

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016081.D
 Acq On : 07 Aug 2020 19:46
 Operator : SY/VA
 Sample : L3598-04
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:11:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	290199	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	271104	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	113946	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	60637	14.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.24%
7) Chloroethane-d5	2.89	69	53418	16.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.24%
10) 1,1-Dichloroethene-d2	4.01	63	101784	12.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.16%
20) 2-Butanone-d5	7.09	46	59917	55.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.40%
24) Chloroform-d	7.65	84	171285	21.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.08%
26) 1,2-Dichloroethane-d4	8.31	65	98398	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	8.27	84	329052	19.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.76%
33) 1,2-Dichloropropane-d6	9.27	67	103743	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.88%
37) Toluene-d8	10.32	98	289867	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.56%
38) trans-1,3-Dichloropropene-	10.58	79	43762	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.00%
39) 2-Hexanone-d5	10.93	63	48901	59.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103881	27.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	102337	23.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.12%

Target Compounds

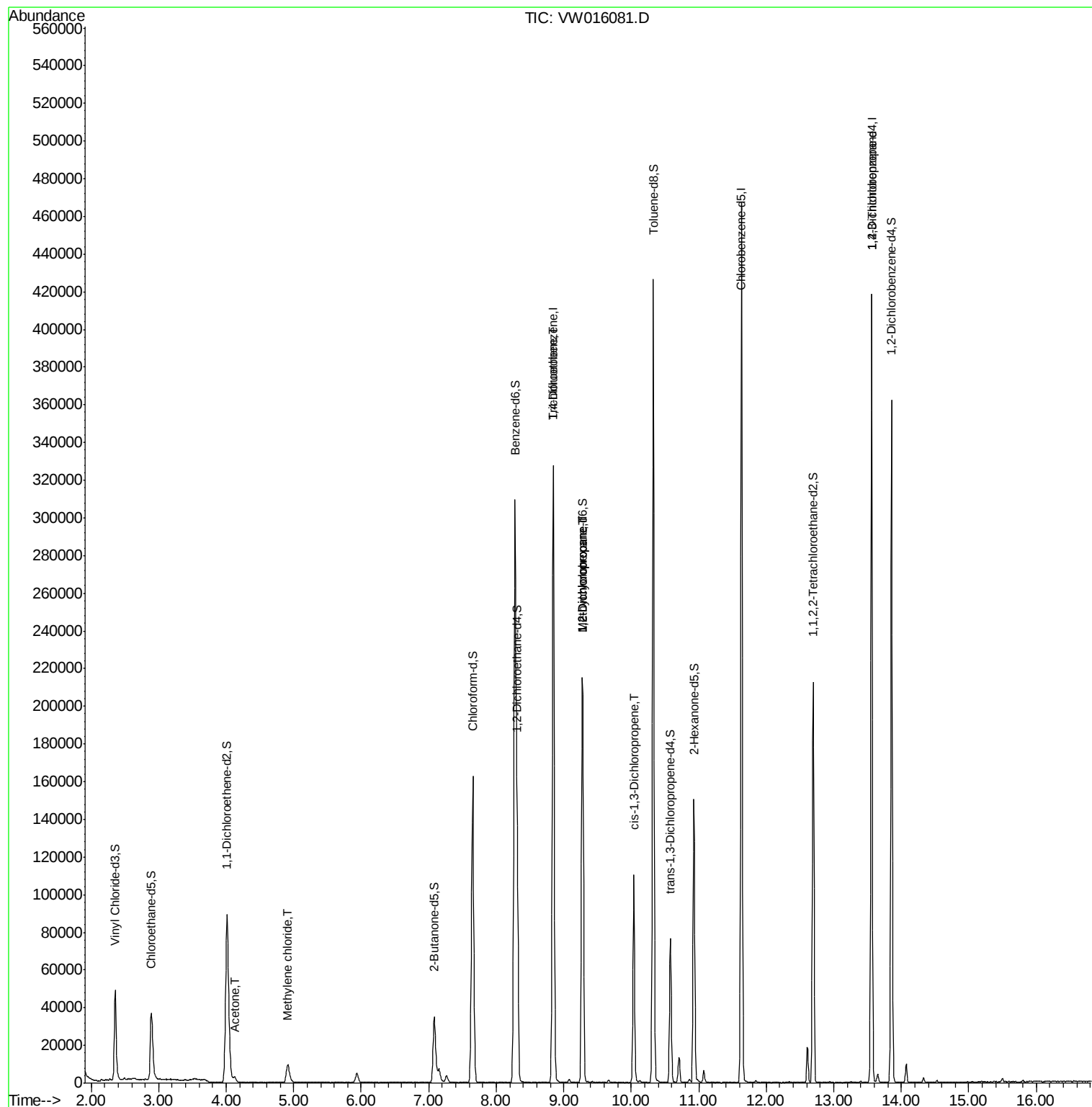
					Ovalue
13) Acetone	4.13	43	4540	5.026 ug/L	91
16) Methylene chloride	4.91	84	8764	1.843 ug/L	81
35) Trichloroethene	8.84	95	8552	1.963 ug/L #	6
36) Methylcyclohexane	9.27	83	26273	3.515 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	11462	2.810 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2519	0.405 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	11903	4.612 ug/L	89

