

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009348.D
 Acq On : 22 Mar 2019 15:04
 Operator : SY/VA
 Sample : K2017-18
 Misc : 5.33G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E4

Quant Time: Mar 23 00:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413687	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397903	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184950	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105534	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	2.89	69	108982	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	4.01	63	167597	15.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.76%
20) 2-Butanone-d5	7.08	46	109660	53.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.28%
24) Chloroform-d	7.64	84	258402	22.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	8.31	65	164972	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.27	84	467207	21.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.16%
33) 1,2-Dichloropropane-d6	9.27	67	151449	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.92%
37) Toluene-d8	10.32	98	416301	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.08%
38) trans-1,3-Dichloropropene-	10.58	79	68714	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.04%
39) 2-Hexanone-d5	10.93	63	80074	50.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162379	25.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	172260	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds

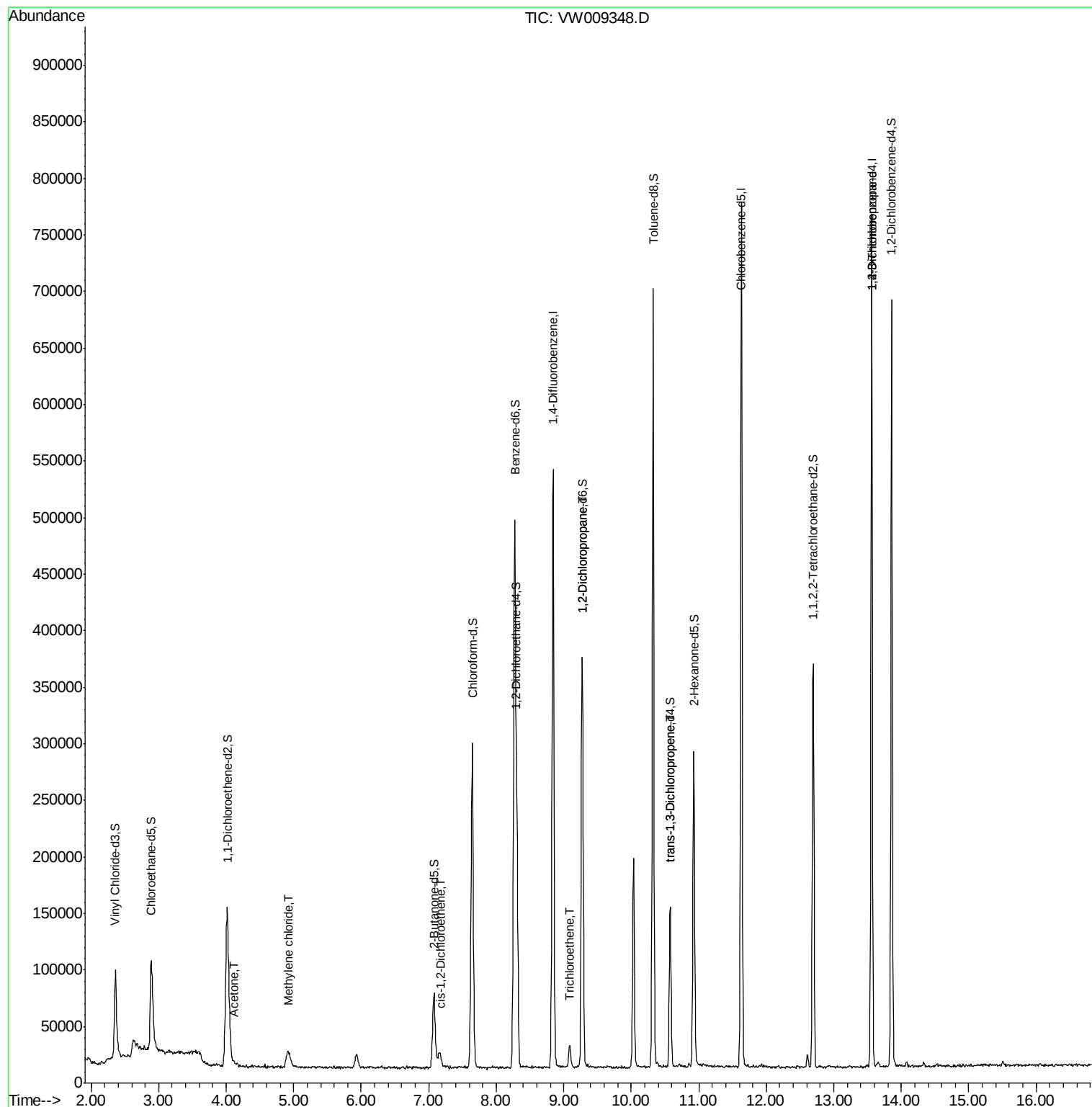
					Qvalue
13) Acetone	4.12	43	2657	1.585 ug/L	62
16) Methylene chloride	4.92	84	8663	1.436 ug/L	79
22) cis-1,2-Dichloroethene	7.17	96	5801	1.000 ug/L	88
35) Trichloroethene	9.09	95	6096	1.050 ug/L	98
40) 1,2-Dichloropropane	9.27	63	18911	3.384 ug/L #	86
45) trans-1,3-Dichloropropene	10.58	75	4025	0.508 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	23839	5.340 ug/L	91

