

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021280.D
 Acq On : 10 Dec 2021 13:10
 Operator : SY/VA
 Sample : M5004-10
 Misc : 6.59g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:08:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 22:05:53 2021
 Response via : Initial Calibration

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

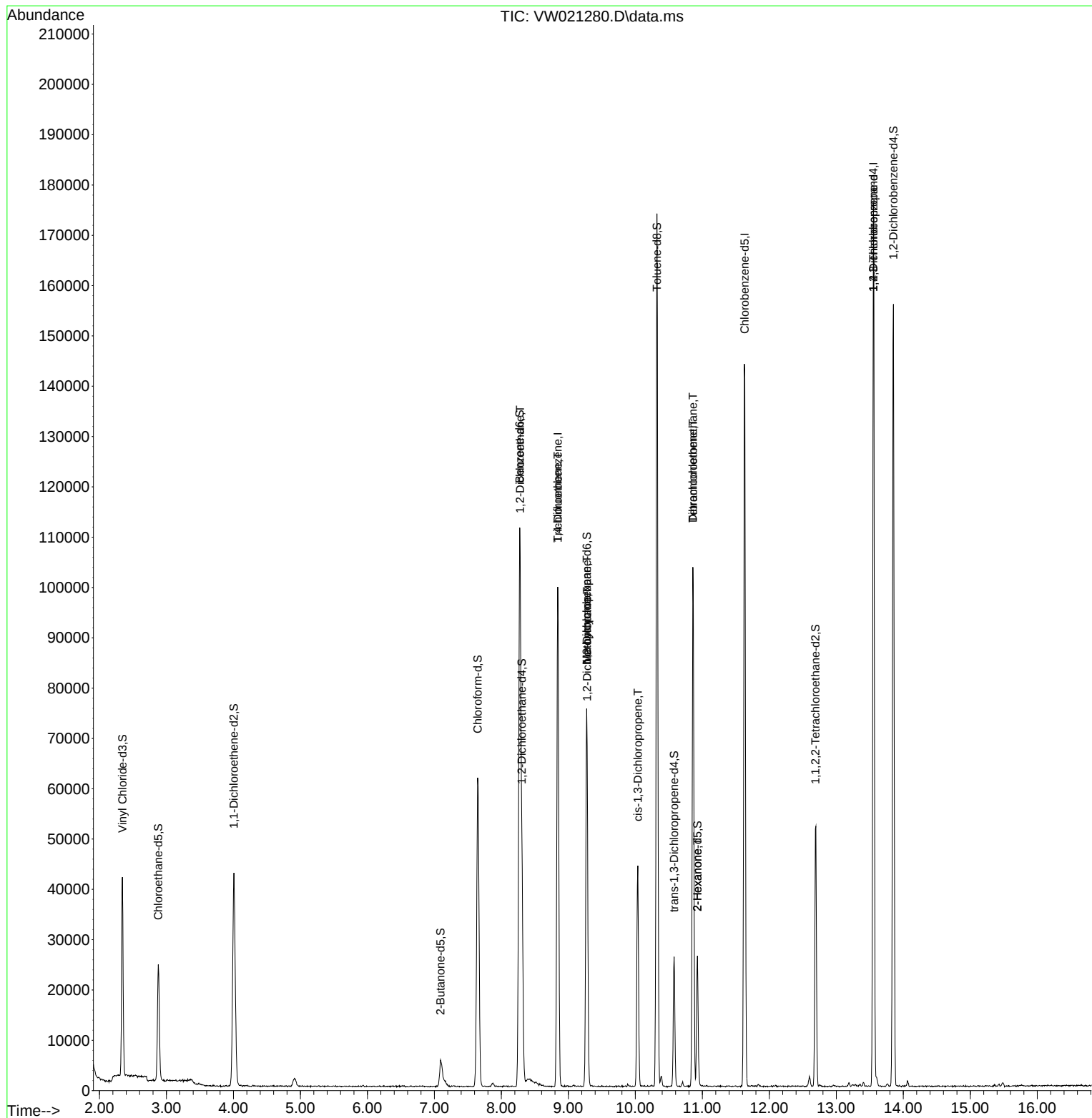
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85107	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	81495	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	47760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	38035	24.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.160%
7) Chloroethane-d5	2.879	69	26233	25.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	4.007	63	38539	18.650	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.600%
21) 2-Butanone-d5	7.092	46	9860	45.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.260%
24) Chloroform-d	7.647	84	60712	25.598	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	8.305	65	31007	24.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.320%
32) Benzene-d6	8.275	84	114082	25.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.274	67	32189	26.869	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.480%
41) Toluene-d8	10.323	98	111227	24.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.579	79	13455	24.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.560%
47) 2-Hexanone-d5	10.927	63	8578	48.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24491	23.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	41572	22.460	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.840%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.281	62	707	0.537	ug/L #	77
34) Trichloroethene	8.842	95	2482	1.992	ug/L #	5
35) Methylcyclohexane	9.274	83	8440	4.106	ug/L #	14
37) 1,2-Dichloropropane	9.280	63	4127	4.168	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1300	0.833	ug/L #	64
46) Tetrachloroethene	10.859	164	22522	19.024	ug/L	97
48) 2-Hexanone	10.927	43	1083	2.768	ug/L #	64
49) Dibromochloromethane	10.859	129	19720	19.736	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5527	7.951	ug/L #	70

