

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020331.D
 Acq On : 06 Oct 2021 22:35
 Operator : SY/VA
 Sample : M4000-04
 Misc : 7.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 01:56:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

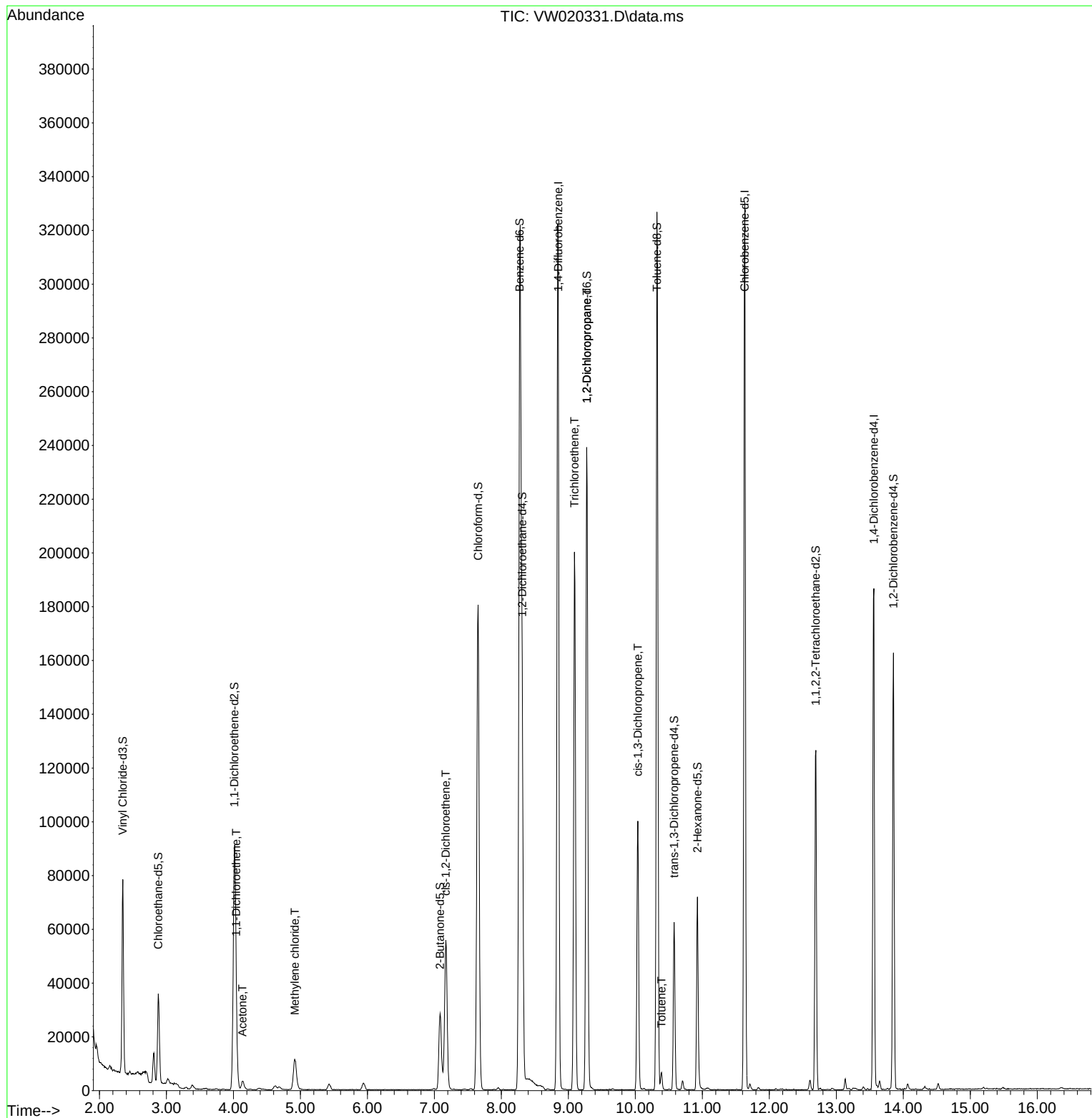
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	250742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	171690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	46646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	66875	19.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
7) Chloroethane-d5	2.879	69	34714	23.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.013	63	91247	12.822	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.280%
21) 2-Butanone-d5	7.086	46	49688	56.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.200%
24) Chloroform-d	7.653	84	178421	24.782	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.120%
26) 1,2-Dichloroethane-d4	8.311	65	111106	28.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	8.275	84	311826	29.997	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.000%
36) 1,2-Dichloropropane-d6	9.274	67	108999	33.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.240%#
41) Toluene-d8	10.323	98	202017	21.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.840%
43) trans-1,3-Dichloroprop...	10.579	79	32882	24.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.927	63	22213	48.742	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.480%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	64179	27.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	38274	23.432	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.720%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	1430	0.410	ug/L #	1
13) Acetone	4.135	43	6272	6.950	ug/L	98
16) Methylene chloride	4.915	84	7990	1.784	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	30857	8.261	ug/L	96
34) Trichloroethene	9.091	95	68687	23.385	ug/L	98
37) 1,2-Dichloropropane	9.274	63	12528	4.212	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	2442	0.580	ug/L #	56
42) Toluene	10.390	91	4465	0.372	ug/L	94

