

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021331.D
 Acq On : 11 Dec 2021 16:54
 Operator : SY/VA
 Sample : M5062-09
 Misc : 6.13g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:08:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

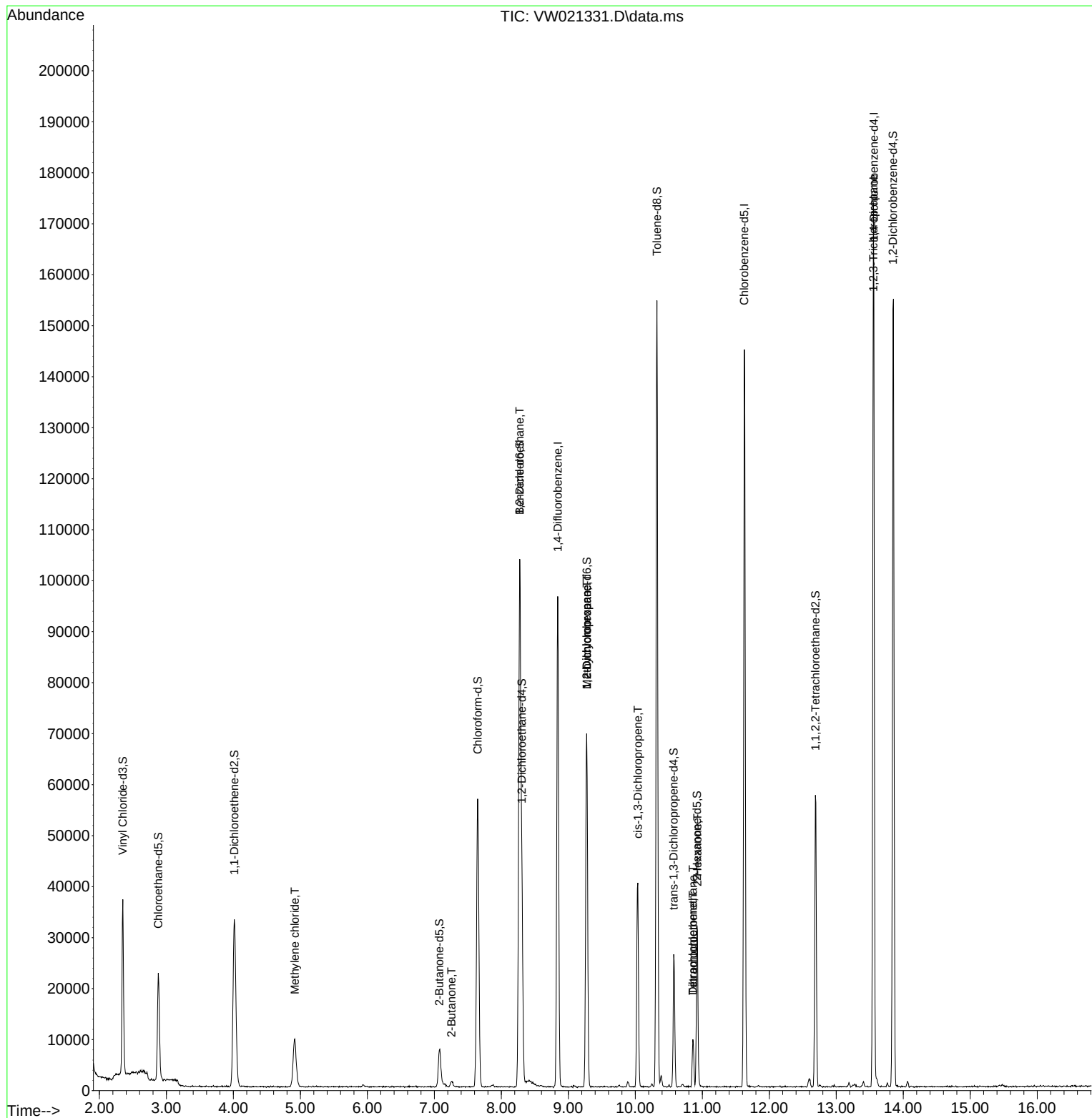
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	81124	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	81320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	46045	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32175	21.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
7) Chloroethane-d5	2.879	69	24563	25.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	4.013	63	30696	15.584	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.320%
21) 2-Butanone-d5	7.074	46	12735	61.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.300%
24) Chloroform-d	7.647	84	56455	24.972	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	8.305	65	29656	24.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.640%
32) Benzene-d6	8.275	84	103625	23.248	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.275	67	29852	24.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	10.323	98	100042	21.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.880%
43) trans-1,3-Dichloroprop...	10.573	79	13297	24.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.640%
47) 2-Hexanone-d5	10.921	63	10512	59.467	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.940%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	27375	26.639	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.847	152	41519	23.266	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.080%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.916	84	7986	5.958	ug/L	82
22) 2-Butanone	7.257	43	1960	8.039	ug/L	# 52
27) 1,2-Dichloroethane	8.275	62	736	0.586	ug/L	# 77
35) Methylcyclohexane	9.275	83	8022	3.911	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	3779	3.824	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1275	0.819	ug/L	# 74
46) Tetrachloroethene	10.860	164	2289	1.938	ug/L	93
48) 2-Hexanone	10.927	43	1419	3.634	ug/L	# 68
49) Dibromochloromethane	10.860	129	1774	1.779	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	5323	7.943	ug/L	# 68