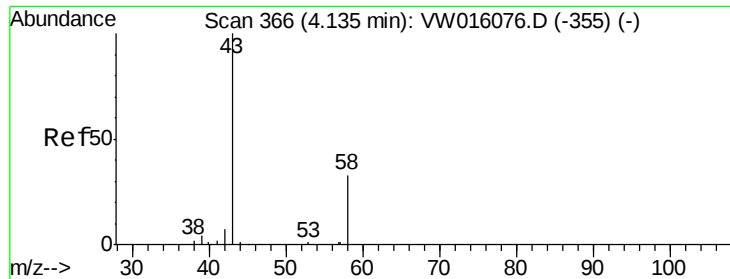
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.026 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016081.D

Acq: 07 Aug 2020 19:46

Instrument :

MSVOA_W

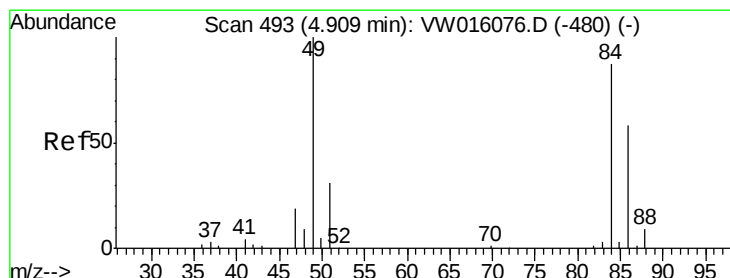
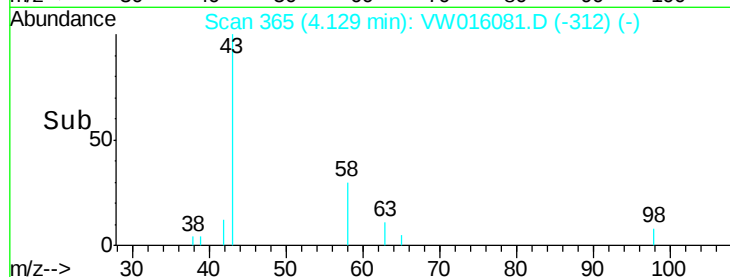
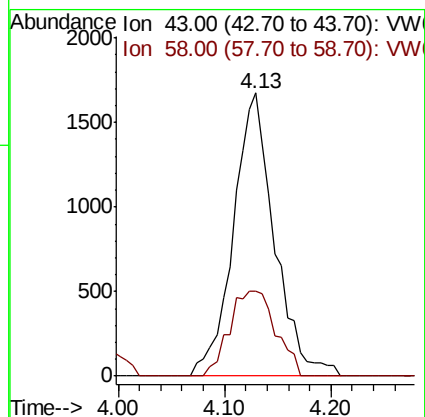
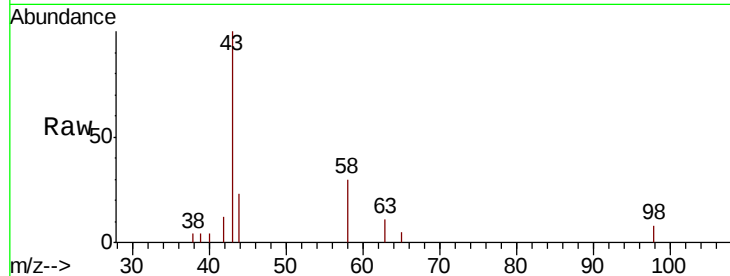
ClientSampleId :