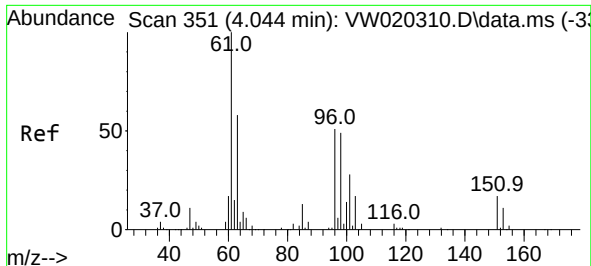
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 01:49:38 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.410 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.000 min

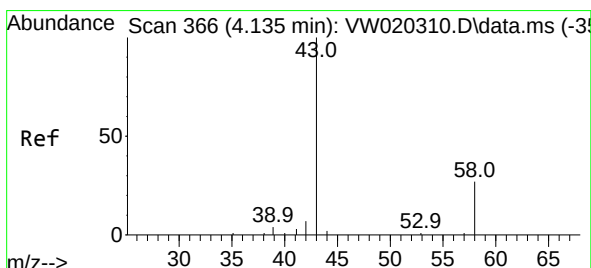
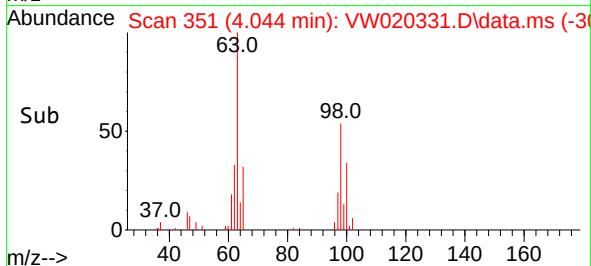
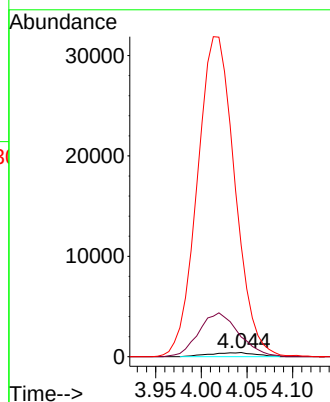
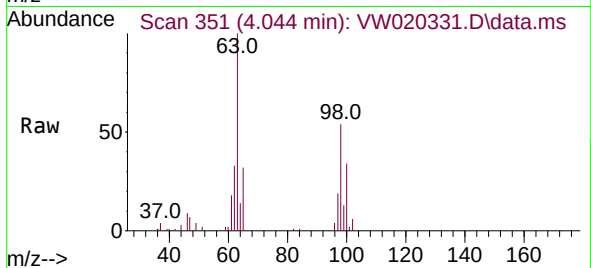
Lab File: VW020331.D

Acq: 06 Oct 2021 22:35

Tgt Ion: 96 Resp: 1430

Ion	Ratio	Lower	Upper
96	100		
61	482.4	133.9	248.7#
63	2722.5	77.3	143.7#

Instrument :
MSVOA_W
ClientSampled :