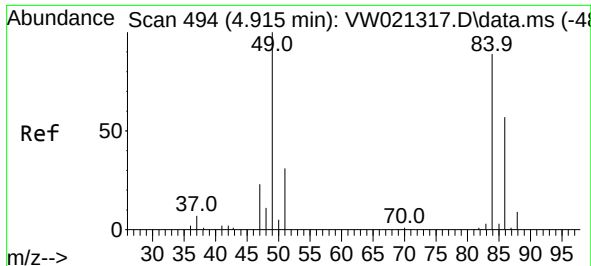
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
Data File : VW021331.D
Acq On : 11 Dec 2021 16:54
Operator : SY/VA
Sample : M5062-09
Misc : 6.13g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

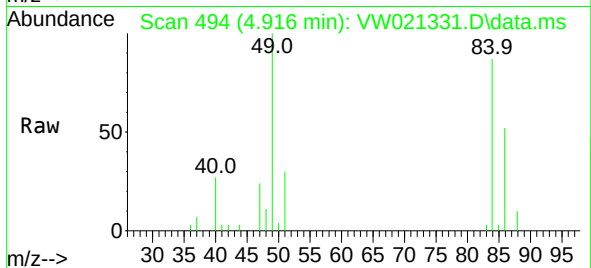
Quant Time: Dec 12 08:08:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration



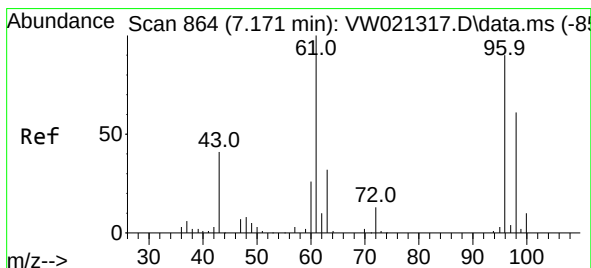
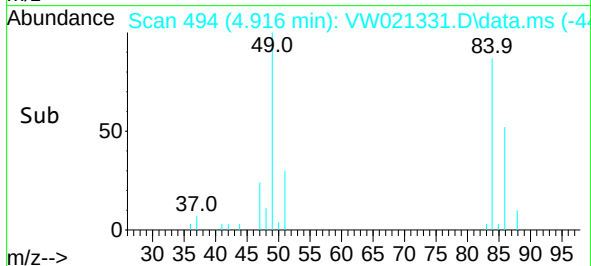
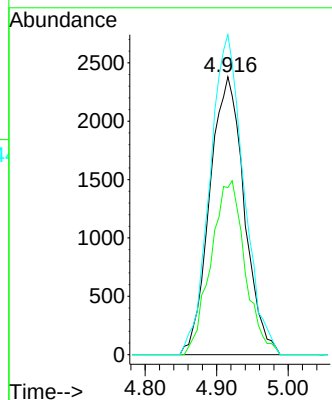


