

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020542.D
 Acq On : 15 Oct 2021 18:35
 Operator : SY/VA
 Sample : M4213-01
 Misc : 3.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 06:58:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 16 06:56:08 2021
 Response via : Initial Calibration

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

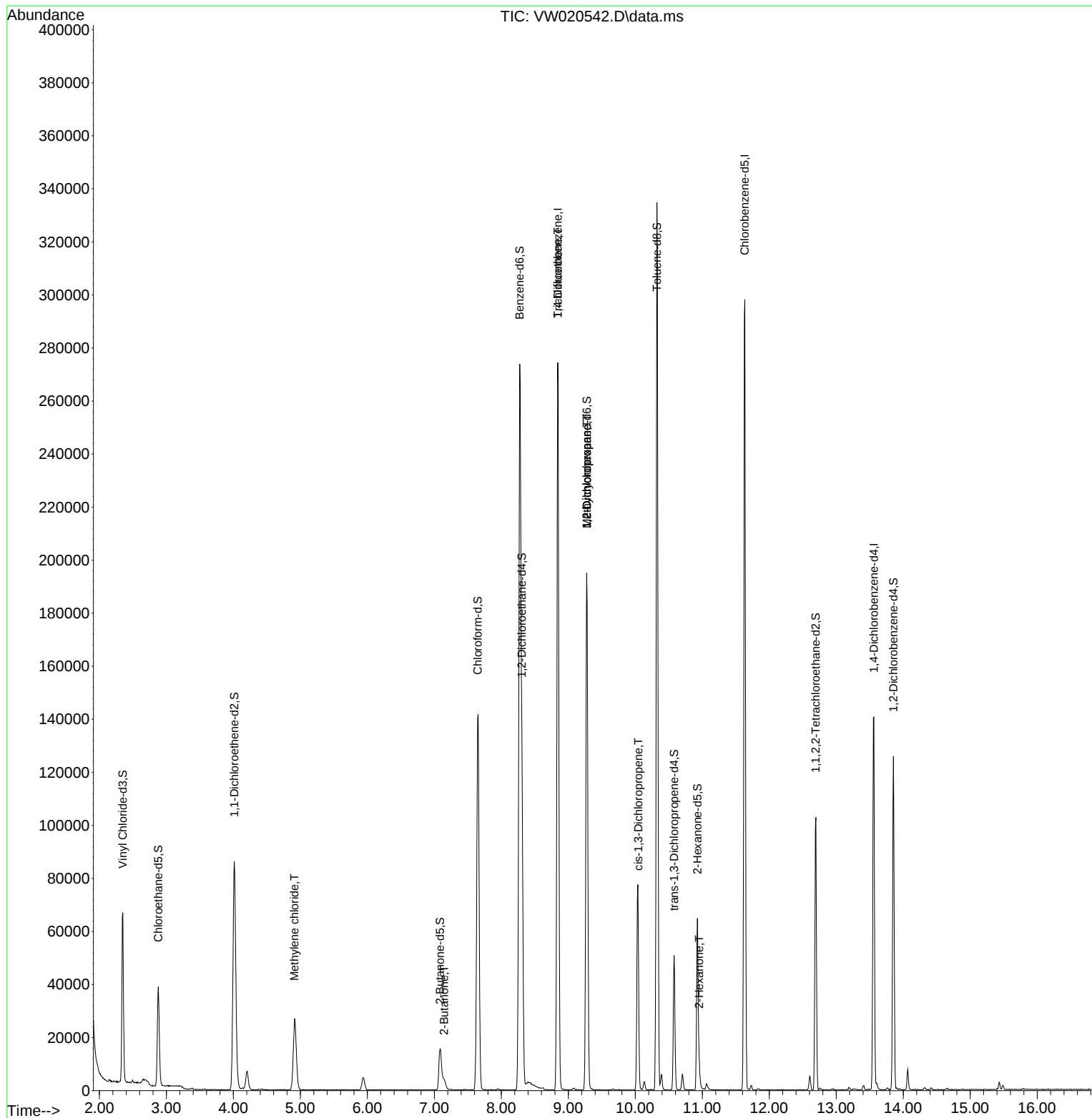
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	206448	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	151893	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	35540	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	63065	20.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
7) Chloroethane-d5	2.879	69	39098	24.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.560%
11) 1,1-Dichloroethene-d2	4.013	63	91573	14.877	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.520%
21) 2-Butanone-d5	7.086	46	27842	30.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.900%
24) Chloroform-d	7.647	84	141228	21.461	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.840%
26) 1,2-Dichloroethane-d4	8.305	65	82326	21.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.275	84	260907	26.114	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.440%
36) 1,2-Dichloropropane-d6	9.274	67	88565	27.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.800%
41) Toluene-d8	10.323	98	204965	22.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	10.579	79	26875	20.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.240%
47) 2-Hexanone-d5	10.927	63	18913	37.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.520%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	50328	20.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	29726	21.382	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.520%
Target Compounds						Qvalue
16) Methylene chloride	4.909	84	18906	4.711	ug/L	95
22) 2-Butanone	7.147	43	4414	4.201	ug/L #	51
34) Trichloroethene	8.842	95	6859	2.573	ug/L #	8
35) Methylcyclohexane	9.274	83	20829	4.567	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	10253	3.660	ug/L #	87
39) cis-1,3-Dichloropropene	10.043	75	1992	0.515	ug/L #	67
48) 2-Hexanone	10.951	43	6674	5.410	ug/L #	62

