

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021302.D
 Acq On : 11 Dec 2021 00:01
 Operator : SY/VA
 Sample : M5023-14
 Misc : 6.74g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 03:27:54 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)

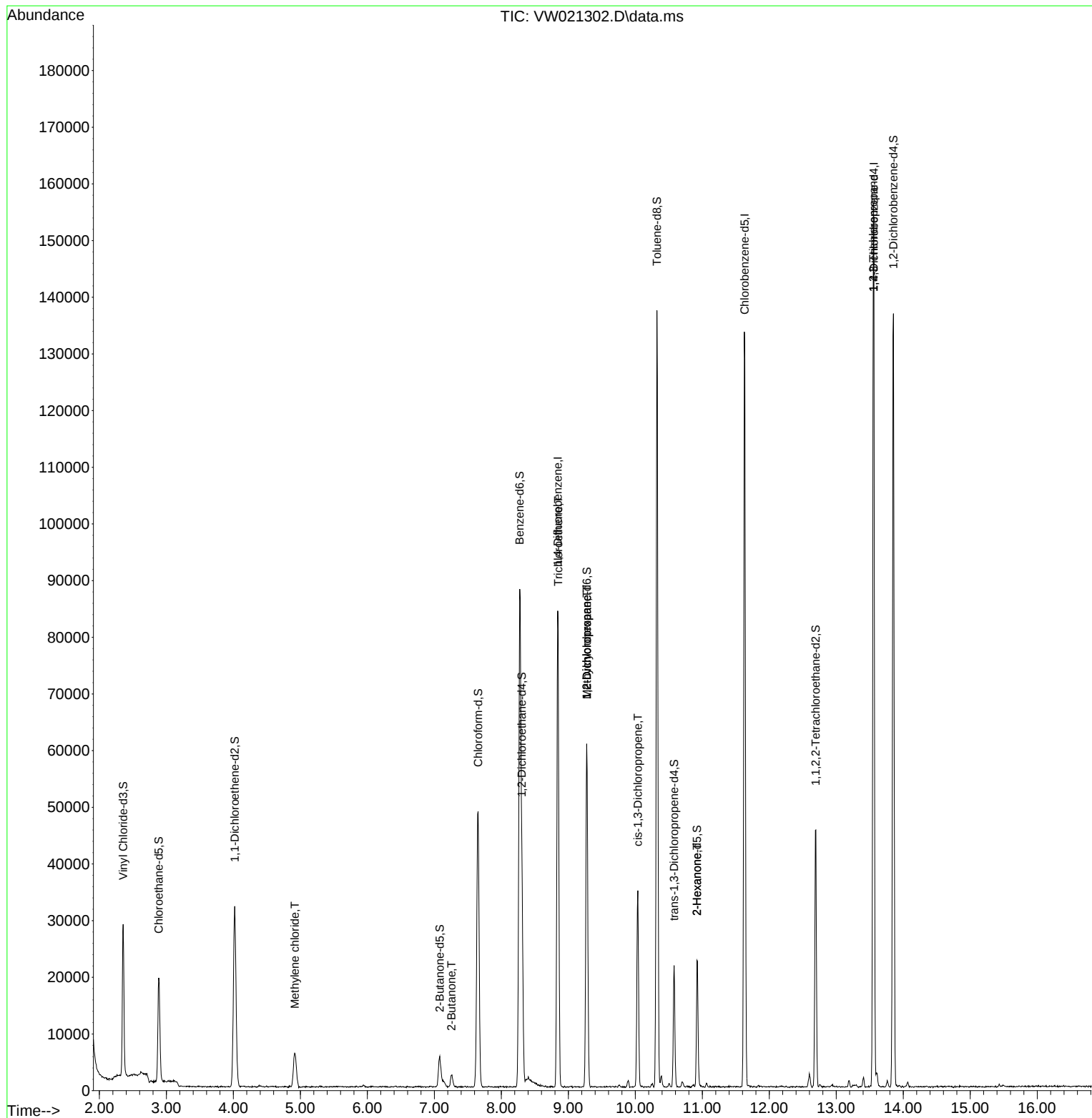
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	73503	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	76728	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	44169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	25607	19.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
7) Chloroethane-d5	2.885	69	21740	24.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.280%
11) 1,1-Dichloroethene-d2	4.019	63	28956	16.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.880%
21) 2-Butanone-d5	7.080	46	9110	48.277	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.560%
24) Chloroform-d	7.653	84	49374	24.104	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	8.305	65	24809	22.769	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	8.275	84	88854	21.127	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	9.274	67	25677	22.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.040%
41) Toluene-d8	10.323	98	88040	20.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.960%
43) trans-1,3-Dichloroprop...	10.579	79	11045	21.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.080%
47) 2-Hexanone-d5	10.920	63	7572	45.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.800%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	21413	22.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	36591	21.376	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.520%
Target Compounds						Qvalue
16) Methylene chloride	4.915	84	4771	3.928	ug/L	82
22) 2-Butanone	7.256	43	3307	14.969	ug/L	# 52
34) Trichloroethene	8.848	95	2296	1.957	ug/L	# 5
35) Methylcyclohexane	9.274	83	6934	3.583	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	3257	3.493	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	943	0.642	ug/L	# 57
48) 2-Hexanone	10.920	43	989	2.685	ug/L	# 70
61) 1,2,3-Trichloropropane	13.554	75	4988	7.759	ug/L	# 69

