

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022437.D
 Acq On : 07 Apr 2022 17:20
 Operator : SY/VA
 Sample : N2293-02
 Misc : 7.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 06:32:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 06:30:01 2022
 Response via : Initial Calibration

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

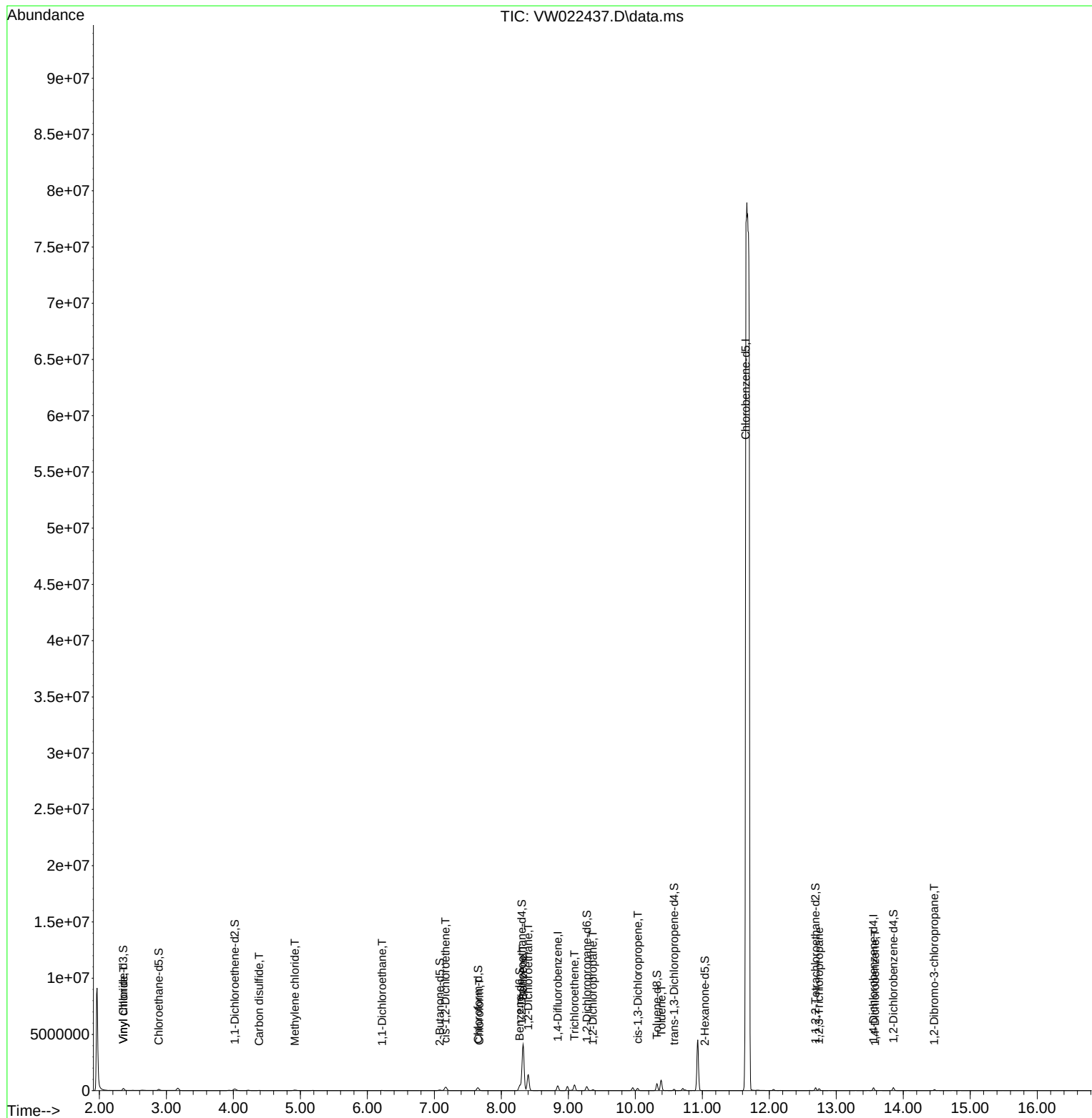
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	332947	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.646	117	351289	25.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	13.554	152	60495	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	157418	21.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.560%
7) Chloroethane-d5	2.885	69	107353	23.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.080%
11) 1,1-Dichloroethene-d2	4.019	63	139000	14.560	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.240%
21) 2-Butanone-d5	7.080	46	85952	66.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.780%
24) Chloroform-d	7.653	84	245479	23.588	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	8.305	65	165631	27.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.440%
32) Benzene-d6	8.275	84	447722	20.861	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.440%
36) 1,2-Dichloropropane-d6	9.275	67	147475	23.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.960%
41) Toluene-d8	10.323	98	393008	18.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	10.579	79	62886	21.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.800%
47) 2-Hexanone-d5	11.036	63	222	0.192	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.380%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	117059	22.166	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	51687	24.122	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.480%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	46673	5.497	ug/L	91
14) Carbon disulfide	4.385	76	30748	2.085	ug/L	99
16) Methylene chloride	4.916	84	39367	7.858	ug/L	99
19) 1,1-Dichloroethane	6.220	63	20137	2.102	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	175048	31.560	ug/L #	99
25) Chloroform	7.671	83	7006	0.694	ug/L	95
27) 1,2-Dichloroethane	8.403	62	1257333	177.254	ug/L	99
33) Benzene	8.323	78	3833458	160.730	ug/L	100
34) Trichloroethene	9.092	95	169100	26.480	ug/L	93
37) 1,2-Dichloropropane	9.366	63	25101	4.393	ug/L #	93
39) cis-1,3-Dichloropropene	10.037	75	6446	0.711	ug/L #	77
42) Toluene	10.390	91	403259	14.755	ug/L	96
61) 1,2,3-Trichloropropane	12.743	75	8432	6.552	ug/L #	1
65) 1,4-Dichlorobenzene	13.579	146	2312	0.568	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.463	75	16897	56.615	ug/L #	12

