

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009794.D
 Acq On : 07 Apr 2019 02:36
 Operator : SY/VA
 Sample : K2217-16
 Misc : 5.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF606

Quant Time: Apr 07 05:40:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371100	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350962	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128376	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121410	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.00%
7) Chloroethane-d5	2.90	69	116150	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.44%
10) 1,1-Dichloroethene-d2	4.01	63	211348	20.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.96%
20) 2-Butanone-d5	7.07	46	111830	70.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.86%#
24) Chloroform-d	7.65	84	292628	28.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	8.31	65	196751	31.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.60%
29) Benzene-d6	8.27	84	546035	29.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.56%
33) 1,2-Dichloropropane-d6	9.27	67	173133	30.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.68%#
37) Toluene-d8	10.32	98	464013	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.96%
38) trans-1,3-Dichloropropene-	10.57	79	68550	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.04%
39) 2-Hexanone-d5	10.93	63	67450	62.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172011	32.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	142397	31.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	126.44%#

Target Compounds

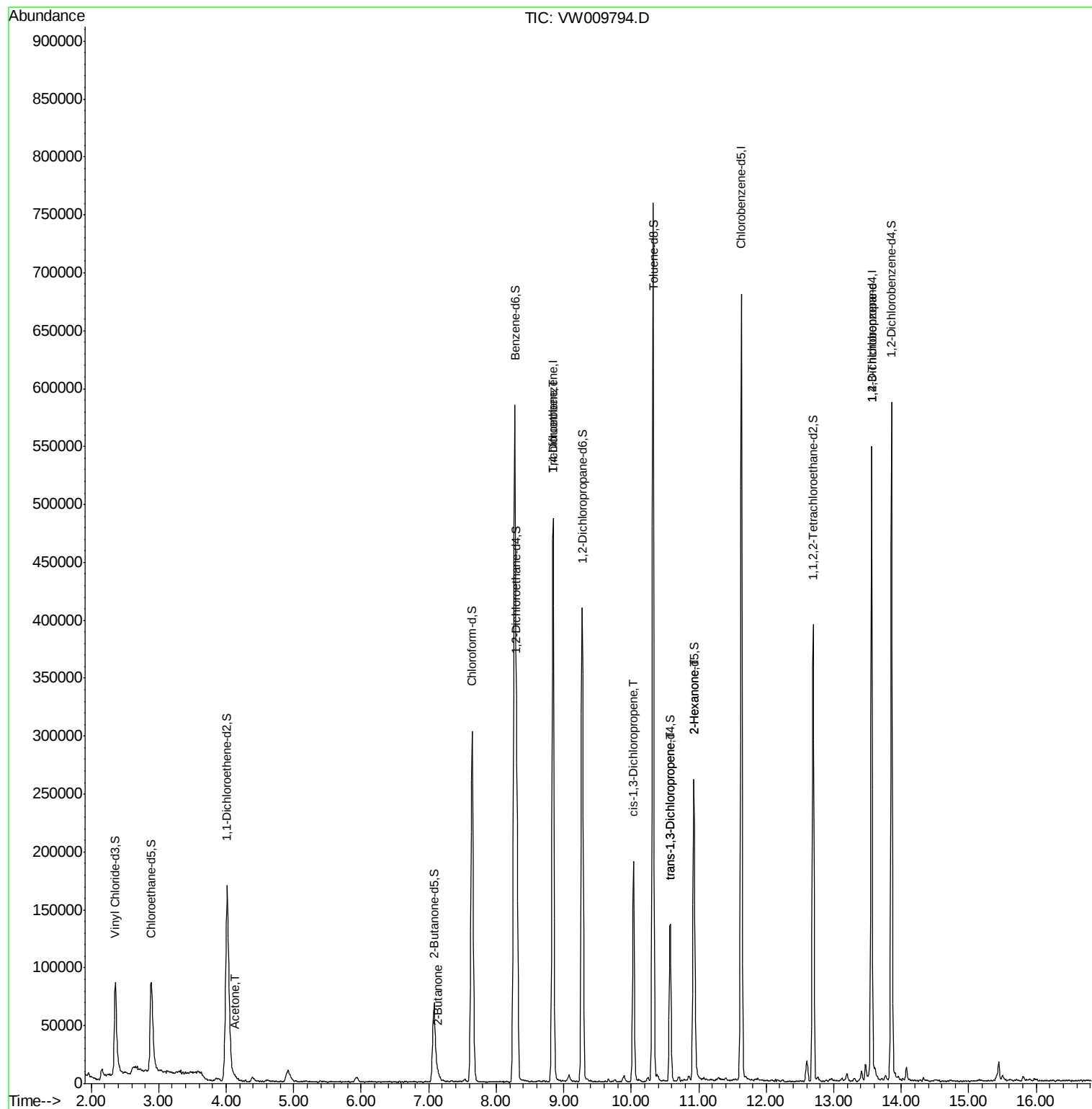
					Qvalue
13) Acetone	4.12	43	5552	3.286 ug/L	71
21) 2-Butanone	7.14	43	3650	1.699 ug/L #	54
35) Trichloroethene	8.84	95	12008	2.173 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	5087	0.607 ug/L #	64
45) trans-1,3-Dichloropropene	10.58	75	3910	0.542 ug/L	95
49) 2-Hexanone	10.93	43	13693	4.380 ug/L #	44
59) 1,2,3-Trichloropropane	13.56	75	18134	4.465 ug/L	90