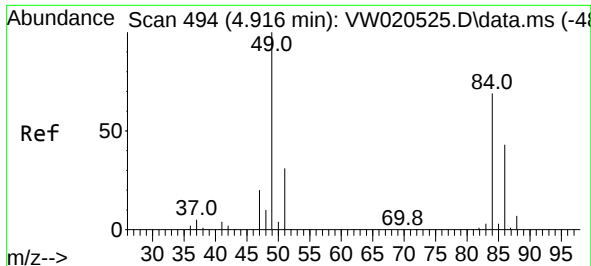
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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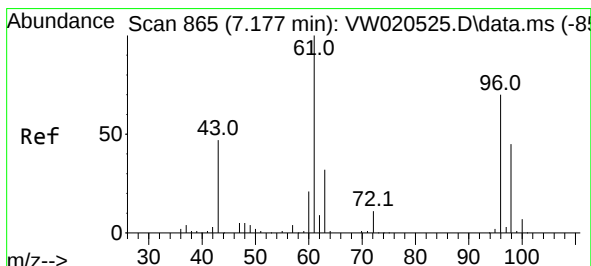
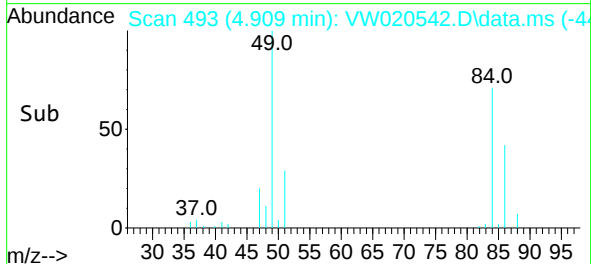
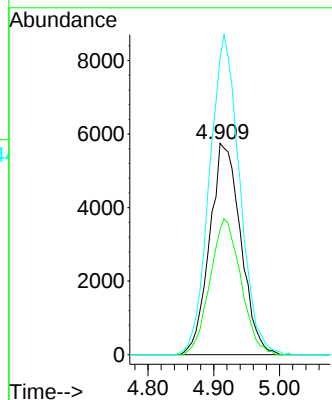
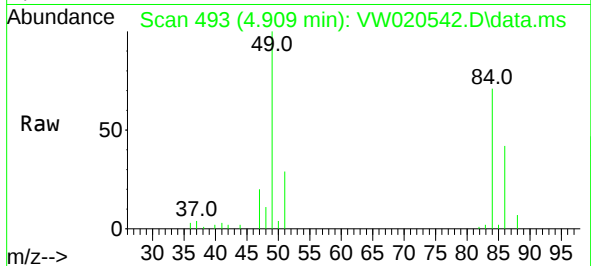