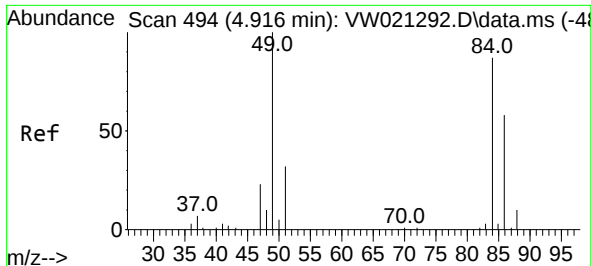
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration

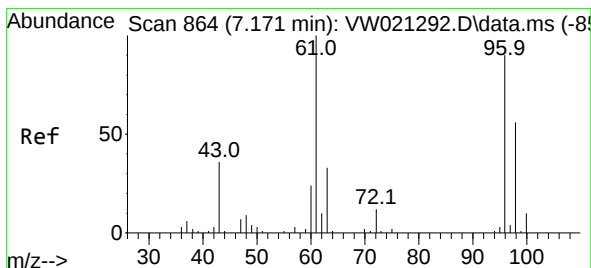
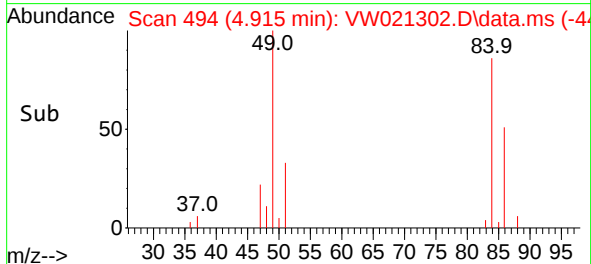
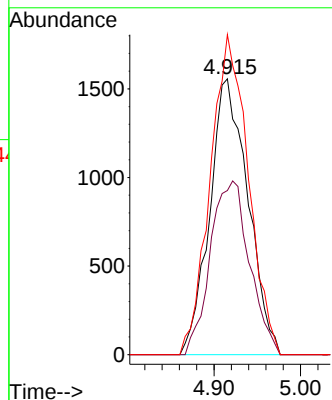
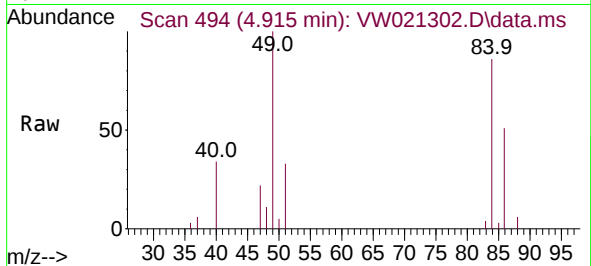




