

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020321\
 Data File : VW018024.D
 Acq On : 03 Feb 2021 11:52
 Operator : SY/VA
 Sample : M1298-17
 Misc : 4.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB7

Quant Time: Feb 03 21:59:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 21:58:46 2021
 Response via : Initial Calibration

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

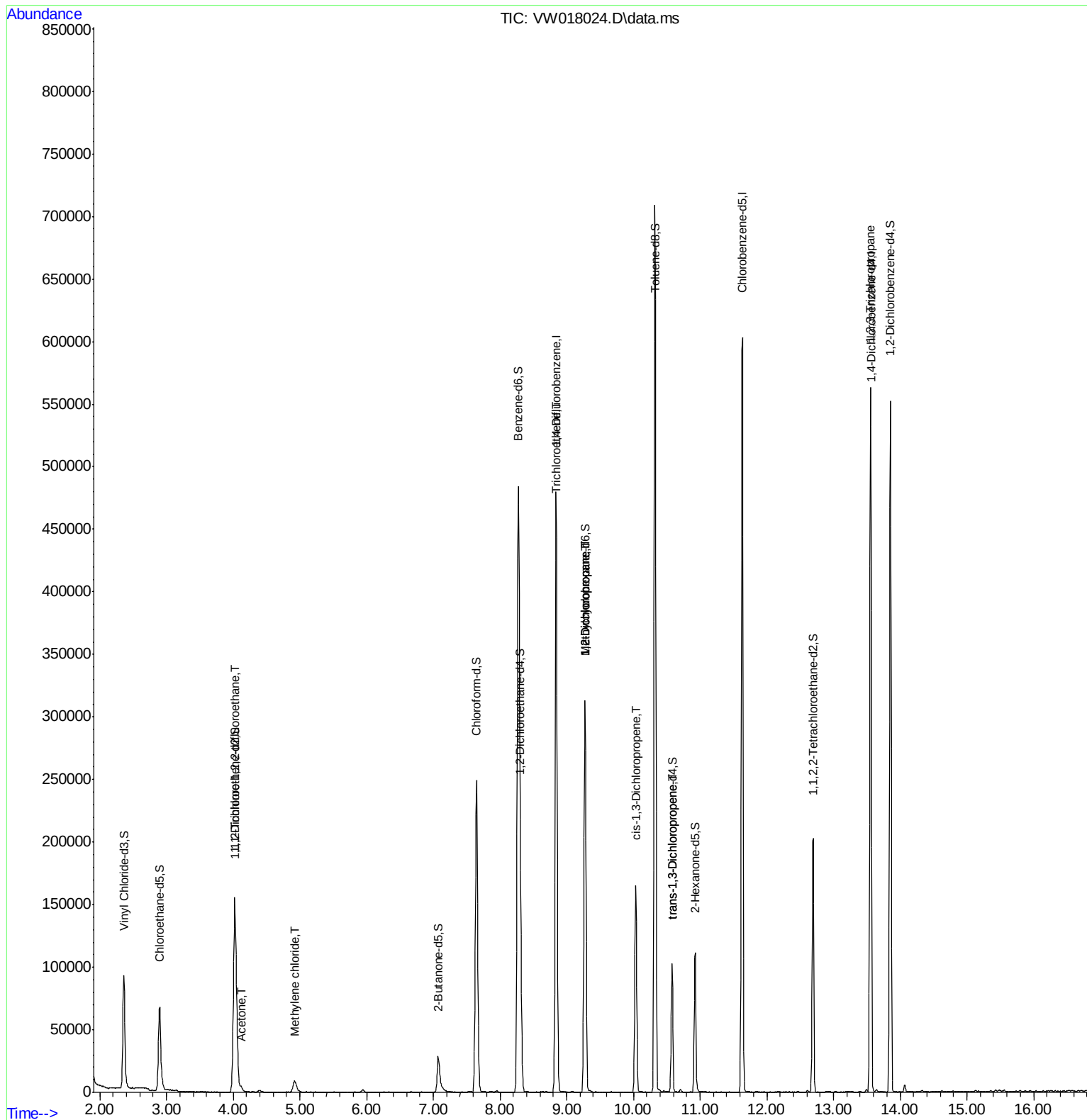
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	421531	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	360542	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	157078	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118193	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.24%
7) Chloroethane-d5	2.897	69	96484	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
10) 1,1-Dichloroethene-d2	4.025	63	176197	16.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.28%
20) 2-Butanone-d5	7.073	46	47757	34.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.32%
24) Chloroform-d	7.646	84	262969	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.305	65	131155	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.04%
29) Benzene-d6	8.274	84	512805	25.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.60%
33) 1,2-Dichloropropane-d6	9.274	67	143883	25.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.96%
37) Toluene-d8	10.323	98	477612	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.44%
38) trans-1,3-Dichloroprop...	10.579	79	56998	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	10.920	63	39546	37.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.72%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	100959	20.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.04%
61) 1,2-Dichlorobenzene-d4	13.853	152	150009	26.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.08%
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.031	101	1958	0.33	ug/L #	35
13) Acetone	4.117	43	5375	5.20	ug/L	93
16) Methylene chloride	4.921	84	8672	1.28	ug/L	86
35) Trichloroethene	8.847	95	12699	2.14	ug/L #	3
36) Methylcyclohexane	9.274	83	38279	3.83	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	16317	3.37	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	4265	0.55	ug/L #	59
45) trans-1,3-Dichloropropene	10.579	75	2413	0.36	ug/L #	77
59) 1,2,3-Trichloropropane	13.554	75	16246	4.39	ug/L	98