#16
Methylene chloride
Concen: 4.711 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020542.D
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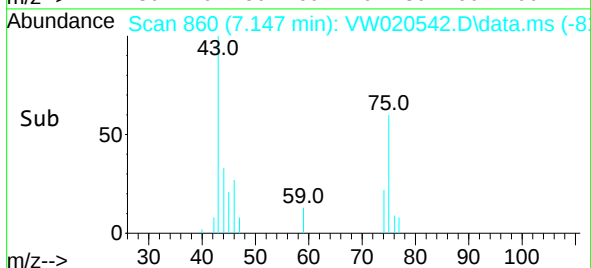
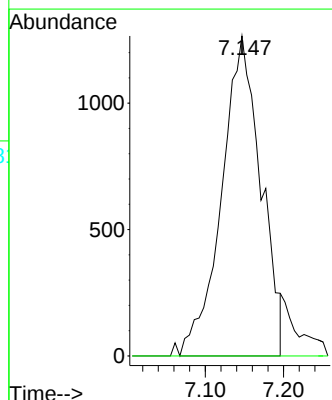
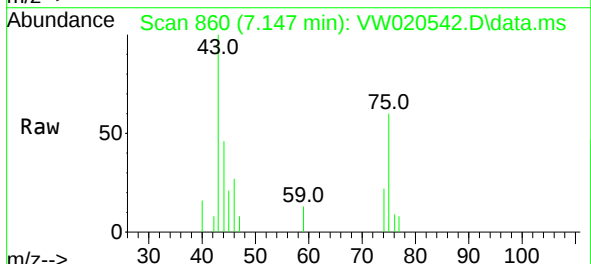
Instrument :
MSVOA_W
ClientSampled :

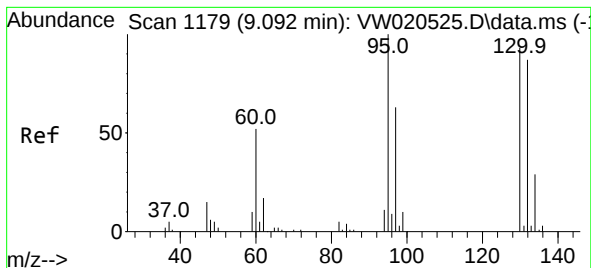
Tgt Ion: 84 Resp: 18906
Ion Ratio Lower Upper
84 100
86 59.1 44.7 83.1
49 140.4 101.7 188.9



#22
2-Butanone
Concen: 4.201 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.031 min
Lab File: VW020542.D
Acq: 15 Oct 2021 18:35

Tgt Ion: 43 Resp: 4414
Ion Ratio Lower Upper
43 100
72 0.0 12.2 36.6#

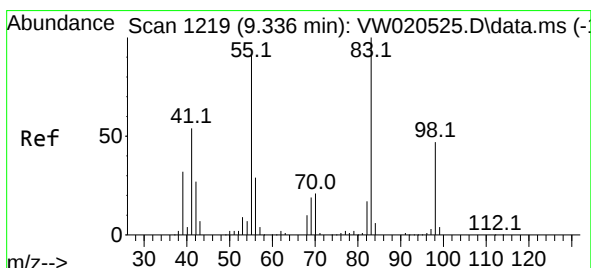
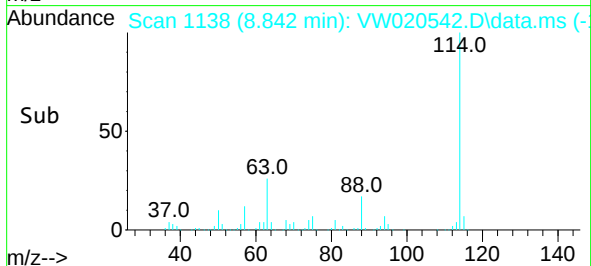
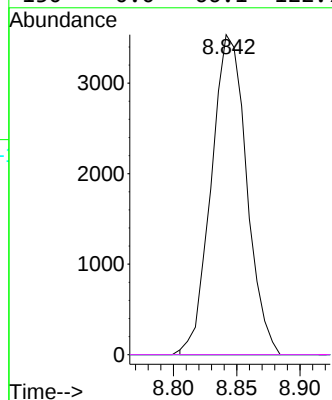
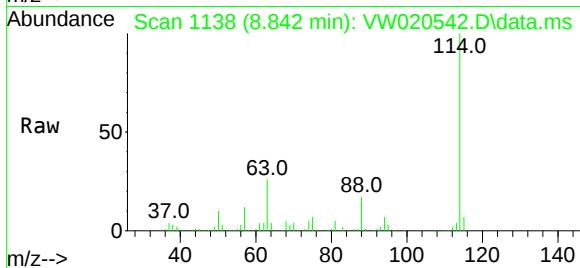