#13

Acetone

Concen: 6.950 ug/L

RT: 4.135 min Scan# 366

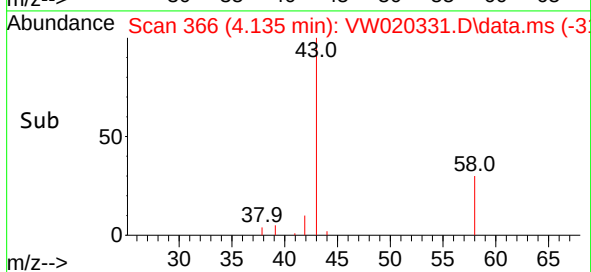
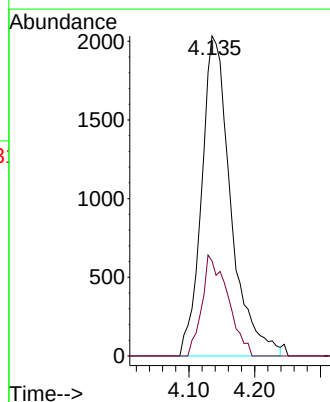
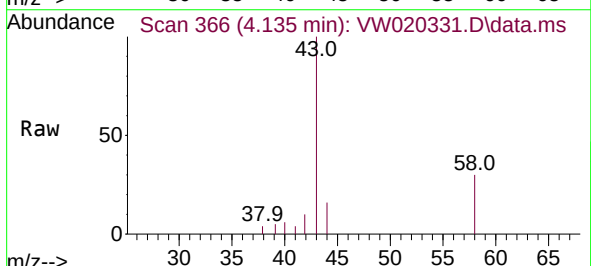
Delta R.T. -0.000 min

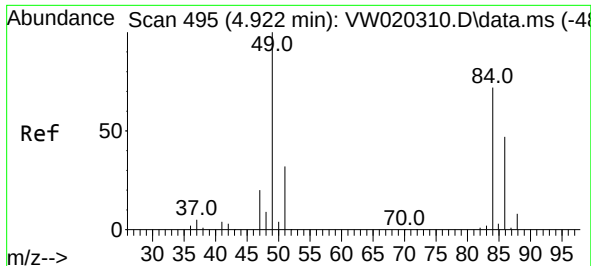
Lab File: VW020331.D

Acq: 06 Oct 2021 22:35

Tgt Ion: 43 Resp: 6272

Ion	Ratio	Lower	Upper
43	100		
58	28.0	0.0	58.4

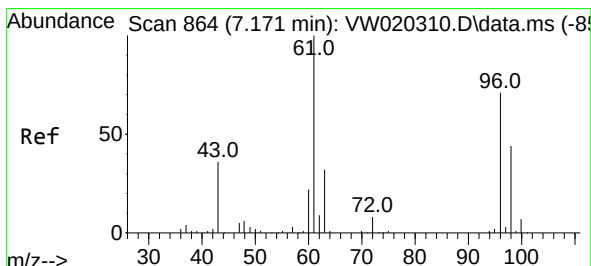
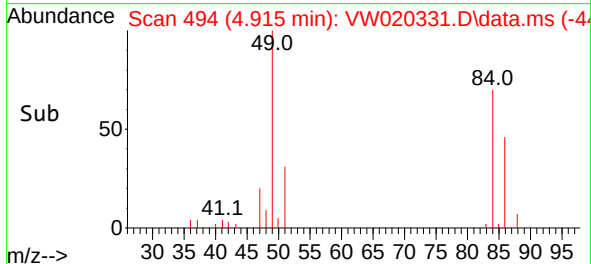
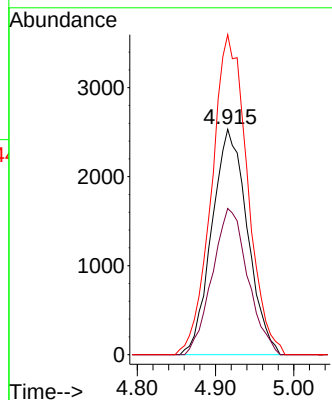
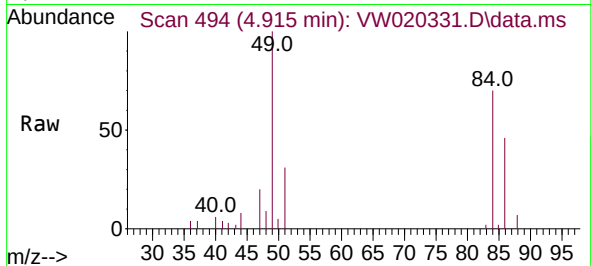




#16
Methylene chloride
Concen: 1.784 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020331.D
Acq: 06 Oct 2021 22:35