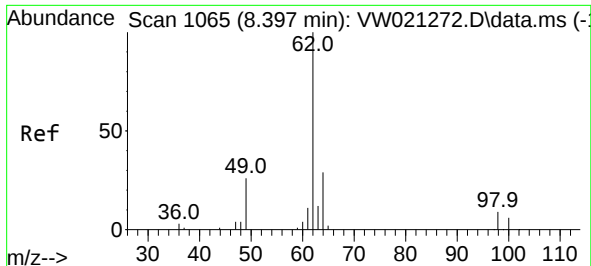
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 22:05:53 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.537 ug/L

RT: 8.281 min Scan# 1138

Delta R.T. -0.116 min

Lab File: VW021280.D

Acq: 10 Dec 2021 13:10

Instrument :

MSVOA_W

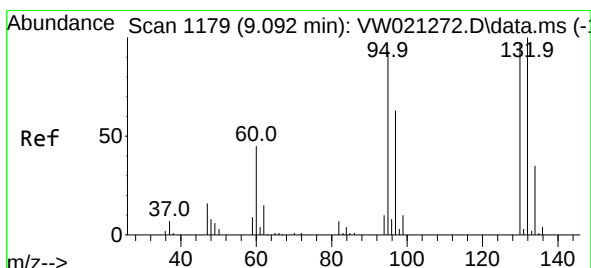
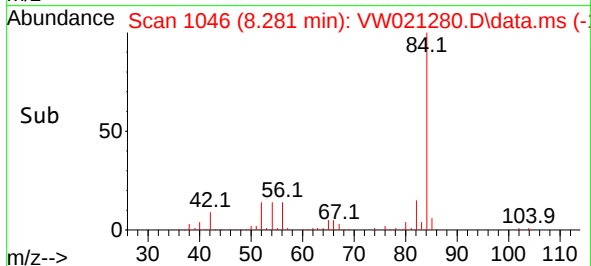
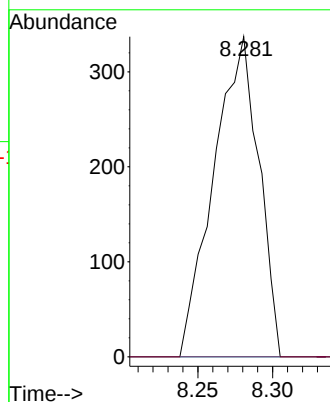
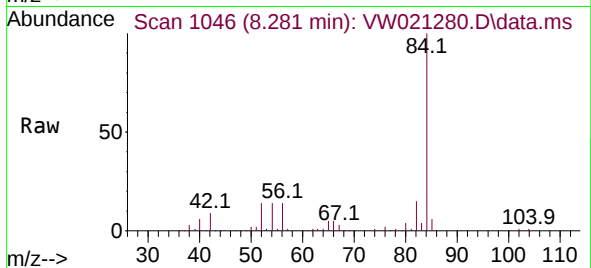
ClientSampleId :

Tgt Ion: 62 Resp: 707

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.992 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021280.D