#16
Methylene chloride
Concen: 5.958 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021331.D
Acq: 11 Dec 2021 16:54

Instrument :
MSVOA_W
ClientSampleId :

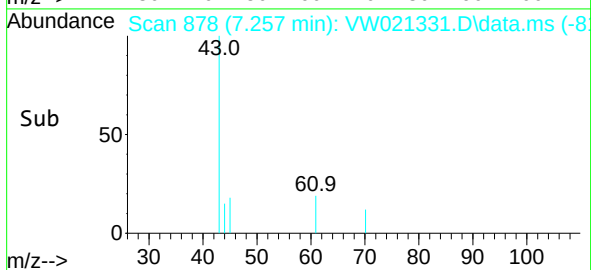
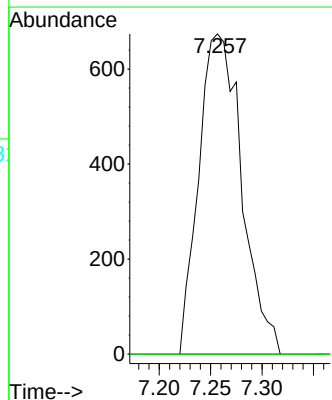
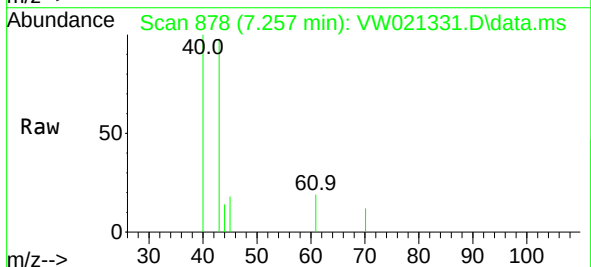


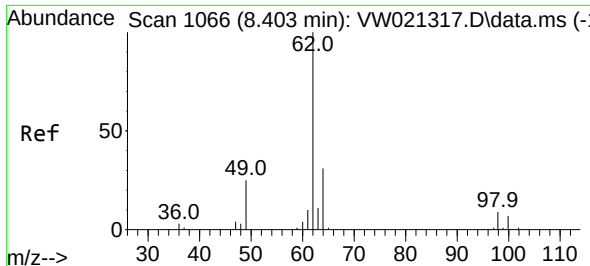
Tgt Ion: 84 Resp: 7986
Ion Ratio Lower Upper
84 100
86 60.1 45.5 84.5
49 115.1 100.5 186.7



#22
2-Butanone
Concen: 8.039 ug/L
RT: 7.257 min Scan# 878
Delta R.T. 0.085 min
Lab File: VW021331.D
Acq: 11 Dec 2021 16:54

Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#27

1,2-Dichloroethane

Concen: 0.586 ug/L

RT: 8.275 min Scan# 1109

Delta R.T. -0.128 min

Lab File: VW021331.D

Acq: 11 Dec 2021 16:54

Instrument :

