

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021285.D
 Acq On : 10 Dec 2021 15:10
 Operator : SY/VA
 Sample : M5004-12
 Misc : 5.93g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:09:38 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)

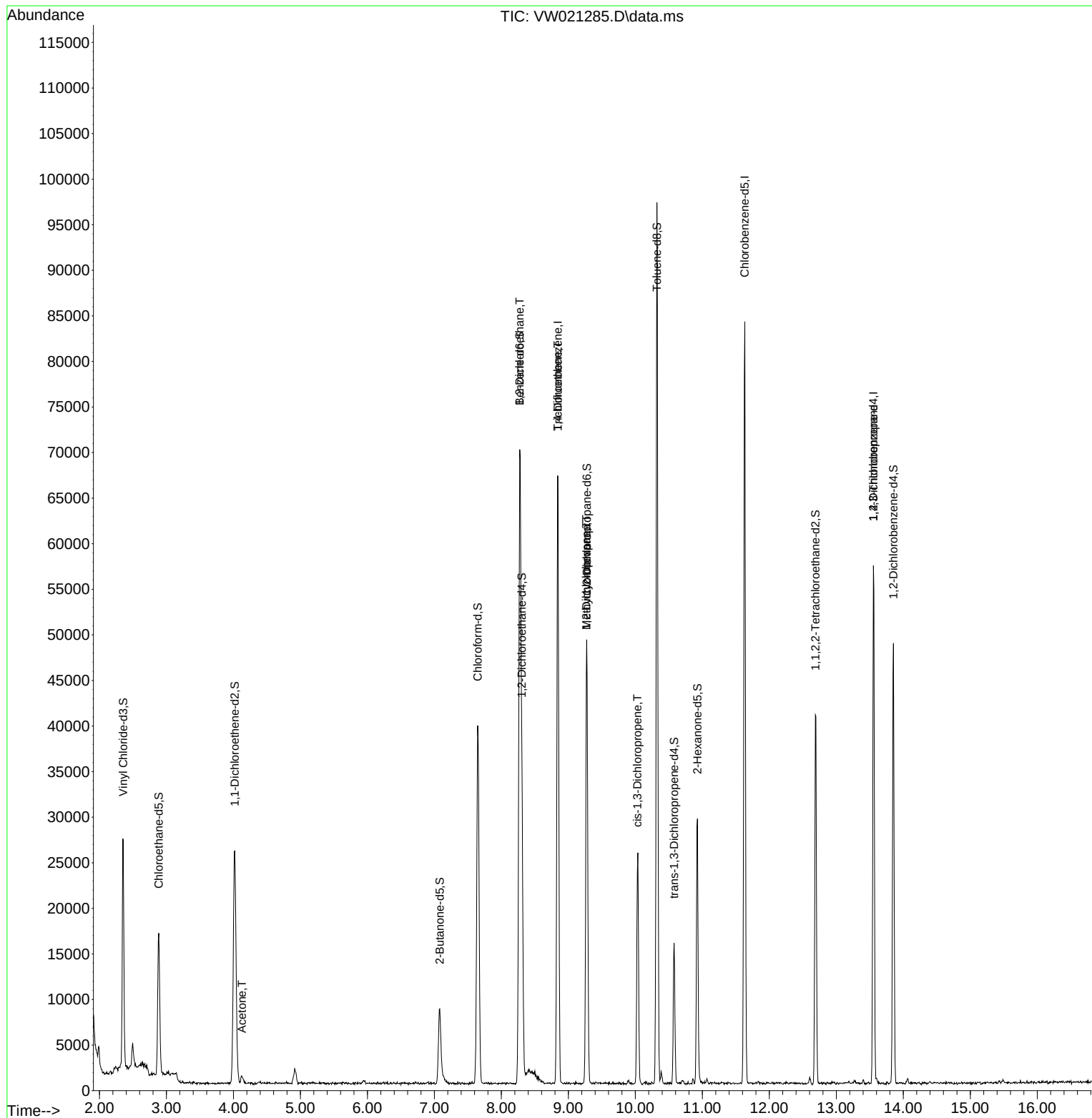
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	56411	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	47305	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	15931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	23944	23.306	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
7) Chloroethane-d5	2.885	69	18297	26.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.760%
11) 1,1-Dichloroethene-d2	4.019	63	23815	17.387	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.560%
21) 2-Butanone-d5	7.080	46	13703	94.620	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	189.240%#
24) Chloroform-d	7.647	84	38827	24.698	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	8.305	65	23013	27.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.080%
32) Benzene-d6	8.275	84	70955	27.365	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.440%
36) 1,2-Dichloropropane-d6	9.274	67	20799	29.909	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.640%
41) Toluene-d8	10.323	98	61276	23.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.520%
43) trans-1,3-Dichloroprop...	10.579	79	8298	25.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.680%
47) 2-Hexanone-d5	10.926	63	9602	93.377	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.760%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19203	32.123	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.480%#
66) 1,2-Dichlorobenzene-d4	13.853	152	12962	20.994	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.960%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	1512	11.646	ug/L	96
27) 1,2-Dichloroethane	8.275	62	475	0.544	ug/L	# 77
34) Trichloroethene	8.841	95	1762	2.436	ug/L	# 5
35) Methylcyclohexane	9.268	83	5677	4.757	ug/L	# 14
37) 1,2-Dichloropropane	9.268	63	2682	4.666	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	803	0.886	ug/L	85
61) 1,2,3-Trichloropropane	13.554	75	1855	8.001	ug/L	# 68

