

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013839.D
 Acq On : 30 Oct 2019 15:59
 Operator : SY/VA
 Sample : K5596-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA2

Quant Time: Oct 31 05:32:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	290247	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277563	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142685	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85221	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
7) Chloroethane-d5	2.89	69	68490	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	4.02	63	128924	16.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.56%
20) 2-Butanone-d5	7.07	46	60481	47.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.98%
24) Chloroform-d	7.65	84	181400	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	102484	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.52%
29) Benzene-d6	8.27	84	385350	23.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.44%
33) 1,2-Dichloropropane-d6	9.27	67	117004	23.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.96%
37) Toluene-d8	10.32	98	348988	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.76%
38) trans-1,3-Dichloropropene-	10.57	79	49813	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.92	63	50125	52.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102536	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	112849	22.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.52%

Target Compounds

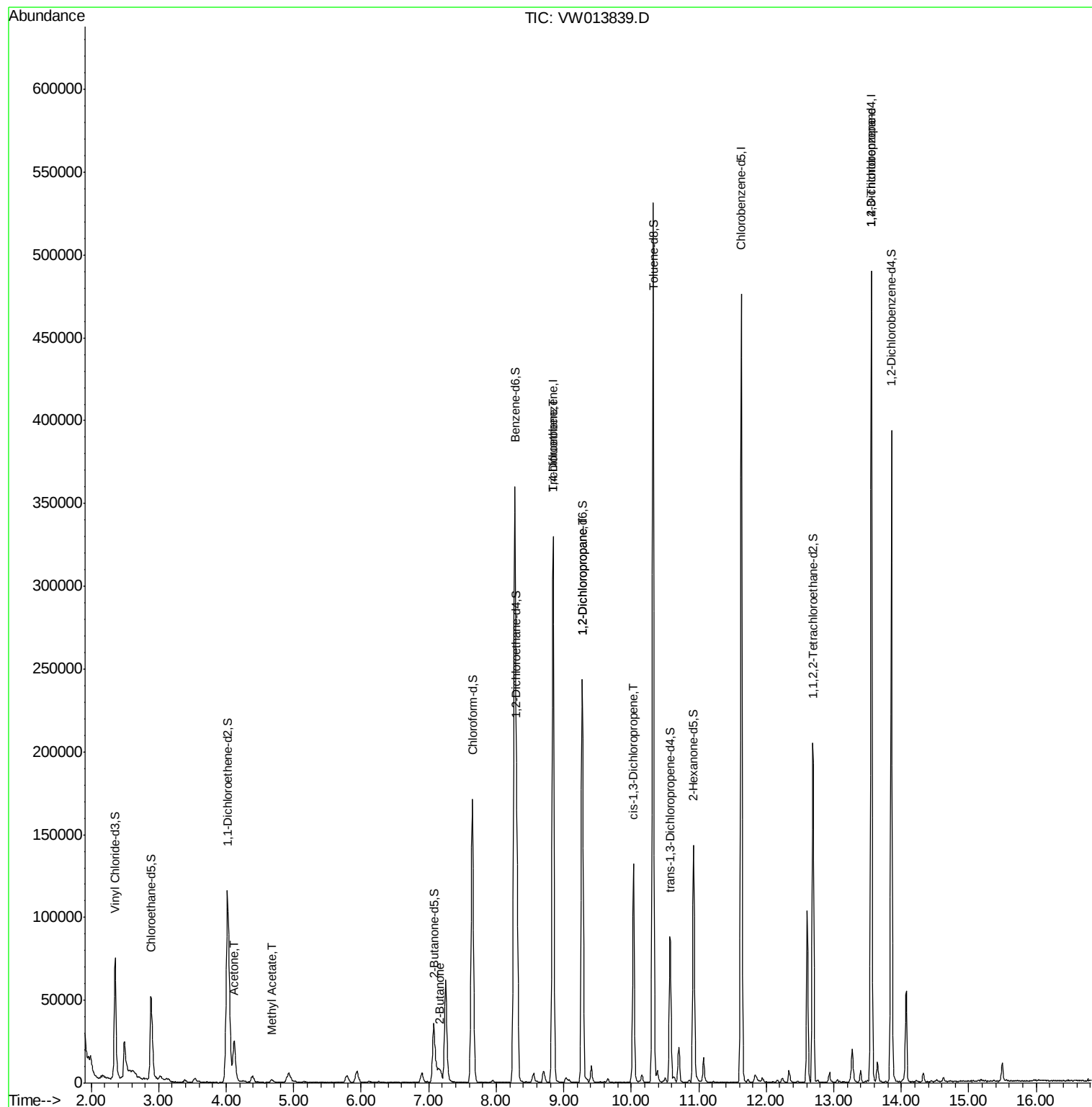
					Ovalue
13) Acetone	4.12	43	43117	30.501	ug/L 97
15) Methyl Acetate	4.67	43	3267	1.414	ug/L # 84
21) 2-Butanone	7.17	43	9140	5.092	ug/L 91
35) Trichloroethene	8.84	95	8684	1.700	ug/L # 2
40) 1,2-Dichloropropane	9.27	63	12372	2.541	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	2888	0.376	ug/L # 63
59) 1,2,3-Trichloropropane	13.55	75	13951	4.250	ug/L 97