MSVOA_W

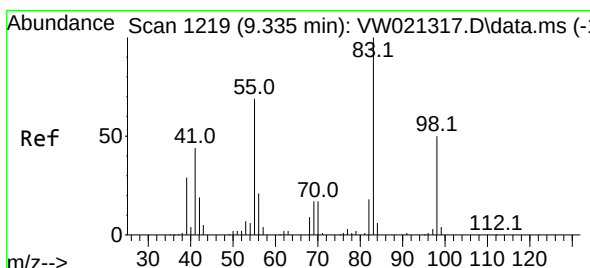
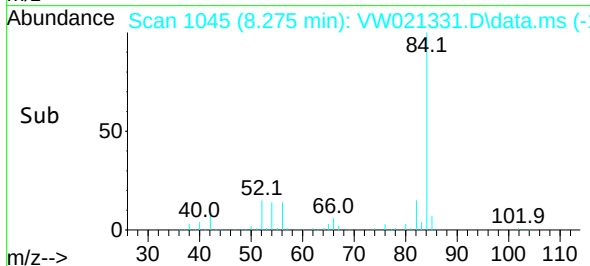
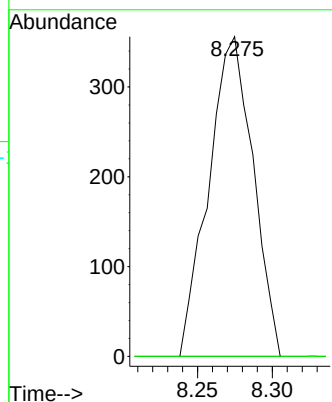
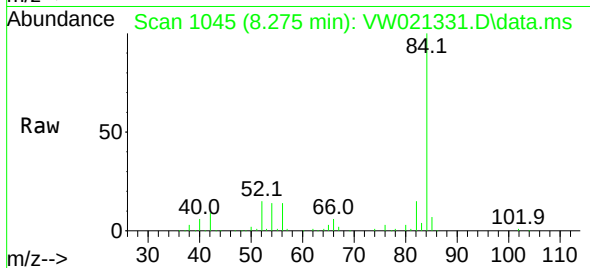
ClientSampleId :

Tgt Ion: 62 Resp: 736

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#35

Methylcyclohexane

Concen: 3.911 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021331.D

Acq: 11 Dec 2021 16:54

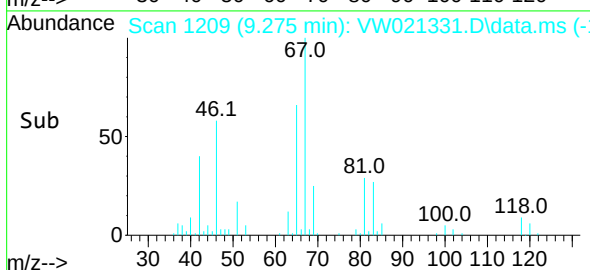
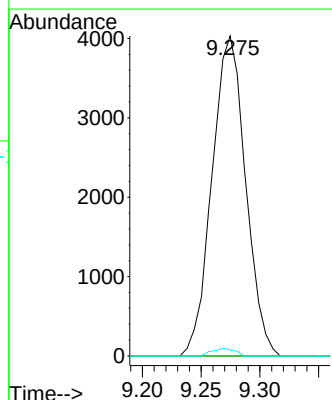
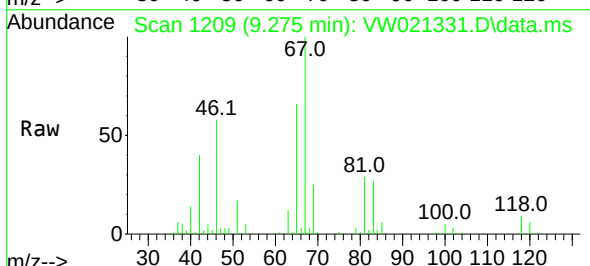
Tgt Ion: 83 Resp: 8022

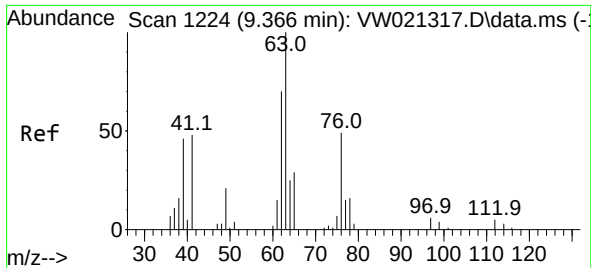
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.6 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.824 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021331.D

