

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009855.D
 Acq On : 09 Apr 2019 23:39
 Operator : SY/VA
 Sample : K2327-12
 Misc : 4.81G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0N6

Quant Time: Apr 10 04:46:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426214	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123824	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
7) Chloroethane-d5	2.90	69	116866	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.48%
10) 1,1-Dichloroethene-d2	4.02	63	230032	19.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.72%
20) 2-Butanone-d5	7.08	46	102580	56.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.30%
24) Chloroform-d	7.65	84	326662	28.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.36%
26) 1,2-Dichloroethane-d4	8.39	65	255	0.04	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	590775	28.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.16%
33) 1,2-Dichloropropane-d6	9.27	67	189379	29.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.52%
37) Toluene-d8	10.32	98	499426	26.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.28%
38) trans-1,3-Dichloropropene-	10.58	79	72654	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.12%
39) 2-Hexanone-d5	10.93	63	63959	53.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162186	27.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	148134	29.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.80%

Target Compounds

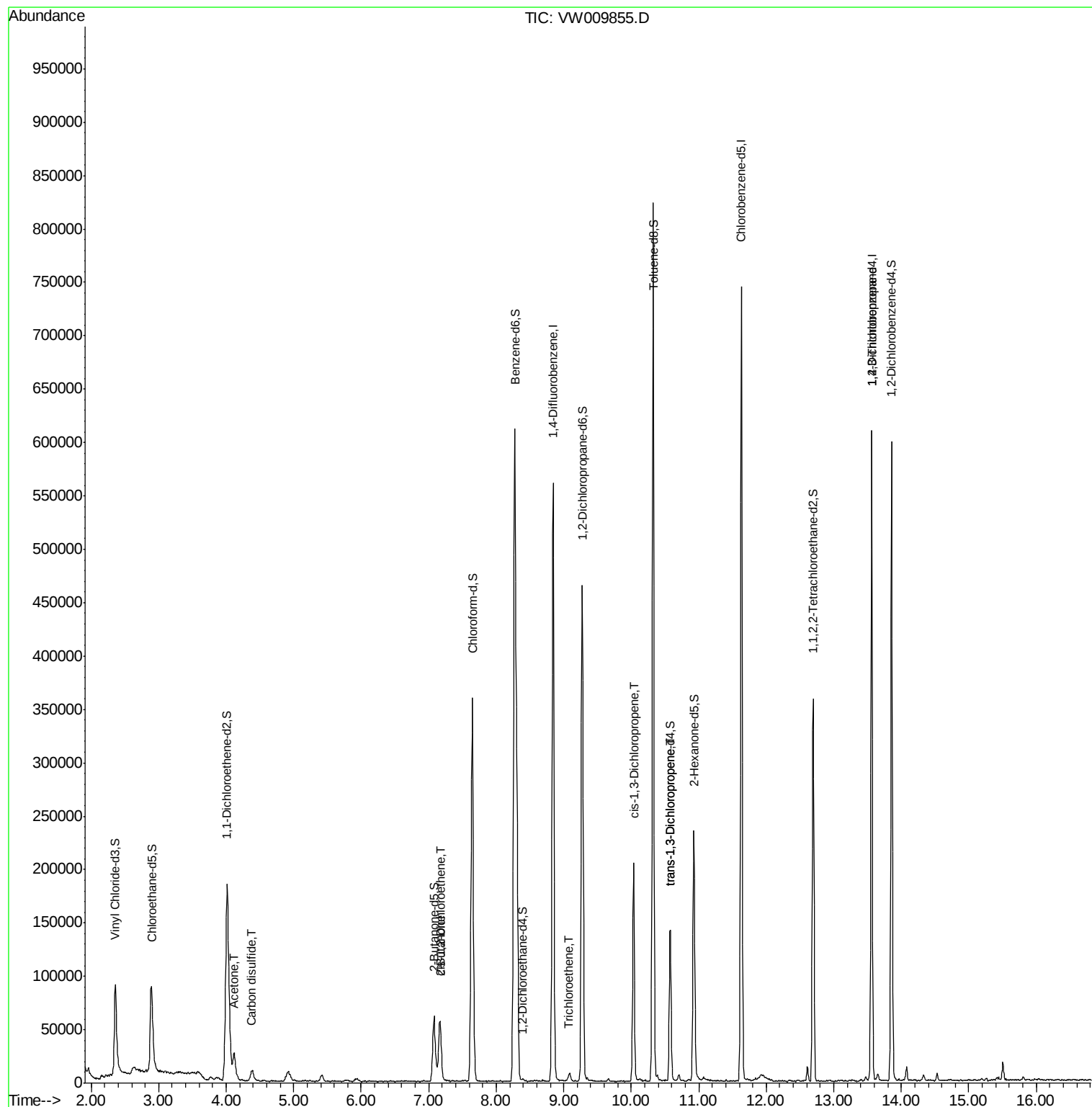
					Qvalue
13) Acetone	4.12	43	40859	21.059 ug/L	100
14) Carbon disulfide	4.38	76	19622	1.115 ug/L #	94
21) 2-Butanone	7.17	43	11076	4.488 ug/L	83
22) cis-1,2-Dichloroethene	7.17	96	27472	4.363 ug/L	96
35) Trichloroethene	9.08	95	2028	0.329 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	6127	0.657 ug/L	91
45) trans-1,3-Dichloropropene	10.57	75	3951	0.491 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	19538	4.319 ug/L	90