#34
Trichloroethene
Concen: 2.573 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW020542.D
Acq: 15 Oct 2021 18:35

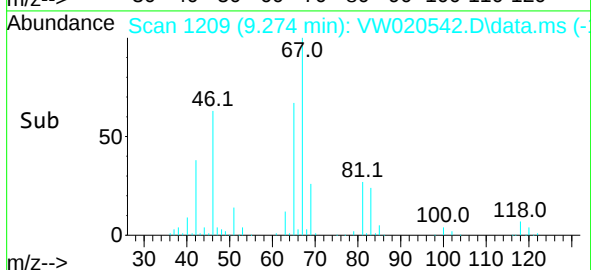
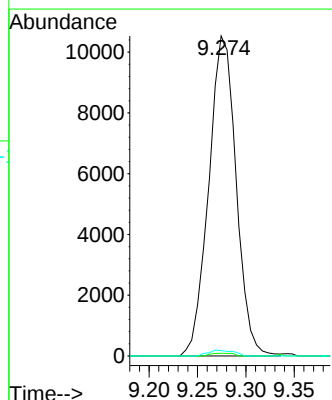
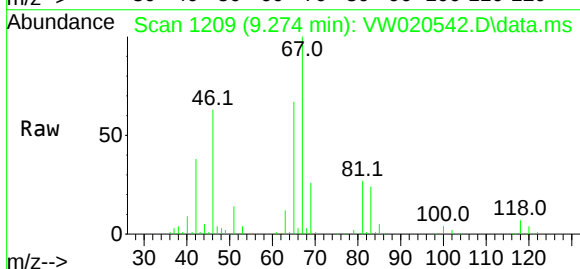
Instrument :
MSVOA_W
ClientSampled :

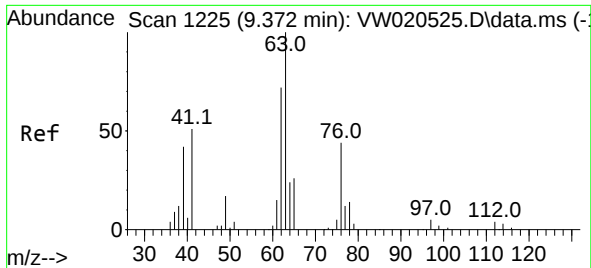
Tgt Ion: 95	Resp: 6859
Ion Ratio	Lower Upper
95 100	
97 0.0	43.2 80.2#
132 0.0	62.3 115.7#
130 0.0	66.1 122.7#



#35
Methylcyclohexane
Concen: 4.567 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020542.D
Acq: 15 Oct 2021 18:35

Tgt Ion: 83	Resp: 20829
Ion Ratio	Lower Upper
83 100	
55 0.7	69.7 104.5#
98 1.7	38.2 57.2#

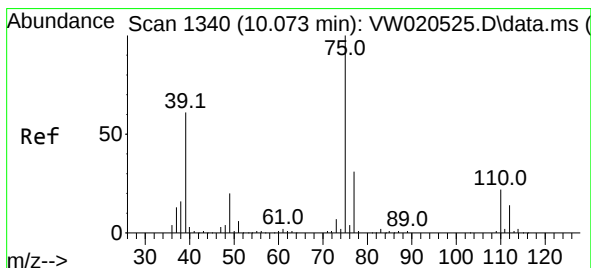
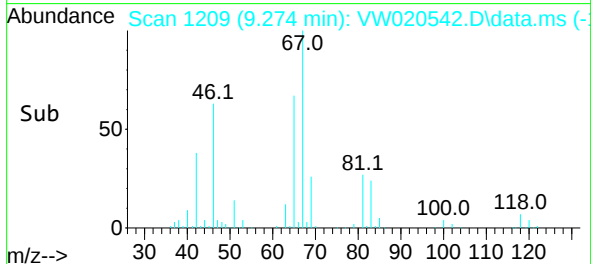
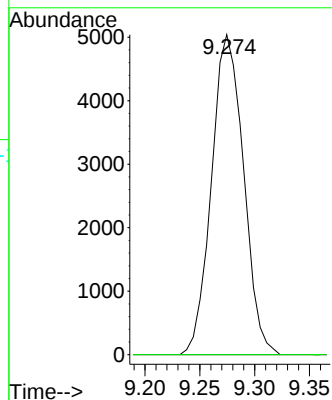
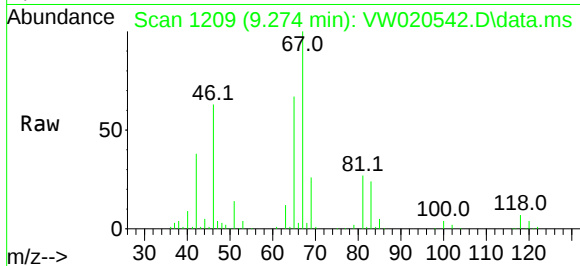




