.7

148 64.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.840 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

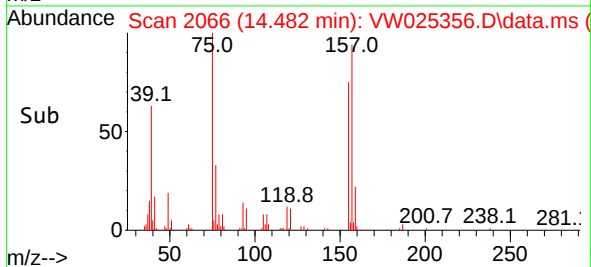
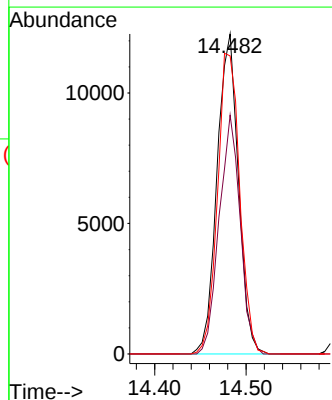
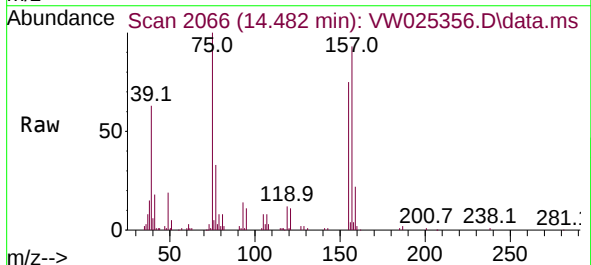
Tgt Ion: 75 Resp: 19920

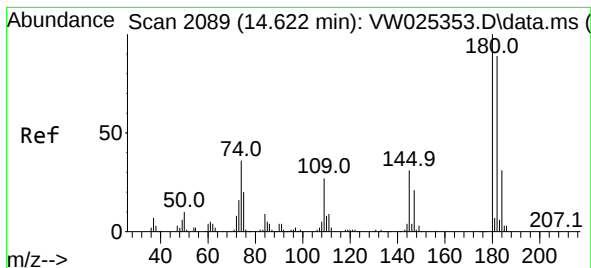
Ion Ratio Lower Upper

75 100

155 74.6 58.6 87.8

157 93.1 71.4 107.0





#69

1,3,5-Trichlorobenzene

Concen: 21.190 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

Tgt Ion:180 Resp: 176722

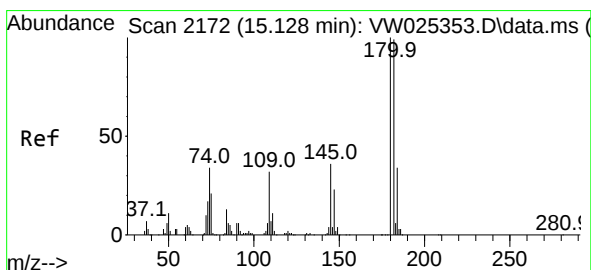
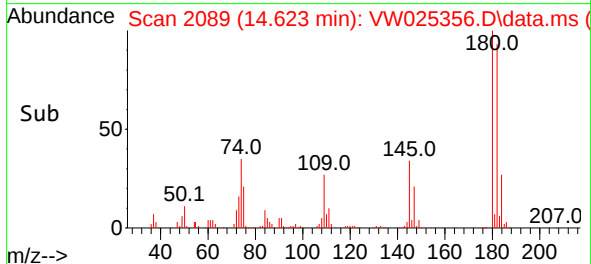
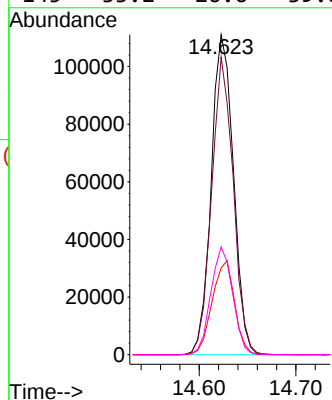
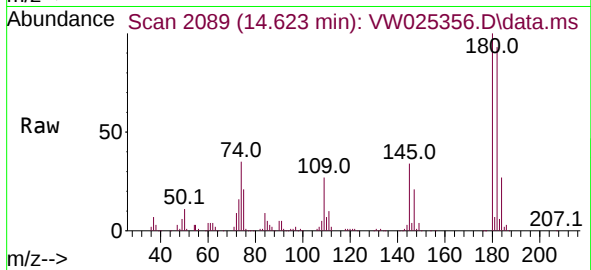
Ion Ratio Lower Upper

180 100

182 90.7 76.5 114.7

184 29.7 25.2 37.8

145 33.2 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 19.662 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

