

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
 Data File : VV007347.D
 Acq On : 04 Sep 2018 23:41
 Operator : SY/MD
 Sample : J4695-02
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE43

Quant Time: Sep 05 01:28:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:26:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	498621	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	469601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166197	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.34%
7) Chloroethane-d5	1.57	69	130633	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.98%
11) 1,1-Dichloroethene-d2	2.13	63	227418	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.50%
21) 2-Butanone-d5	3.96	46	289381	99.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.89%
24) Chloroform-d	4.41	84	351126	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.09	65	221971	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
32) Benzene-d6	5.11	84	710166	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.12	67	238104	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.37	98	550933	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.67	79	92830	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.14	63	190015	102.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	315198	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	215387	53.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.12%

Target Compounds

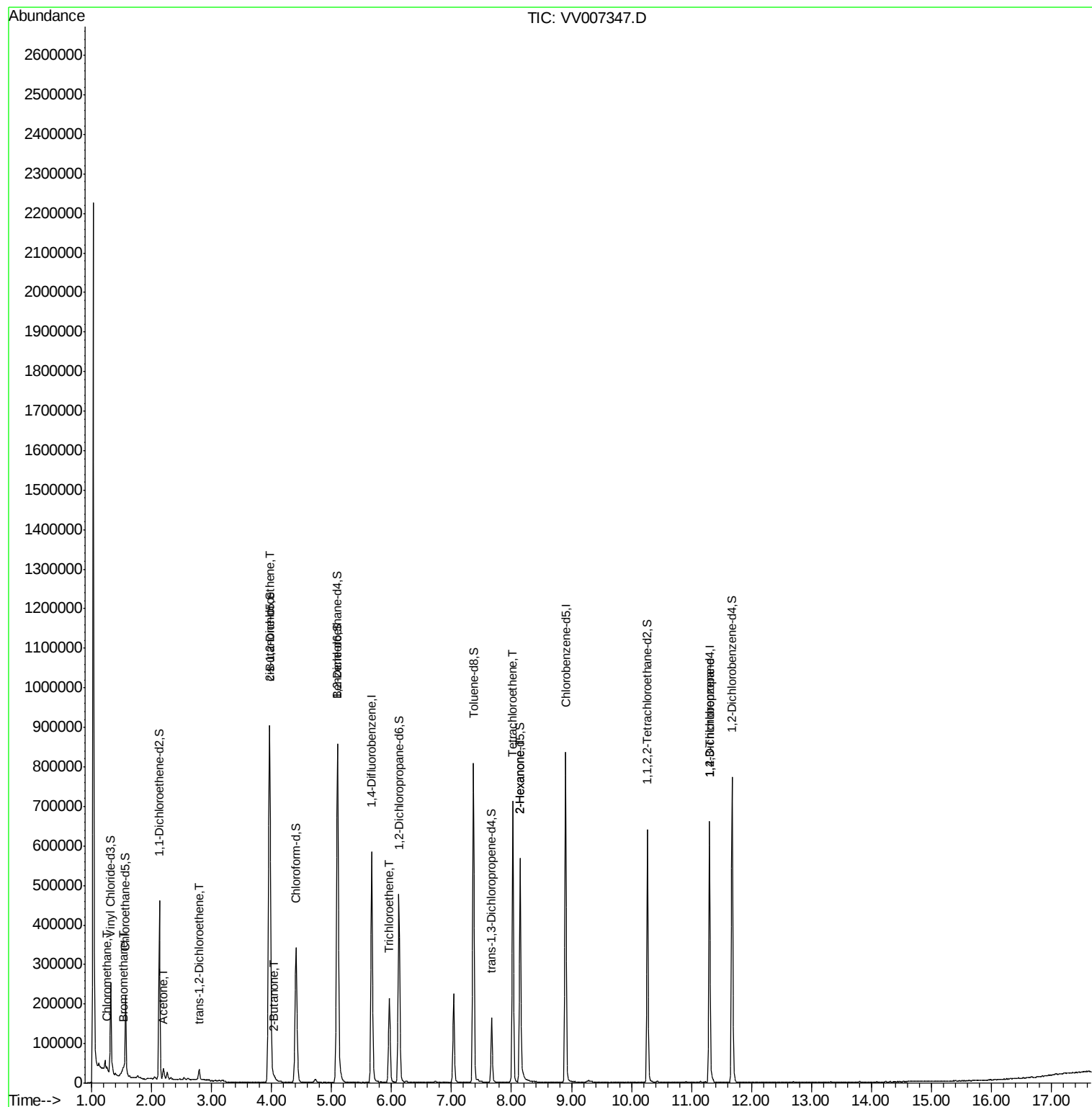
					Qvalue
3) Chloromethane	1.26	50	9810	2.337 ug/L	93
6) Bromomethane	1.53	94	2751	1.341 ug/L	96
13) Acetone	2.20	43	23453	13.595 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	10677	3.104 ug/L	94
20) cis-1,2-Dichloroethene	3.97	96	429593	108.519 ug/L	99
22) 2-Butanone	4.05	43	7690	2.662 ug/L	75
34) Trichloroethene	5.96	95	72641	19.810 ug/L	98
46) Tetrachloroethene	8.02	164	166748	56.552 ug/L	98
48) 2-Hexanone	8.14	43	22158	5.958 ug/L #	69
59) 1,2,3-Trichloropropane	11.30	75	21756	4.431 ug/L	96