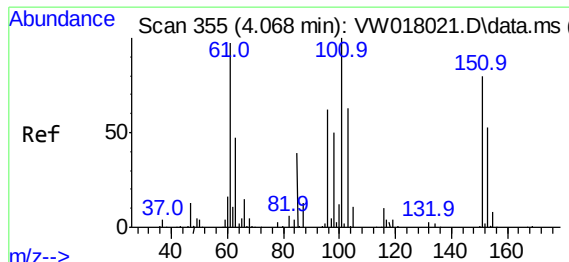
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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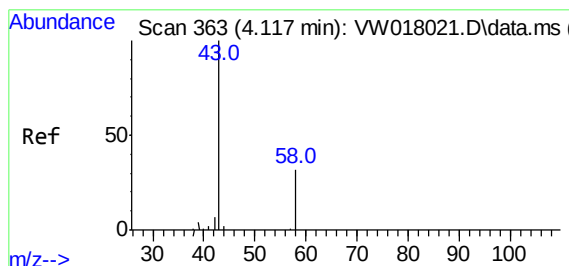
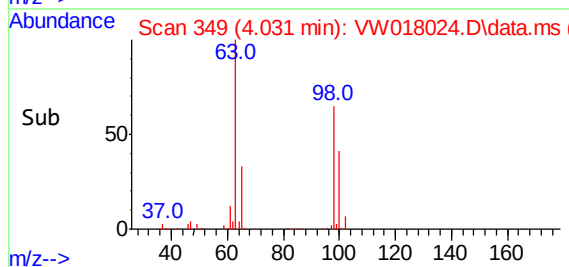
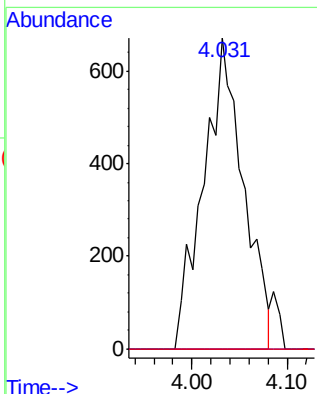
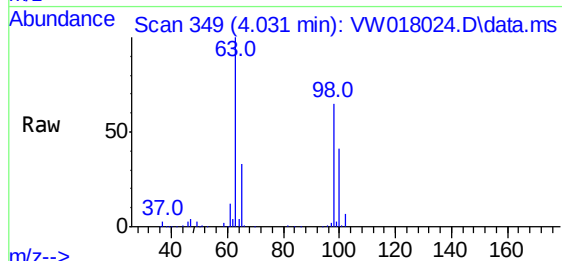


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.33 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.037 min
 Lab File: VW018024.D
 Acq: 03 Feb 2021 11:52