Acq: 10 Dec 2021 13:10

Tgt Ion: 95 Resp: 2482

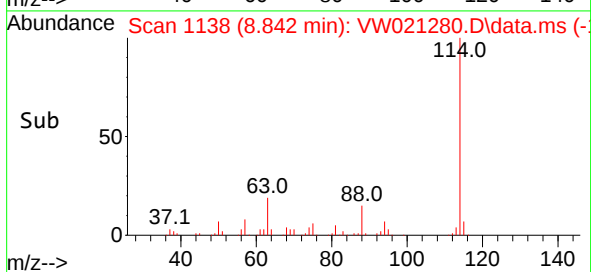
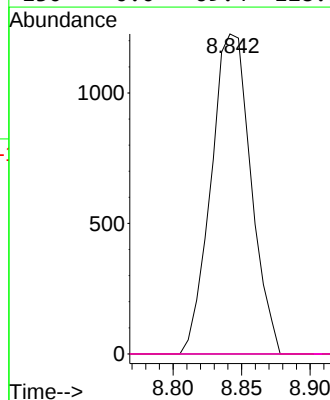
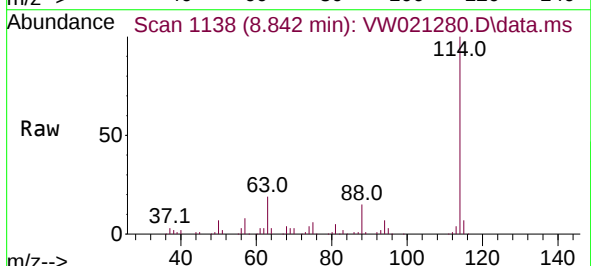
Ion Ratio Lower Upper

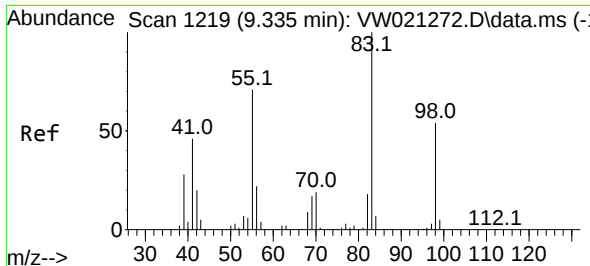
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

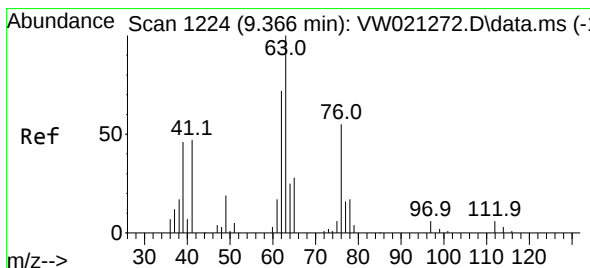
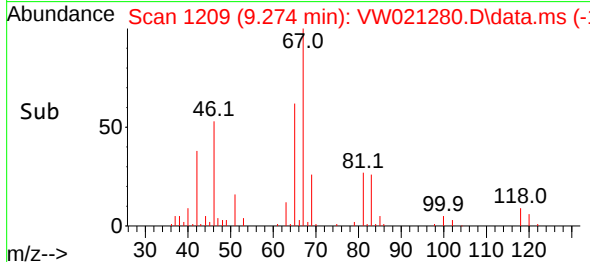
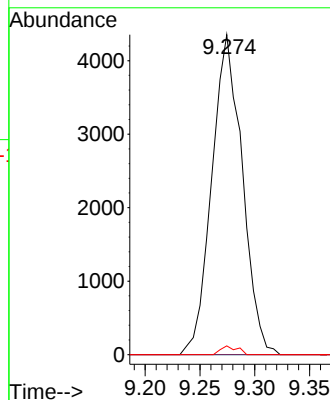
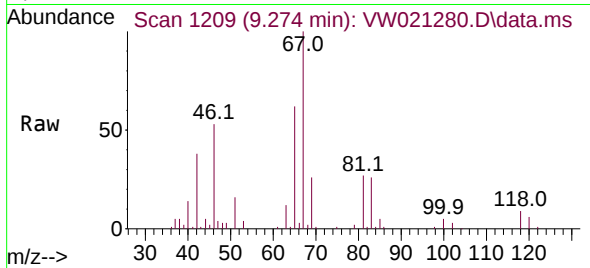




