

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009588.D
 Acq On : 30 Mar 2019 14:15
 Operator : SY/VA
 Sample : K2128-22
 Misc : 6.12G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF102

Quant Time: Mar 30 21:20:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	404842	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109636	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
7) Chloroethane-d5	2.89	69	113179	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.96%
10) 1,1-Dichloroethene-d2	4.01	63	173645	16.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.44%
20) 2-Butanone-d5	7.07	46	83783	41.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.76%
24) Chloroform-d	7.64	84	266797	24.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	8.30	65	165144	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.27	84	488510	22.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.40%
33) 1,2-Dichloropropane-d6	9.27	67	156837	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.60%
37) Toluene-d8	10.32	98	427542	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.56%
38) trans-1,3-Dichloropropene-	10.58	79	61870	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.88%
39) 2-Hexanone-d5	10.92	63	64276	40.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143622	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	163110	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds

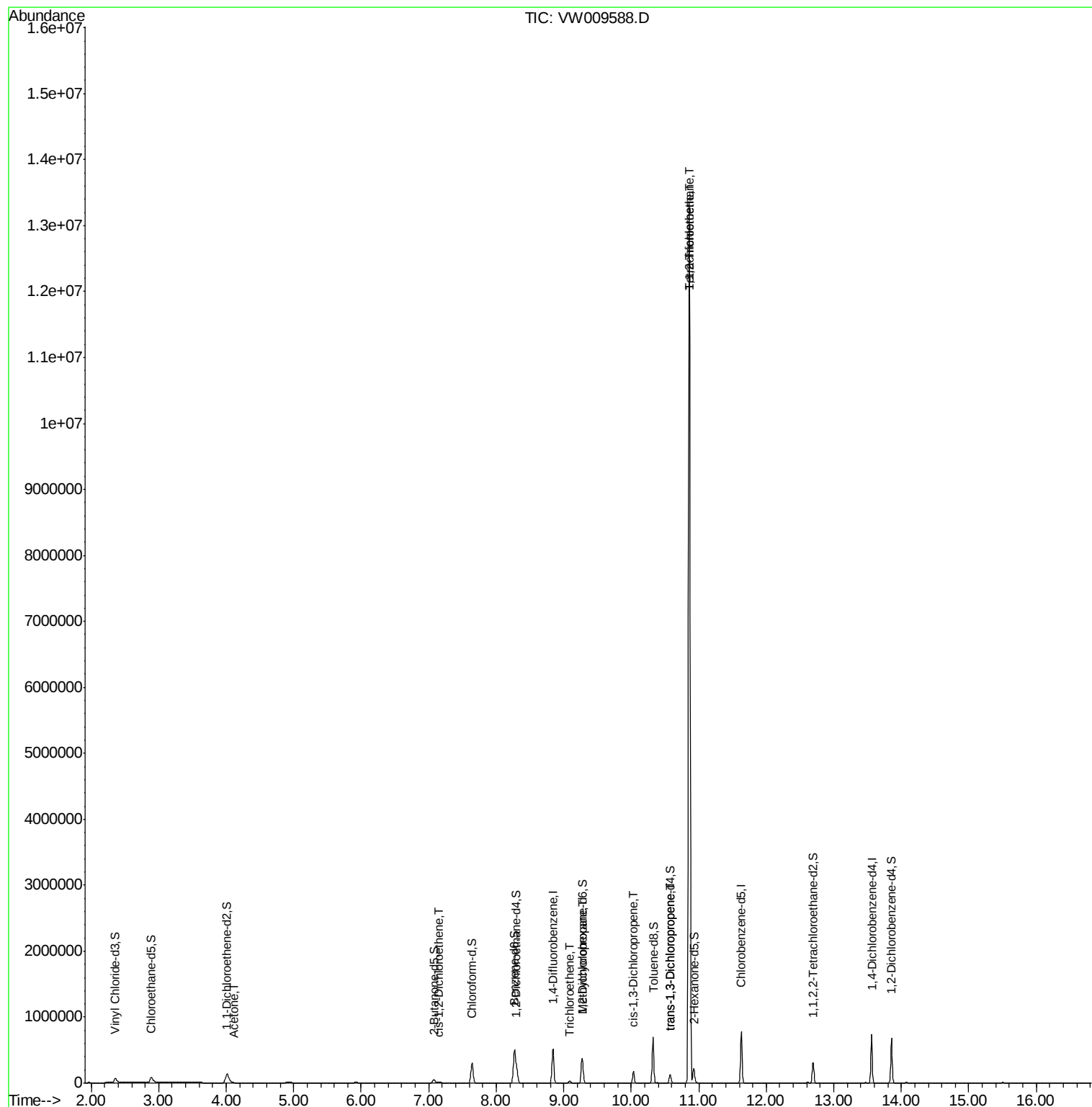
					Qvalue
13) Acetone	4.12	43	3003	1.830 ug/L	64
22) cis-1,2-Dichloroethene	7.16	96	6771	1.193 ug/L	87
35) Trichloroethene	9.09	95	9240	1.616 ug/L	97
36) Methylcyclohexane	9.27	83	39194	3.962 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4836	0.539 ug/L #	60
45) trans-1,3-Dichloropropene	10.58	75	3122	0.400 ug/L #	32
46) 1,1,2-Trichloroethane	10.86	97	25329	5.766 ug/L #	1
47) Tetrachloroethene	10.86	164	2580300	534.113 ug/L	97