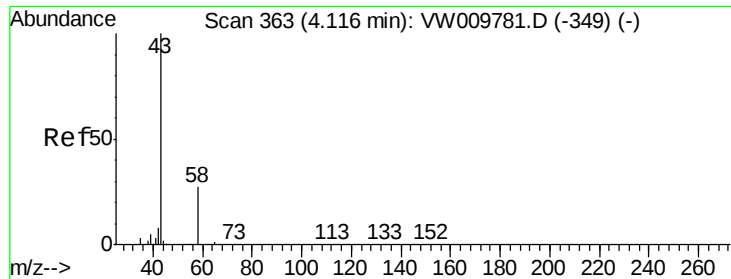
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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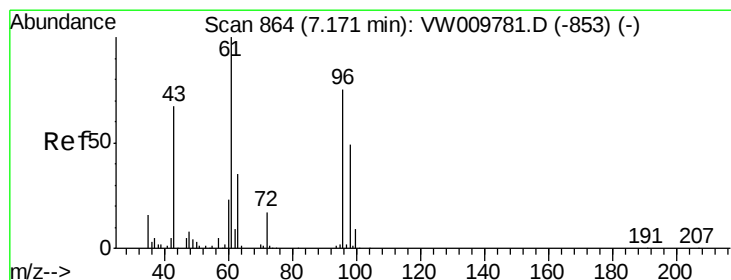
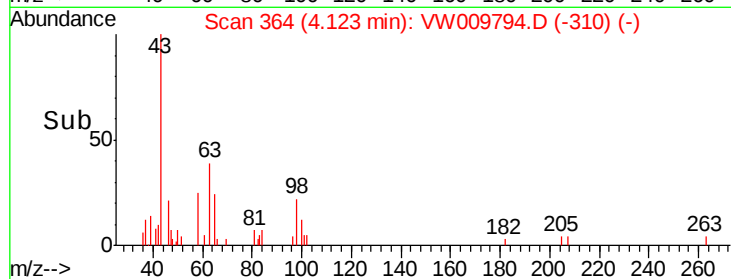
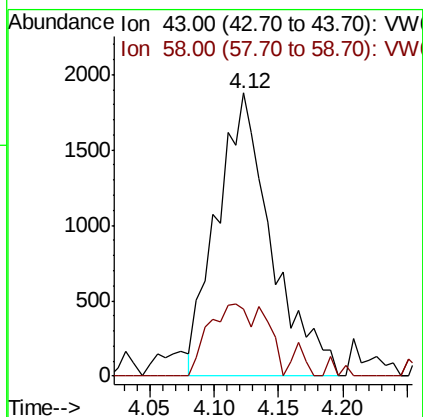
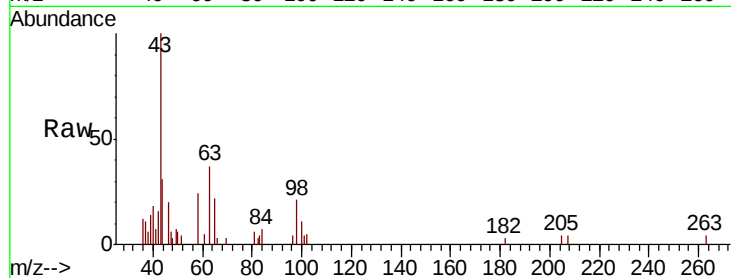