#35
Methylcyclohexane
Concen: 4.106 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021280.D
Acq: 10 Dec 2021 13:10

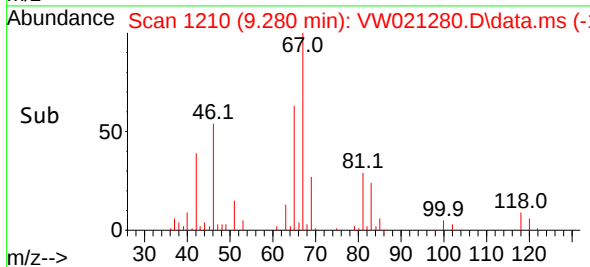
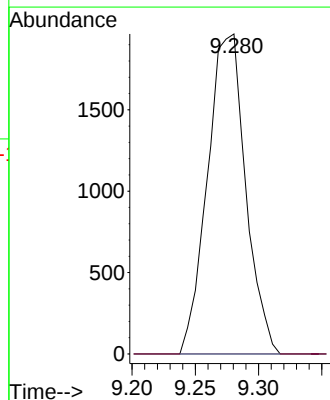
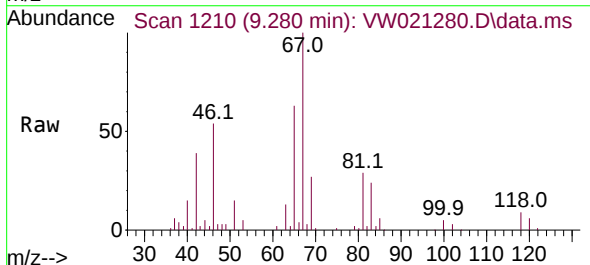
Instrument :
MSVOA_W
ClientSampleId :

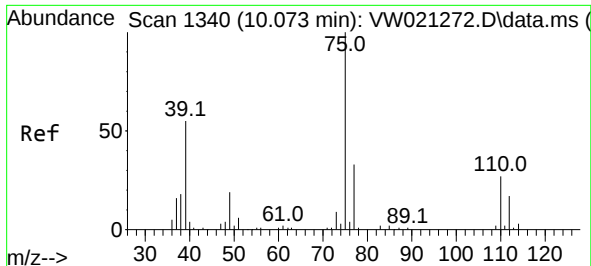
Tgt Ion: 83 Resp: 8440
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.5 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 4.168 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW021280.D
Acq: 10 Dec 2021 13:10

Tgt Ion: 63 Resp: 4127
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.833 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021280.D

Acq: 10 Dec 2021 13:10

Instrument :

MSVOA_W

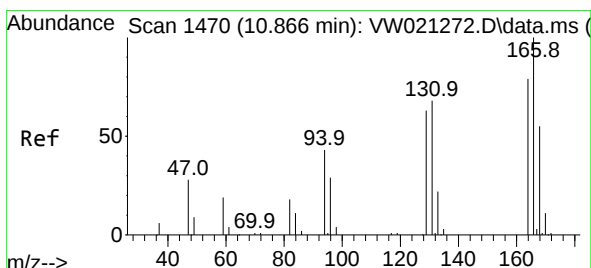
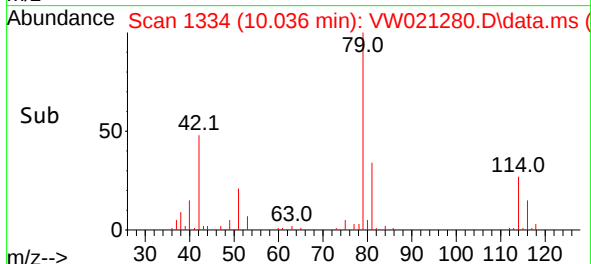
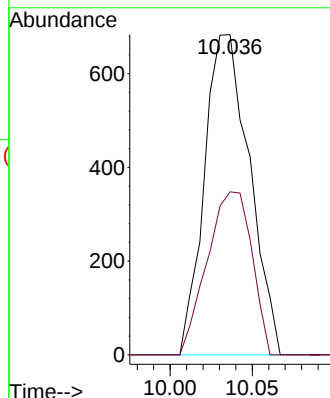
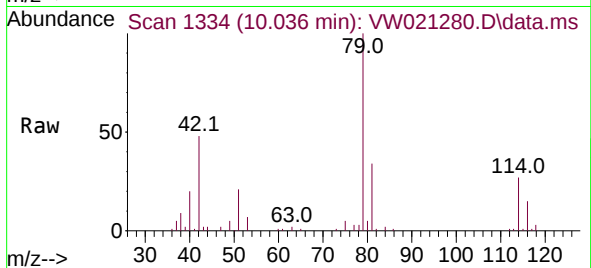
ClientSampleId :