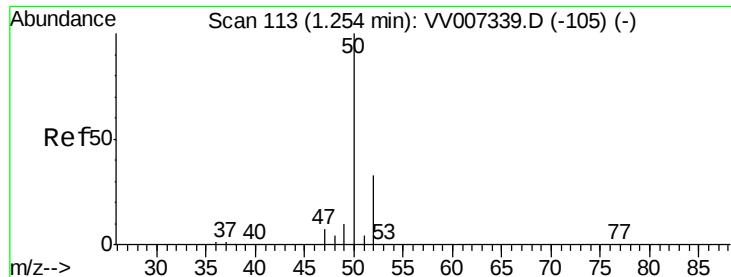
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:26:02 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.337 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV007347.D

Acq: 04 Sep 2018 23:41

Instrument :

MSVOA_V

ClientSampleId :

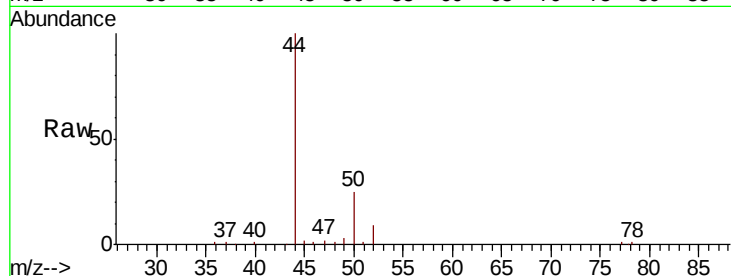
BEE43

Tgt Ion: 50 Resp: 9810

Ion Ratio Lower Upper

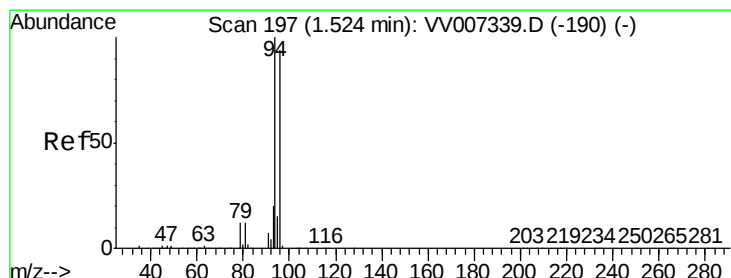
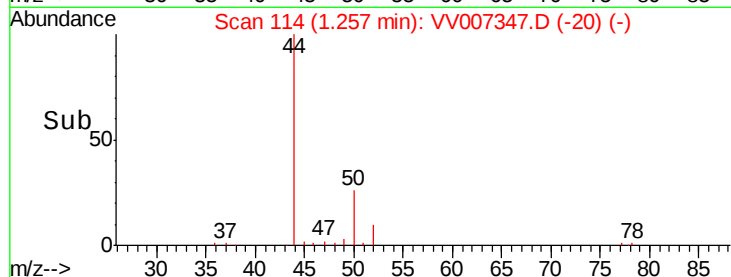
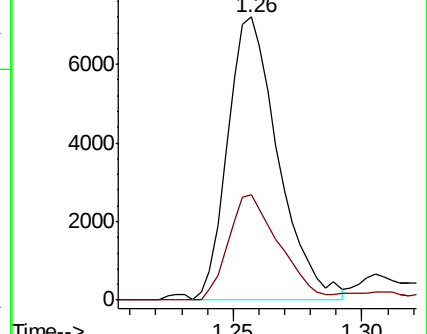
50 100