Tot Ion: 43 Resp: 4540

Ion Ratio Lower Upper

43 100

58 33.9 0.0 58.2



#16

Methylene chloride

Concen: 1.843 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW016081.D

Acq: 07 Aug 2020 19:46

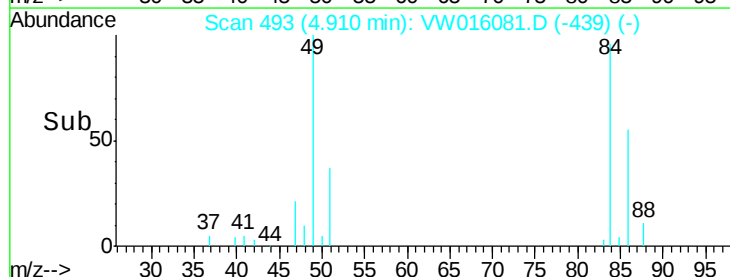
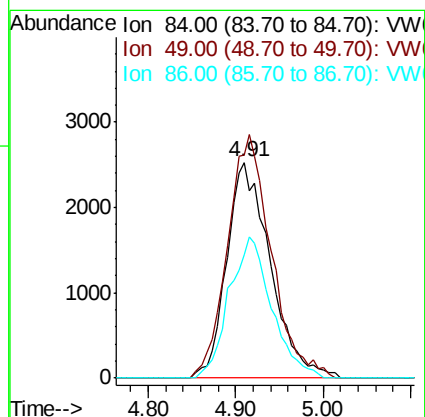
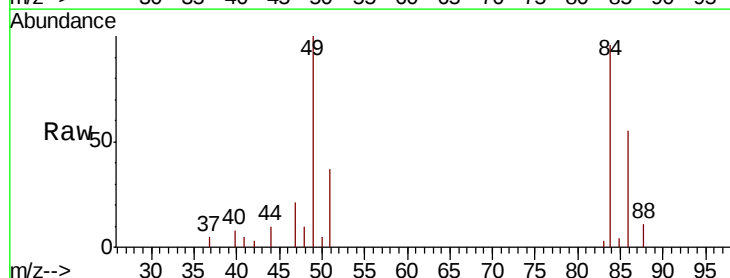
Tgt Ion: 84 Resp: 8764