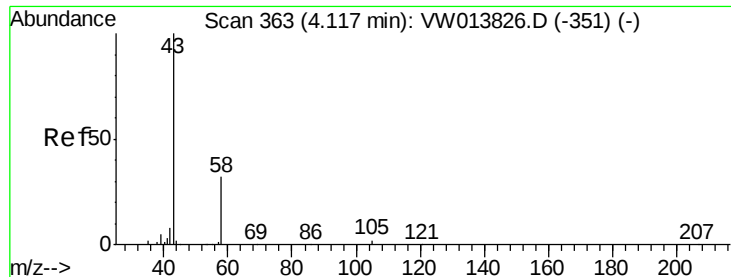
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 30.501 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013839.D

Acq: 30 Oct 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

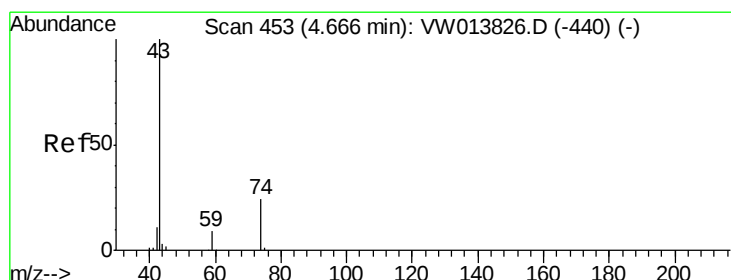
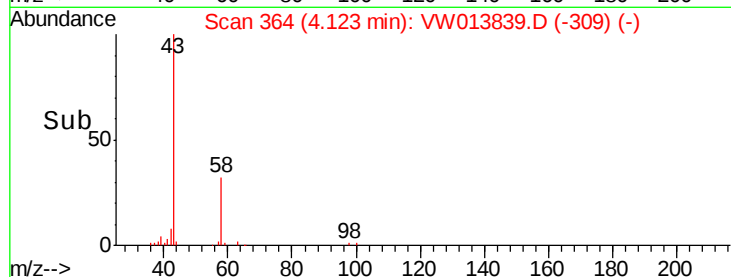
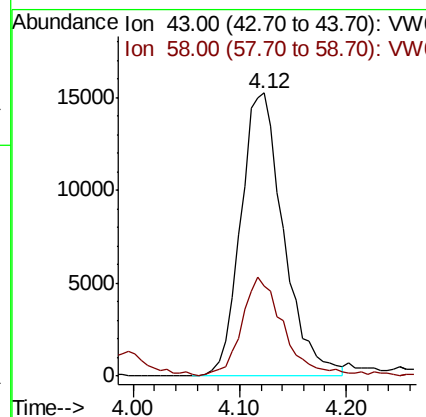
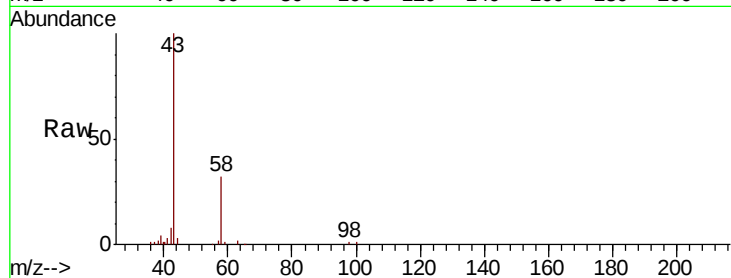
GAQA2