Tgt Ion: 75 Resp: 1300

Ion Ratio Lower Upper

75 100

77 51.0 21.8 40.6#



#46

Tetrachloroethene

Concen: 19.024 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021280.D

Acq: 10 Dec 2021 13:10

Tgt Ion:164 Resp: 22522

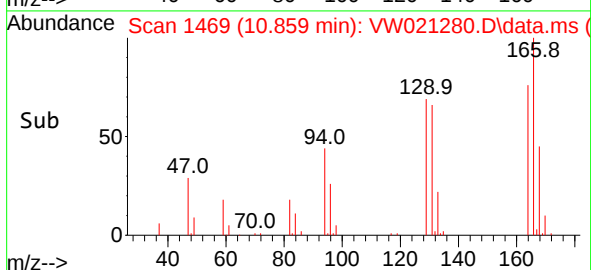
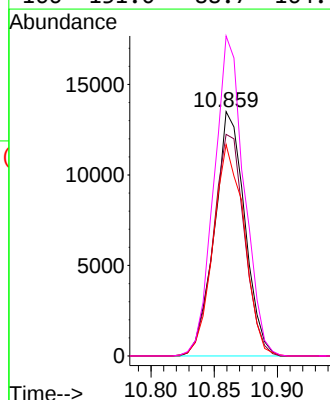
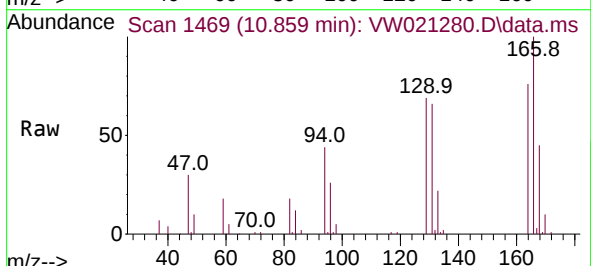
Ion Ratio Lower Upper

