

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021843.D
 Acq On : 11 Jan 2022 19:44
 Operator : SY/VA
 Sample : N1084-04
 Misc : 6.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 00:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

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

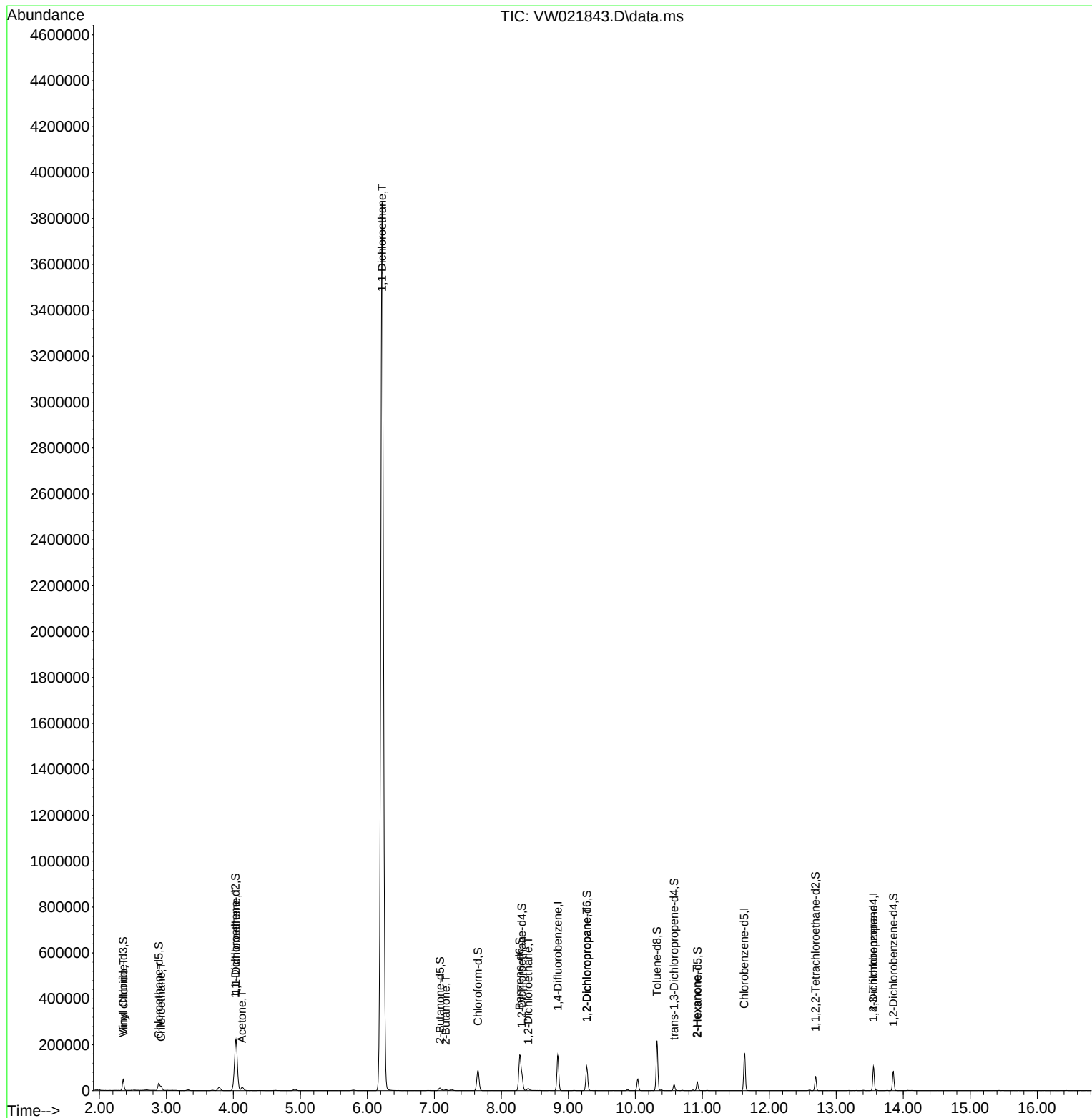
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	136503	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	102354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	29966	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40935	16.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.520%
7) Chloroethane-d5	2.885	69	32588	14.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.880%
11) 1,1-Dichloroethene-d2	4.032	63	106620	26.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.480%
21) 2-Butanone-d5	7.086	46	19254	53.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.540%
24) Chloroform-d	7.653	84	91764	20.809	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.240%
26) 1,2-Dichloroethane-d4	8.305	65	44694	20.988	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.960%
32) Benzene-d6	8.275	84	168212	25.327	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	9.275	67	46322	26.462	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.840%
41) Toluene-d8	10.323	98	147779	22.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.280%
43) trans-1,3-Dichloroprop...	10.579	79	15245	20.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.040%
47) 2-Hexanone-d5	10.927	63	13525	56.940	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.880%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	28480	20.806	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	24888	20.199	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	4774	1.703	ug/L	# 39
8) Chloroethane	2.922	64	15319	9.044	ug/L	95
12) 1,1-Dichloroethene	4.038	96	114424	56.159	ug/L	# 62
13) Acetone	4.129	43	24369	82.367	ug/L	83
19) 1,1-Dichloroethane	6.220	63	5097322	1578.715	ug/L	97
22) 2-Butanone	7.171	43	3834	10.138	ug/L	81
27) 1,2-Dichloroethane	8.403	62	7419	3.354	ug/L	# 91
37) 1,2-Dichloropropane	9.275	63	5540	4.052	ug/L	# 88
48) 2-Hexanone	10.921	43	1560	3.550	ug/L	# 73
61) 1,2,3-Trichloropropane	13.554	75	3082	7.197	ug/L	# 68