Tot Ion: 43 Resp: 43117

Ion Ratio Lower Upper

43 100

58 33.4 0.0 70.4



#15

Methyl Acetate

Concen: 1.414 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013839.D

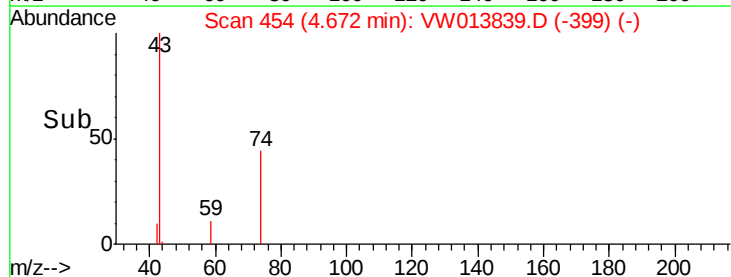
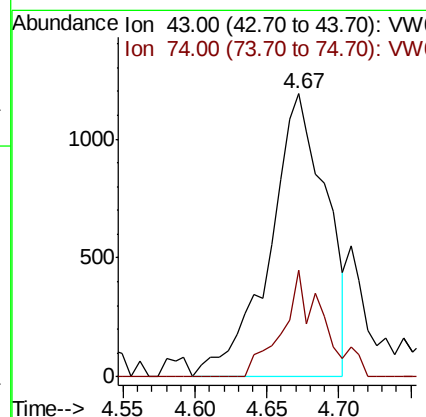
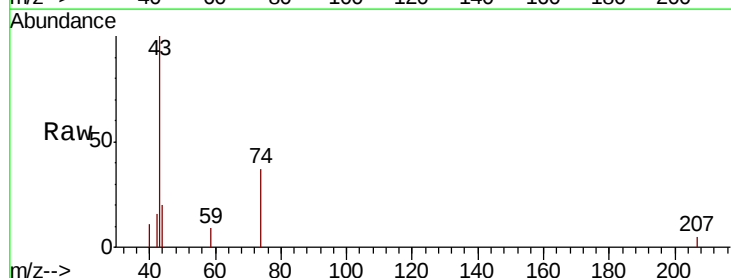
Acq: 30 Oct 2019 15:59