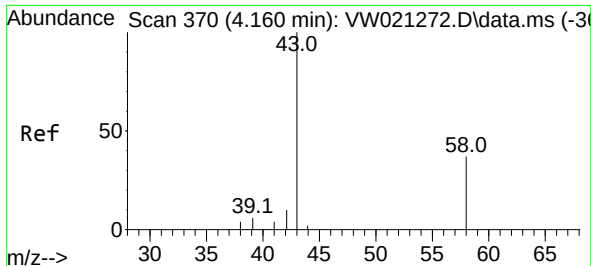
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Dec 10 22:09:38 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

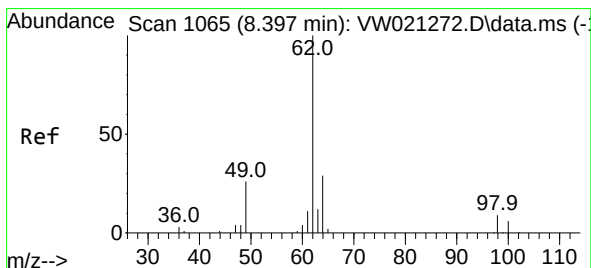
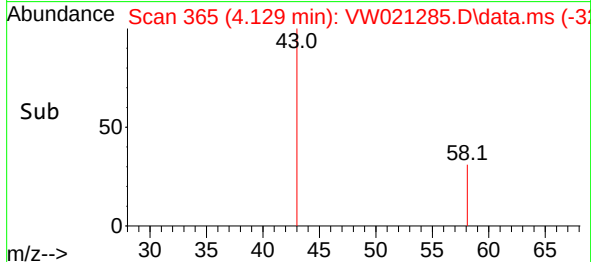
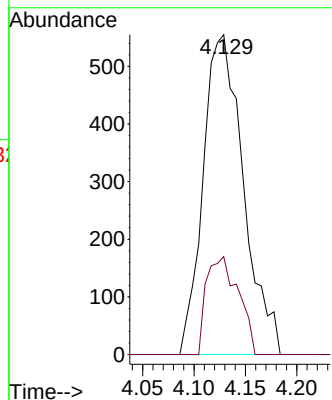
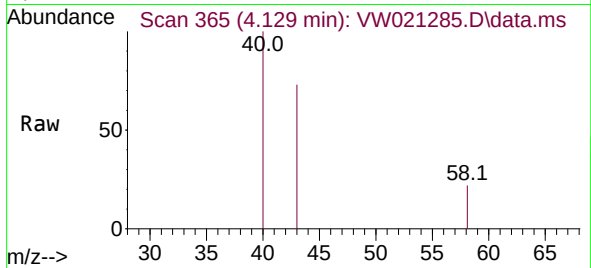




#13
Acetone
Concen: 11.646 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.031 min
Lab File: VW021285.D
Acq: 10 Dec 2021 15:10