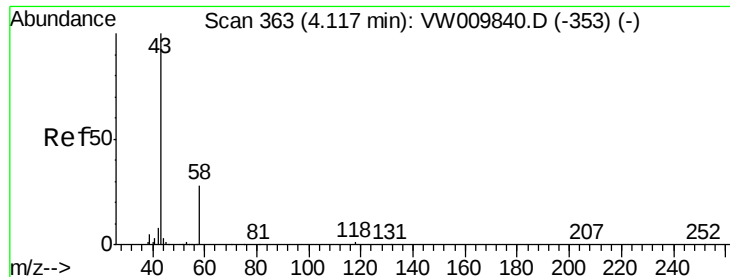
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 04:42:28 2019
Response via : Initial Calibration





#13

Acetone

Concen: 21.059 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009855.D

Acq: 09 Apr 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

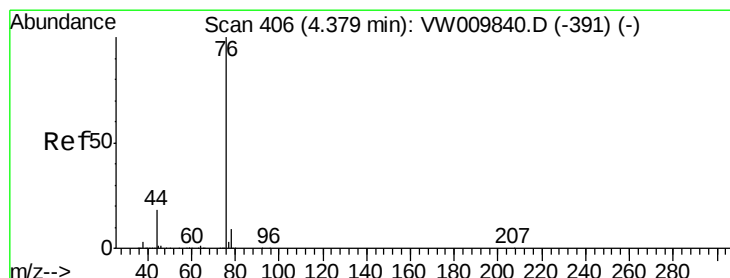
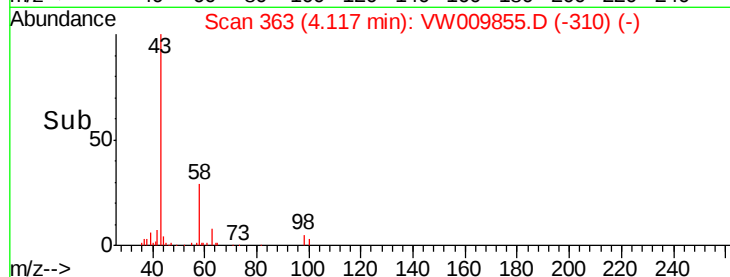
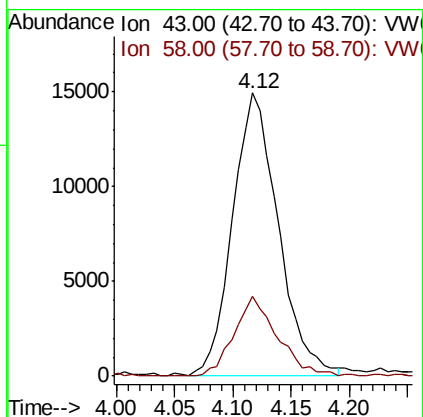
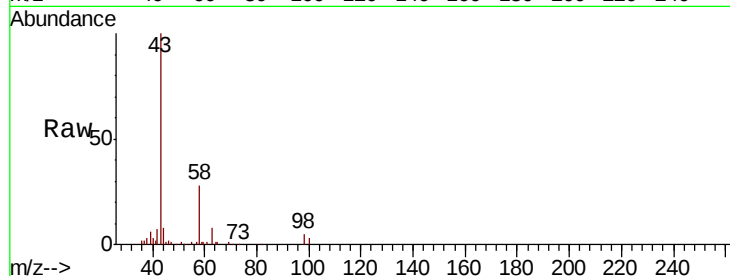
BF0N6