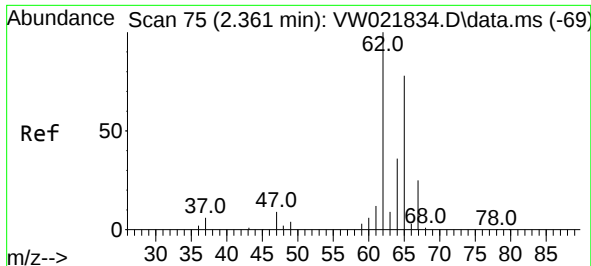
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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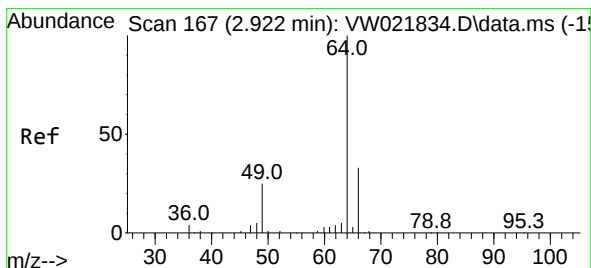
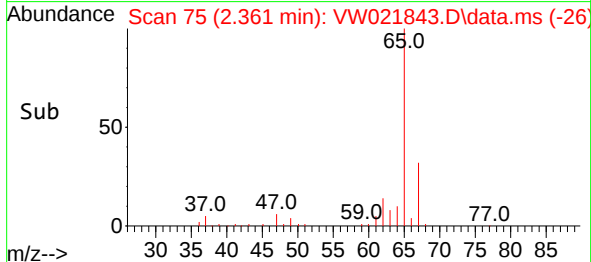
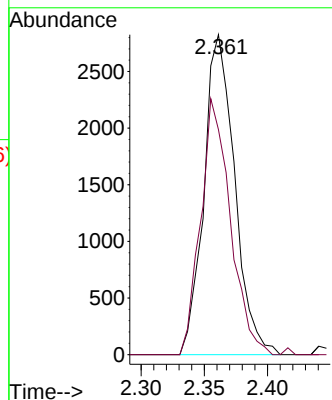
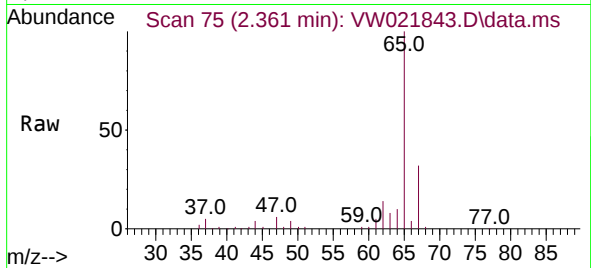