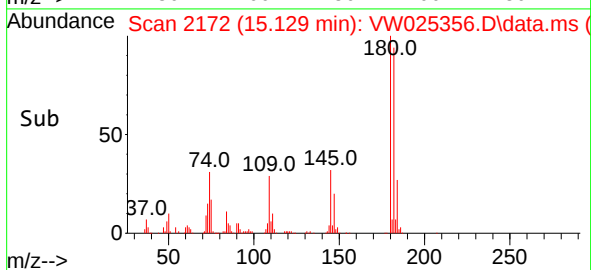
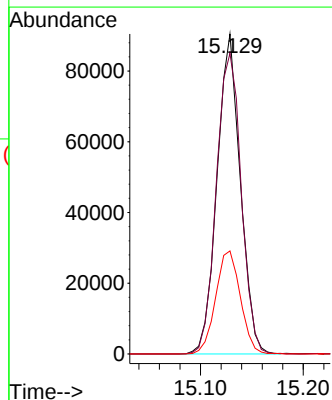
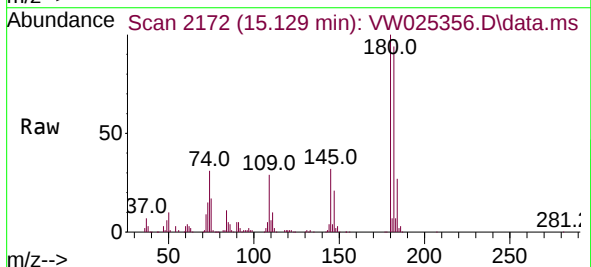
Tgt Ion:180 Resp: 142287

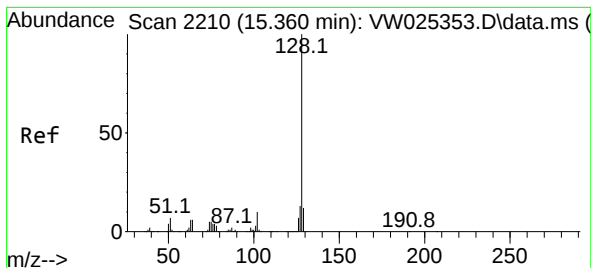
Ion Ratio Lower Upper

180 100

182 100.1 72.6 109.0

145 34.1 26.4 39.6





#71

Naphthalene

Concen: 22.696 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MS

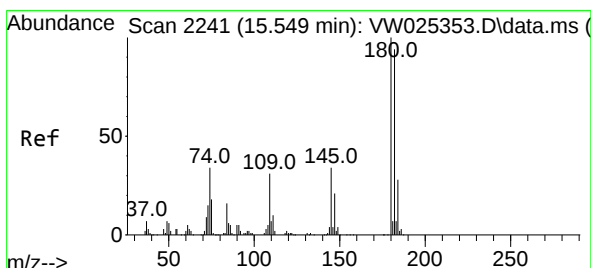
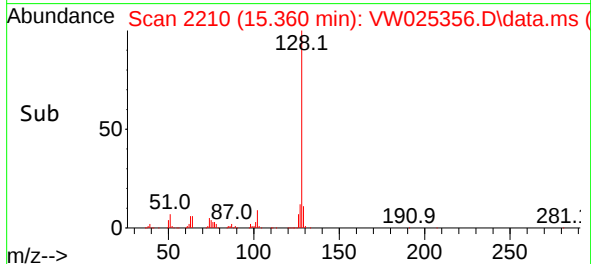
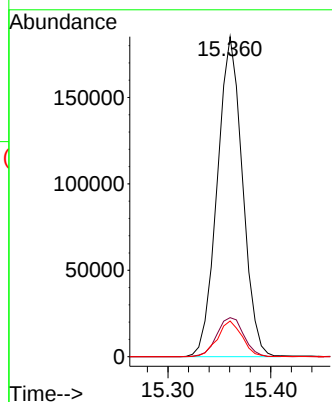
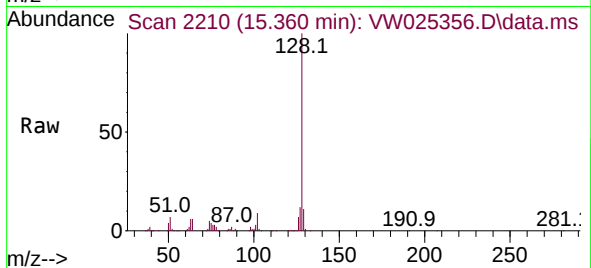
Tgt Ion:128 Resp: 315816

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 20.431 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025356.D

Acq: 22 Feb 2023 13:41

Tgt Ion:180 Resp: 125563

Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

145 35.3 29.3 43.9