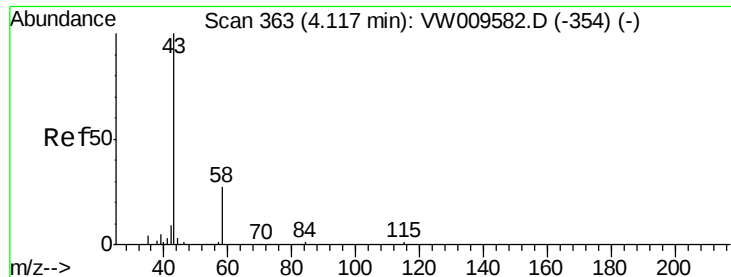
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.830 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009588.D

Acq: 30 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

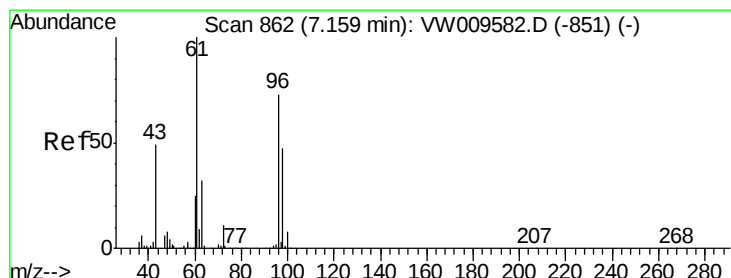
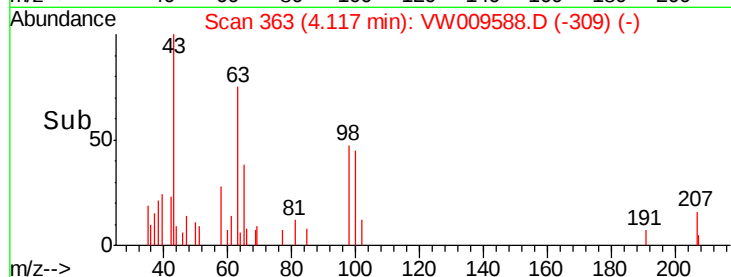
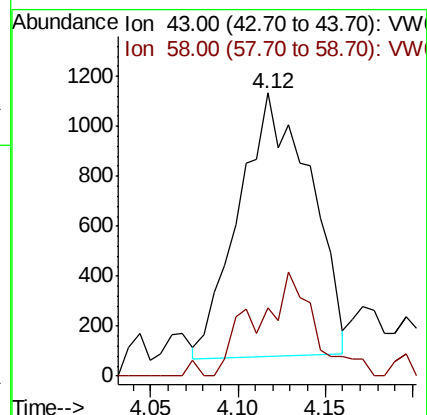
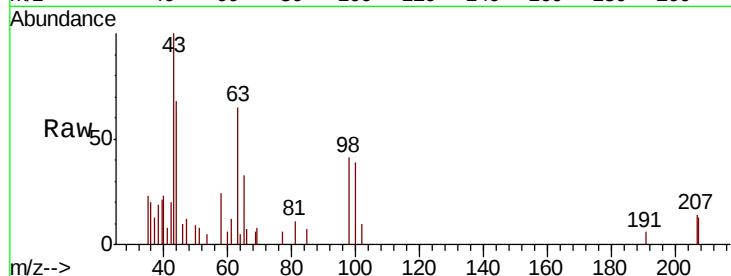
BF102