#5
 Vinyl chloride
 Concen: 1.703 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW021843.D
 Acq: 11 Jan 2022 19:44

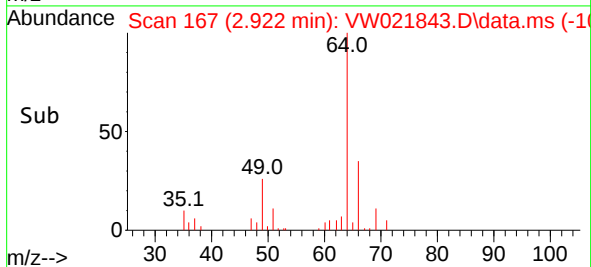
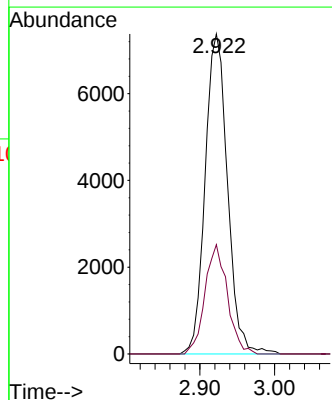
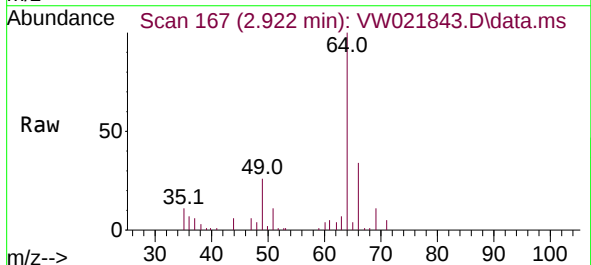
Instrument :
 MSVOA_W
 ClientSampleId :

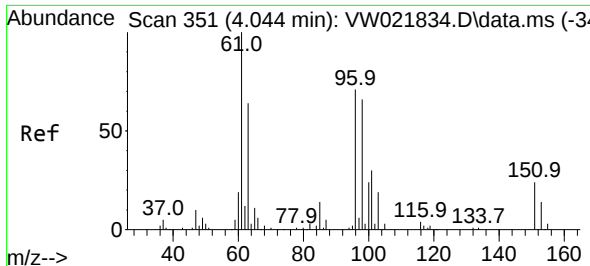
Tgt Ion: 62 Resp: 4774
 Ion Ratio Lower Upper
 62 100
 64 70.4 24.4 45.2#



#8
 Chloroethane
 Concen: 9.044 ug/L
 RT: 2.922 min Scan# 167
 Delta R.T. -0.000 min
 Lab File: VW021843.D
 Acq: 11 Jan 2022 19:44

Tgt Ion: 64 Resp: 15319
 Ion Ratio Lower Upper
 64 100
 66 34.2 22.0 40.8





#12

1,1-Dichloroethene

Concen: 56.159 ug/L

RT: 4.038 min Scan# 351

Delta R.T. -0.006 min

Lab File: VW021843.D

Acq: 11 Jan 2022 19:44

Instrument :

MSVOA_W

ClientSampleId :