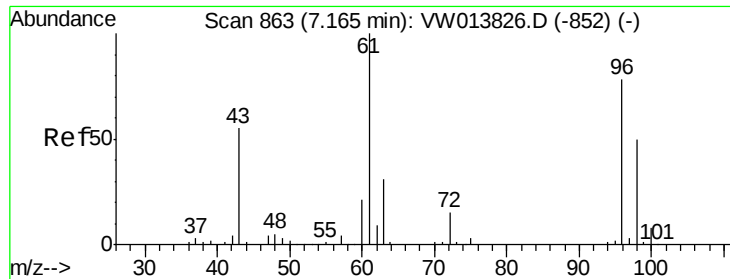
Tgt Ion: 43 Resp: 3267

Ion Ratio Lower Upper

43 100

74 15.9 19.2 28.8#





#21

2-Butanone

Concen: 5.092 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013839.D

Acq: 30 Oct 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

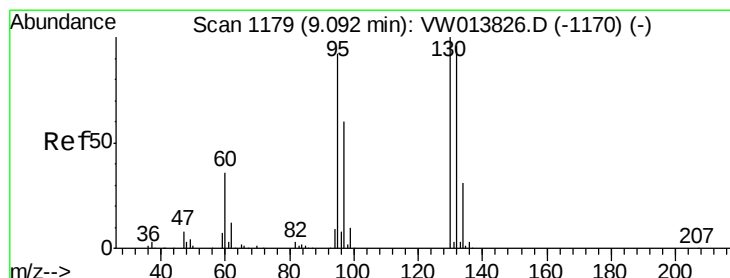
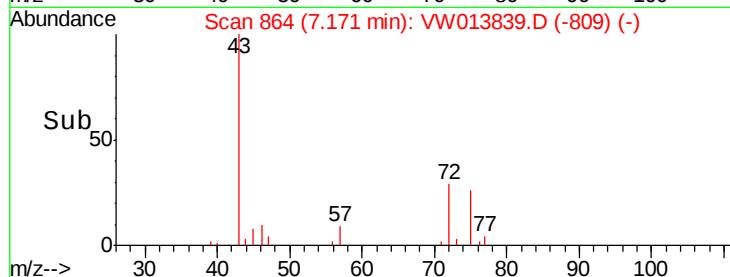
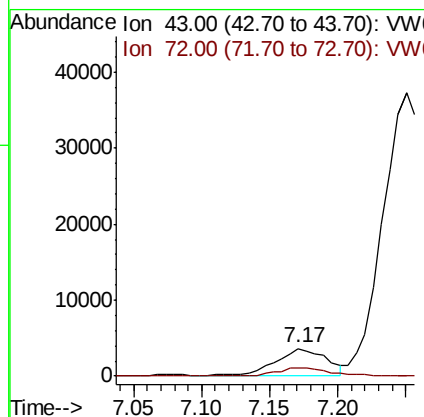
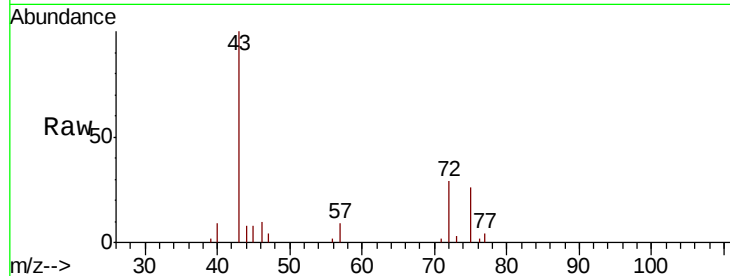
GAQA2