Tgt Ion: 43 Resp: 3003

Ion Ratio Lower Upper

43 100

58 9.2 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 1.193 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW009588.D

Acq: 30 Mar 2019 14:15

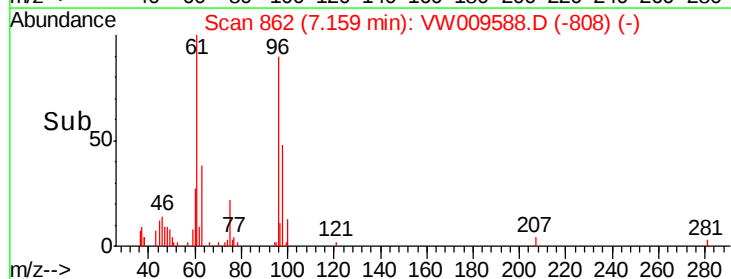
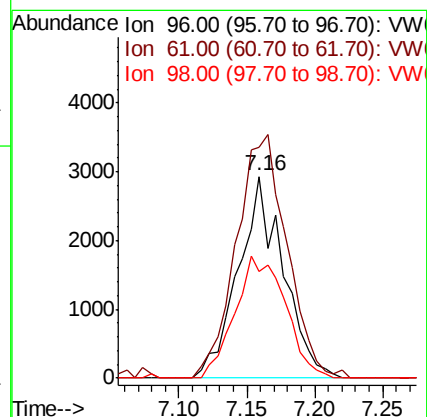
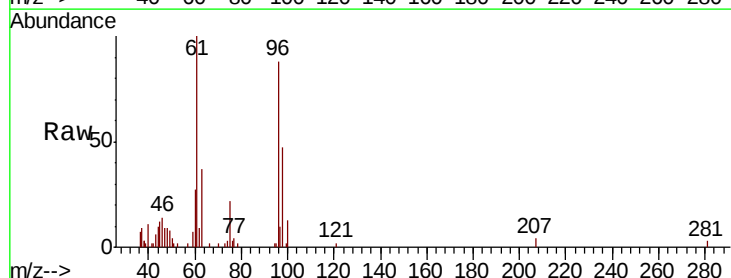
Tgt Ion: 96 Resp: 6771