Instrument :
 MSVOA_W
 ClientSampled :
 C0AB7

Tgt Ion:101 Resp: 1958

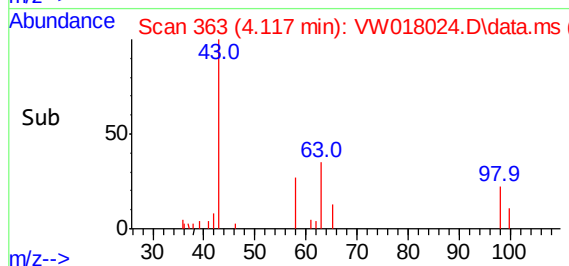
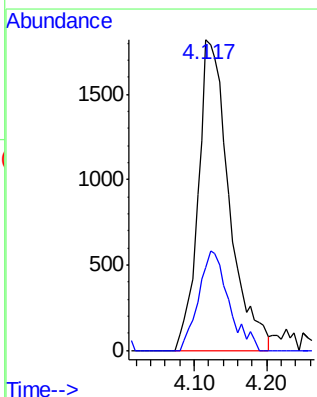
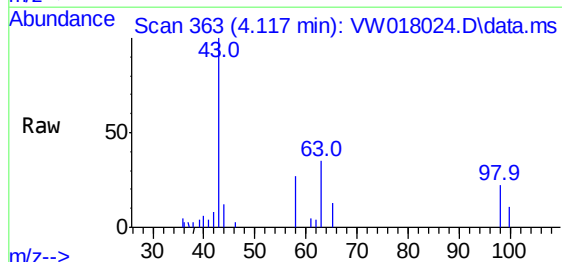
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.4#
151	0.0	30.4	45.6#

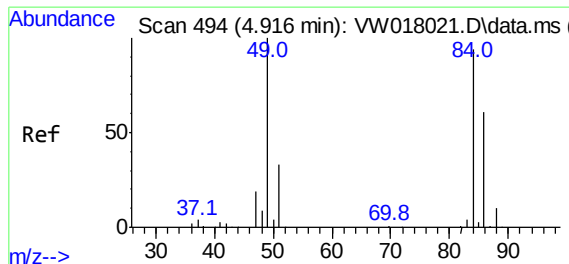


#13
 Acetone
 Concen: 5.20 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. -0.000 min
 Lab File: VW018024.D
 Acq: 03 Feb 2021 11:52

Tgt Ion: 43 Resp: 5375

Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	68.4



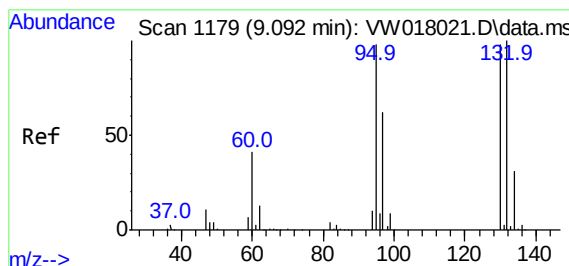
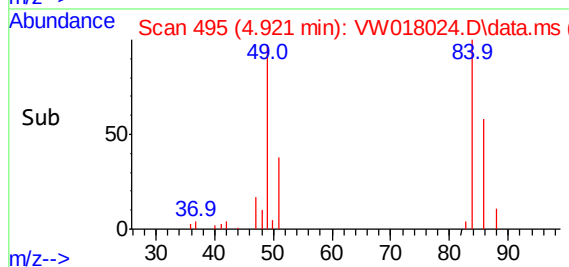
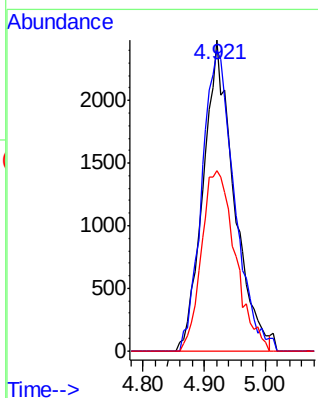
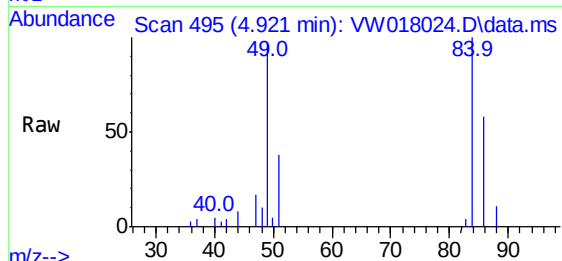