Tgt Ion: 43 Resp: 40859

Ion Ratio Lower Upper

43 100

58 26.3 0.0 53.0



#14

Carbon disulfide

Concen: 1.115 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009855.D

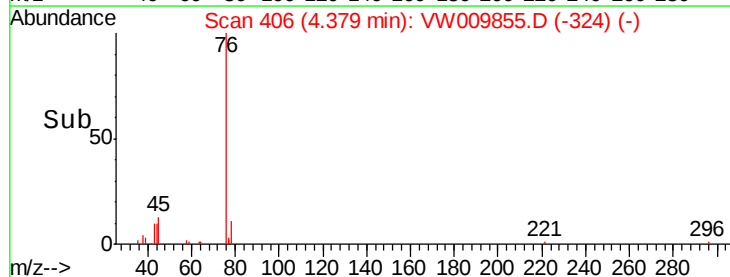
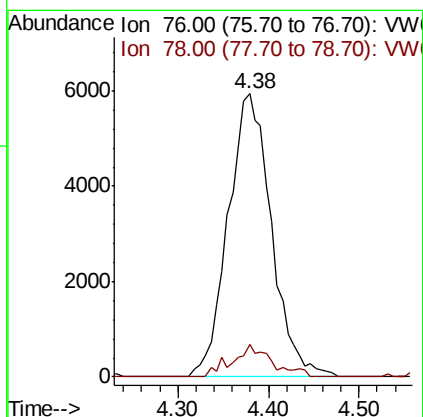
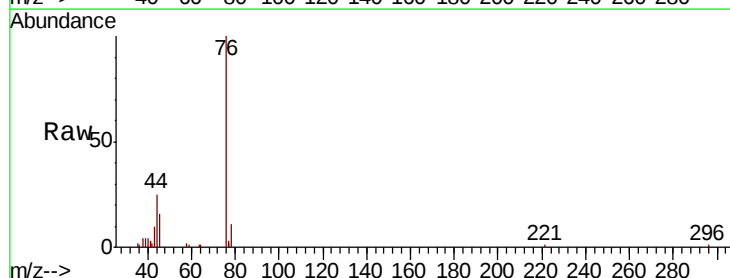
Acq: 09 Apr 2019 23:39