#13
Acetone
Concen: 3.286 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009794.D
Acq: 07 Apr 2019 02:36

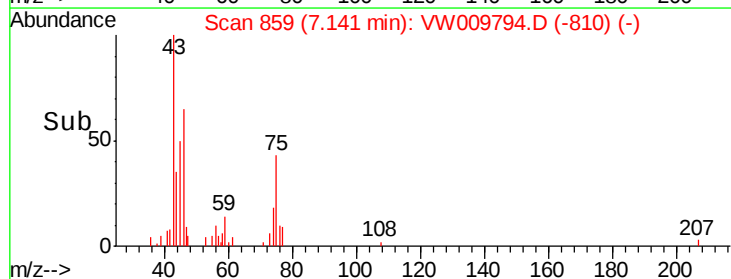
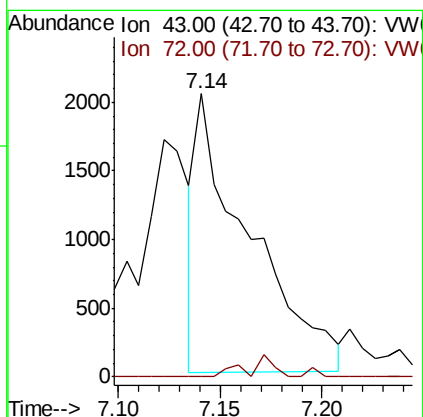
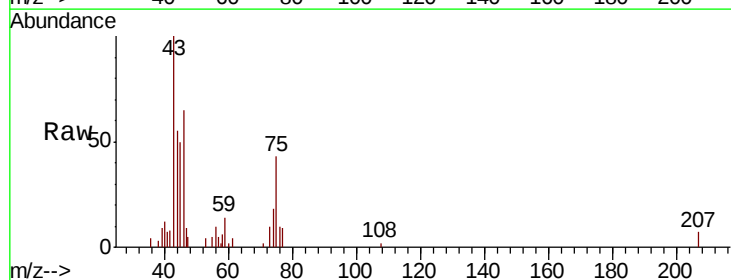
Instrument :
MSVOA_W
ClientSampleId :
BF606

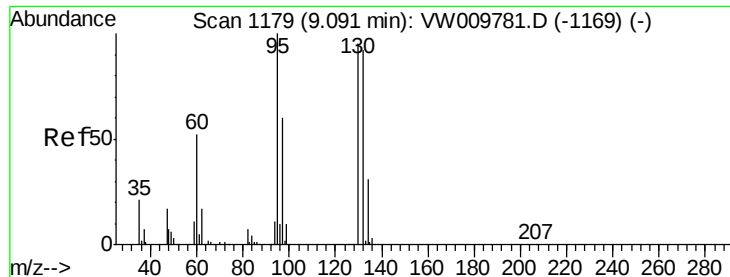
Tgt Ion: 43 Resp: 5552
Ion Ratio Lower Upper
43 100
58 11.4 0.0 53.0



#21
2-Butanone
Concen: 1.699 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW009794.D
Acq: 07 Apr 2019 02:36

Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
72 1.5 12.0 36.1#





#35

Trichloroethene

Concen: 2.173 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009794.D

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Instrument :

MSVOA_W

ClientSampleId :

BF606

Tgt Ion: 95 Resp: 12008

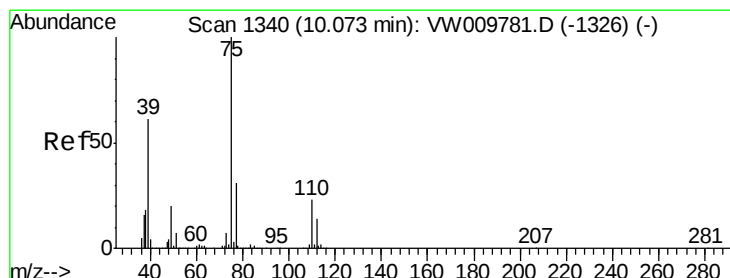
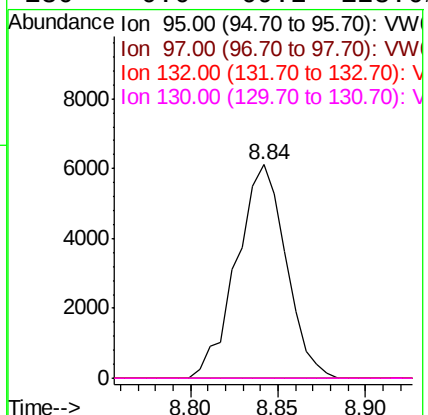
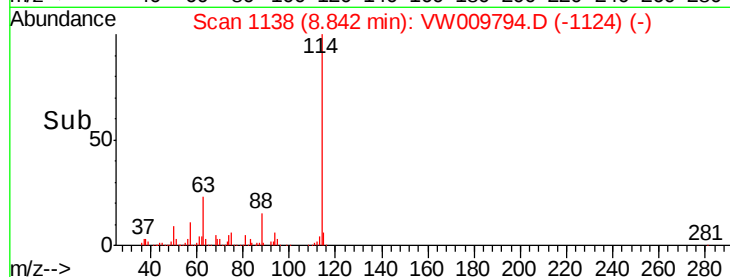
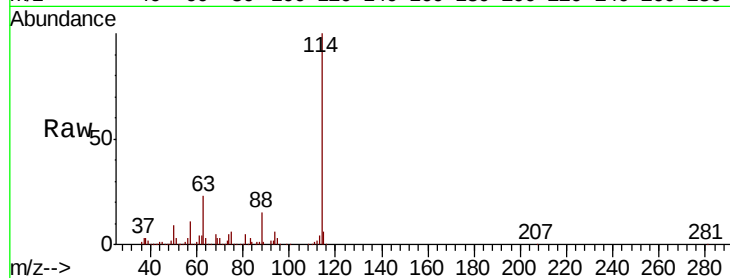
Ion Ratio Lower Upper