Acq: 11 Dec 2021 16:54

Instrument :

MSVOA_W

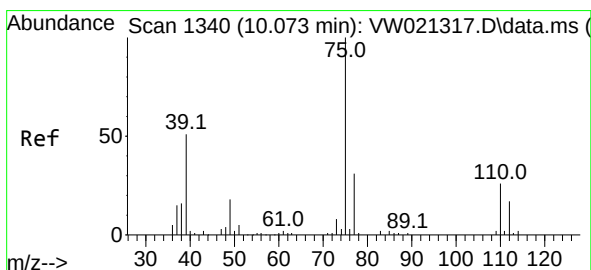
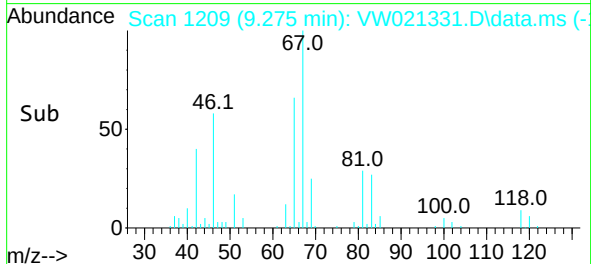
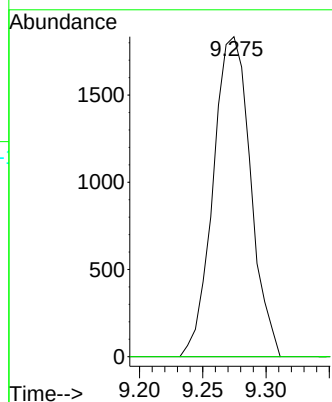
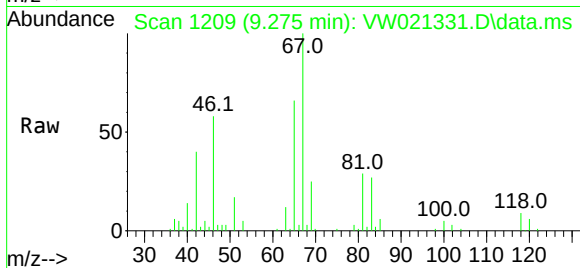
ClientSampleId :

Tgt Ion: 63 Resp: 3779

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.819 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021331.D

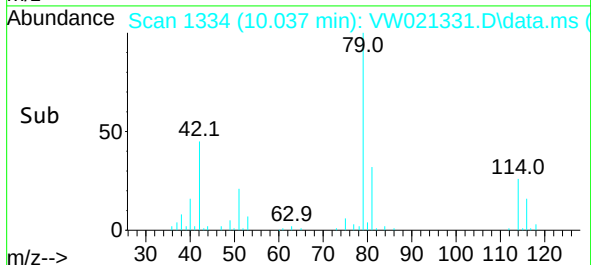
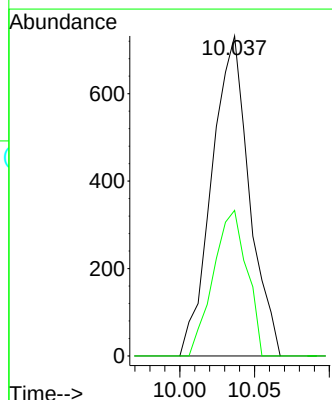
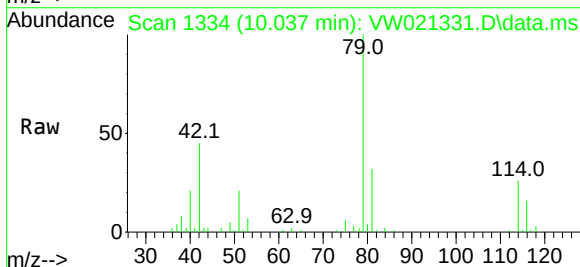
Acq: 11 Dec 2021 16:54