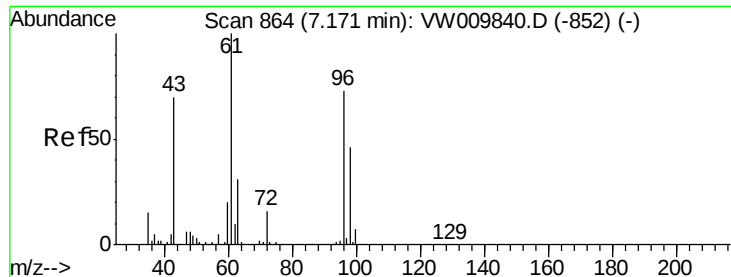
Tgt Ion: 76 Resp: 19622

Ion Ratio Lower Upper

76 100

78 11.4 7.3 10.9#

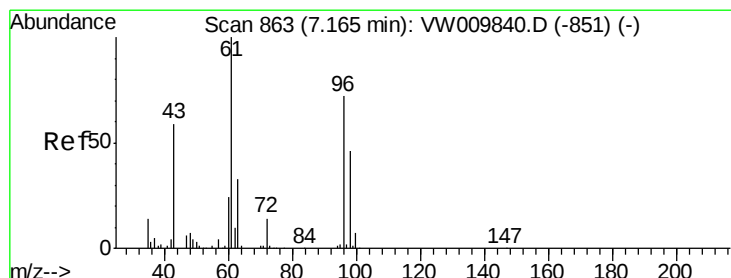
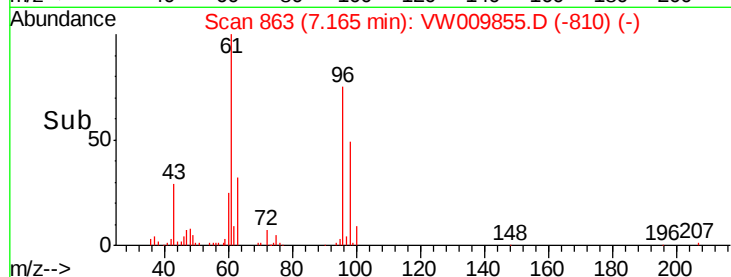
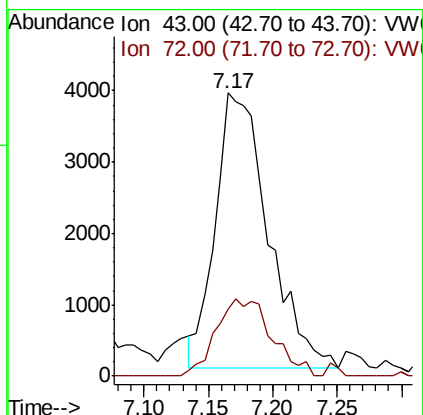
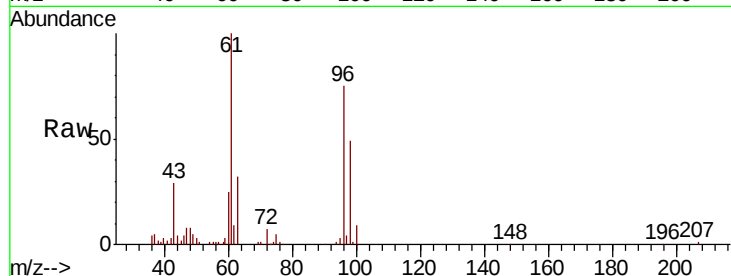




#21
2-Butanone
Concen: 4.488 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009855.D
Acq: 09 Apr 2019 23:39

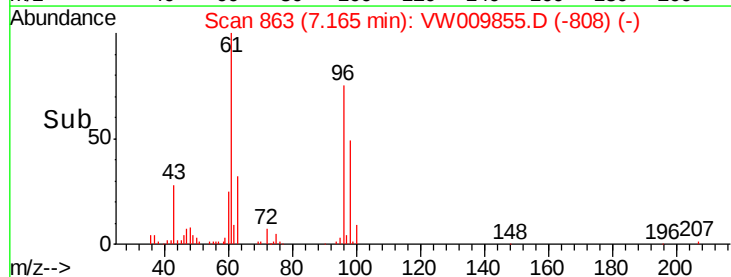
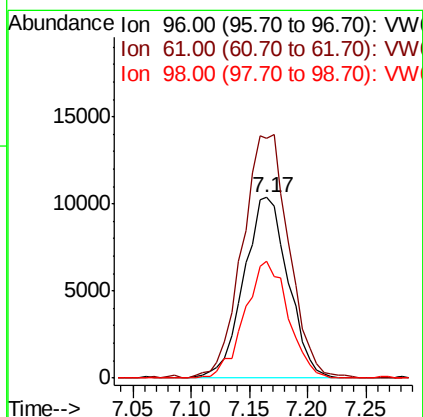
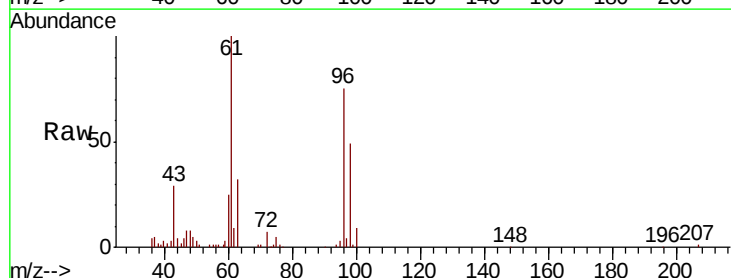
Instrument :
MSVOA_W
ClientSampled :
BFON6

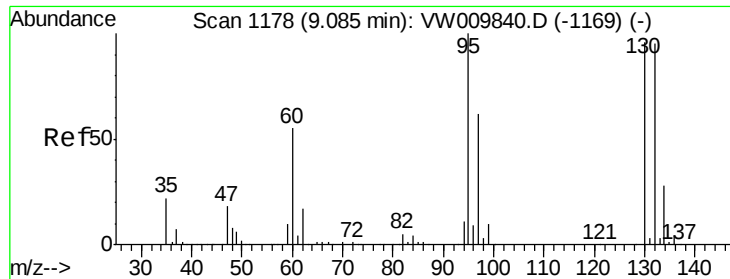
Tgt Ion: 43 Resp: 11076
Ion Ratio Lower Upper
43 100
72 15.9 12.0 36.1



#22
cis-1,2-Dichloroethene
Concen: 4.363 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009855.D
Acq: 09 Apr 2019 23:39