52 37.2 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#6

Bromomethane

Concen: 1.341 ug/L

RT: 1.53 min Scan# 198

Delta R.T. 0.00 min

Lab File: VV007347.D

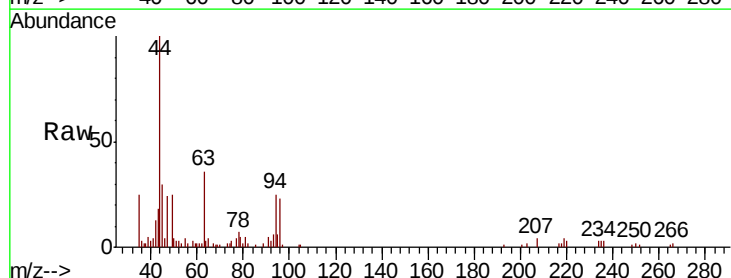
Acq: 04 Sep 2018 23:41

Tgt Ion: 94 Resp: 2751

Ion Ratio Lower Upper

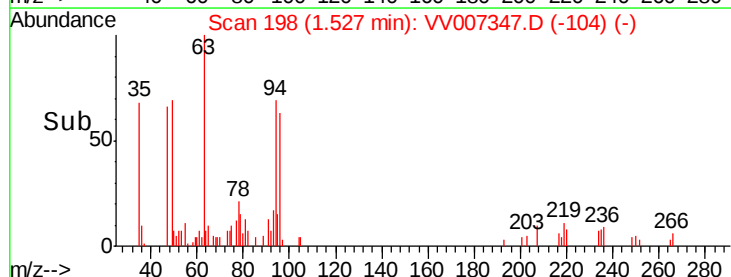
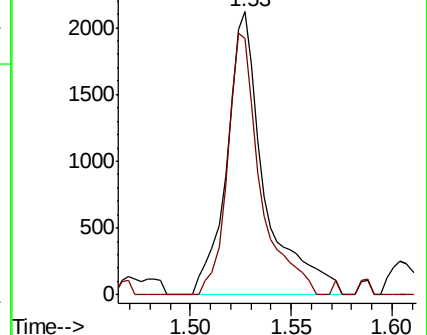
94 100

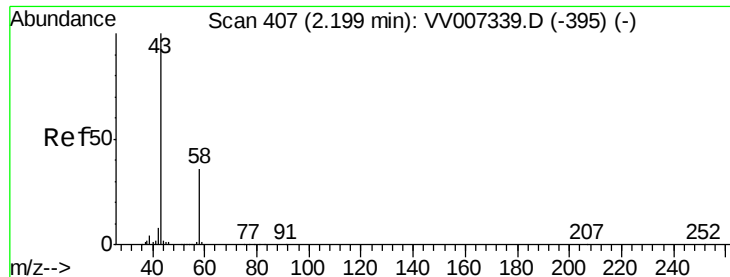
96 90.7 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#13

Acetone

Concen: 13.595 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV007347.D

Acq: 04 Sep 2018 23:41

Instrument :

MSVOA_V

ClientSampleId :