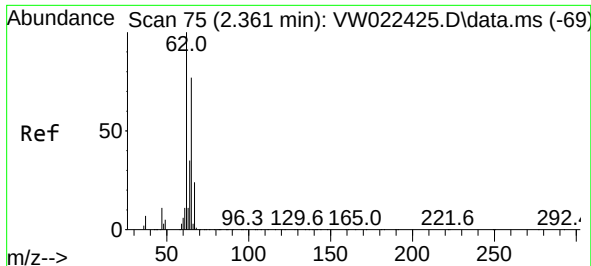
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022437.D
Acq On : 07 Apr 2022 17:20
Operator : SY/VA
Sample : N2293-02
Misc : 7.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 08 06:32:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 08 06:30:01 2022
Response via : Initial Calibration

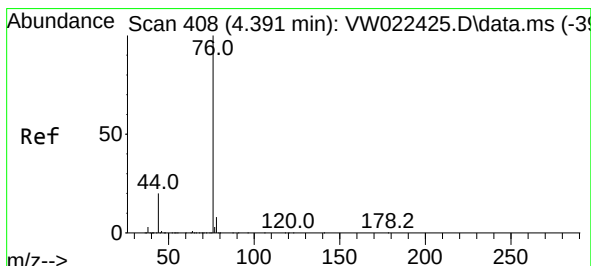
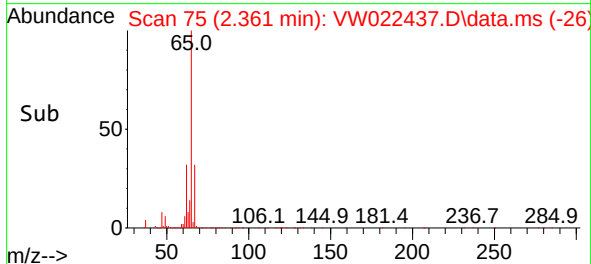
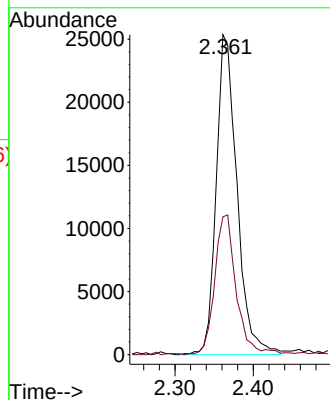
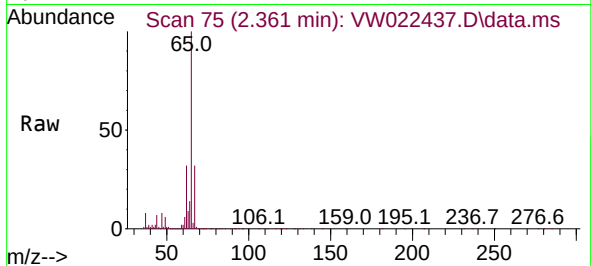




#5
 Vinyl chloride
 Concen: 5.497 ug/L
 RT: 2.361 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VW022437.D
 Acq: 07 Apr 2022 17:20

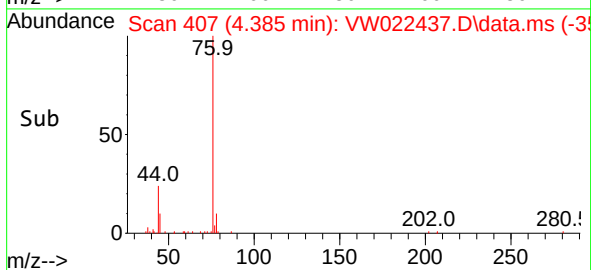
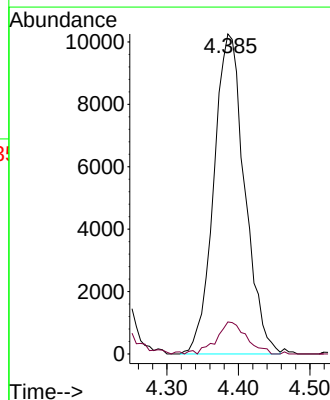
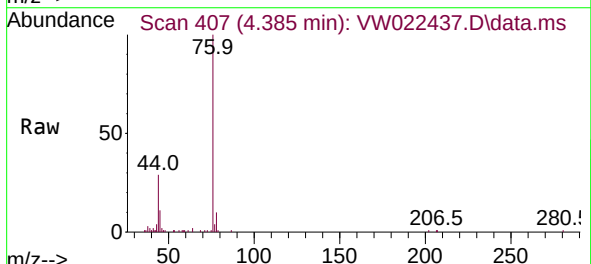
Instrument :
 MSVOA_W
 ClientSampleId :