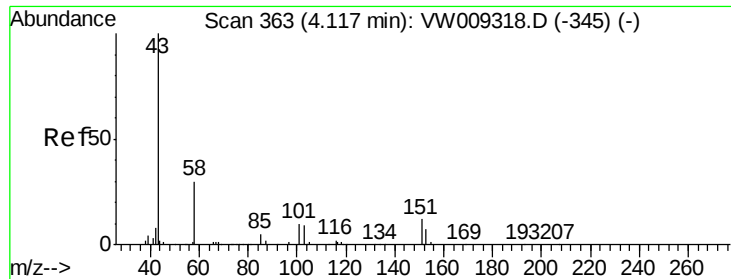
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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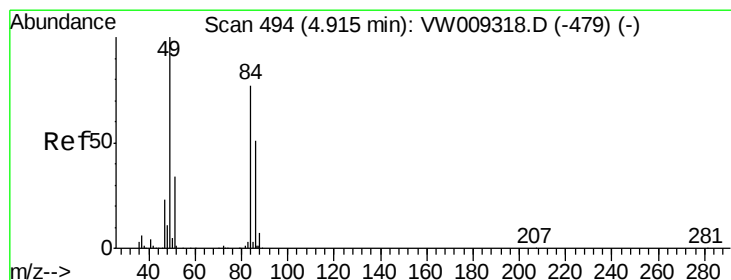
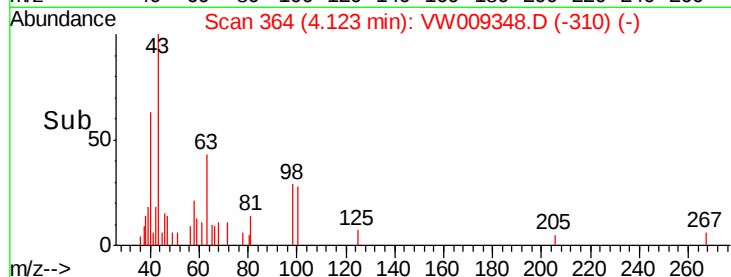
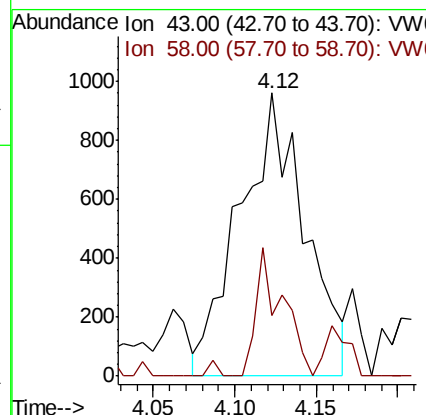
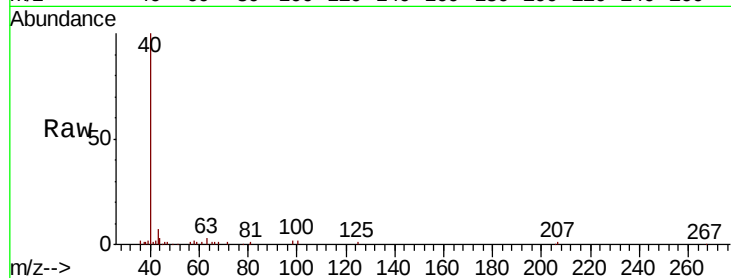