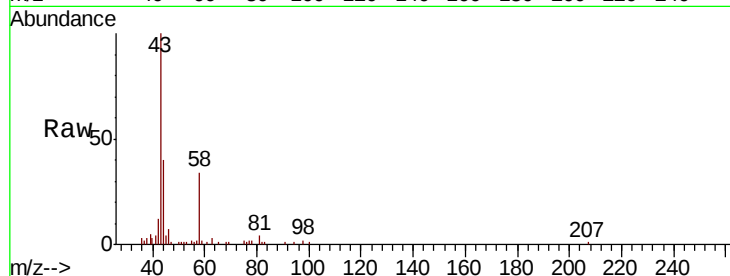
BEE43

Tgt Ion: 43 Resp: 23453

Ion Ratio Lower Upper

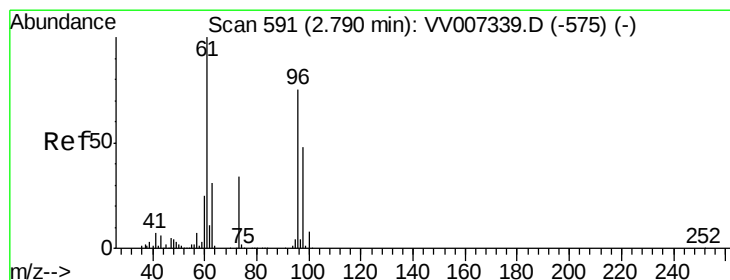
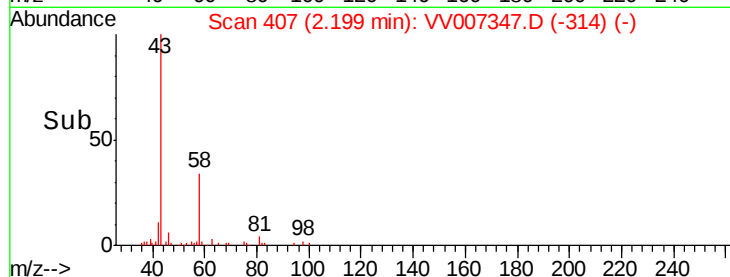
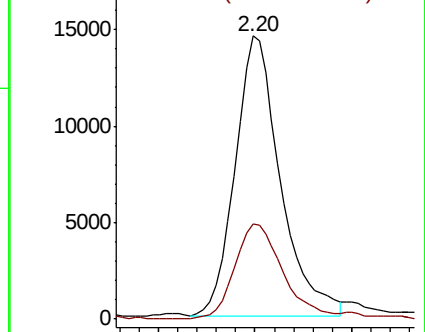
43 100

58 36.5 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007339.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VV007339.D (-395) (-)



#17

trans-1,2-Dichloroethene

Concen: 3.104 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV007347.D

Acq: 04 Sep 2018 23:41

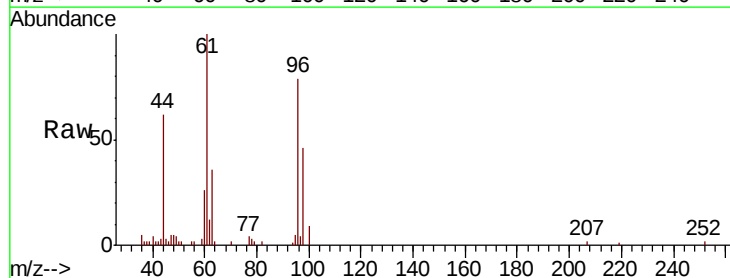
Tgt Ion: 96 Resp: 10677

Ion Ratio Lower Upper

96 100

61 127.1 93.1 172.9

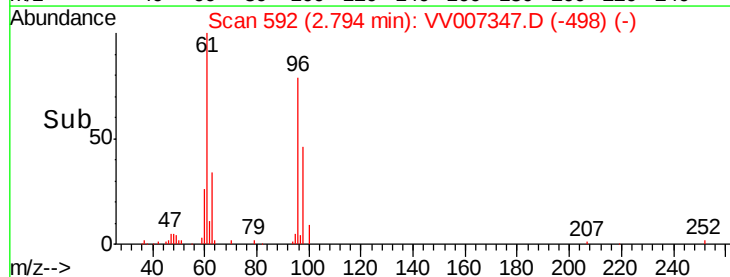
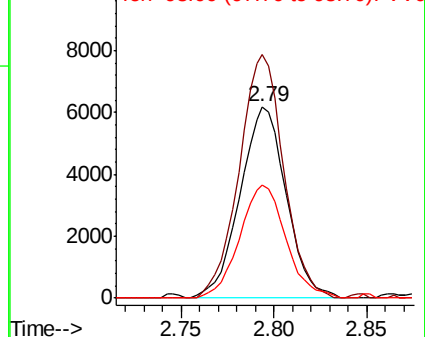
98 58.9 44.9 83.5