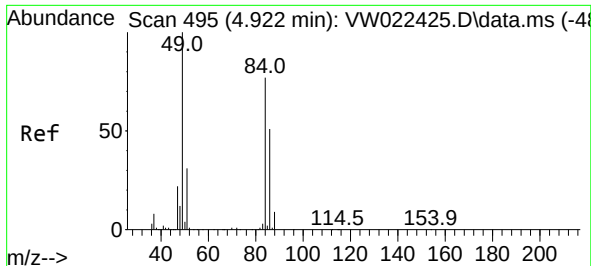
Tgt Ion: 62 Resp: 46673
 Ion Ratio Lower Upper
 62 100
 64 43.1 26.5 49.3



#14
 Carbon disulfide
 Concen: 2.085 ug/L
 RT: 4.385 min Scan# 407
 Delta R.T. -0.006 min
 Lab File: VW022437.D
 Acq: 07 Apr 2022 17:20

Tgt Ion: 76 Resp: 30748
 Ion Ratio Lower Upper
 76 100
 78 10.0 7.6 11.4

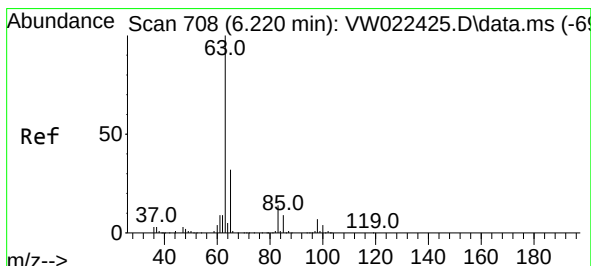
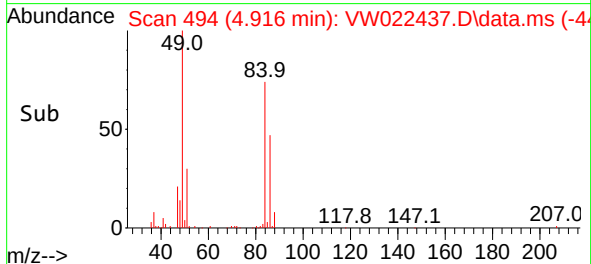
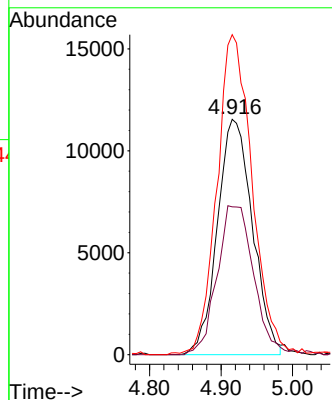
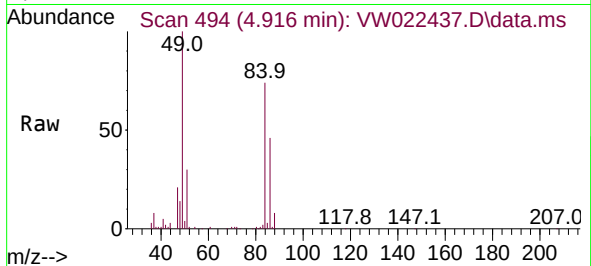




#16
Methylene chloride
Concen: 7.858 ug/L
RT: 4.916 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW022437.D
Acq: 07 Apr 2022 17:20

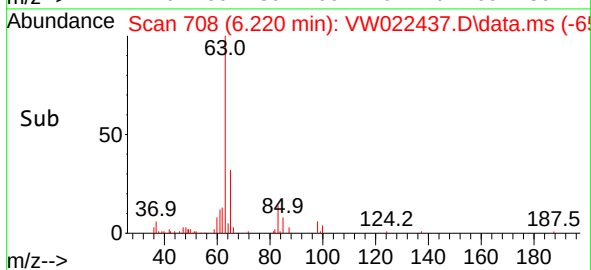
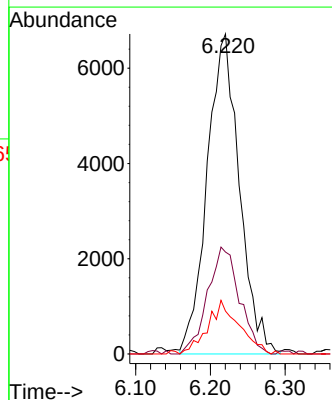
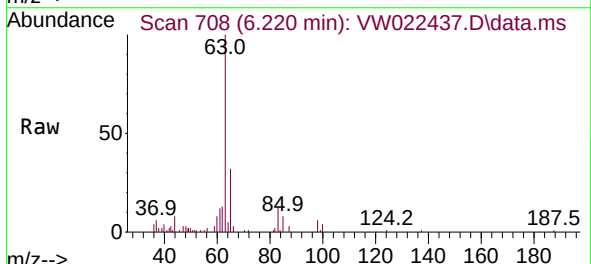
Instrument :
MSVOA_W
ClientSampleId :