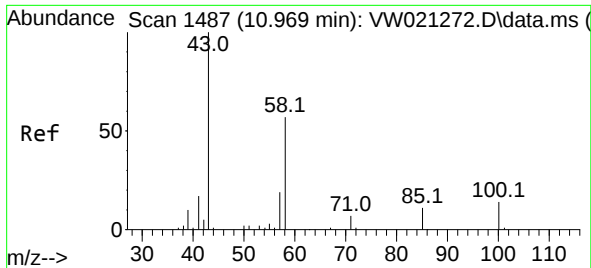
164 100

129 90.7 65.5 121.7

131 86.5 59.7 110.9

166 131.0 88.7 164.7

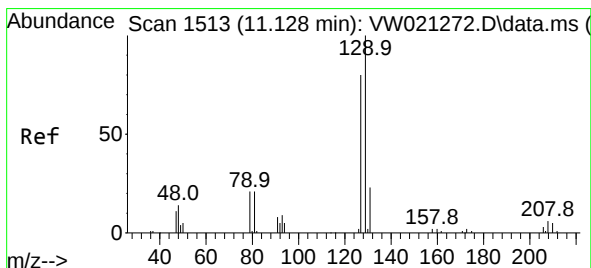
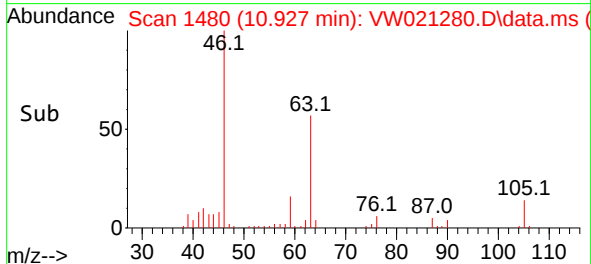
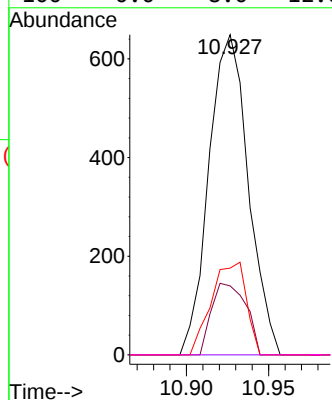
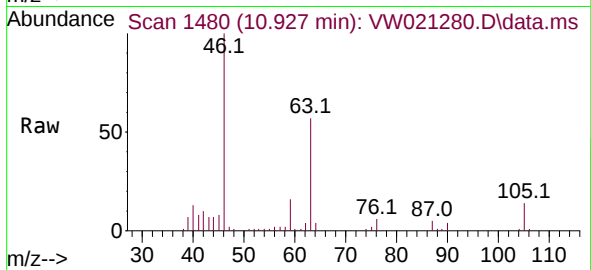




#48
2-Hexanone
Concen: 2.768 ug/L
RT: 10.927 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021280.D
Acq: 10 Dec 2021 13:10

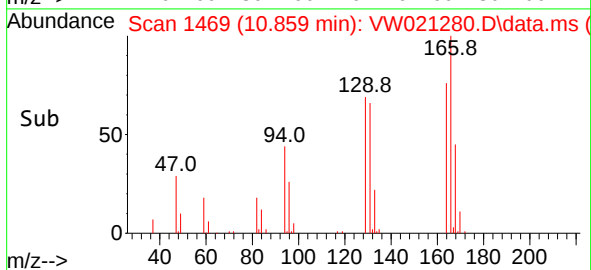
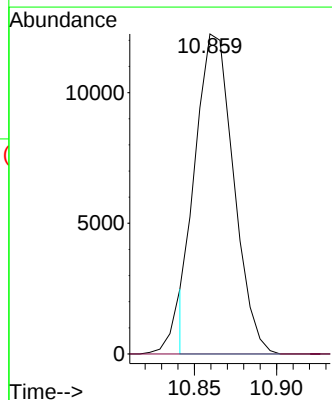
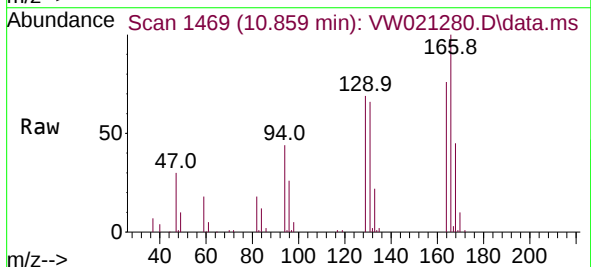
Instrument :
MSVOA_W
ClientSampleId :

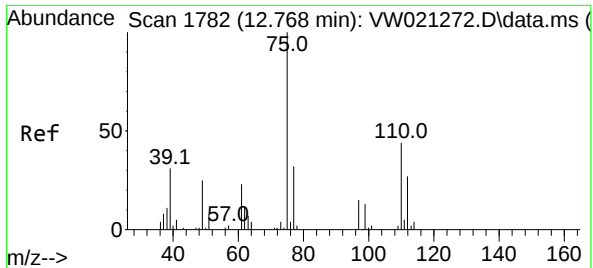
Tgt Ion: 43	Resp: 1083
Ion Ratio	Lower Upper
43 100	
58 19.5	40.2 60.2#
57 25.6	14.3 21.5#
100 0.0	8.0 12.0#



#49
Dibromochloromethane
Concen: 19.736 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021280.D
Acq: 10 Dec 2021 13:10

Tgt Ion:129	Resp:	19720	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.951 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021280.D
 Acq: 10 Dec 2021 13:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	75	Resp:	5527
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
110	2.4	29.0	43.4#