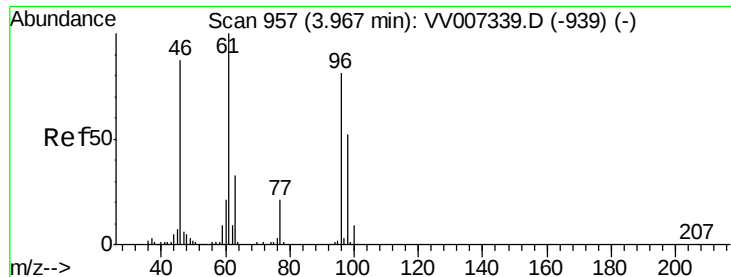


Abundance Ion 96.00 (95.70 to 96.70): VV007339.D (-575) (-)

Ion 61.00 (60.70 to 61.70): VV007339.D (-575) (-)

Ion 98.00 (97.70 to 98.70): VV007339.D (-575) (-)



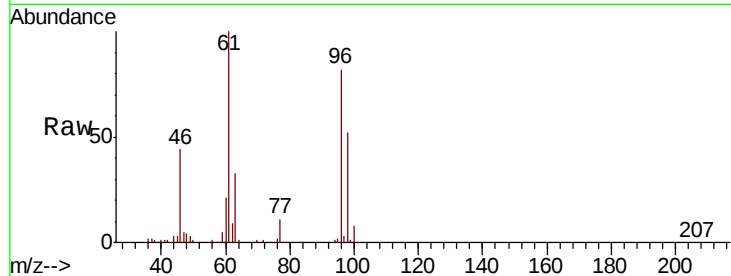


#20

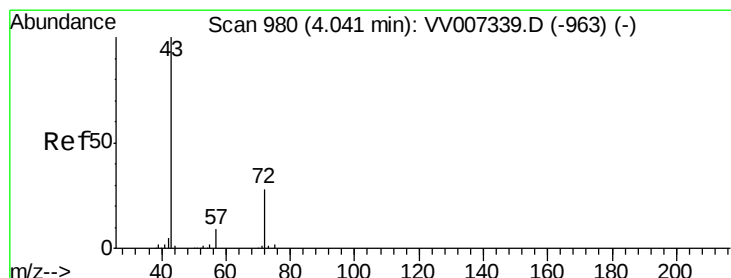
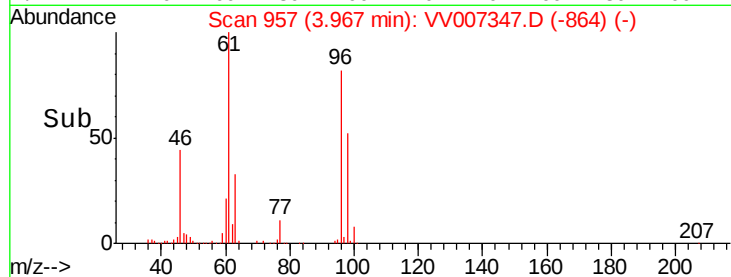
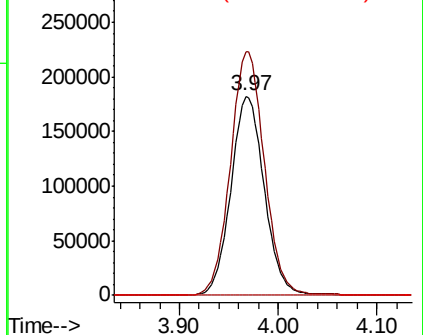
cis-1,2-Dichloroethene
Concen: 108.519 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV007347.D
Acq: 04 Sep 2018 23:41

Instrument :
MSVOA_V
ClientSampleId :
BEE43

Tgt Ion: 96 Resp: 429593
Ion Ratio Lower Upper
96 100
61 122.4 86.8 161.2
68 0.0 0.0 0.0