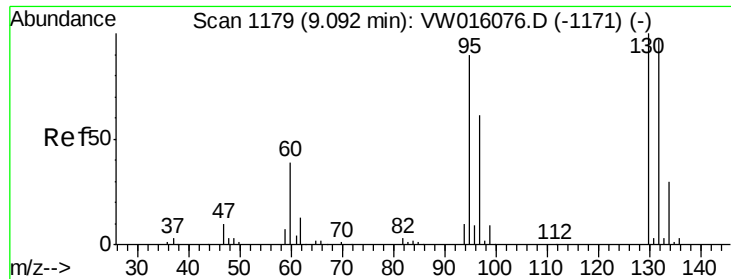
Ion Ratio Lower Upper

84 100

49 103.7 91.1 169.1

86 56.9 46.0 85.4

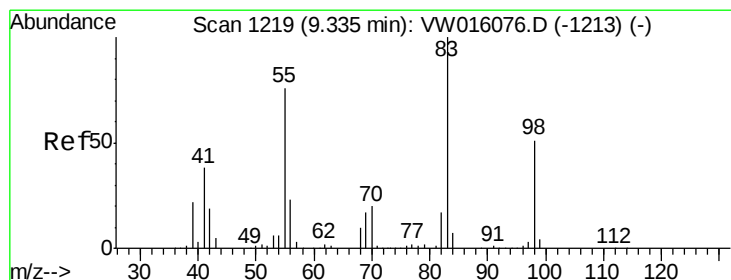
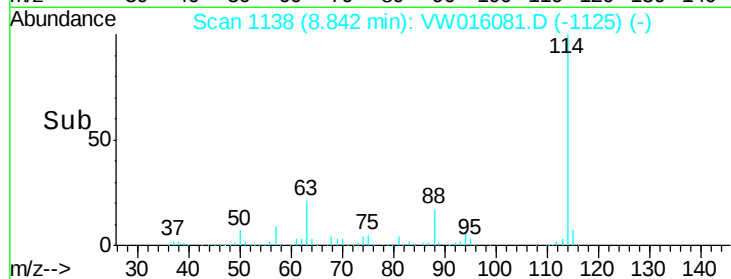
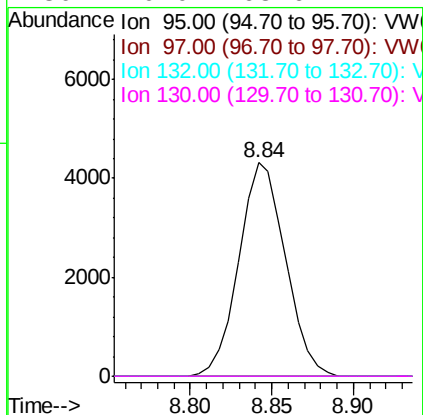
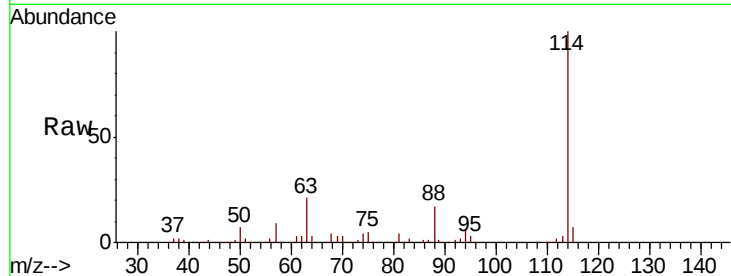