#16
Methylene chloride
Concen: 3.928 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021302.D
Acq: 11 Dec 2021 00:01

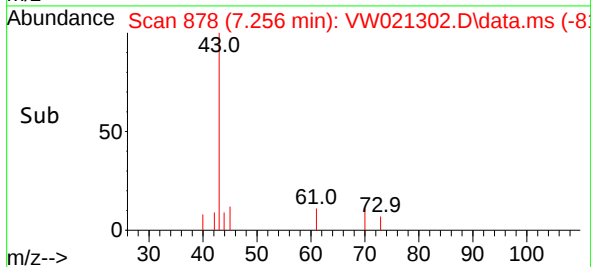
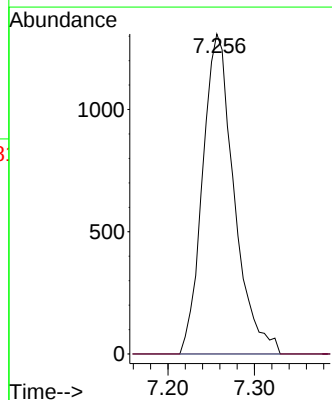
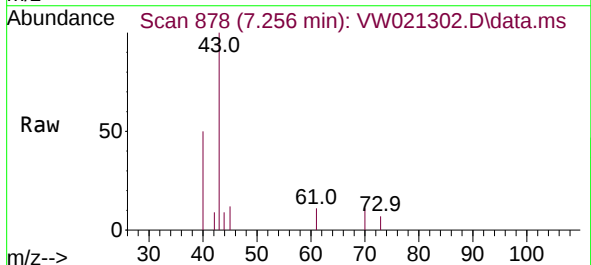
Instrument :
MSVOA_W
ClientSampleId :

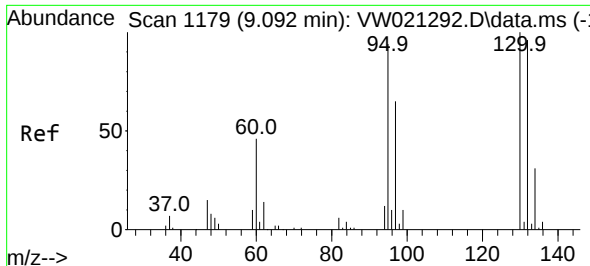
Tgt Ion: 84 Resp: 4771
Ion Ratio Lower Upper
84 100
86 59.5 45.5 84.5
49 116.0 100.5 186.7



#22
2-Butanone
Concen: 14.969 ug/L
RT: 7.256 min Scan# 878
Delta R.T. 0.085 min
Lab File: VW021302.D
Acq: 11 Dec 2021 00:01

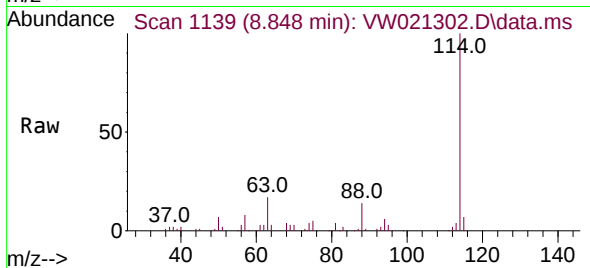
Tgt Ion: 43 Resp: 3307
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