Tot Ion: 43 Resp: 9140

Ion Ratio Lower Upper

43 100

72 32.0 13.7 41.1



#35

Trichloroethene

Concen: 1.700 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013839.D

Acq: 30 Oct 2019 15:59

Tgt Ion: 95 Resp: 8684

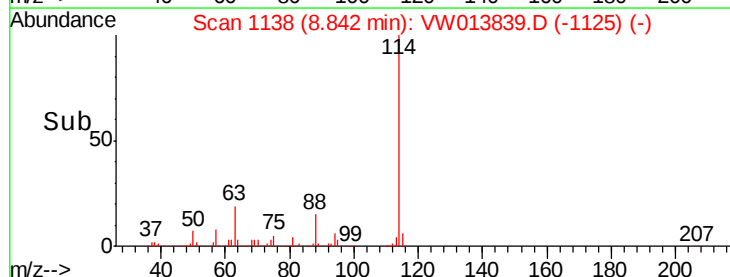
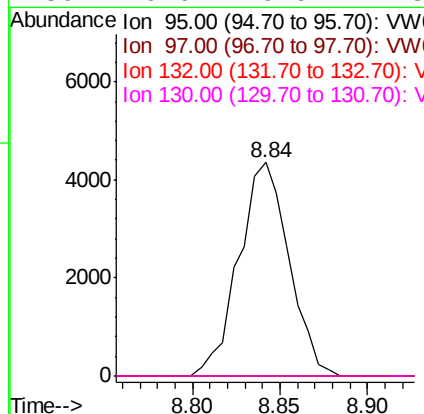
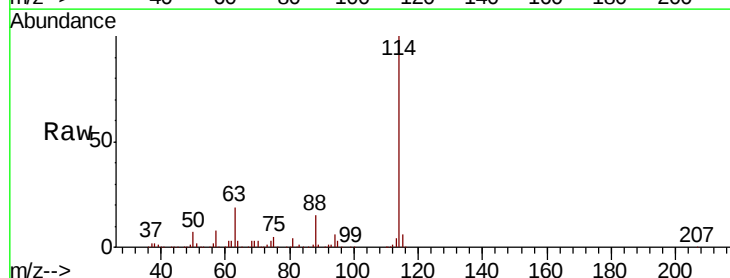
Ion Ratio Lower Upper

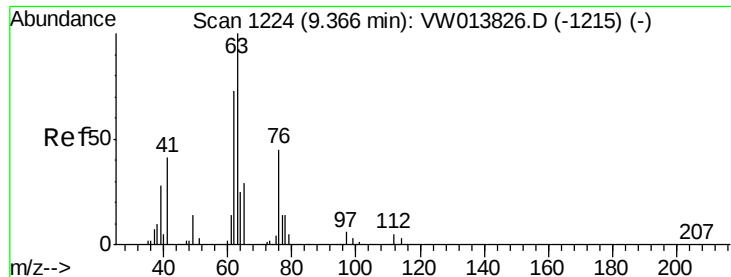
95 100

97 0.0 45.8 85.2#

132 1.2 74.3 138.1#

130 0.6 76.6 142.3#

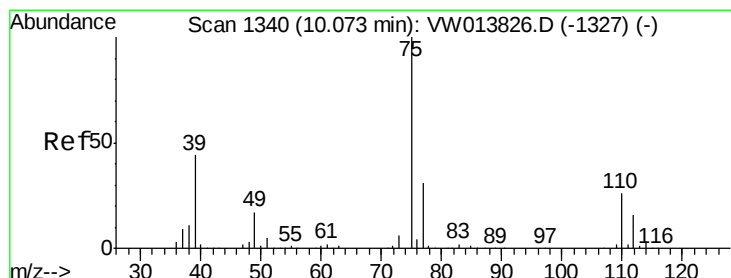
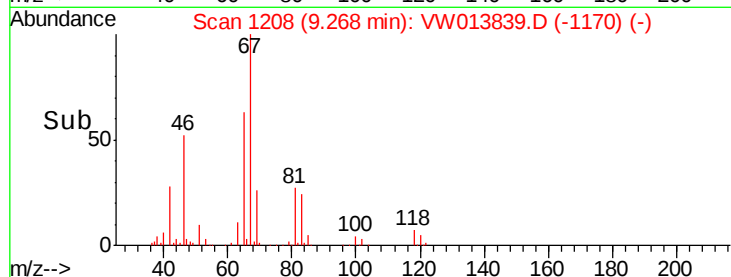
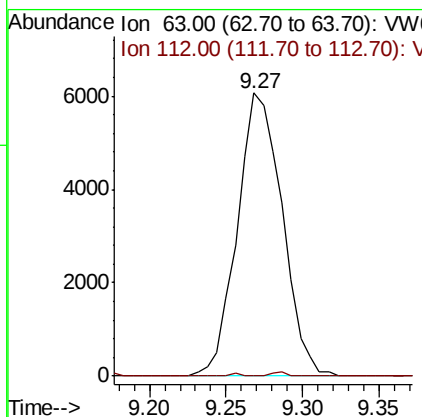
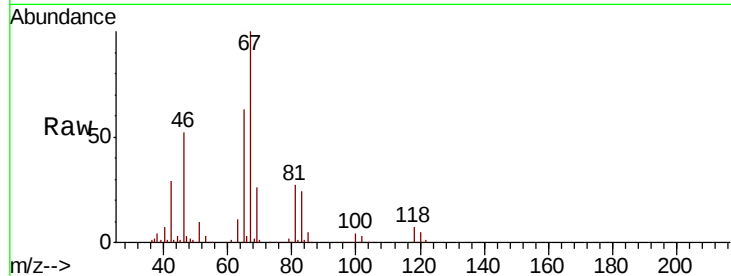