95 100

97 0.5 44.9 83.5#

132 0.6 67.1 124.7#

130 0.0 69.2 128.6#



#42

cis-1,3-Dichloropropene

Concen: 0.607 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009794.D

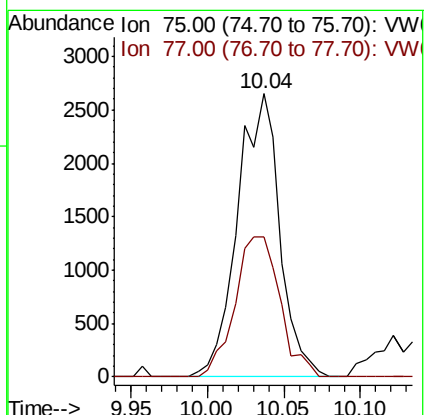
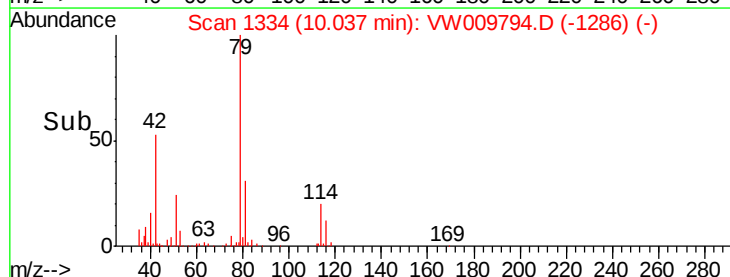
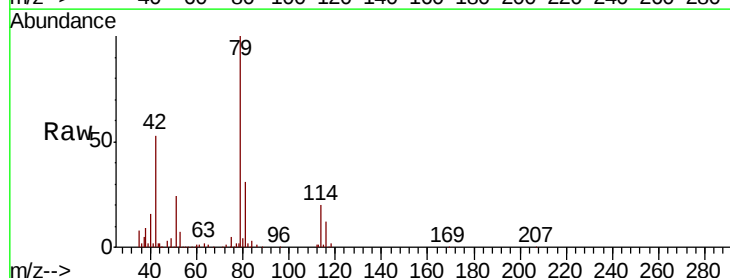
Acq: 07 Apr 2019 02:36

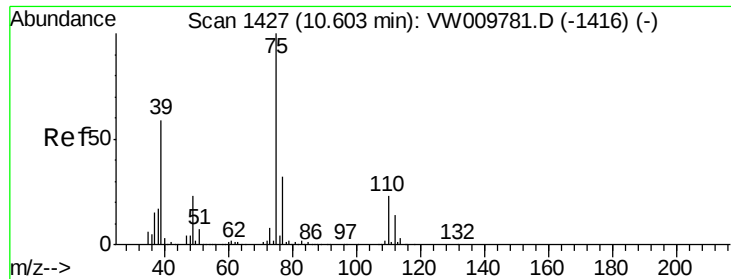
Tgt Ion: 75 Resp: 5087

Ion Ratio Lower Upper

75 100

77 49.7 21.0 39.0#

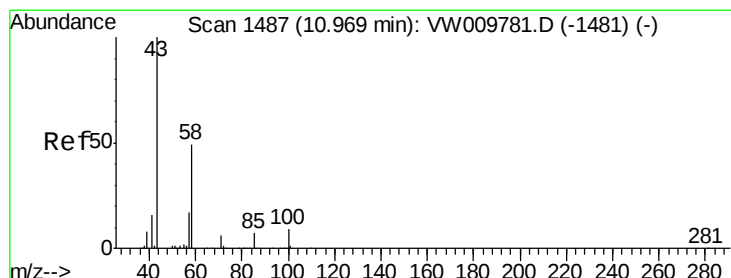
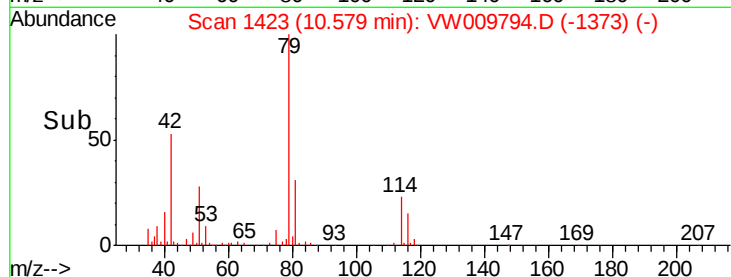
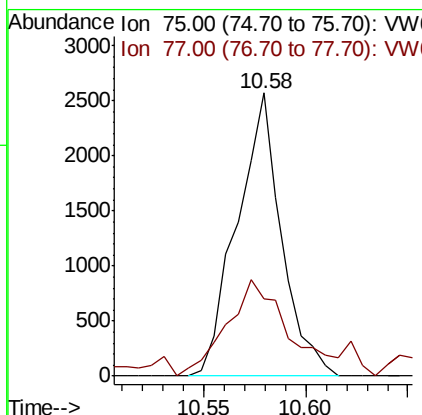
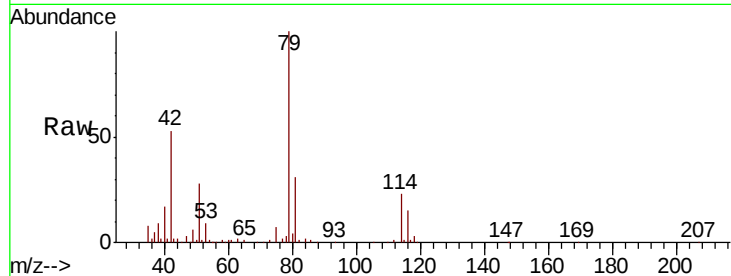