#13
Acetone
Concen: 1.585 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009348.D
Acq: 22 Mar 2019 15:04

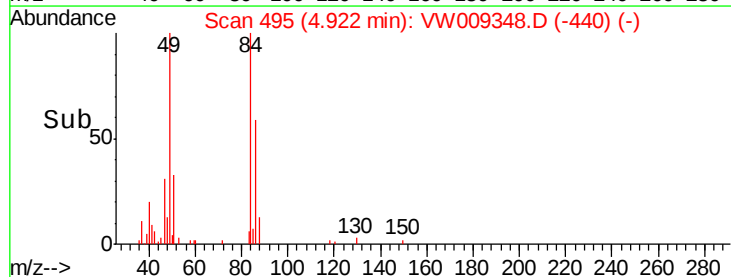
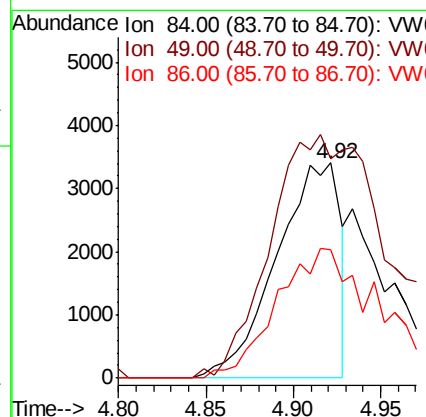
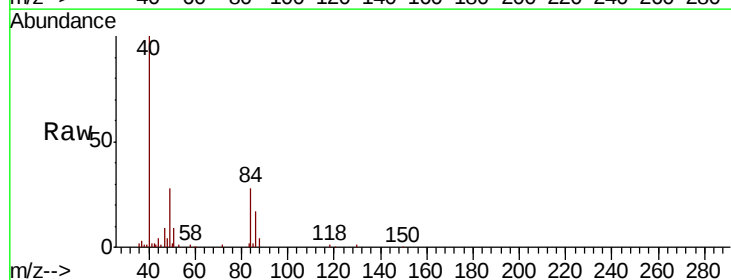
Instrument :
MSVOA_W
ClientSampled :
BF0E4

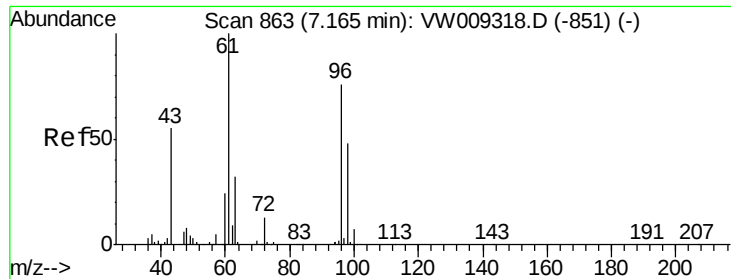
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
58 7.9 0.0 56.2



#16
Methylene chloride
Concen: 1.436 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009348.D
Acq: 22 Mar 2019 15:04

Tgt Ion: 84 Resp: 8663
Ion Ratio Lower Upper
84 100
49 102.1 96.0 178.2
86 59.6 44.4 82.5