#40
 1,2-Dichloropropane
 Concen: 2.541 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW013839.D
 Acq: 30 Oct 2019 15:59

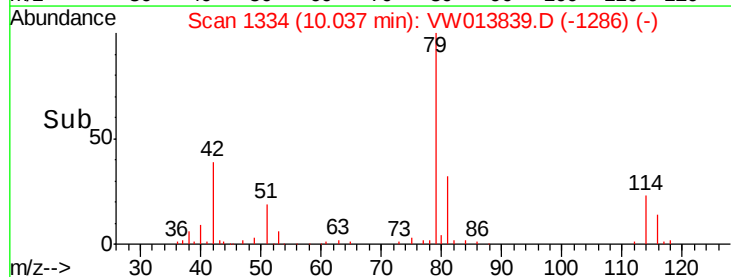
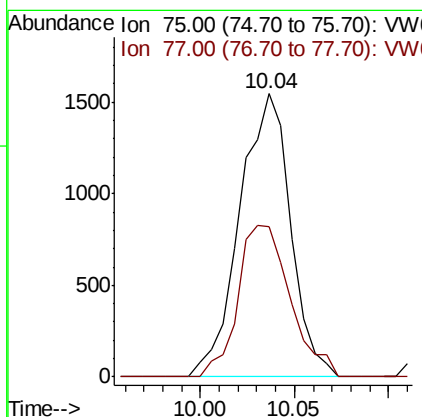
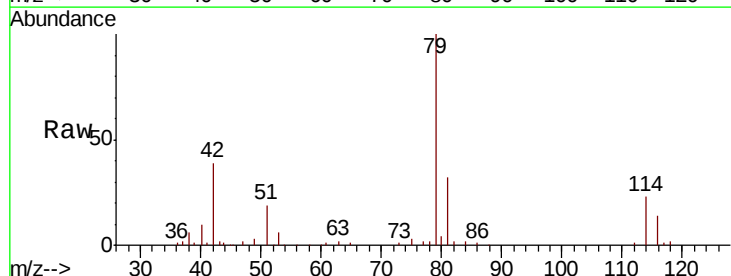
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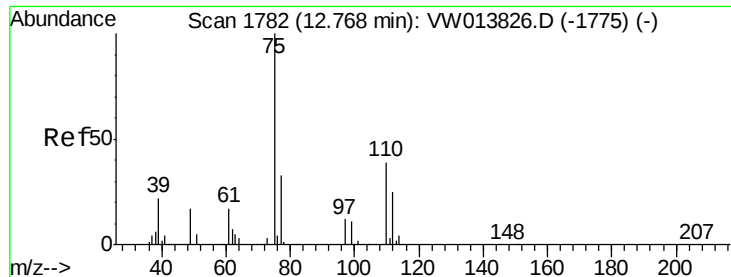
Tot Ion: 63 Resp: 12372
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.376 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW013839.D
 Acq: 30 Oct 2019 15:59

Tgt Ion: 75 Resp: 2888
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 4.250 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013839.D

Acq: 30 Oct 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

GAQA2

Tot Ion: 75 Resp: 13951

Ion Ratio Lower Upper

75 100

77 34.9 26.4 39.6