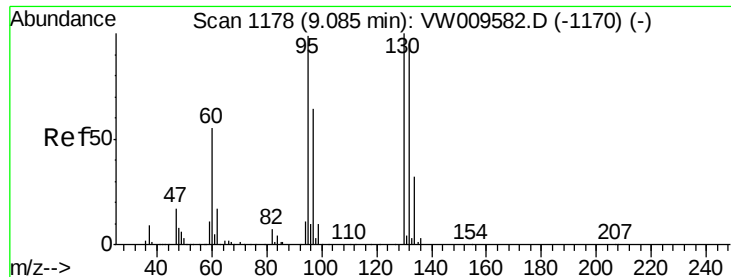
Ion Ratio Lower Upper

96 100

61 114.1 90.6 168.3

98 53.1 44.0 81.8

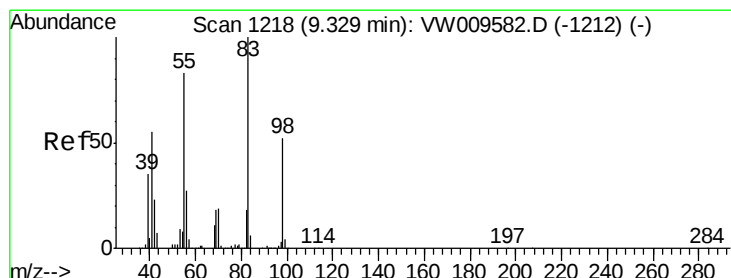
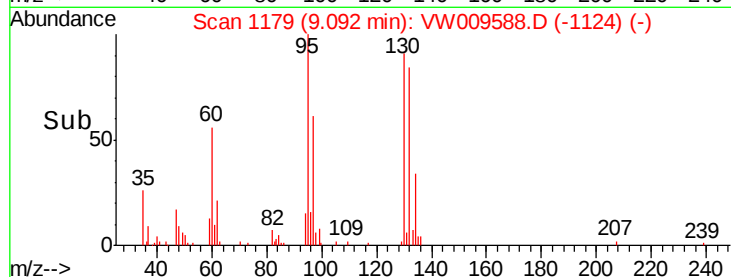
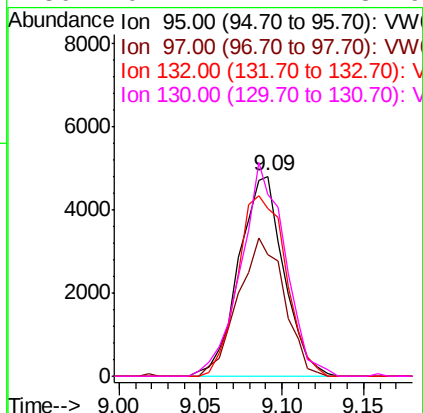
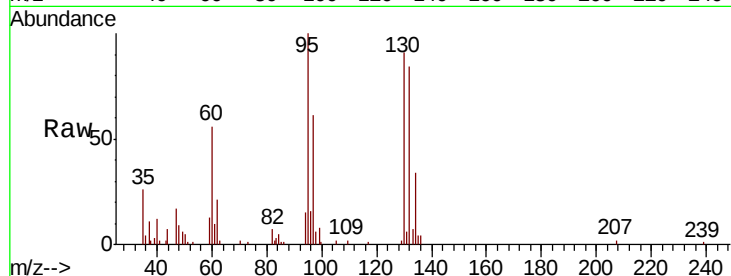




#35
 Trichloroethene
 Concen: 1.616 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009588.D
 Acq: 30 Mar 2019 14:15