Tgt Ion: 96 Resp: 27472
Ion Ratio Lower Upper
96 100
61 132.7 96.8 179.8
98 64.8 43.5 80.9





#35

Trichloroethene

Concen: 0.329 ug/L

RT: 9.08 min Scan# 1177

Delta R.T. -0.01 min

Lab File: VW009855.D

Acq: 09 Apr 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

BF0N6

Tgt Ion: 95 Resp: 2028

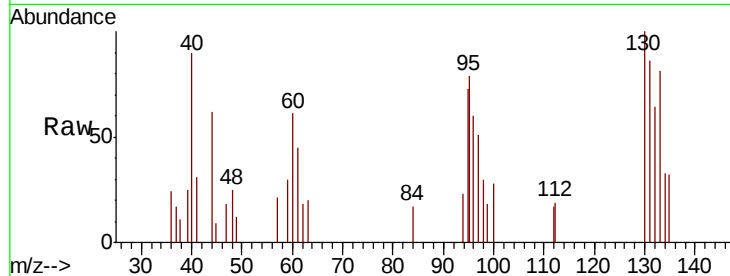
Ion Ratio Lower Upper

95 100

97 64.4 44.9 83.5

132 82.7 67.1 124.7

130 86.0 69.2 128.6



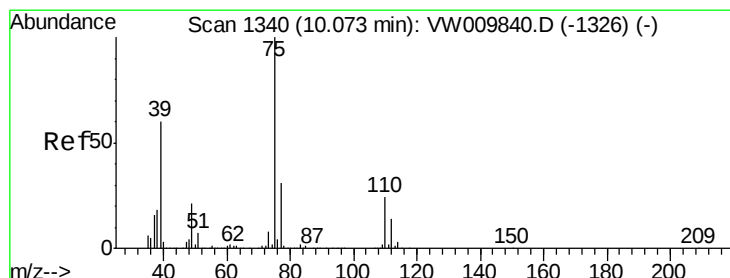
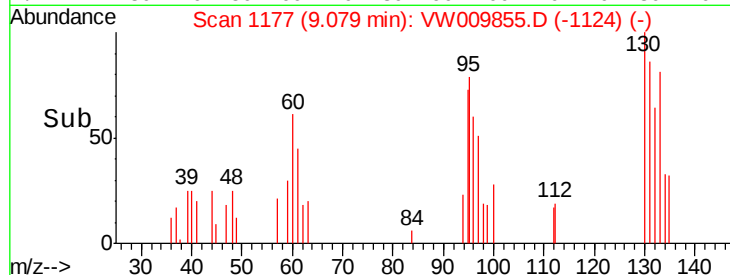
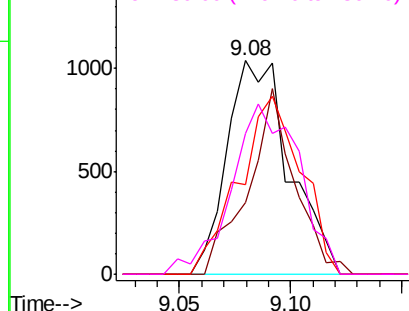
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.657 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009855.D