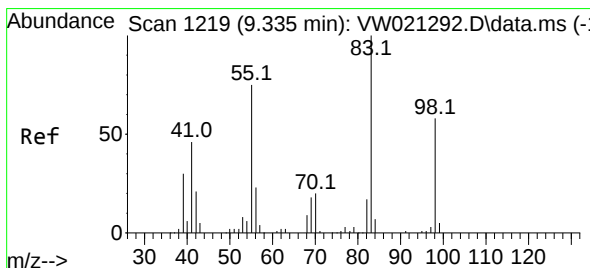
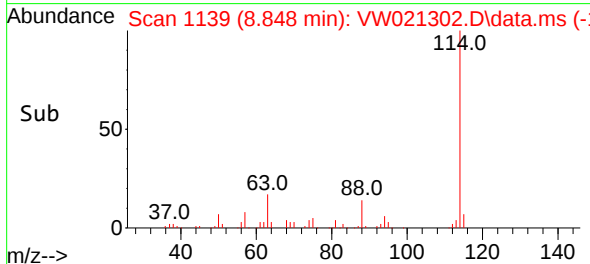
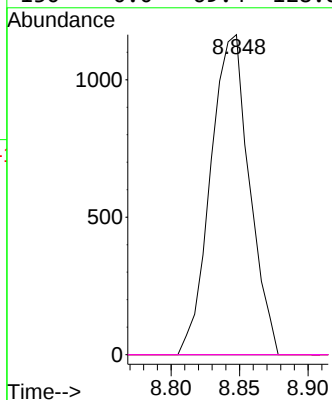


#34
 Trichloroethene
 Concen: 1.957 ug/L
 RT: 8.848 min Scan# 1179
 Delta R.T. -0.244 min
 Lab File: VW021302.D
 Acq: 11 Dec 2021 00:01

Instrument :
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 ClientSampleId :

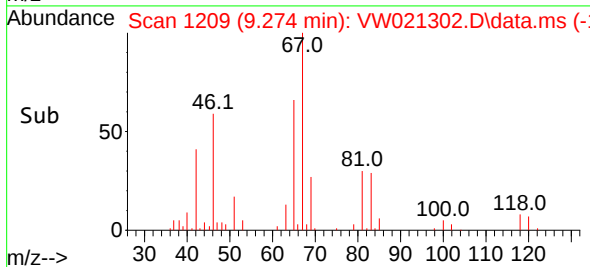
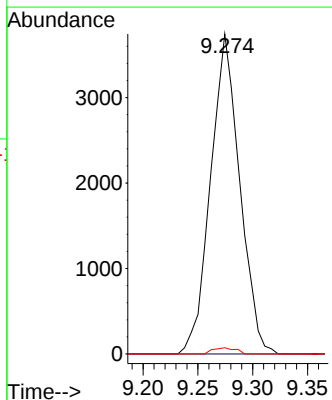
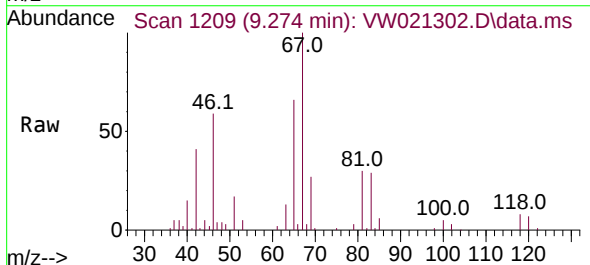


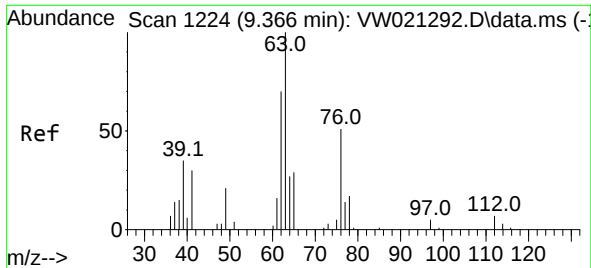
Tgt Ion:	95	Resp:	2296
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