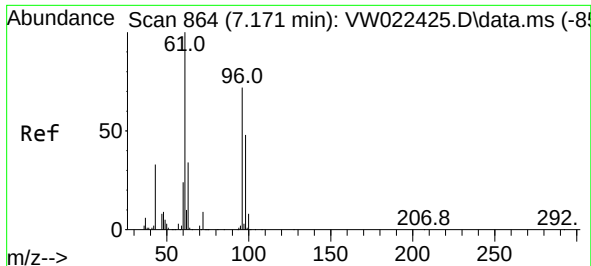
Tgt Ion: 84 Resp: 39367
Ion Ratio Lower Upper
84 100
86 62.8 42.8 79.4
49 135.9 94.2 175.0



#19
1,1-Dichloroethane
Concen: 2.102 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW022437.D
Acq: 07 Apr 2022 17:20

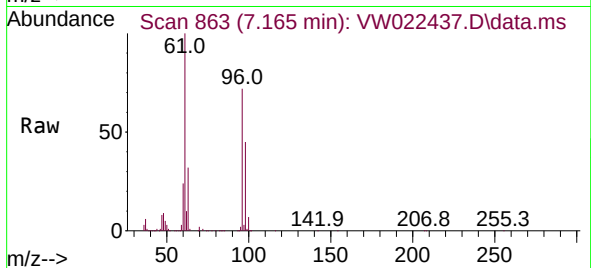
Tgt Ion: 63 Resp: 20137
Ion Ratio Lower Upper
63 100
65 31.8 21.1 39.3
83 13.4 10.1 18.9



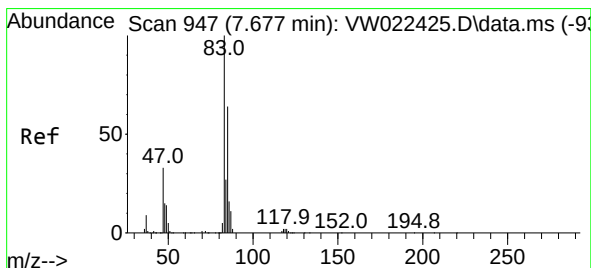
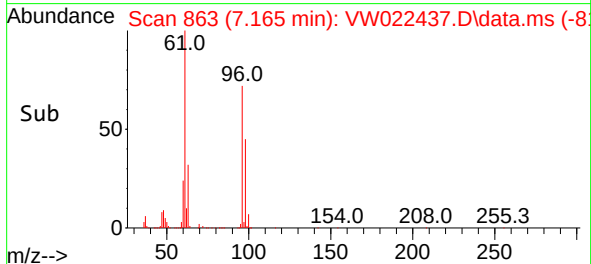
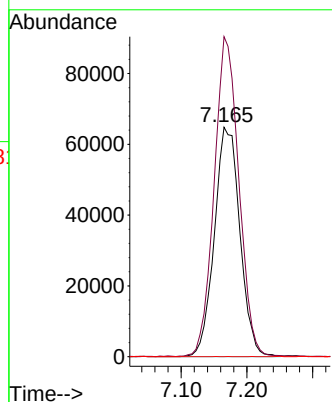


#20
 cis-1,2-Dichloroethene
 Concen: 31.560 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW022437.D
 Acq: 07 Apr 2022 17:20

Instrument :
 MSVOA_W
 ClientSampleId :

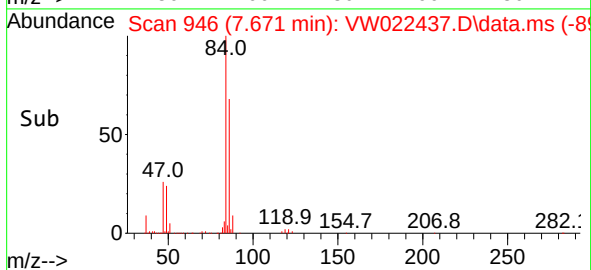
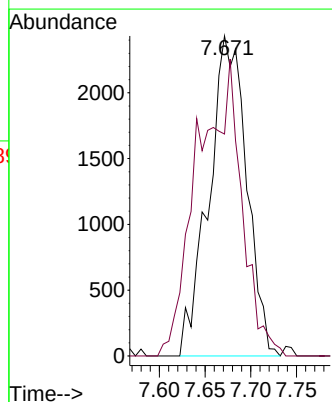
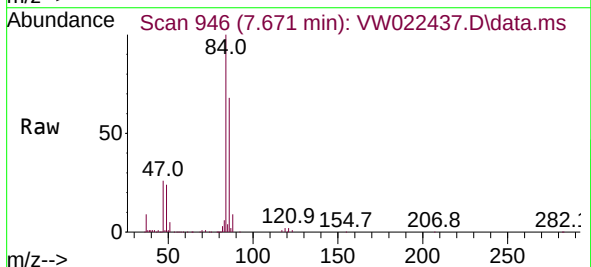