#37
1,2-Dichloropropane
Concen: 3.660 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020542.D
Acq: 15 Oct 2021 18:35

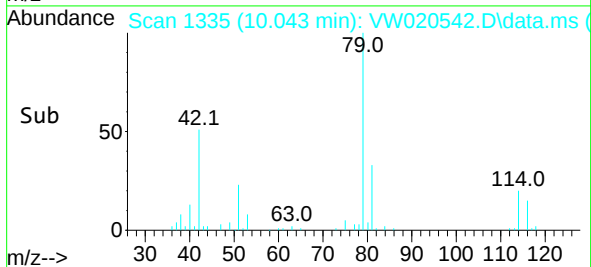
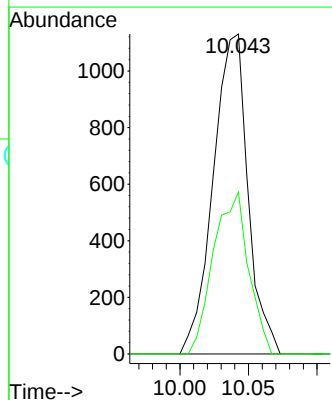
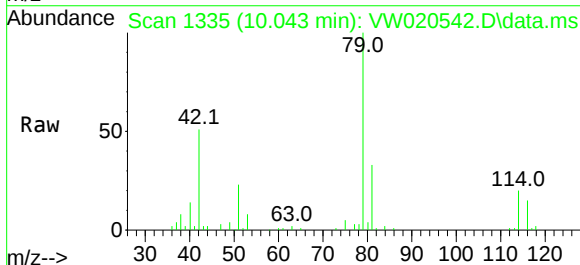
Instrument :
MSVOA_W
ClientSampled :

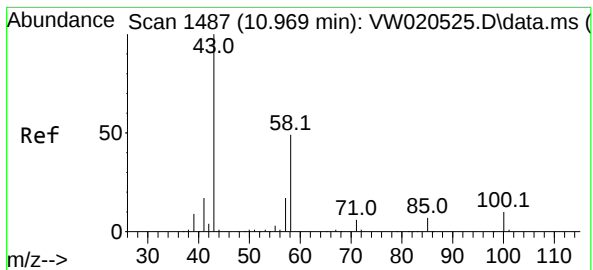
Tgt Ion: 63 Resp: 10253
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.515 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.031 min
Lab File: VW020542.D
Acq: 15 Oct 2021 18:35

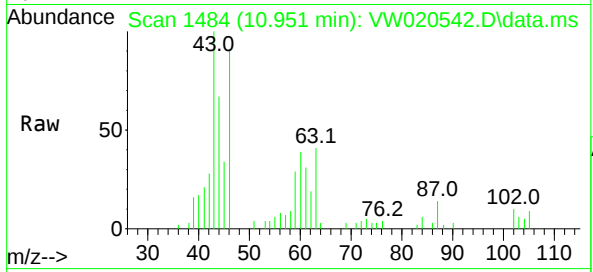
Tgt Ion: 75 Resp: 1992
Ion Ratio Lower Upper
75 100
77 50.6 22.4 41.6#





#48
 2-Hexanone
 Concen: 5.410 ug/L
 RT: 10.951 min Scan# 1484
 Delta R.T. -0.018 min
 Lab File: VW020542.D
 Acq: 15 Oct 2021 18:35

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 6674
Ion Ratio	Lower Upper
43 100	
58 14.2	39.5 59.3#
57 15.3	14.2 21.4
100 0.0	8.2 12.4#