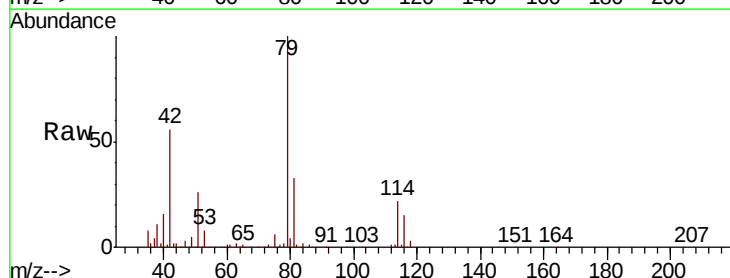
Acq: 09 Apr 2019 23:39

Tgt Ion: 75 Resp: 6127

Ion Ratio Lower Upper

75 100

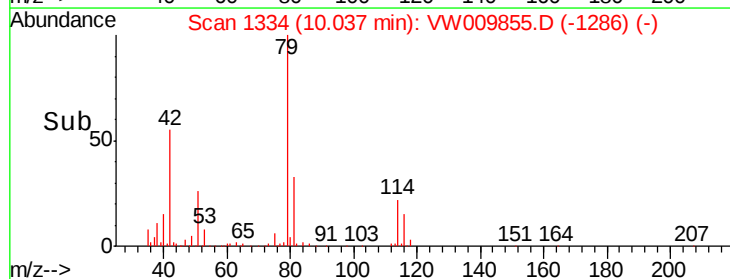
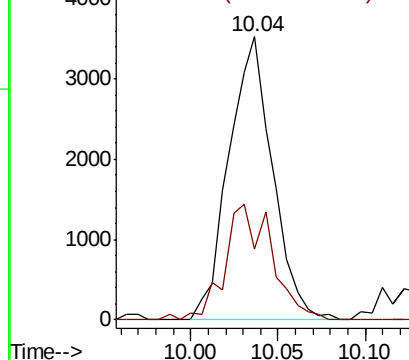
77 25.0 21.0 39.0

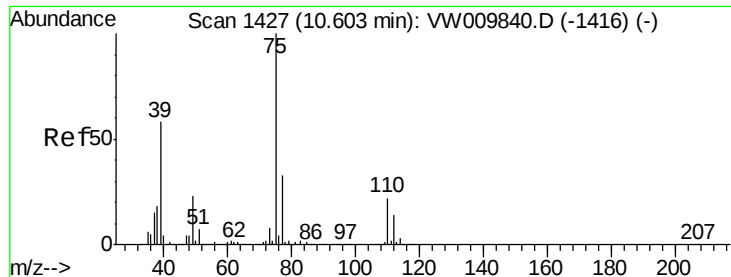


Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009855.D

Acq: 09 Apr 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

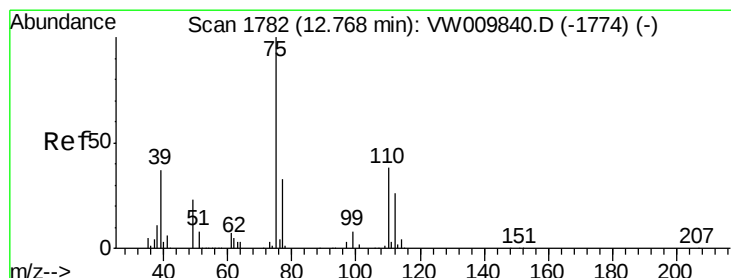
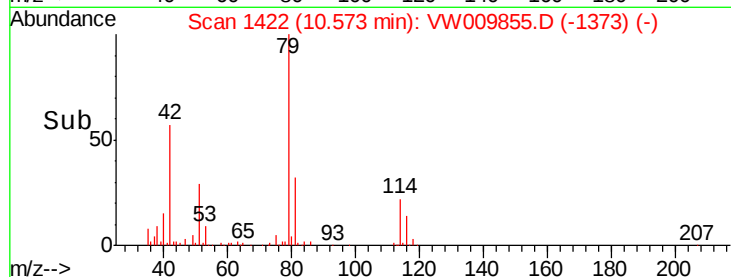
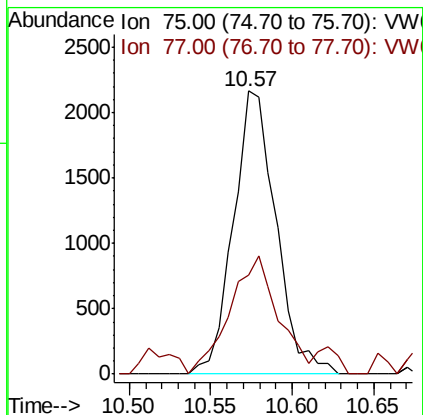
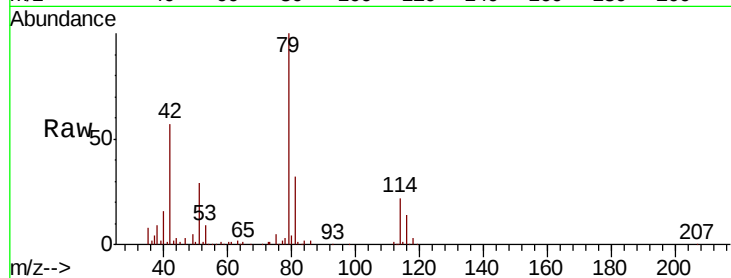
BFON6

Tgt Ion: 75 Resp: 3951

Ion Ratio Lower Upper

75 100

77 35.0 21.1 39.3



#59

1,2,3-Trichloropropane

Concen: 4.319 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009855.D

Acq: 09 Apr 2019 23:39

Tgt Ion: 75 Resp: 19538

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2