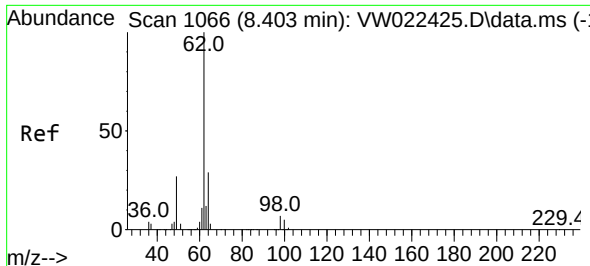
Tgt Ion: 96 Resp: 175048
 Ion Ratio Lower Upper
 96 100
 61 139.5 96.4 179.0
 68 0.0 0.1 0.3#



#25
 Chloroform
 Concen: 0.694 ug/L
 RT: 7.671 min Scan# 946
 Delta R.T. -0.006 min
 Lab File: VW022437.D
 Acq: 07 Apr 2022 17:20

Tgt Ion: 83 Resp: 7006
 Ion Ratio Lower Upper
 83 100
 85 69.4 45.8 85.0

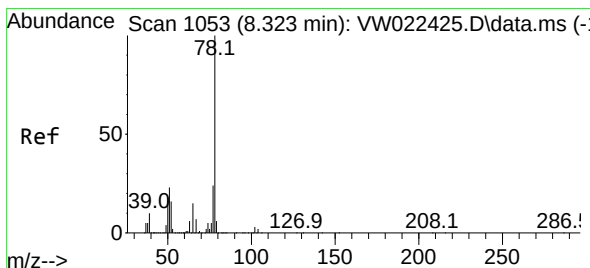
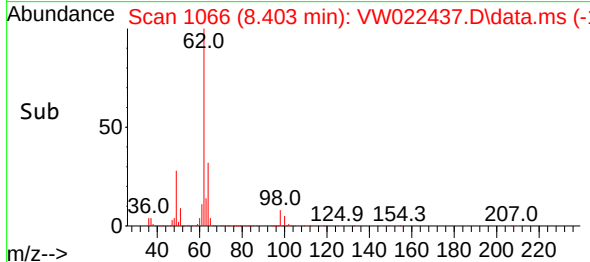
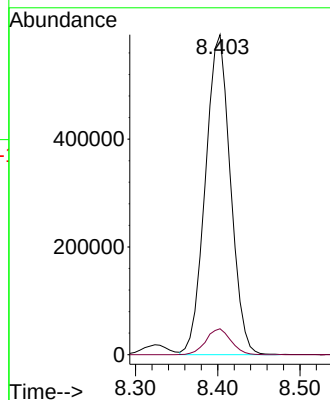
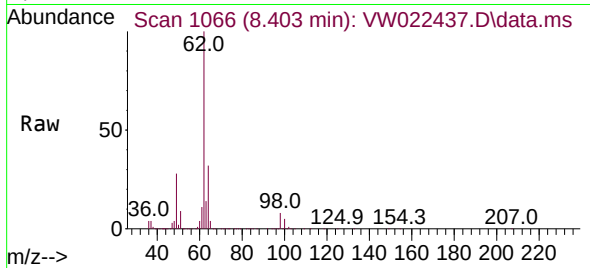




#27
1,2-Dichloroethane
Concen: 177.254 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW022437.D
Acq: 07 Apr 2022 17:20

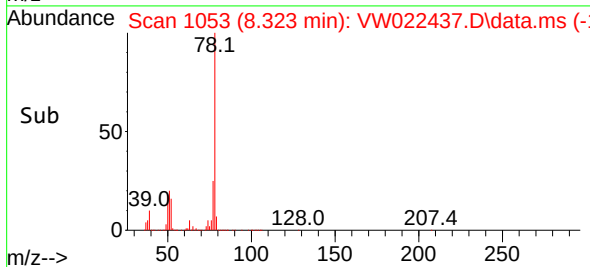
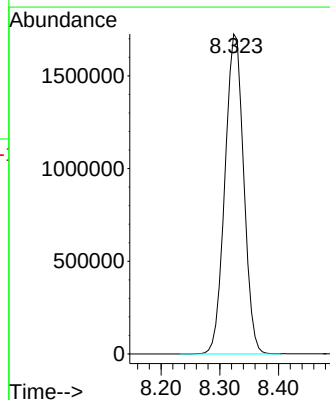
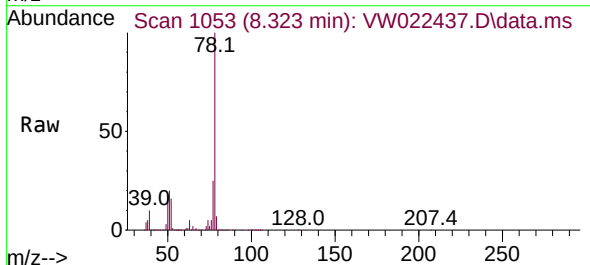
Instrument :
MSVOA_W
ClientSampleId :

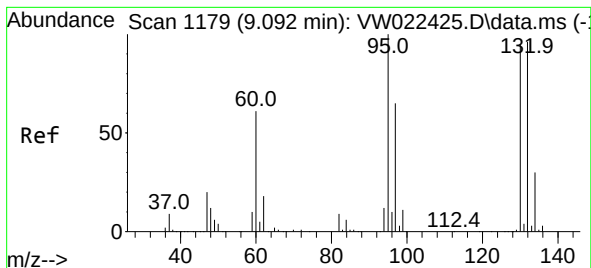
Tgt Ion: 62 Resp: 1257333
Ion Ratio Lower Upper
62 100
98 8.1 6.2 9.2