#16
Methylene chloride
Concen: 1.28 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018024.D
Acq: 03 Feb 2021 11:52

Instrument :
MSVOA_W
ClientSampled :
C0AB7

Tgt Ion: 84 Resp: 8672

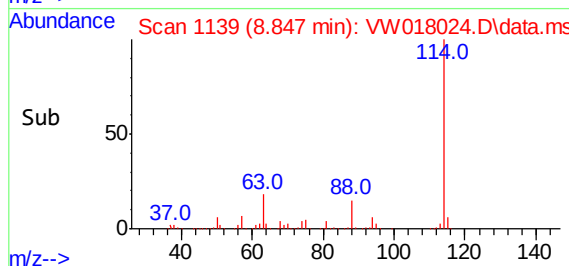
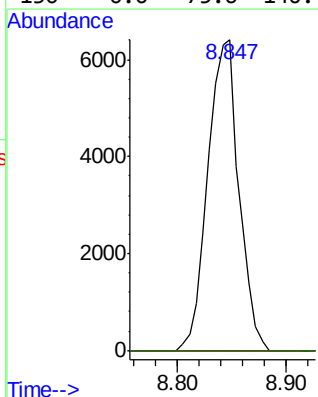
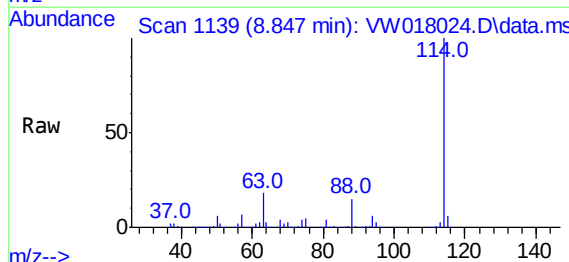
Ion	Ratio	Lower	Upper
84	100		
49	96.7	81.2	150.8
86	57.8	44.5	82.7

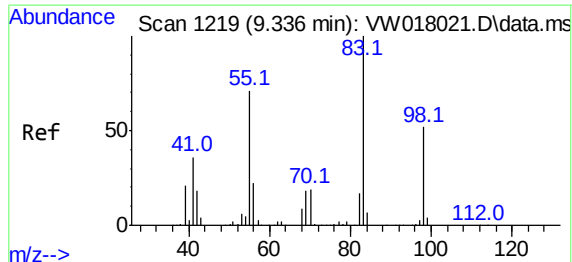


#35
Trichloroethene
Concen: 2.14 ug/L
RT: 8.847 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018024.D
Acq: 03 Feb 2021 11:52

Tgt Ion: 95 Resp: 12699

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

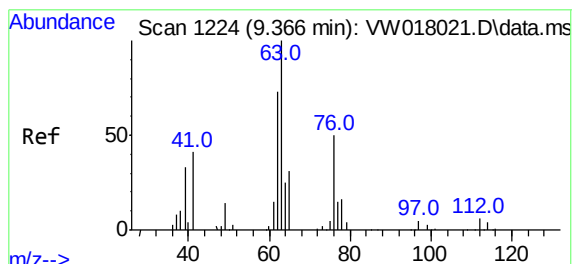
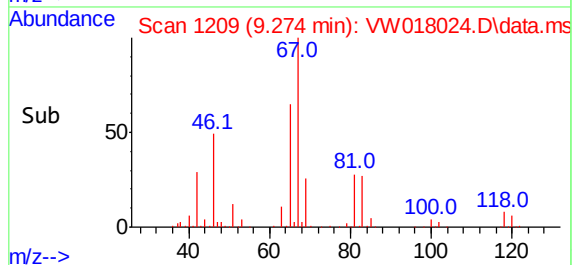
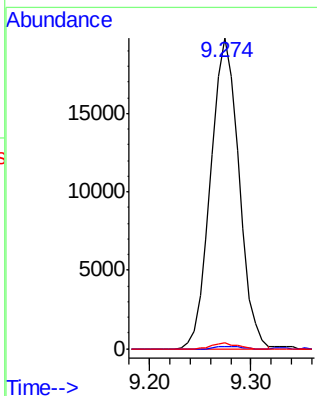
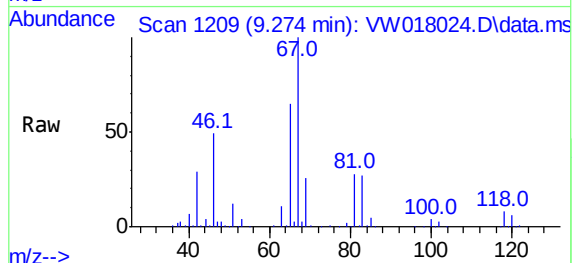