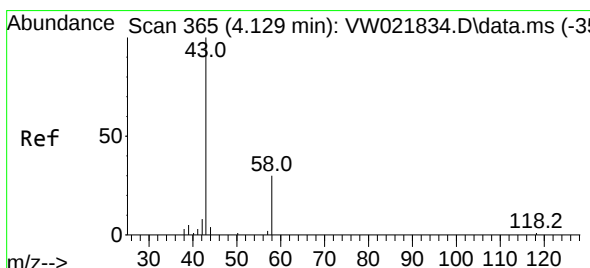
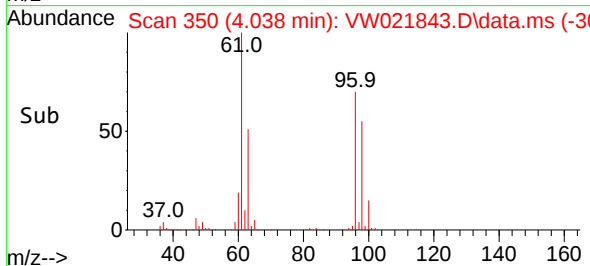
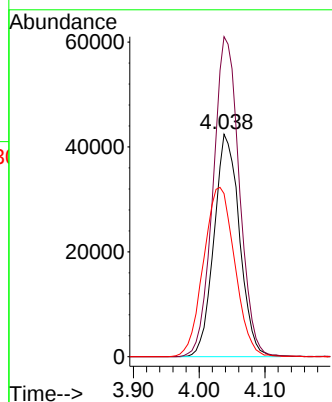
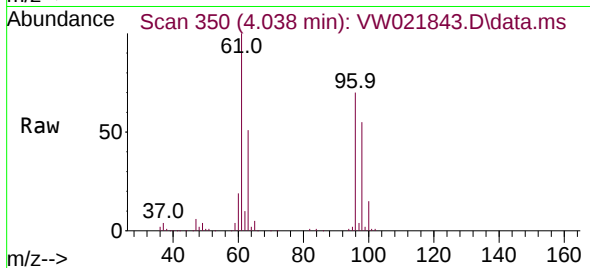
Tgt Ion: 96 Resp: 114424

Ion Ratio Lower Upper

96 100

61 143.9 138.3 256.9

63 73.3 82.6 153.4#



#13

Acetone

Concen: 82.367 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.000 min

Lab File: VW021843.D

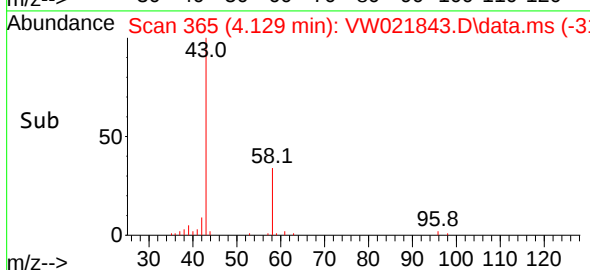
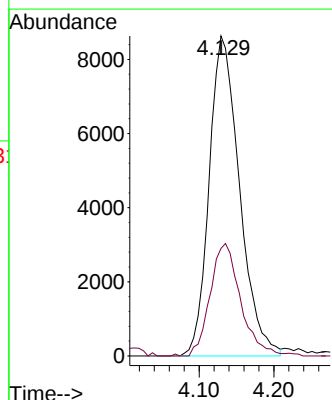
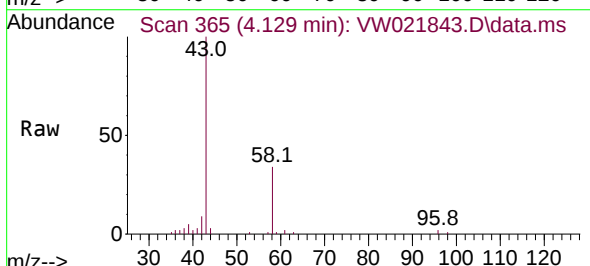
Acq: 11 Jan 2022 19:44