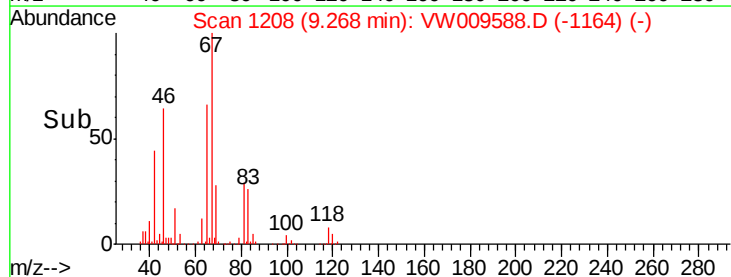
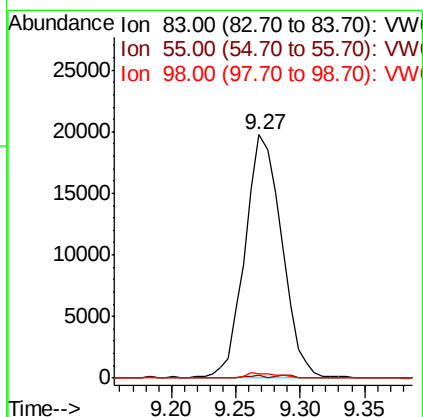
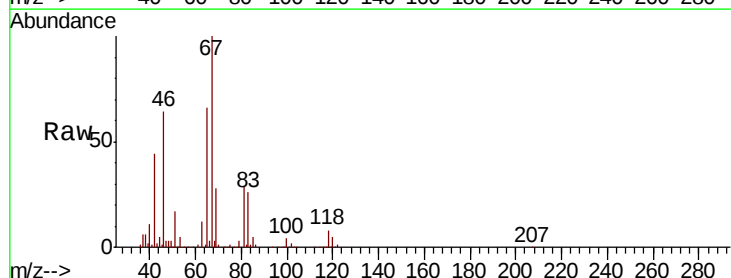
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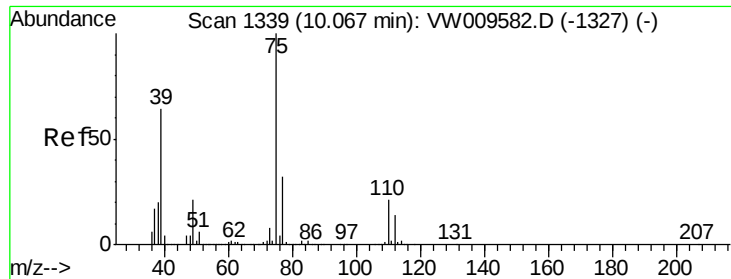
Tgt Ion: 95 Resp: 9240
 Ion Ratio Lower Upper
 95 100
 97 70.7 44.7 82.9
 132 96.8 69.0 128.2
 130 104.7 72.7 134.9



#36
 Methylcyclohexane
 Concen: 3.962 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.06 min
 Lab File: VW009588.D
 Acq: 30 Mar 2019 14:15

Tgt Ion: 83 Resp: 39194
 Ion Ratio Lower Upper
 83 100
 55 0.5 63.5 95.3#
 98 1.8 39.8 59.8#

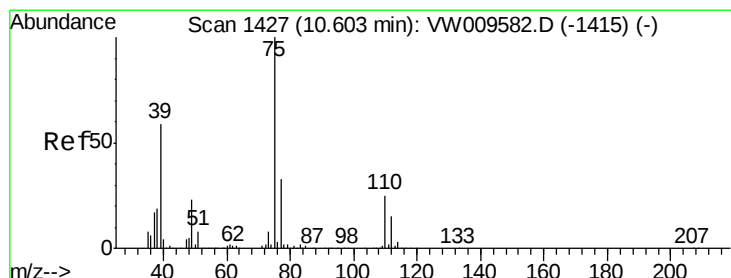
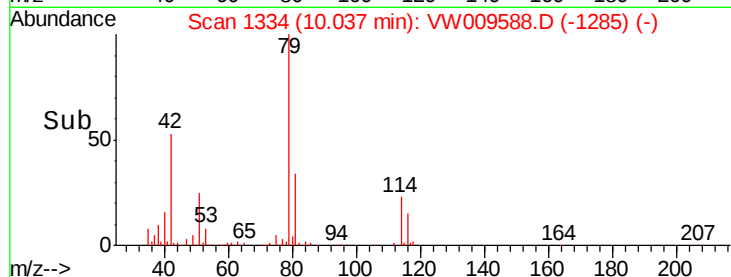
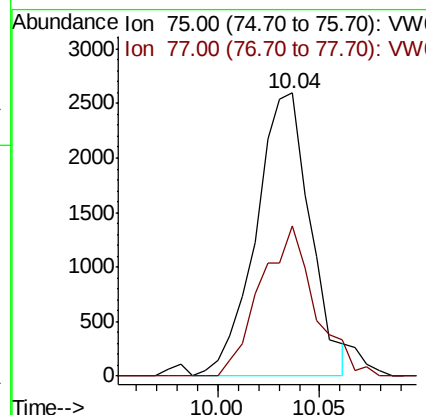
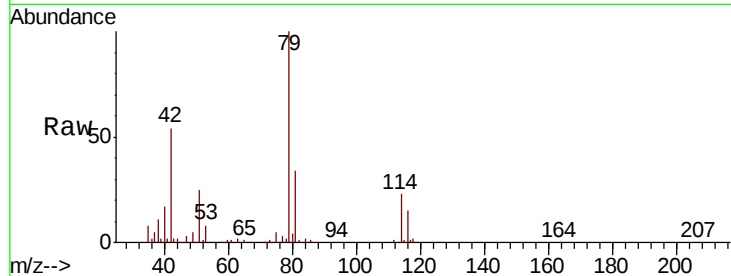