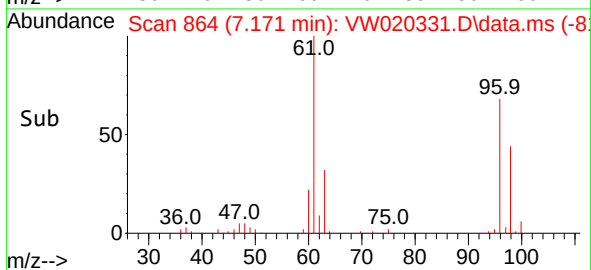
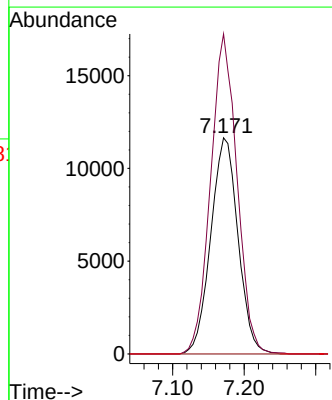
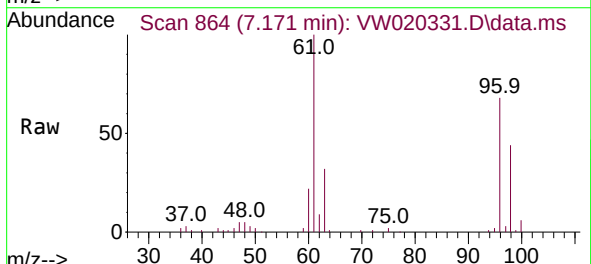
Instrument :
MSVOA_W
ClientSampled :

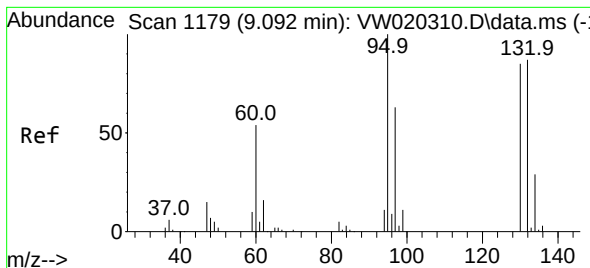
Tgt Ion: 84 Resp: 7990
Ion Ratio Lower Upper
84 100
86 64.8 44.7 83.1
49 142.0 101.7 188.9



#20
cis-1,2-Dichloroethene
Concen: 8.261 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020331.D
Acq: 06 Oct 2021 22:35

Tgt Ion: 96 Resp: 30857
Ion Ratio Lower Upper
96 100
61 148.0 100.3 186.3
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 23.385 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020331.D

Acq: 06 Oct 2021 22:35

Tgt Ion: 95 Resp: 68687

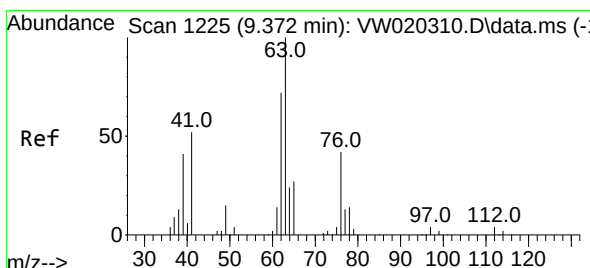
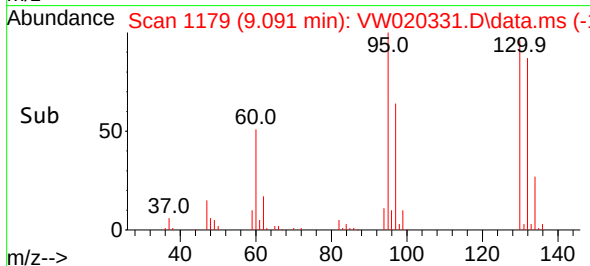
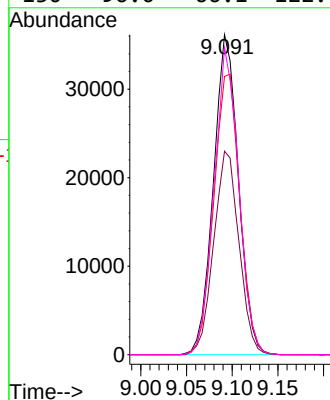
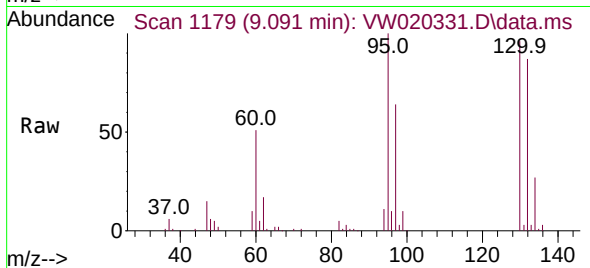
Ion Ratio Lower Upper