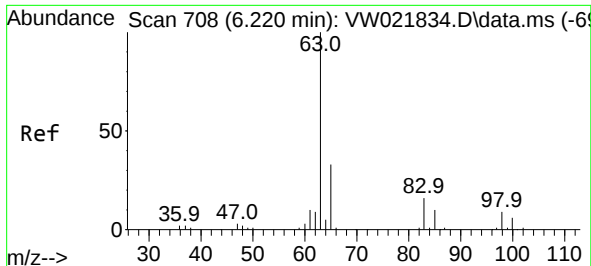
Tgt Ion: 43 Resp: 24369

Ion Ratio Lower Upper

43 100

58 35.0 0.0 52.8





#19

1,1-Dichloroethane

Concen: 1578.715 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021843.D

Acq: 11 Jan 2022 19:44

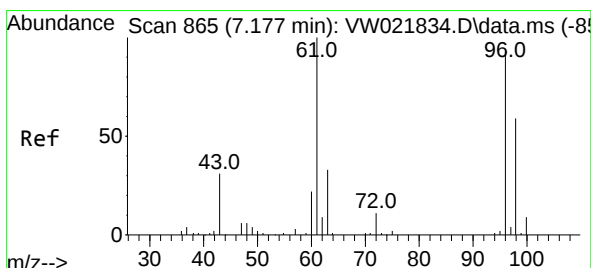
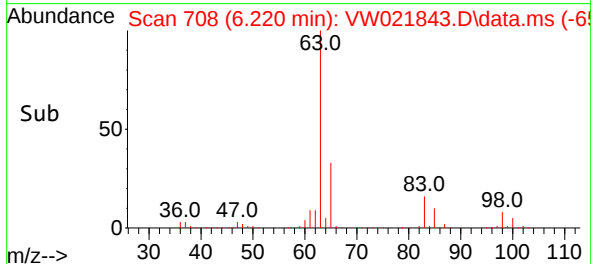
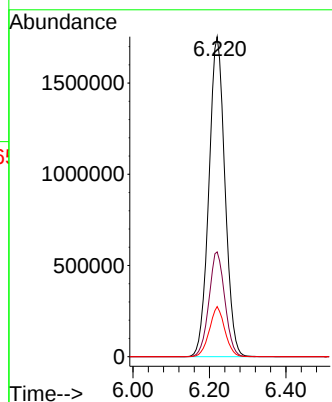
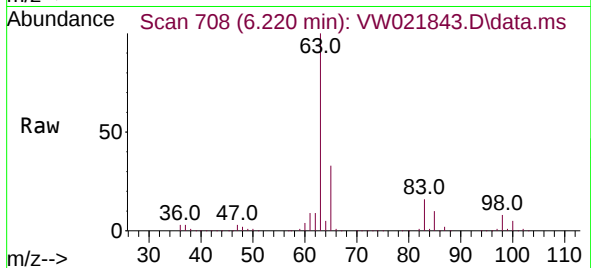
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63 Resp: 5097322

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.1	41.1
83	15.6	9.2	17.2



#22

2-Butanone

Concen: 10.138 ug/L

RT: 7.171 min Scan# 864

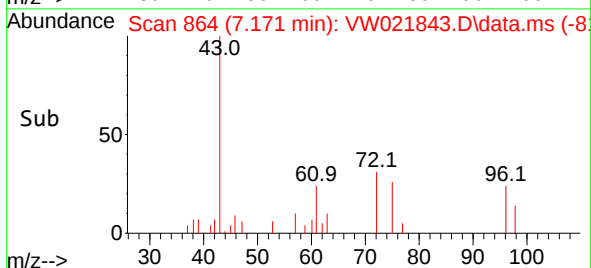
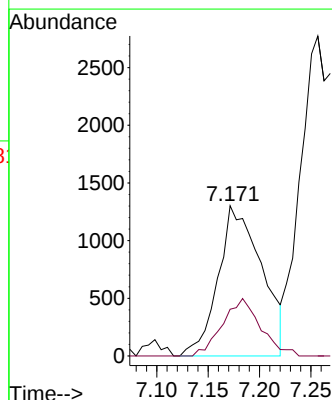
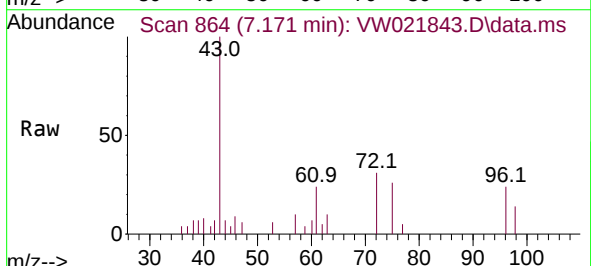
Delta R.T. -0.006 min