#35
 Trichloroethene
 Concen: 1.963 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW016081.D
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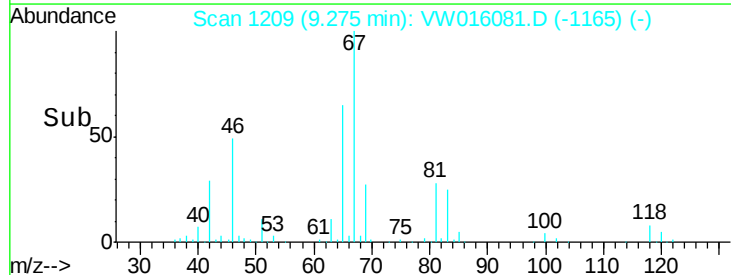
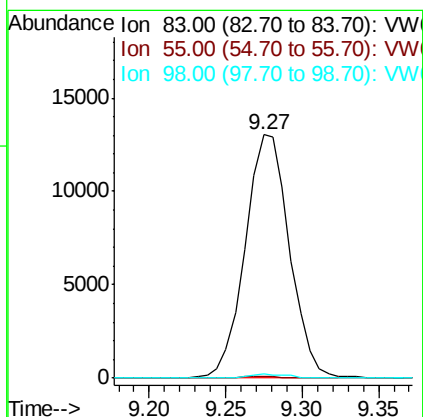
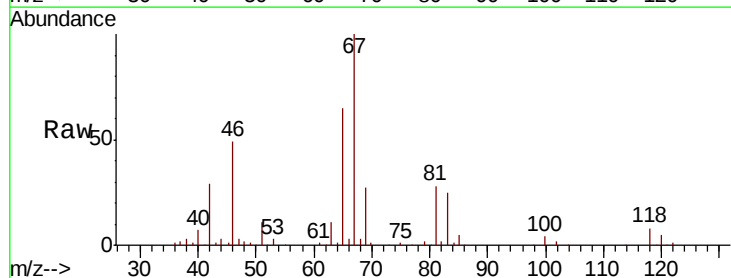
Instrument :
 MSVOA_W
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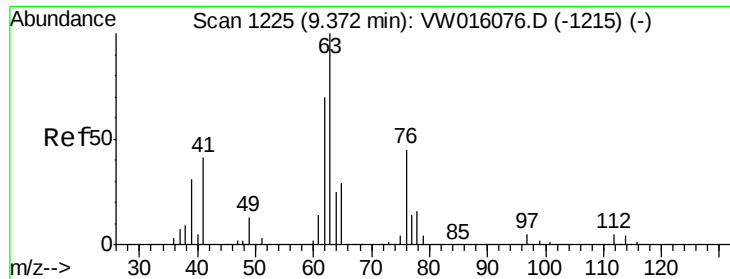
Tot Ion: 95 Resp: 8552
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.4 82.4#
 132 0.0 65.1 120.9#
 130 0.0 68.6 127.4#



#36
 Methylcyclohexane
 Concen: 3.515 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW016081.D
 Acq: 07 Aug 2020 19:46

Tgt Ion: 83 Resp: 26273
 Ion Ratio Lower Upper
 83 100
 55 0.6 63.5 95.3#
 98 1.5 39.0 58.4#

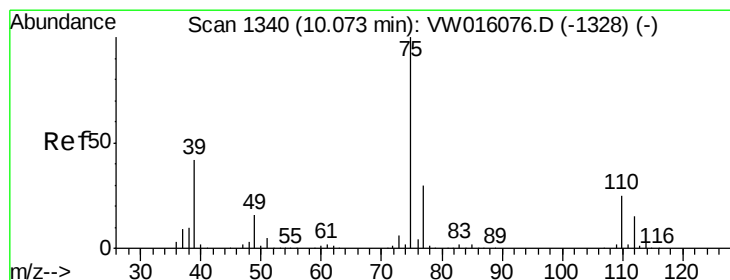
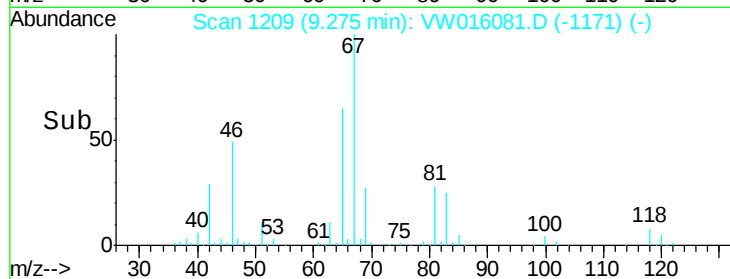
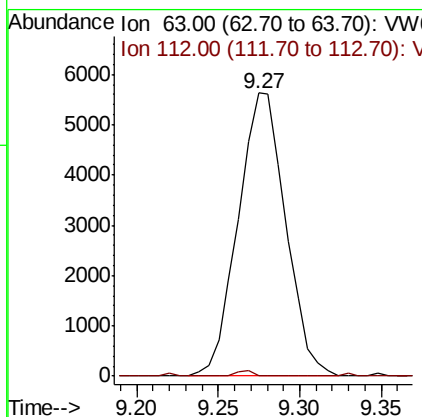
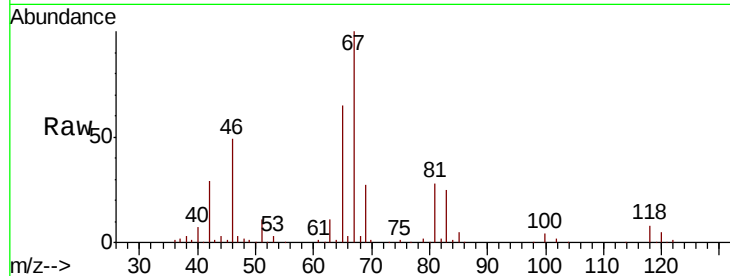