#35
 Methylcyclohexane
 Concen: 3.583 ug/L
 RT: 9.274 min Scan# 1209
 Delta R.T. -0.061 min
 Lab File: VW021302.D
 Acq: 11 Dec 2021 00:01

Tgt Ion:	83	Resp:	6934
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.5	37.7	56.5#

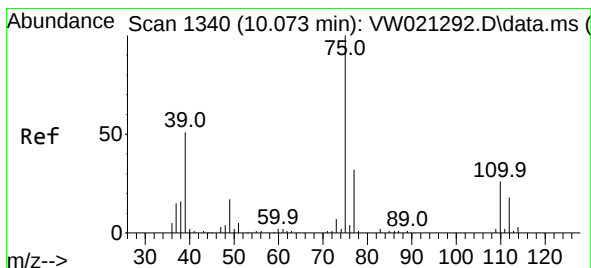
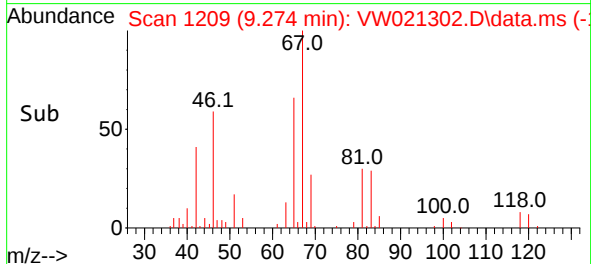
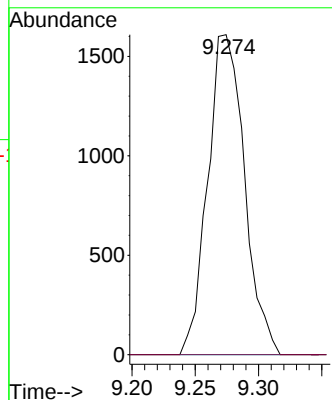
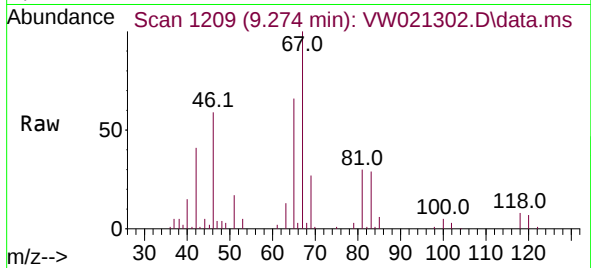




#37
1,2-Dichloropropane
Concen: 3.493 ug/L
RT: 9.274 min Scan# 111
Delta R.T. -0.092 min
Lab File: VW021302.D
Acq: 11 Dec 2021 00:01

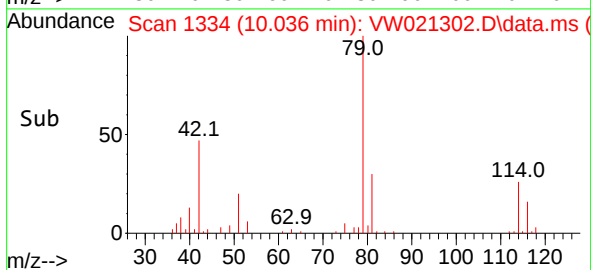
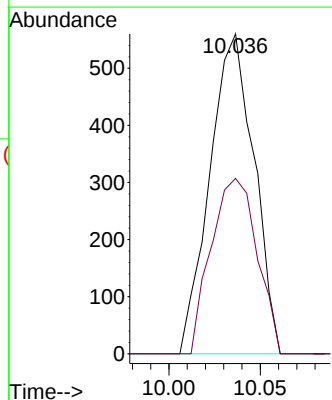
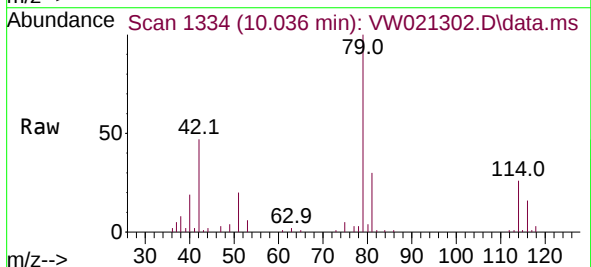
Instrument :
MSVOA_W
ClientSampleId :