#45
trans-1,3-Dichloropropene
Concen: 0.542 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009794.D
Acq: 07 Apr 2019 02:36

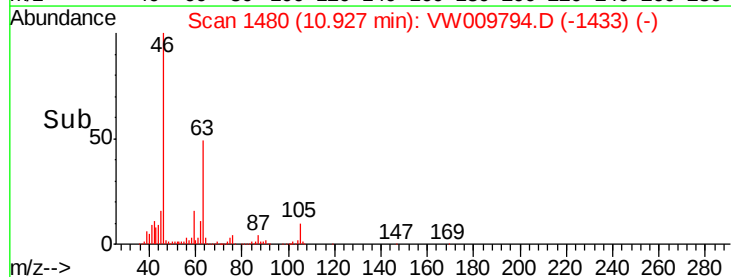
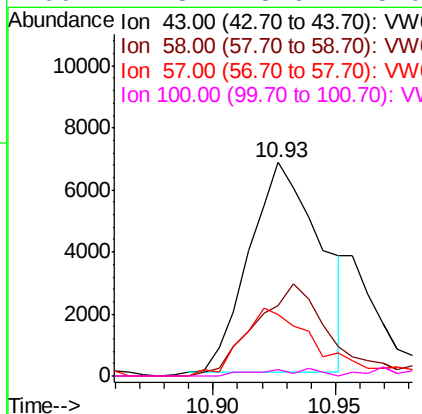
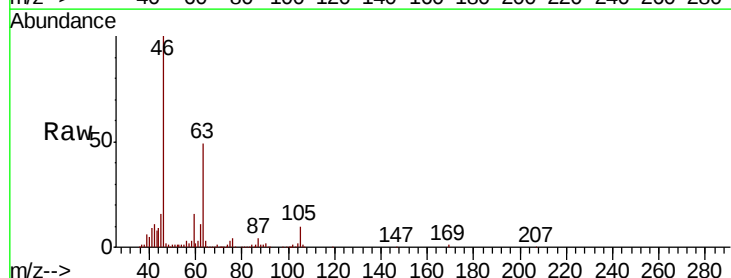
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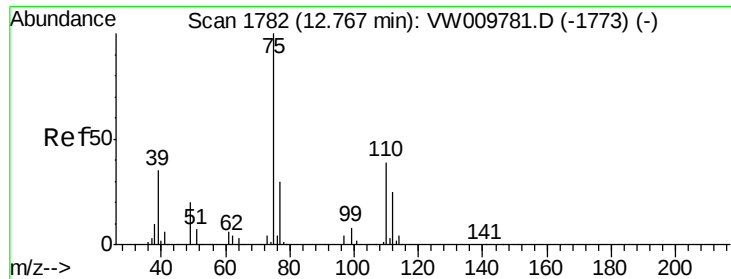
Tgt Ion: 75 Resp: 3910
Ion Ratio Lower Upper
75 100
77 27.4 21.1 39.3



#49
2-Hexanone
Concen: 4.380 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW009794.D
Acq: 07 Apr 2019 02:36

Tgt Ion: 43 Resp: 13693
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#
57 32.1 13.8 20.6#
100 1.8 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 4.465 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009794.D

Acq: 07 Apr 2019 02:36

Instrument :

MSVOA_W

ClientSampleId :

BF606

Tgt Ion: 75 Resp: 18134

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.2