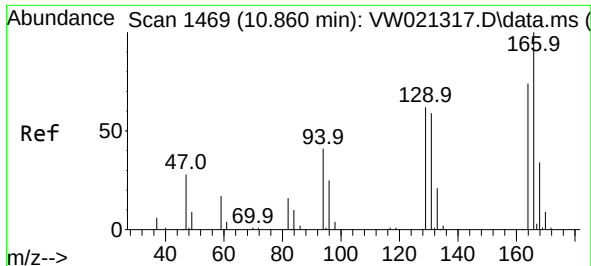
Tgt Ion: 75 Resp: 1275

Ion Ratio Lower Upper

75 100

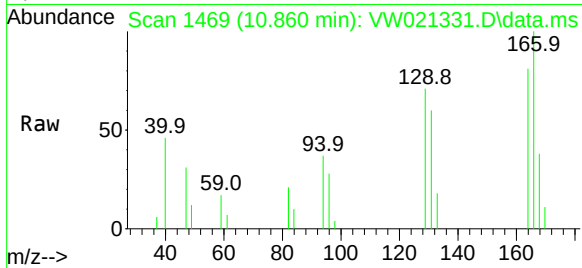
77 45.5 21.8 40.6#





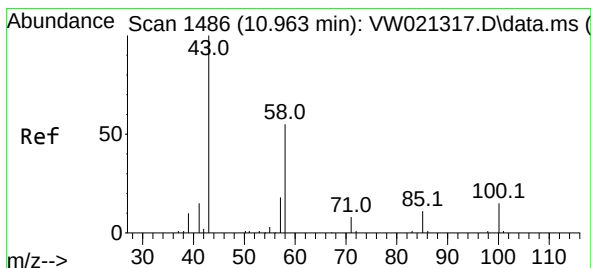
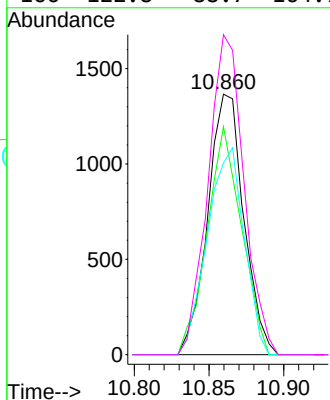
#46
Tetrachloroethene
Concen: 1.938 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021331.D
Acq: 11 Dec 2021 16:54

Instrument :
MSVOA_W
ClientSampleId :

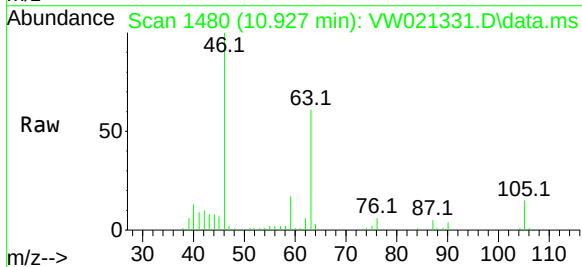


Tgt Ion:164 Resp: 2289

Ion	Ratio	Lower	Upper
164	100		
129	87.6	65.5	121.7
131	73.6	59.7	110.9
166	122.8	88.7	164.7

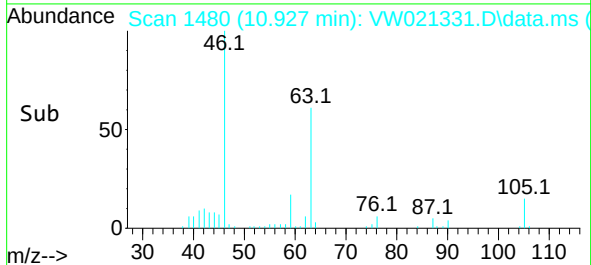
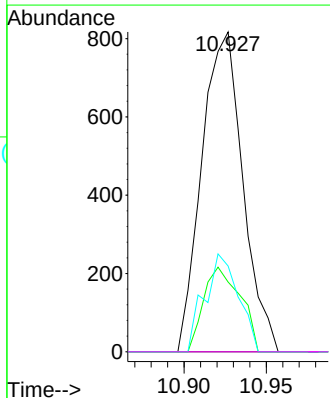