#36
Methylcyclohexane
Concen: 3.83 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018024.D
Acq: 03 Feb 2021 11:52

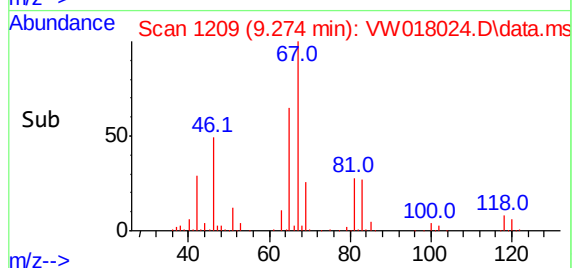
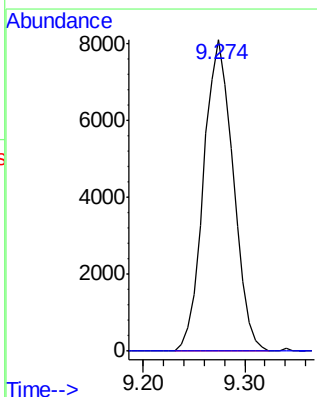
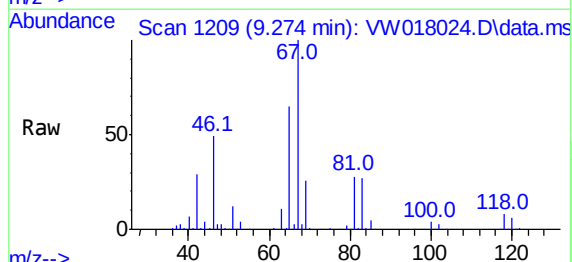
Instrument :
MSVOA_W
ClientSampleId :
C0AB7

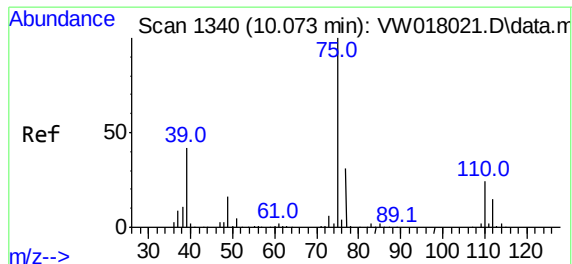
Tgt Ion: 83 Resp: 38279
Ion Ratio Lower Upper
83 100
55 0.7 59.4 89.0#
98 1.6 40.7 61.1#



#40
1,2-Dichloropropane
Concen: 3.37 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018024.D
Acq: 03 Feb 2021 11:52

Tgt Ion: 63 Resp: 16317
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

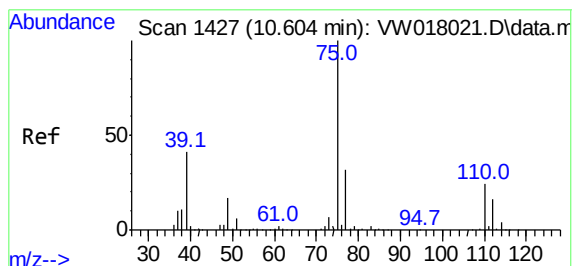
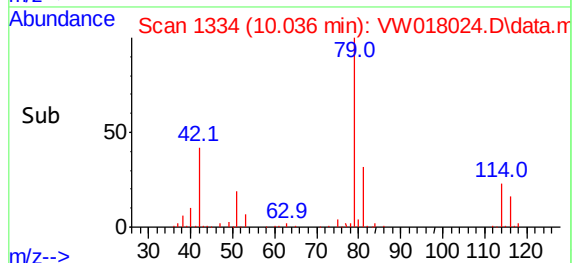
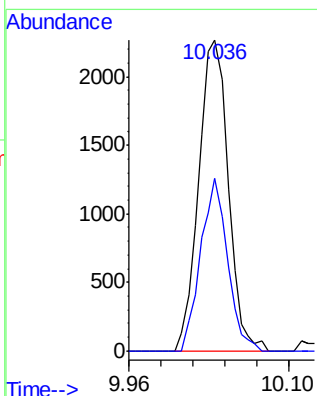
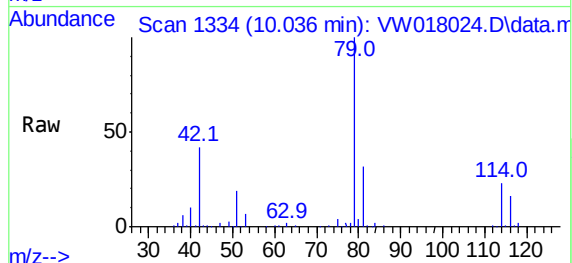