#42
 cis-1,3-Dichloropropene
 Concen: 0.539 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW009588.D
 Acq: 30 Mar 2019 14:15

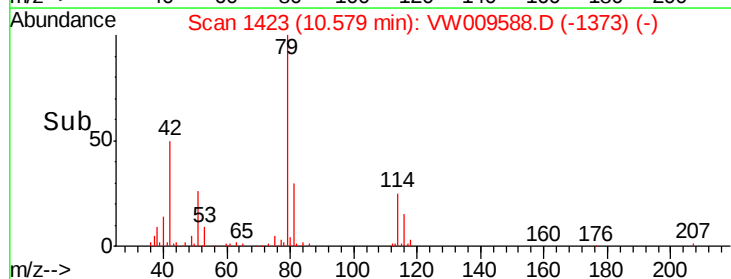
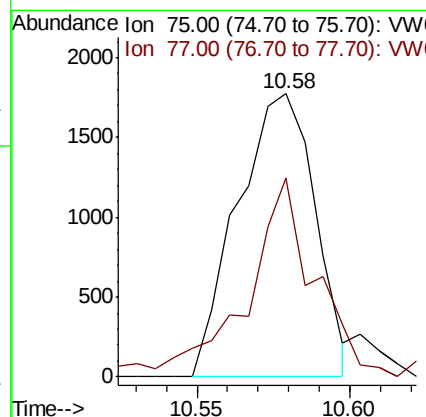
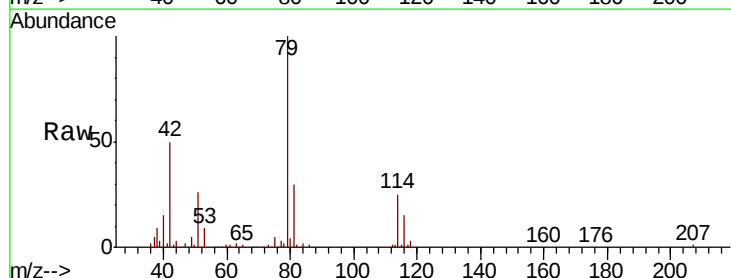
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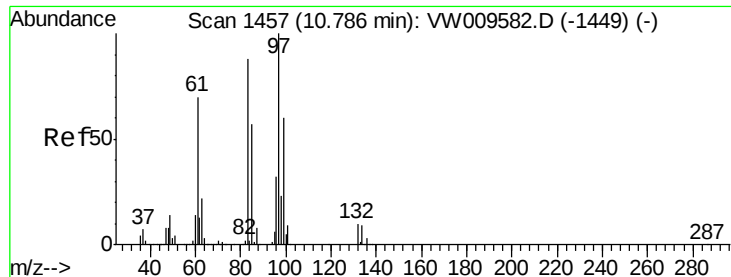
Tgt Ion: 75 Resp: 4836
 Ion Ratio Lower Upper
 75 100
 77 53.1 21.6 40.2#