#33
Benzene
Concen: 160.730 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022437.D
Acq: 07 Apr 2022 17:20

Tgt Ion: 78 Resp: 3833458





#34

Trichloroethene

Concen: 26.480 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

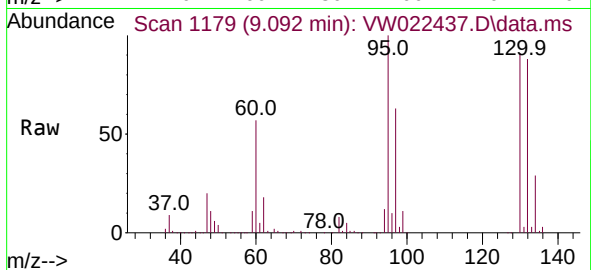
Lab File: VW022437.D

Acq: 07 Apr 2022 17:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 169100

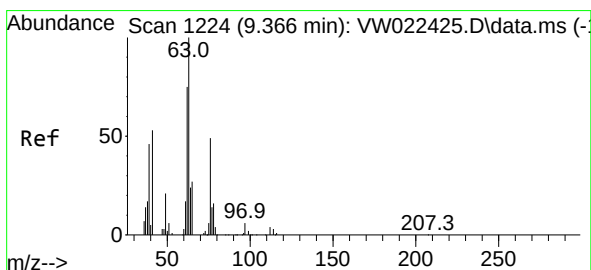
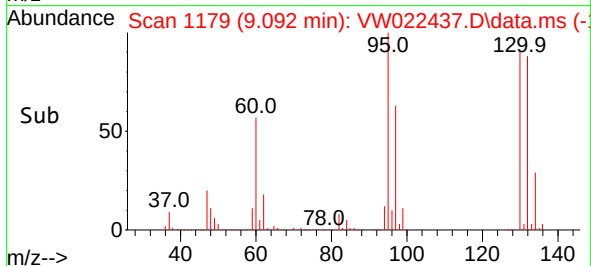
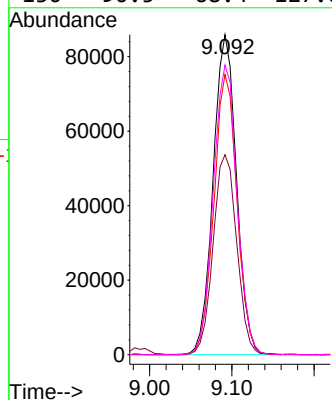
Ion Ratio Lower Upper

95 100

97 62.5 46.4 86.2

132 87.6 67.4 125.2

130 90.5 68.4 127.0



#37

1,2-Dichloropropane

Concen: 4.393 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW022437.D

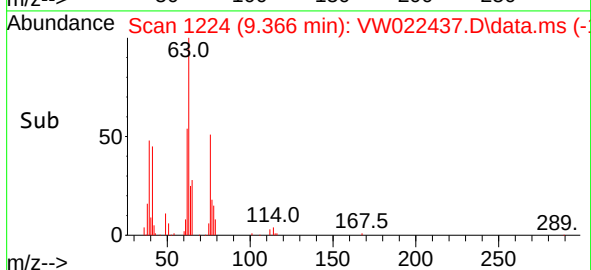
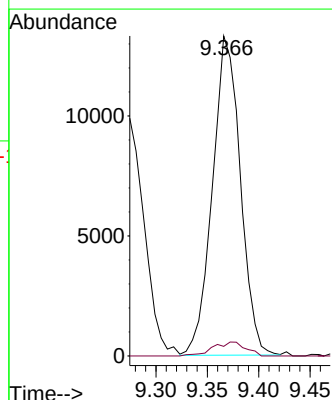
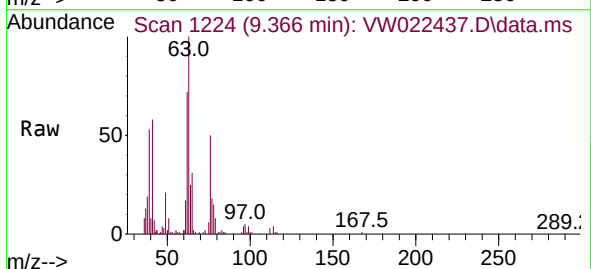
Acq: 07 Apr 2022 17:20

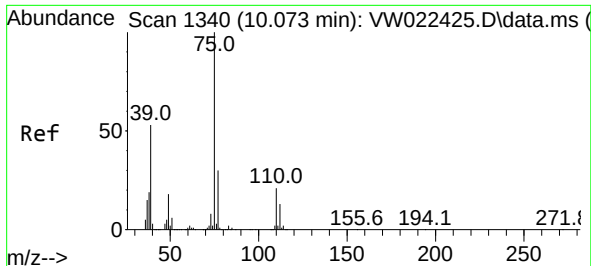
Tgt Ion: 63 Resp: 25101

Ion Ratio Lower Upper

63 100

112 2.3 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW022437.D

Acq: 07 Apr 2022 17:20

Instrument :