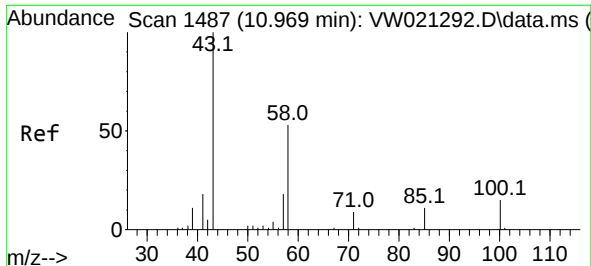
Tgt Ion: 63 Resp: 3257
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.642 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW021302.D
Acq: 11 Dec 2021 00:01

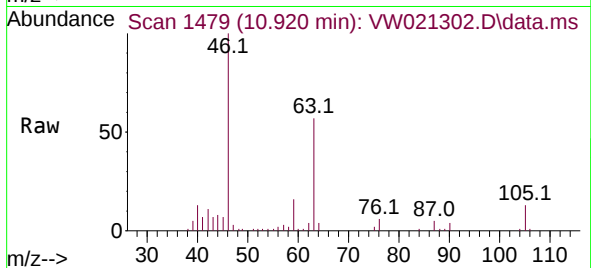
Tgt Ion: 75 Resp: 943
Ion Ratio Lower Upper
75 100
77 54.8 21.8 40.6#



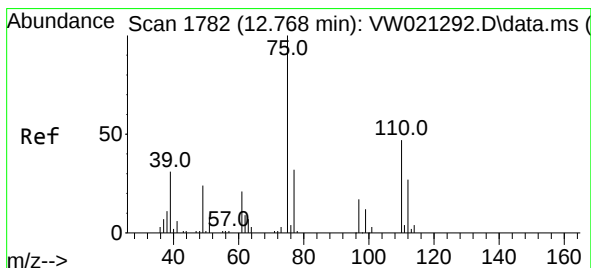
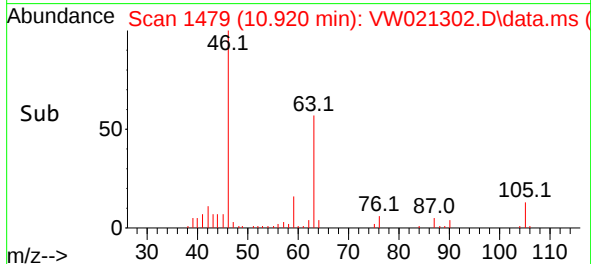
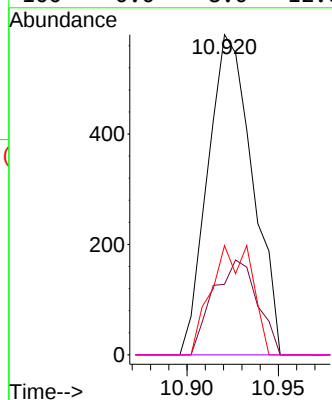


#48
2-Hexanone
Concen: 2.685 ug/L
RT: 10.920 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021302.D
Acq: 11 Dec 2021 00:01

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 29.3 40.2 60.2#
57 31.1 14.3 21.5#
100 0.0 8.0 12.0#



#61
1,2,3-Trichloropropane
Concen: 7.759 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021302.D
Acq: 11 Dec 2021 00:01

Tgt Ion: 75 Resp: 4988
Ion Ratio Lower Upper
75 100
77 34.5 25.8 38.8
110 3.6 29.0 43.4#