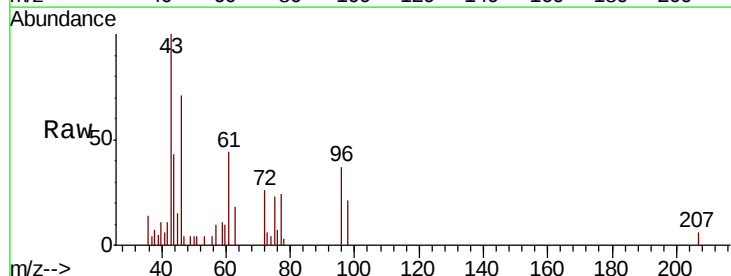
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



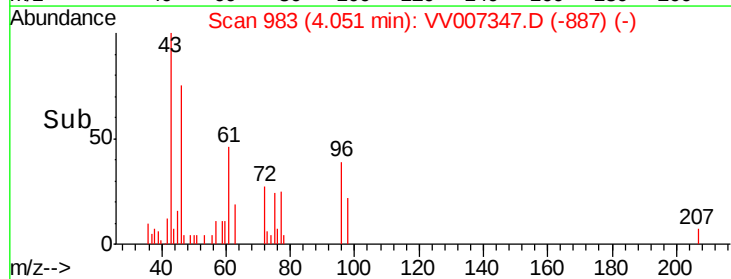
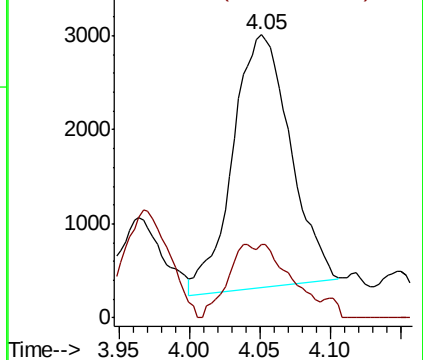
#22

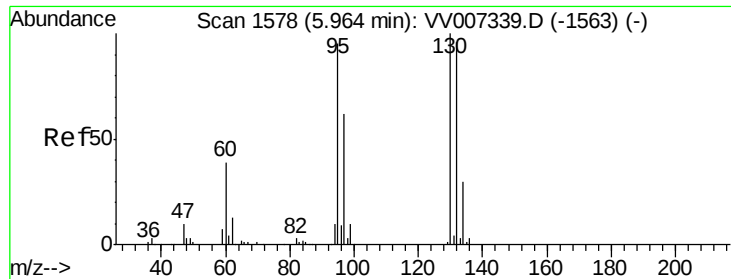
2-Butanone
Concen: 2.662 ug/L
RT: 4.05 min Scan# 983
Delta R.T. 0.01 min
Lab File: VV007347.D
Acq: 04 Sep 2018 23:41