MSVOA_W

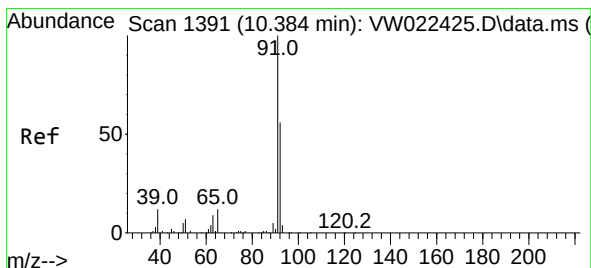
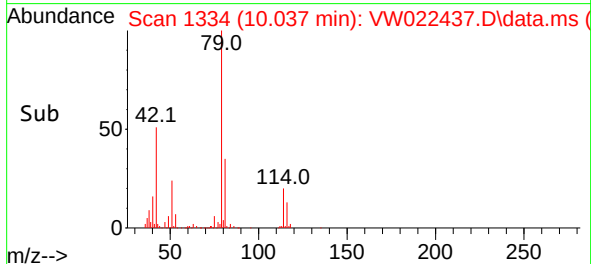
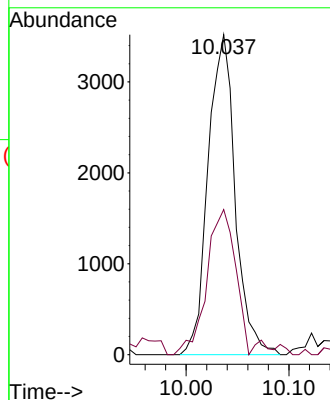
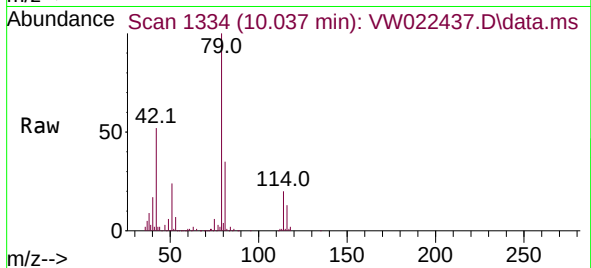
ClientSampleId :

Tgt Ion: 75 Resp: 6446

Ion Ratio Lower Upper

75 100

77 45.3 22.6 42.0#



#42

Toluene

Concen: 14.755 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022437.D

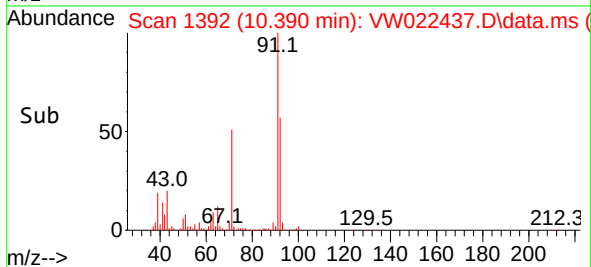
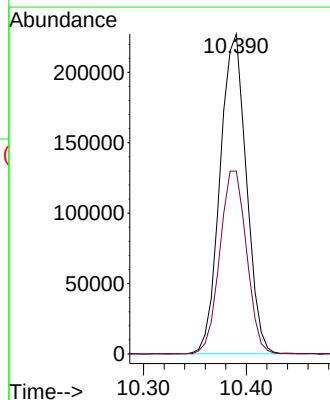
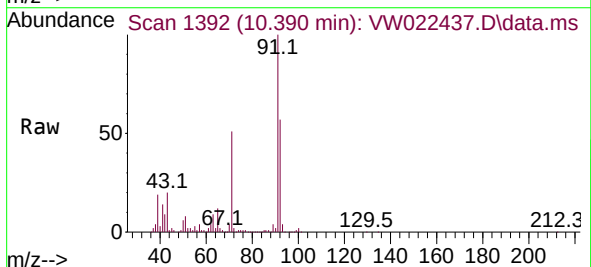
Acq: 07 Apr 2022 17:20

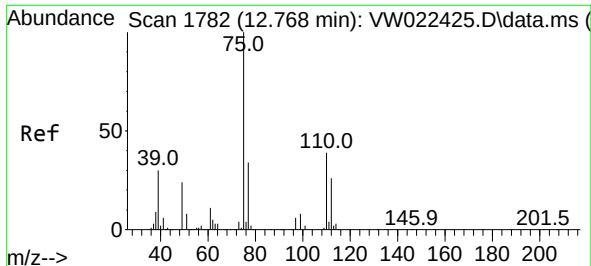
Tgt Ion: 91 Resp: 403259

Ion Ratio Lower Upper

91 100

92 57.2 38.0 70.6





#61

1,2,3-Trichloropropane

Concen: 6.552 ug/L

RT: 12.743 min Scan# 11

Delta R.T. -0.024 min

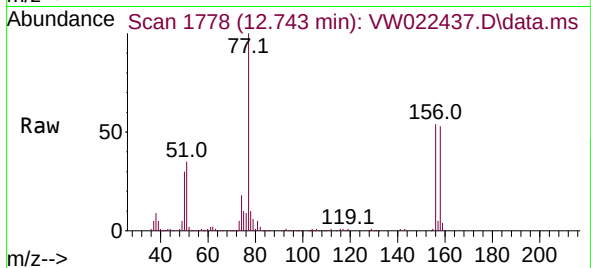
Lab File: VW022437.D

Acq: 07 Apr 2022 17:20

Instrument :