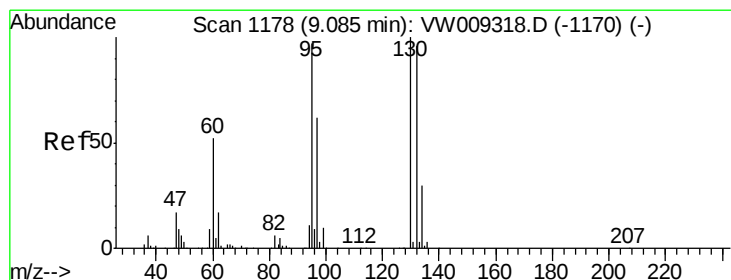
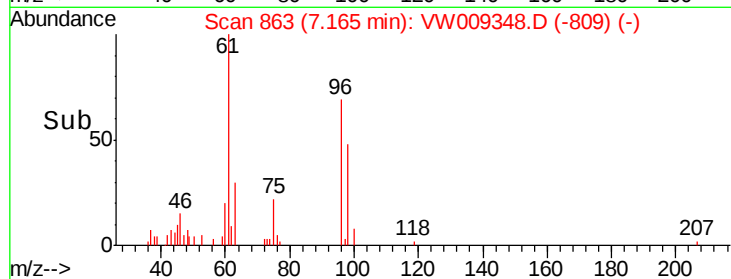
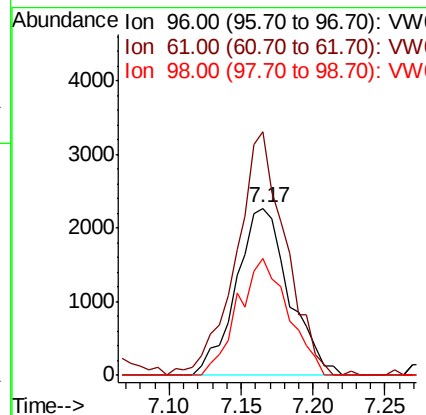
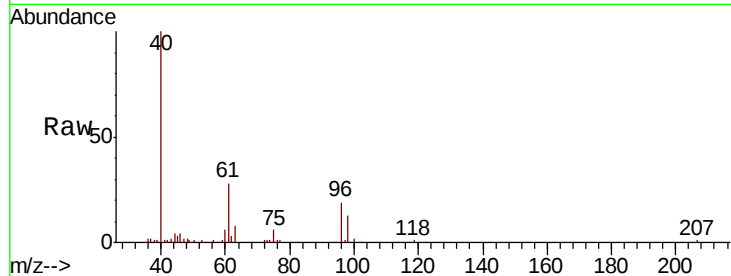


#22

cis-1,2-Dichloroethene
 Concen: 1.000 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009348.D
 Acq: 22 Mar 2019 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E4

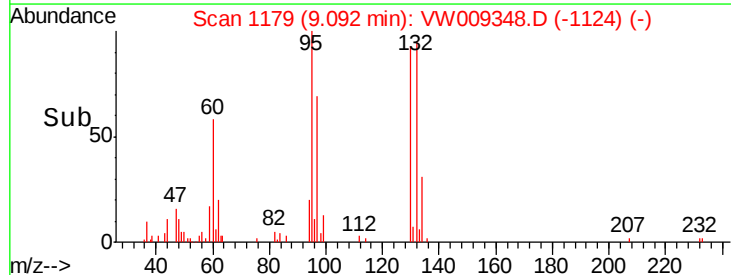
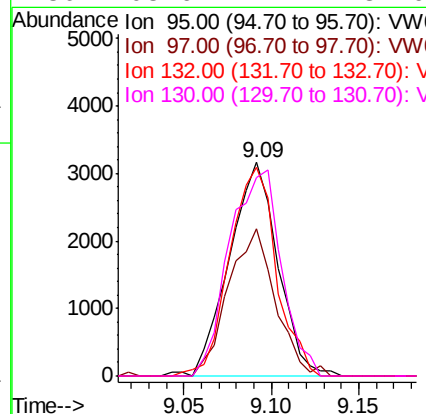
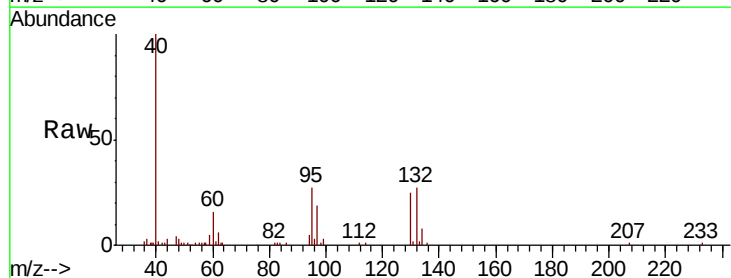
Tgt Ion: 96 Resp: 5801
 Ion Ratio Lower Upper
 96 100
 61 145.9 90.6 168.3
 98 69.7 44.0 81.8