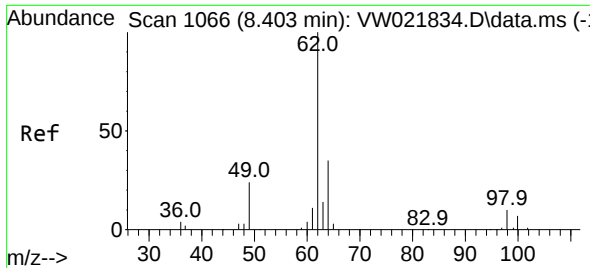
Lab File: VW021843.D

Acq: 11 Jan 2022 19:44

Tgt Ion: 43 Resp: 3834

Ion	Ratio	Lower	Upper
43	100		
72	33.0	11.8	35.4

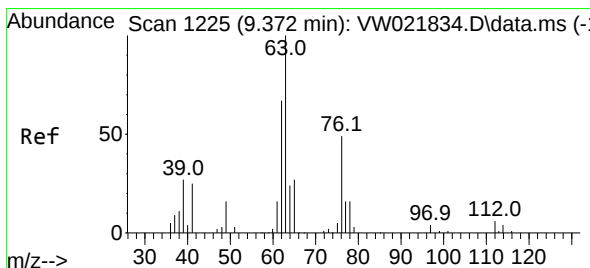
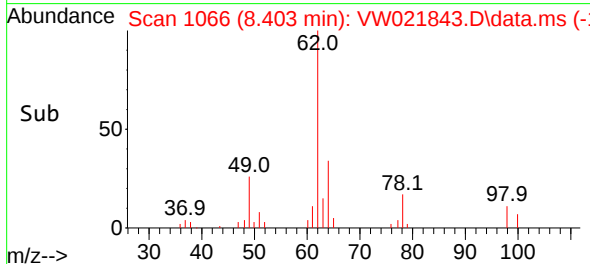
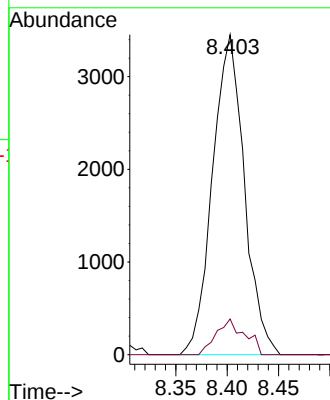
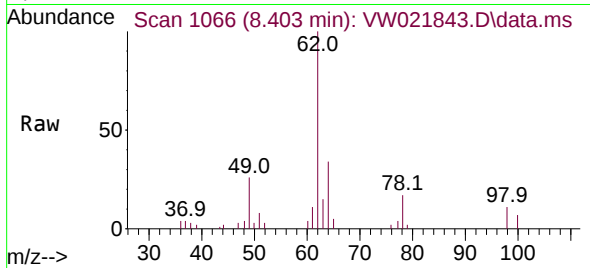




#27
1,2-Dichloroethane
Concen: 3.354 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021843.D
Acq: 11 Jan 2022 19:44

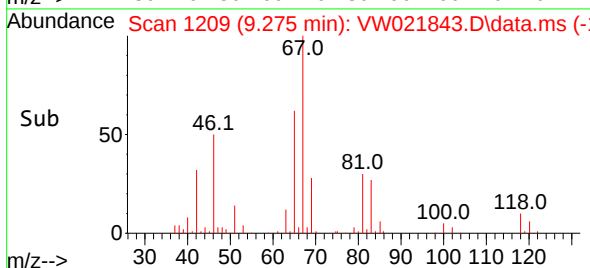
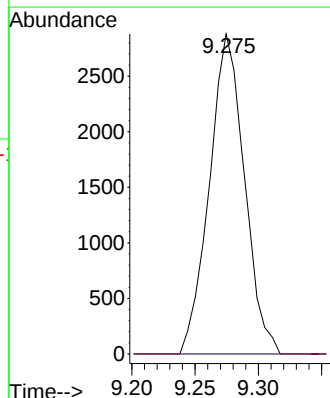
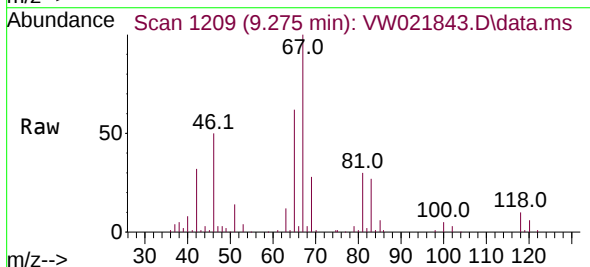
Instrument :
MSVOA_W
ClientSampleId :

