

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007427.D
 Acq On : 06 Sep 2018 18:17
 Operator : SY/MD
 Sample : J4719-07
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE3

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:12:41 PM

Quant Time: Sep 07 02:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	545331	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	532475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	204890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	169521	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.56	69	129126m	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.13	63	220652	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	3.96	46	218115	68.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.84%
24) Chloroform-d	4.41	84	327667	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.34%
26) 1,2-Dichloroethane-d4	5.09	65	206960	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
32) Benzene-d6	5.10	84	655575	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.12	67	221033	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.20%
41) Toluene-d8	7.36	98	541636	39.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.42%#
43) trans-1,3-Dichloropropene-	7.67	79	87339	38.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.26%
47) 2-Hexanone-d5	8.14	63	141378	67.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	297861	40.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.10%
64) 1,2-Dichlorobenzene-d4	11.68	152	201547	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%

Target Compounds

					Ovalue
3) Chloromethane	1.26	50	95133	20.72	ug/L 100
6) Bromomethane	1.51	94	10903	4.86	ug/L 97
13) Acetone	2.20	43	76772	40.69	ug/L 99
14) Carbon disulfide	2.31	76	110973	11.36	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	32914	7.60	ug/L 99
22) 2-Butanone	4.04	43	29646	9.38	ug/L 97
33) Benzene	5.15	78	125882	7.39	ug/L 100
34) Trichloroethene	5.96	95	13054	3.14	ug/L 97
46) Tetrachloroethene	8.02	164	18606	5.57	ug/L 95

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

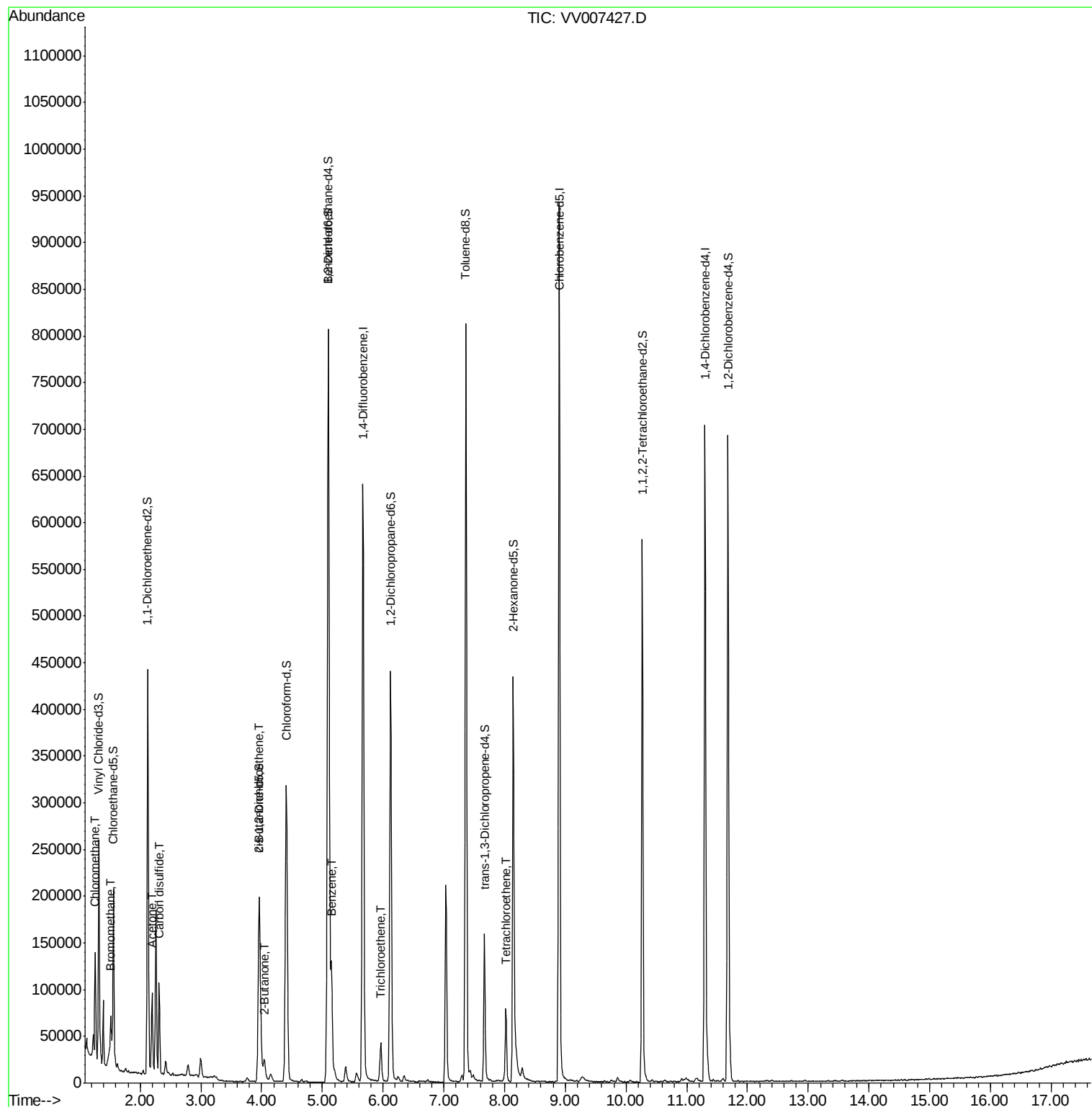
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV090618\
Data File : VV007427.D
Acq On : 06 Sep 2018 18:17
Operator : SY/MD
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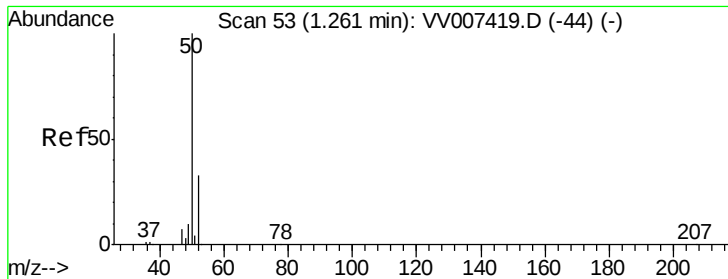
Instrument :
MSVOA_V
ClientSampleId :
BEGE3