Tgt Ion: 43 Resp: 7690
Ion Ratio Lower Upper
43 100
72 14.7 13.8 41.3



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0

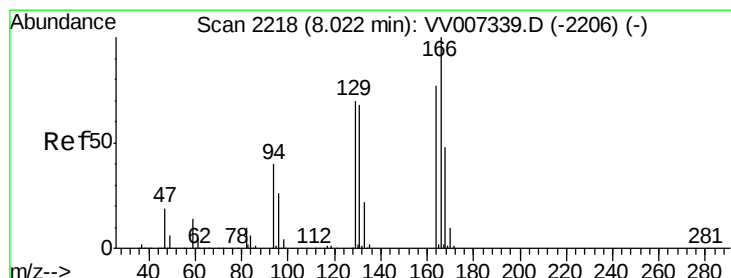
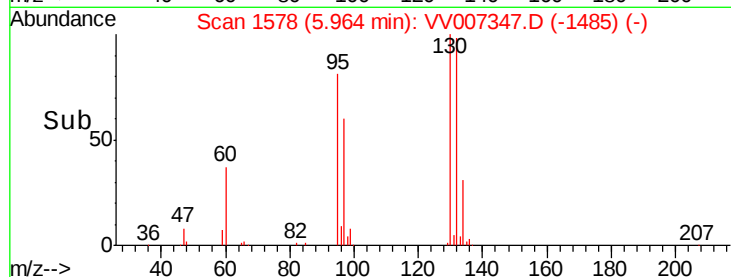
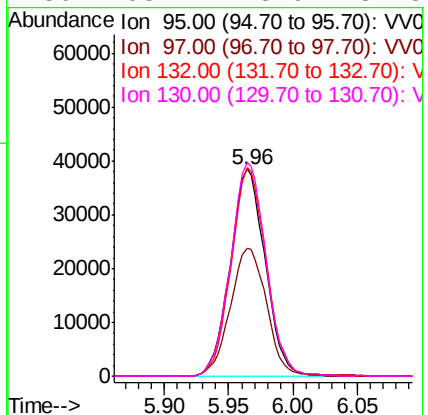
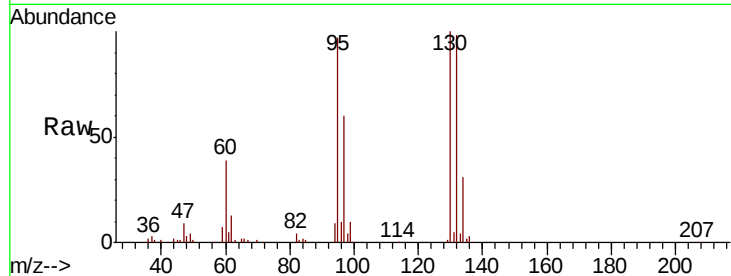




#34
 Trichloroethene
 Concen: 19.810 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007347.D
 Acq: 04 Sep 2018 23:41

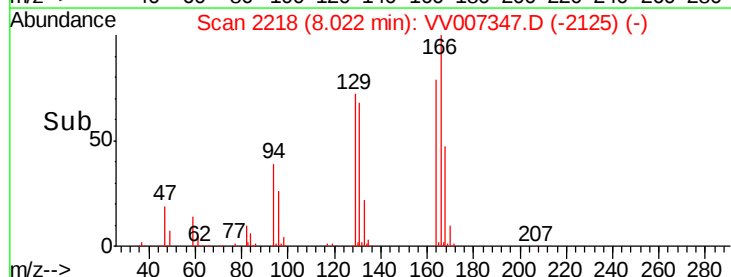
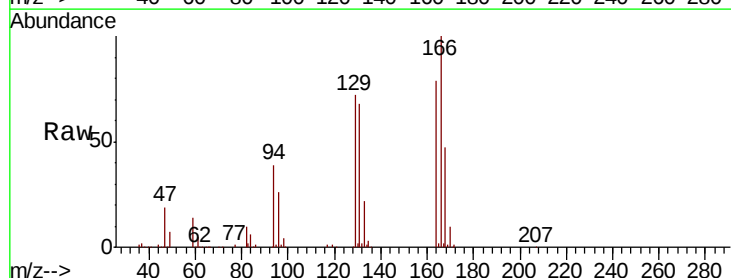
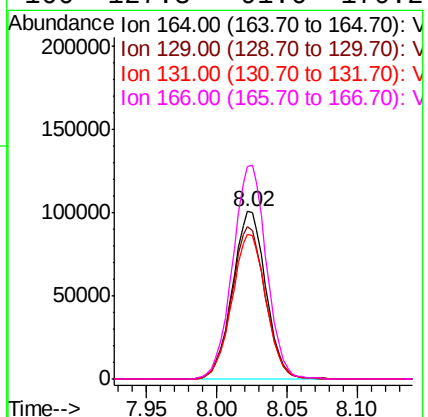
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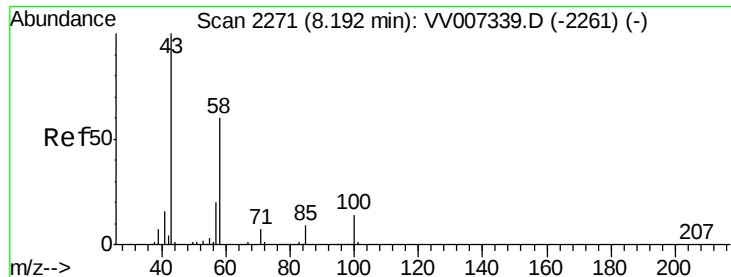
Tgt Ion: 95 Resp: 72641
 Ion Ratio Lower Upper
 95 100
 97 62.1 46.1 85.7
 132 100.7 70.8 131.6
 130 103.2 73.9 137.3