#40
 1,2-Dichloropropane
 Concen: 2.810 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016081.D
 Acq: 07 Aug 2020 19:46

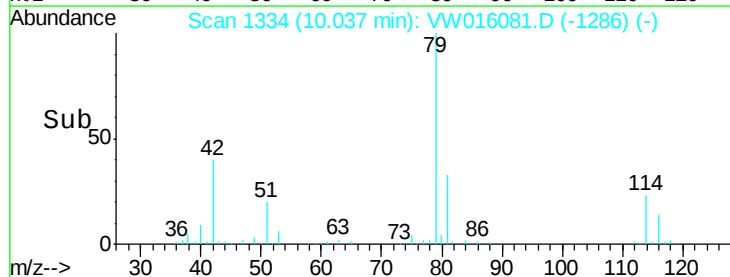
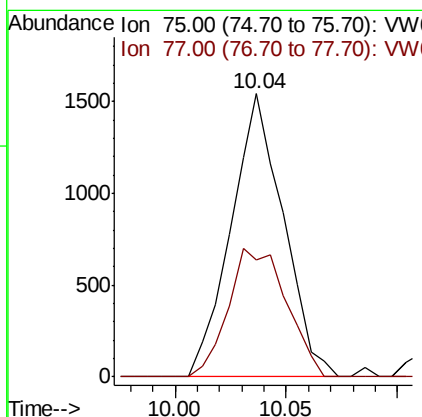
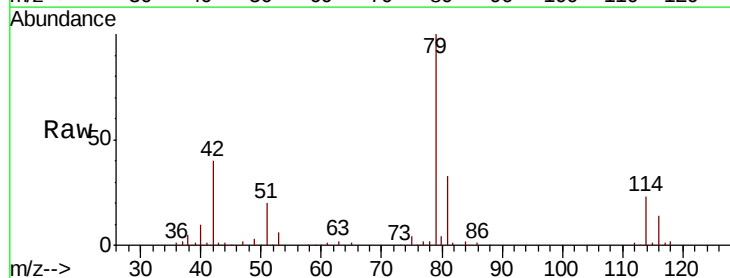
Instrument :
 MSVOA_W
 ClientSampleId :

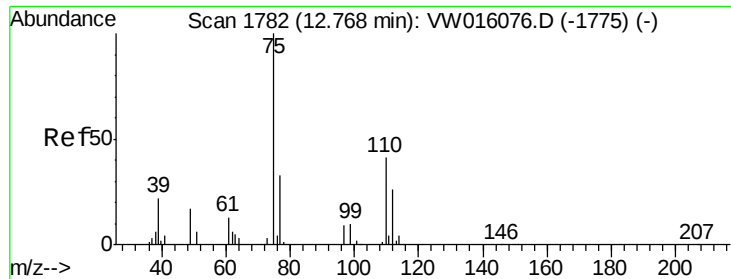
Tot Ion: 63 Resp: 11462
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.405 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016081.D
 Acq: 07 Aug 2020 19:46

Tgt Ion: 75 Resp: 2519
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 4.612 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016081.D

Acq: 07 Aug 2020 19:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 11903

Ion Ratio Lower Upper

75 100

77 38.5 26.0 39.0