MSVOA_W

ClientSampleId :



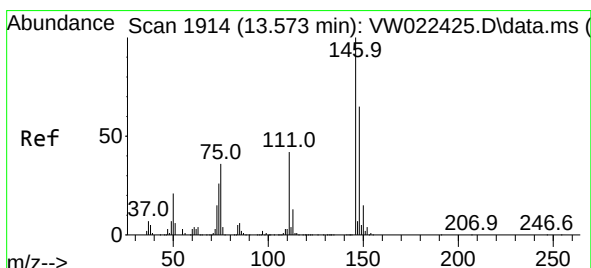
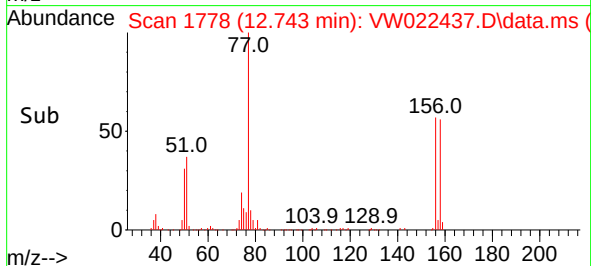
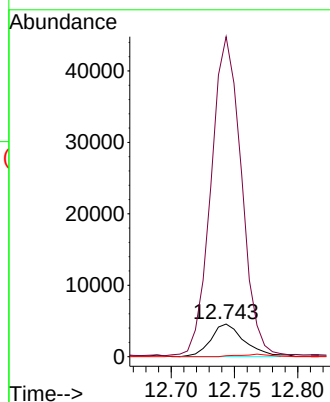
Tgt Ion: 75 Resp: 8432

Ion Ratio Lower Upper

75 100

77 884.2 25.7 38.5#

110 7.0 31.8 47.6#



#65

1,4-Dichlorobenzene

Concen: 0.568 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW022437.D

Acq: 07 Apr 2022 17:20

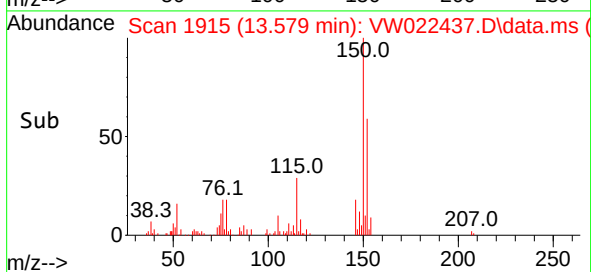
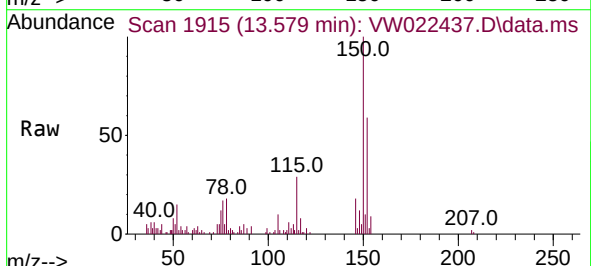
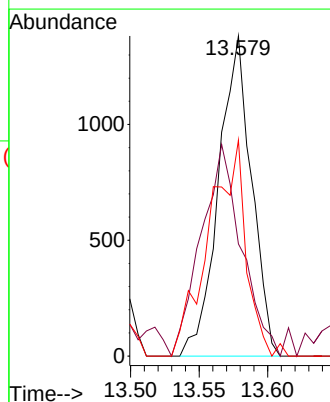
Tgt Ion:146 Resp: 2312

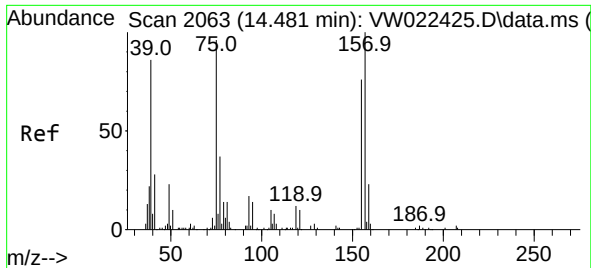
Ion Ratio Lower Upper

146 100

111 35.0 28.5 52.9

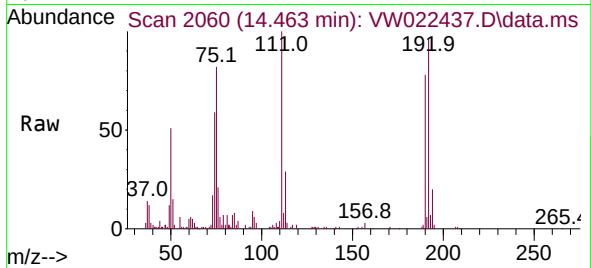
148 67.4 44.4 82.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 56.615 ug/L
 RT: 14.463 min Scan# 2060
 Delta R.T. -0.018 min
 Lab File: VW022437.D
 Acq: 07 Apr 2022 17:20

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 16897
 Ion Ratio Lower Upper
 75 100
 155 1.3 55.6 83.4#
 157 3.1 69.8 104.6#