#46
 Tetrachloroethene
 Concen: 56.552 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV007347.D
 Acq: 04 Sep 2018 23:41

Tgt Ion: 164 Resp: 166748
 Ion Ratio Lower Upper
 164 100
 129 91.4 63.9 118.7
 131 86.9 62.6 116.2
 166 127.3 91.6 170.2

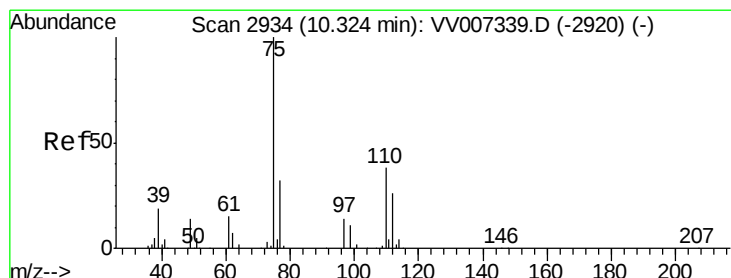
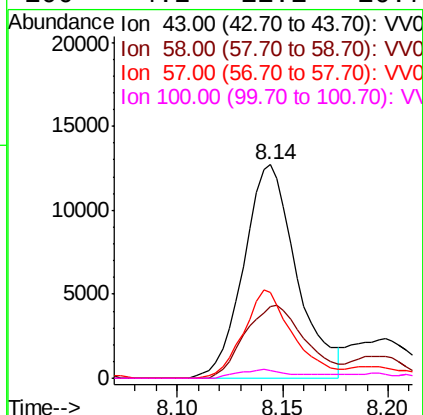
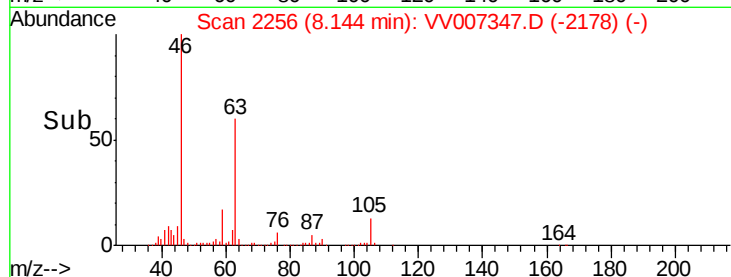
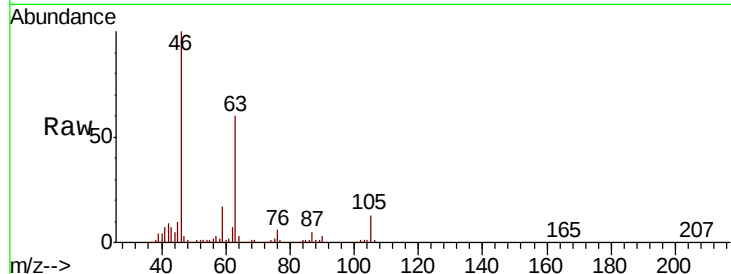




#48
 2-Hexanone
 Concen: 5.958 ug/L
 RT: 8.14 min Scan# 2256
 Delta R.T. -0.05 min
 Lab File: VV007347.D
 Acq: 04 Sep 2018 23:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE43

Tgt Ion: 43 Resp: 22158
 Ion Ratio Lower Upper
 43 100
 58 38.8 48.6 72.8#
 57 39.1 16.2 24.2#
 100 4.2 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.431 ug/L
 RT: 11.30 min Scan# 3237
 Delta R.T. 0.97 min
 Lab File: VV007347.D
 Acq: 04 Sep 2018 23:41

Tgt Ion: 75 Resp: 21756
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3