#45
 trans-1,3-Dichloropropene
 Concen: 0.400 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW009588.D
 Acq: 30 Mar 2019 14:15

Tgt Ion: 75 Resp: 3122
 Ion Ratio Lower Upper
 75 100
 77 70.2 22.5 41.7#

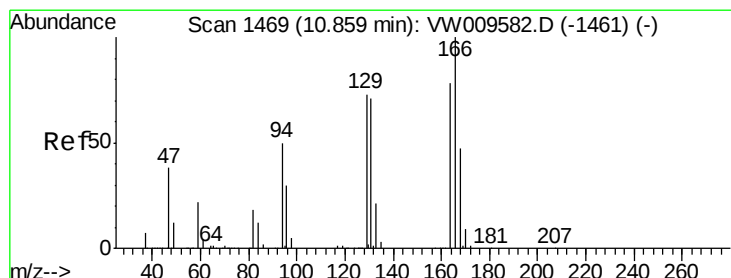
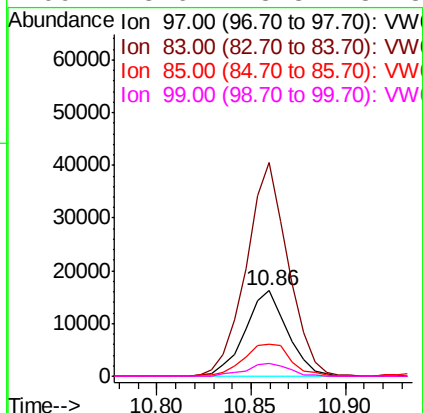
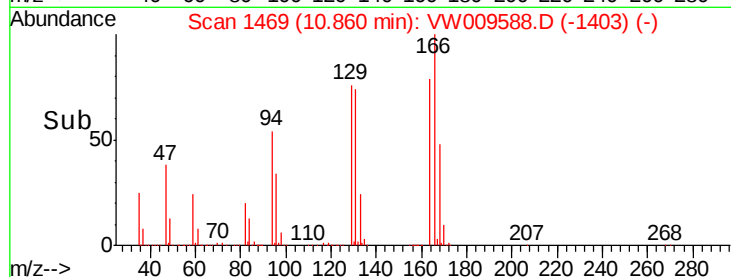
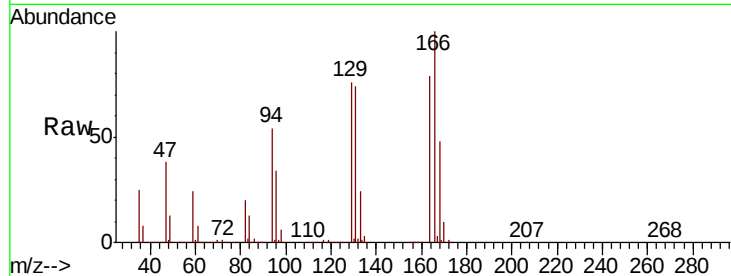




#46
1,1,2-Trichloroethane
Concen: 5.766 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.07 min
Lab File: VW009588.D
Acq: 30 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampled :
BF102

Tgt Ion: 97 Resp: 25329
Ion Ratio Lower Upper
97 100
83 250.7 60.7 112.7#
85 37.9 40.1 74.5#
99 15.6 43.8 81.3#



#47
Tetrachloroethene
Concen: 534.113 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009588.D
Acq: 30 Mar 2019 14:15

Tgt Ion: 164 Resp: 2580300
Ion Ratio Lower Upper
164 100
129 96.2 66.5 123.5
131 93.4 62.6 116.3
166 125.9 91.6 170.0