95 100

97 63.6 43.2 80.2

132 87.0 62.3 115.7

130 96.0 66.1 122.7



#37

1,2-Dichloropropane

Concen: 4.212 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.098 min

Lab File: VW020331.D

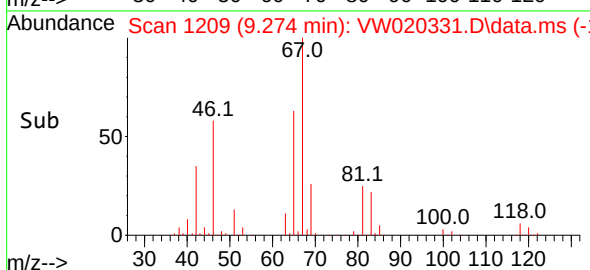
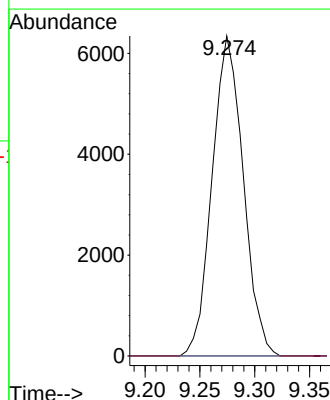
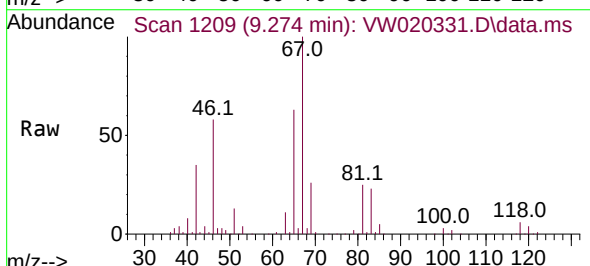
Acq: 06 Oct 2021 22:35

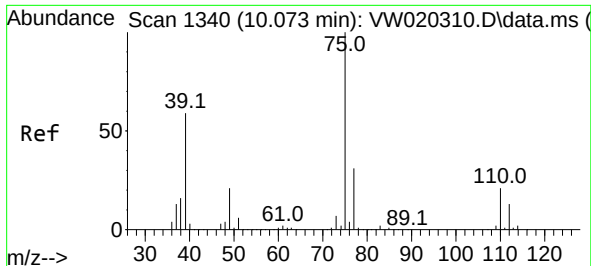
Tgt Ion: 63 Resp: 12528

Ion Ratio Lower Upper

63 100

112 0.3 3.5 5.3#

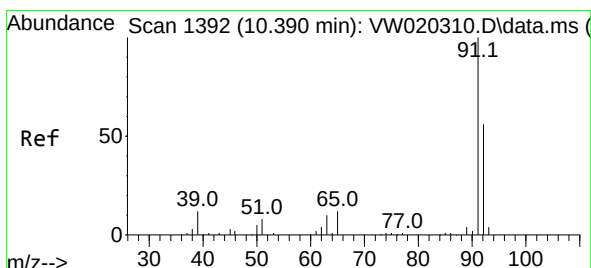
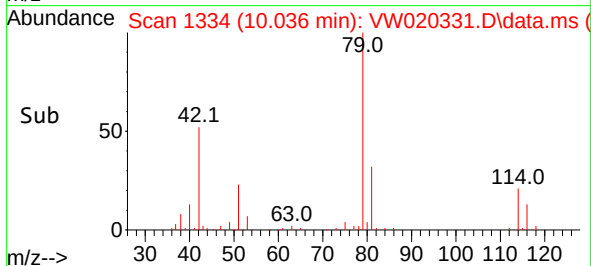
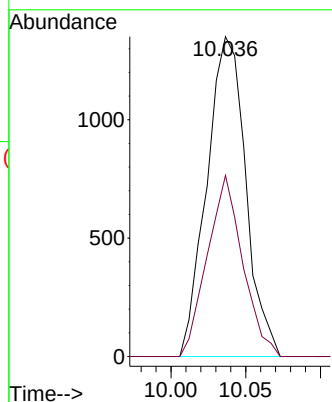
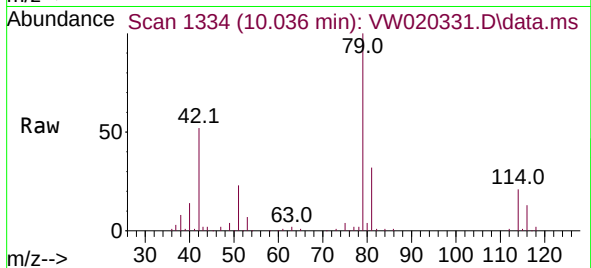




#39
cis-1,3-Dichloropropene
Concen: 0.580 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020331.D
Acq: 06 Oct 2021 22:35

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2442
Ion Ratio Lower Upper
75 100
77 56.6 22.4 41.6#



#42
Toluene
Concen: 0.372 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020331.D
Acq: 06 Oct 2021 22:35

Tgt Ion: 91 Resp: 4465
Ion Ratio Lower Upper
91 100
92 63.6 41.5 77.1