#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018024.D
Acq: 03 Feb 2021 11:52

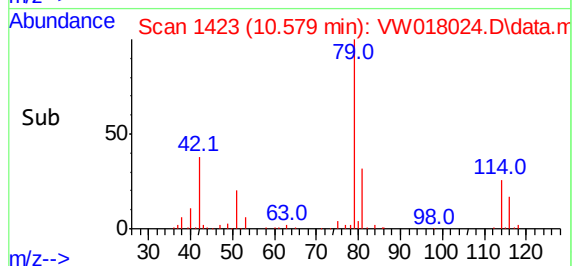
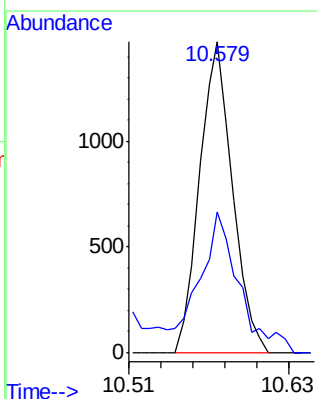
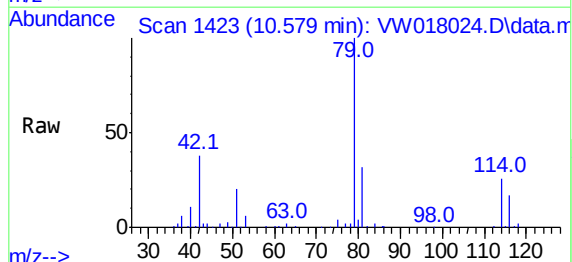
Instrument :
MSVOA_W
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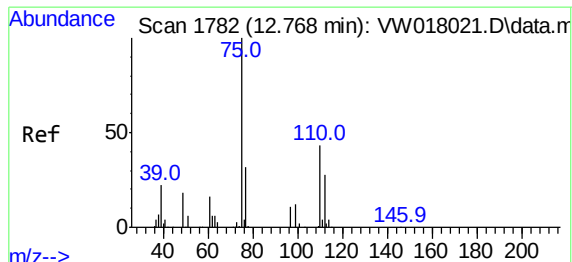
Tgt Ion: 75 Resp: 4265
Ion Ratio Lower Upper
75 100
77 55.5 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018024.D
Acq: 03 Feb 2021 11:52

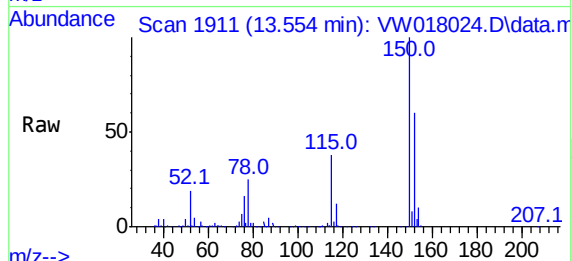
Tgt Ion: 75 Resp: 2413
Ion Ratio Lower Upper
75 100
77 45.2 22.6 42.0#





#59
1,2,3-Trichloropropane
Concen: 4.39 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018024.D
Acq: 03 Feb 2021 11:52

Instrument :
MSVOA_W
ClientSampleId :
C0AB7



Tgt Ion: 75 Resp: 16246
Ion Ratio Lower Upper
75 100
77 34.2 26.6 39.8