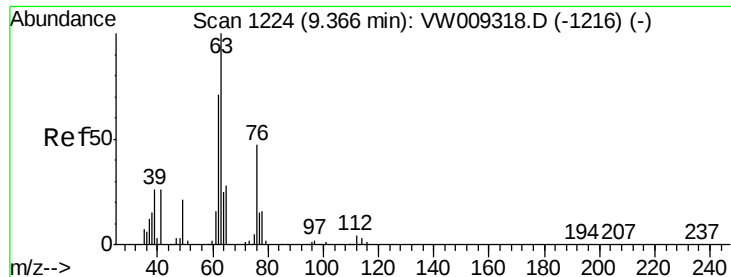


#35

Trichloroethene
 Concen: 1.050 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009348.D
 Acq: 22 Mar 2019 15:04

Tgt Ion: 95 Resp: 6096
 Ion Ratio Lower Upper
 95 100
 97 65.8 44.7 82.9
 132 94.3 69.0 128.2
 130 103.6 72.7 134.9

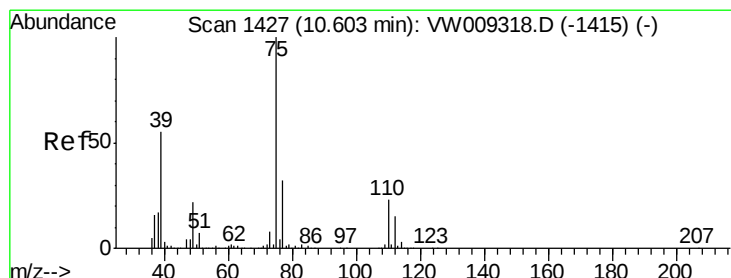
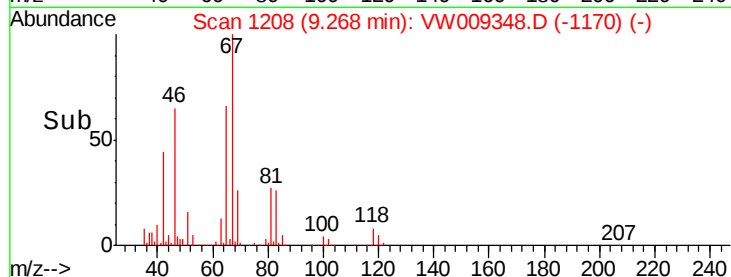
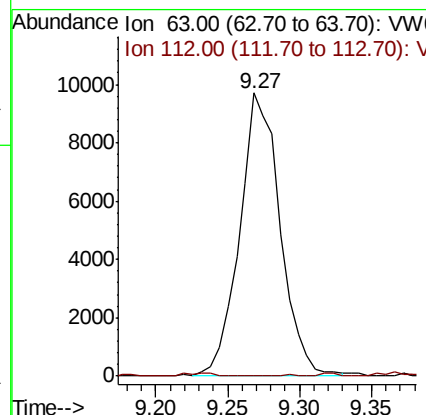
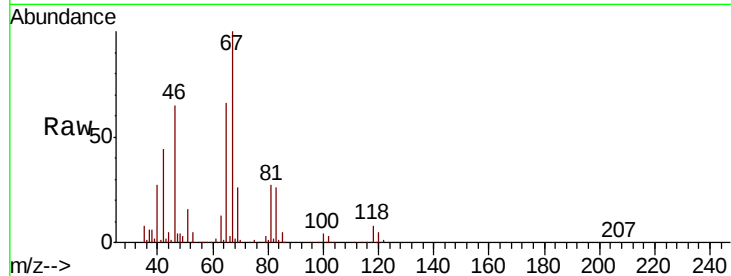