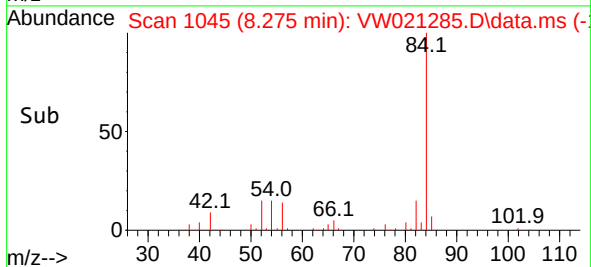
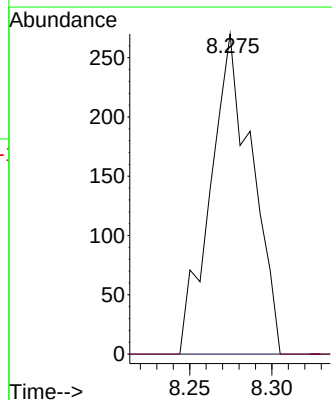
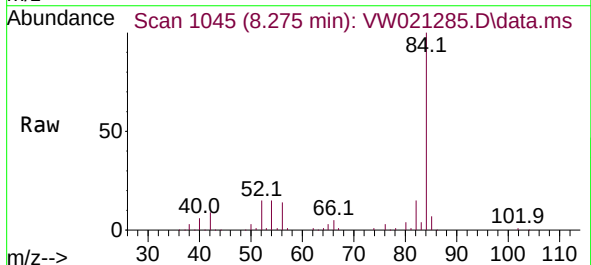
Instrument :
MSVOA_W
ClientSampleId :

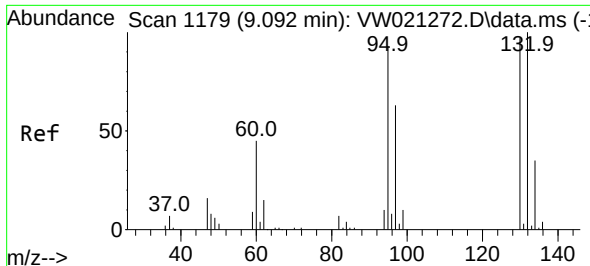
Tgt Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
58 24.2 0.0 52.8



#27
1,2-Dichloroethane
Concen: 0.544 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW021285.D
Acq: 10 Dec 2021 15:10

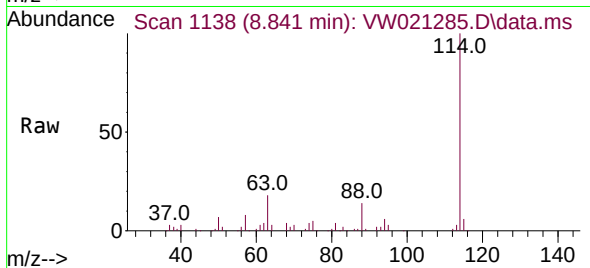
Tgt Ion: 62 Resp: 475
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



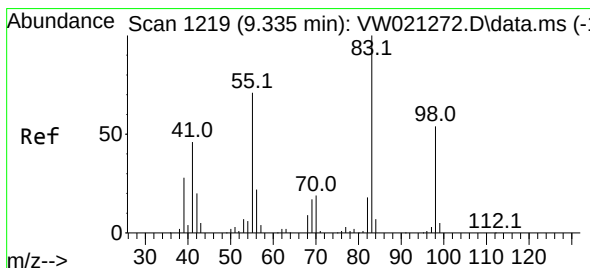
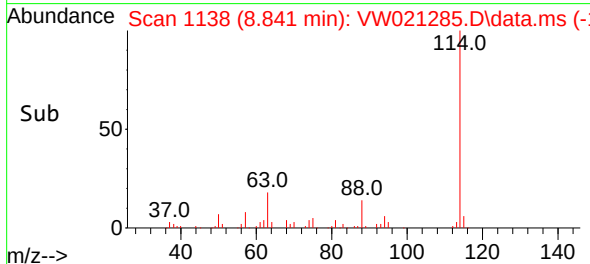
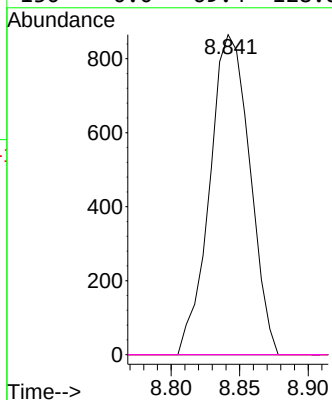