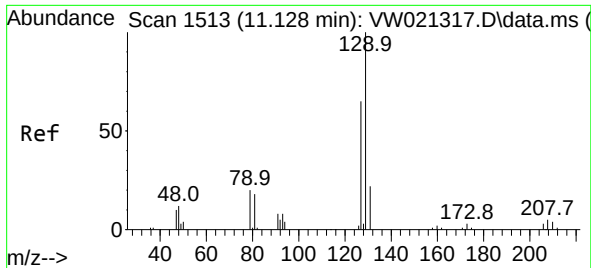
#48
2-Hexanone
Concen: 3.634 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021331.D
Acq: 11 Dec 2021 16:54



Tgt Ion: 43 Resp: 1419

Ion	Ratio	Lower	Upper
43	100		
58	23.6	40.2	60.2#
57	25.2	14.3	21.5#
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 1.779 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021331.D

Acq: 11 Dec 2021 16:54

Instrument :

MSVOA_W

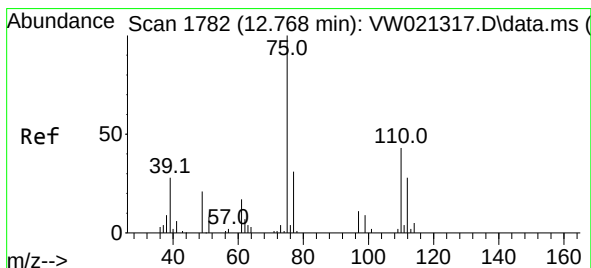
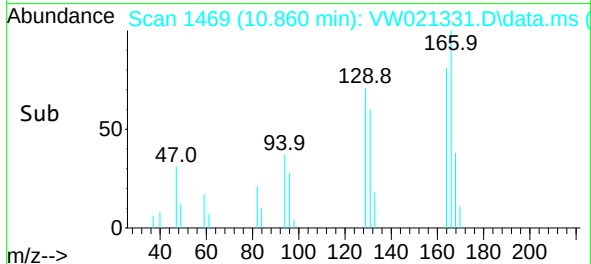
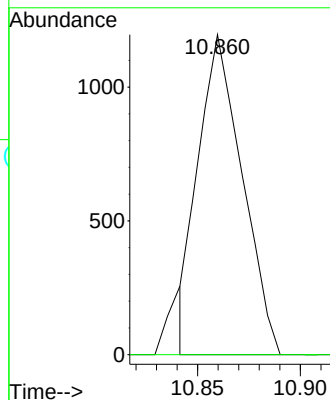
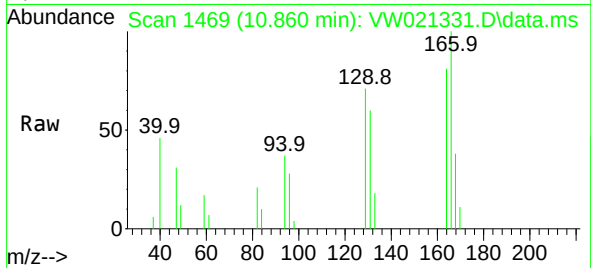
ClientSampleId :

Tgt Ion:129 Resp: 1774

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.943 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021331.D

Acq: 11 Dec 2021 16:54

Tgt Ion: 75 Resp: 5323

Ion Ratio Lower Upper

75 100

77 34.9 25.8 38.8

110 2.8 29.0 43.4#