#40
 1,2-Dichloropropane
 Concen: 3.384 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW009348.D
 Acq: 22 Mar 2019 15:04

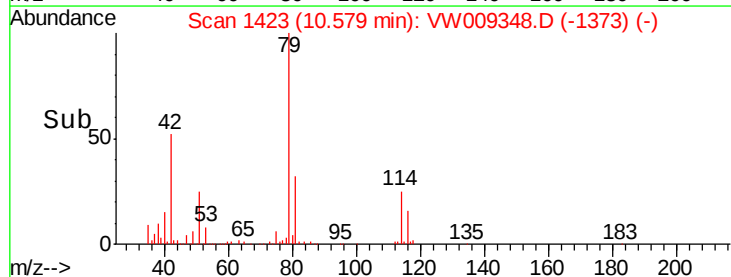
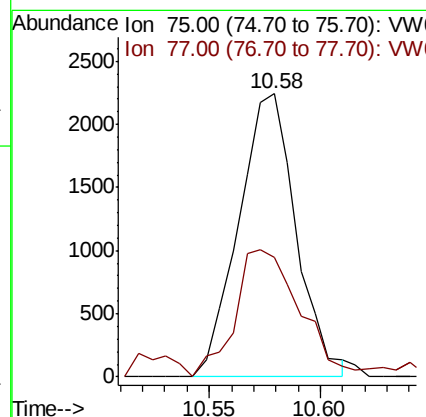
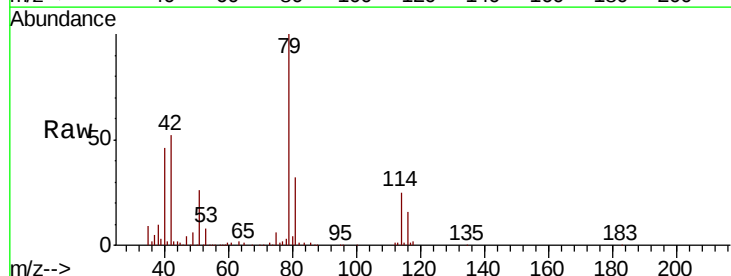
Instrument :
 MSVOA_W
 ClientSampled :
 BF0E4

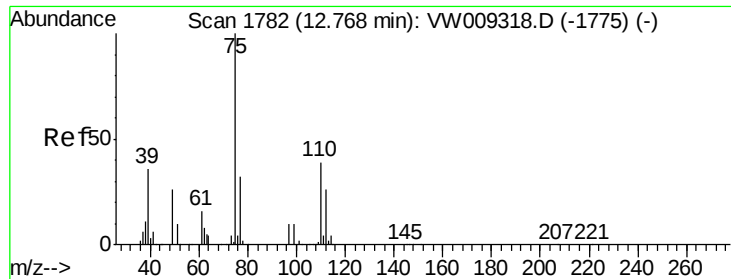
Tgt Ion: 63 Resp: 18911
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.0 6.0#



#45
 trans-1,3-Dichloropropene
 Concen: 0.508 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW009348.D
 Acq: 22 Mar 2019 15:04

Tgt Ion: 75 Resp: 4025
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 5.340 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009348.D

Acq: 22 Mar 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

BF0E4

Tgt Ion: 75 Resp: 23839

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