#34
Trichloroethene
Concen: 2.436 ug/L
RT: 8.841 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021285.D
Acq: 10 Dec 2021 15:10

Instrument :
MSVOA_W
ClientSampleId :

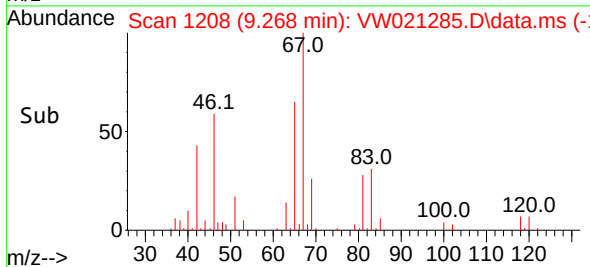
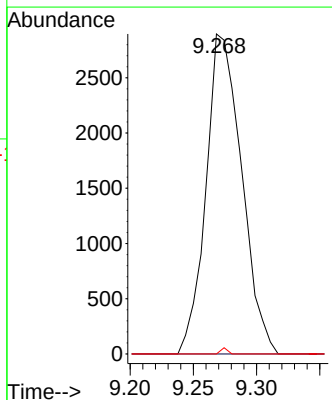
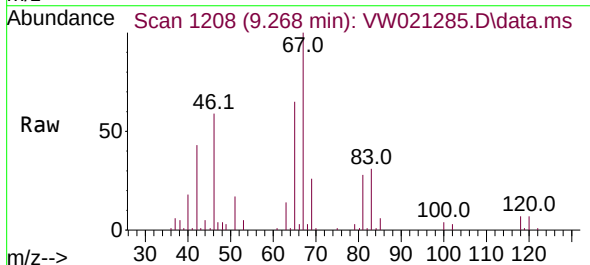


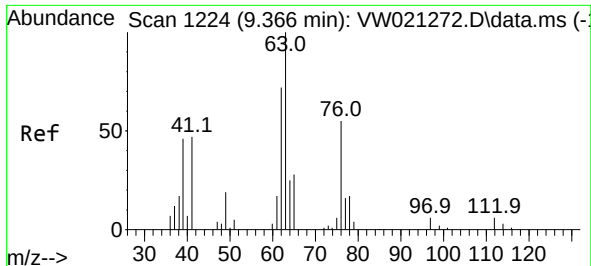
Tgt Ion: 95 Resp: 1762
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#35
Methylcyclohexane
Concen: 4.757 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.067 min
Lab File: VW021285.D
Acq: 10 Dec 2021 15:10

Tgt Ion: 83 Resp: 5677
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 4.666 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021285.D

Acq: 10 Dec 2021 15:10

Instrument :

MSVOA_W

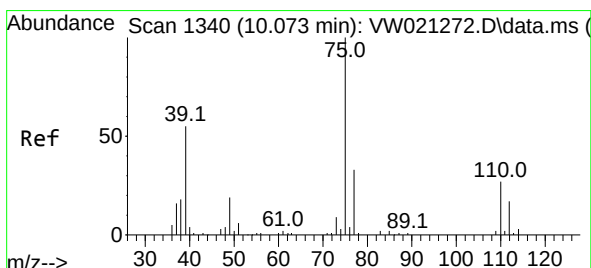
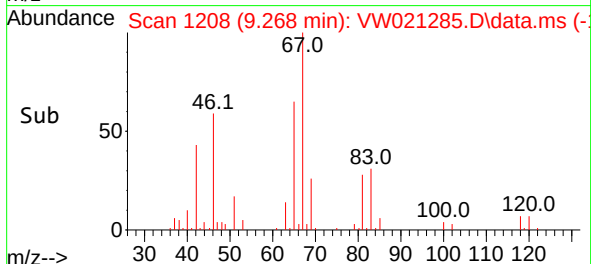
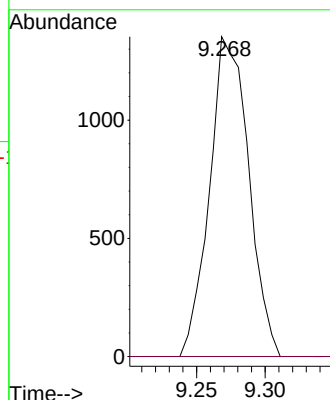
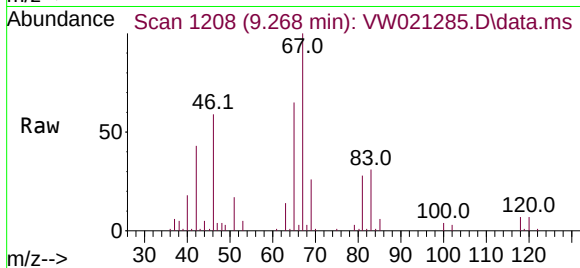
ClientSampleId :