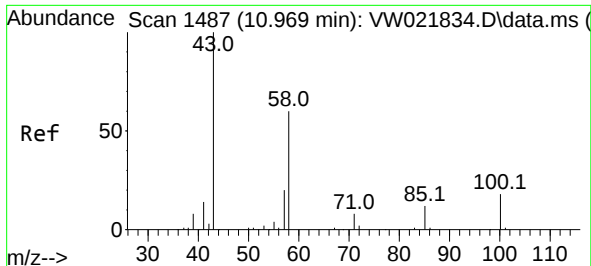
Tgt Ion: 62 Resp: 7419
Ion Ratio Lower Upper
62 100
98 11.1 6.5 9.7#



#37
1,2-Dichloropropane
Concen: 4.052 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021843.D
Acq: 11 Jan 2022 19:44

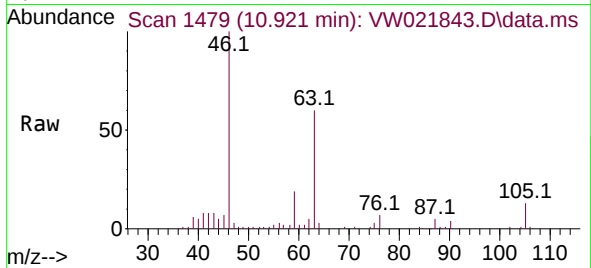
Tgt Ion: 63 Resp: 5540
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



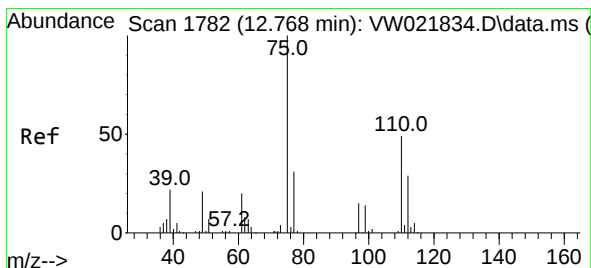
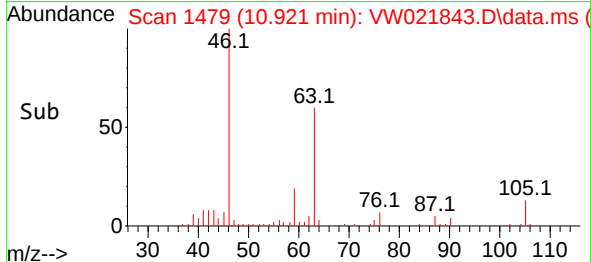
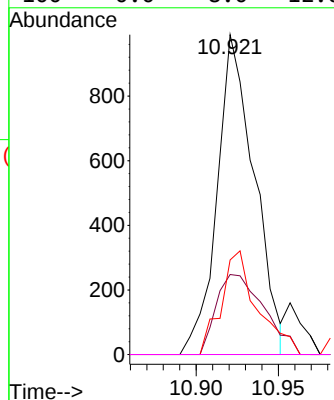


#48
2-Hexanone
Concen: 3.550 ug/L
RT: 10.921 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021843.D
Acq: 11 Jan 2022 19:44

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 32.2 40.2 60.2#
57 31.7 14.3 21.5#
100 0.0 8.0 12.0#



#61
1,2,3-Trichloropropane
Concen: 7.197 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021843.D
Acq: 11 Jan 2022 19:44

Tgt Ion: 75 Resp: 3082
Ion Ratio Lower Upper
75 100
77 36.2 25.8 38.8
110 4.6 29.0 43.4#