Tgt Ion: 63 Resp: 2682

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.886 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021285.D

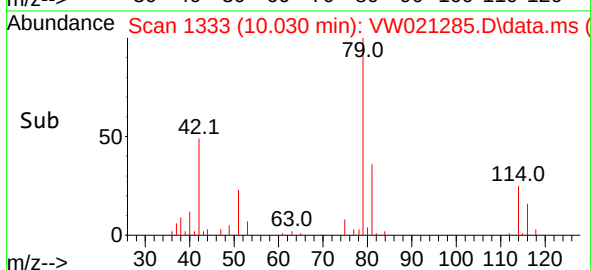
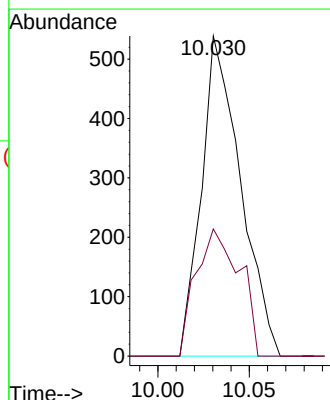
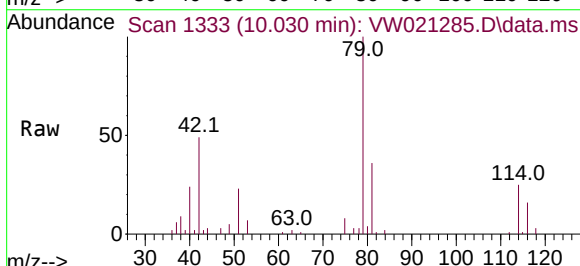
Acq: 10 Dec 2021 15:10

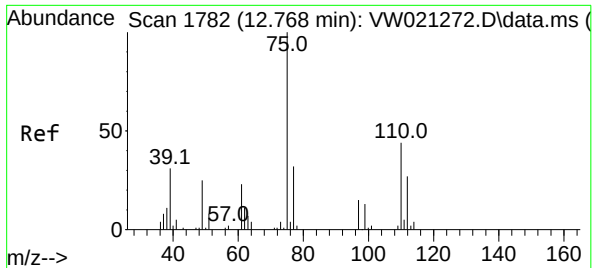
Tgt Ion: 75 Resp: 803

Ion Ratio Lower Upper

75 100

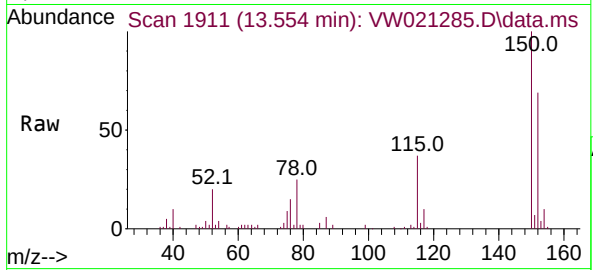
77 39.7 21.8 40.6





#61
 1,2,3-Trichloropropane
 Concen: 8.001 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021285.D
 Acq: 10 Dec 2021 15:10

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75	Resp:	1855
Ion Ratio	Lower	Upper
75	100	
77	34.1	25.8 38.8
110	2.2	29.0 43.4#