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Quant Time: Sep 07 02:10:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 01:29:25 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 20.72 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV007427.D

Acq: 06 Sep 2018 18:17

Instrument :

MSVOA_V

ClientSampleId :

BEGE3

Tot Ion: 50 Resp: 95133

Ion Ratio Lower Upper

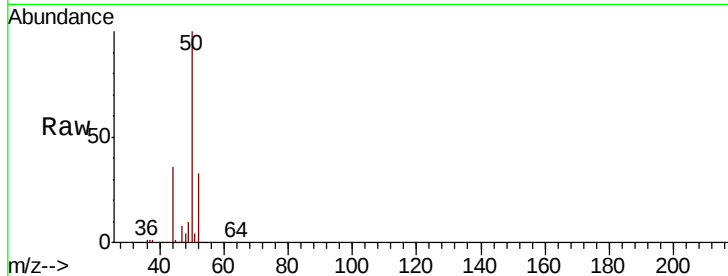
50 100

52 33.2 23.2 43.2

Manual Integrations
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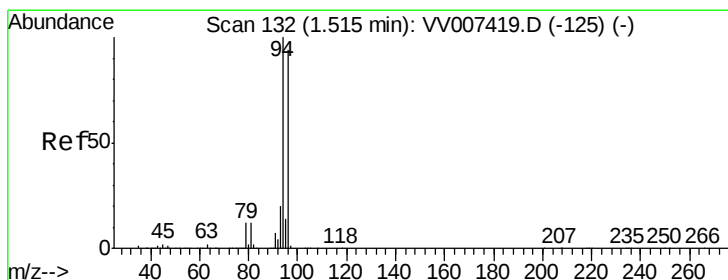
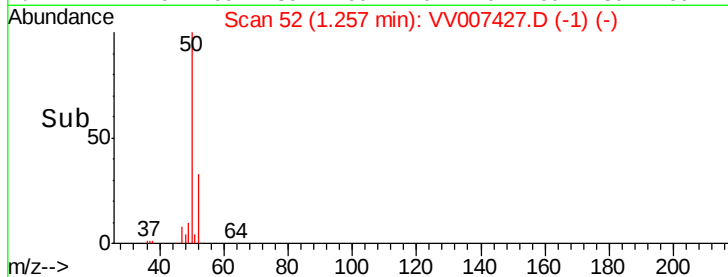
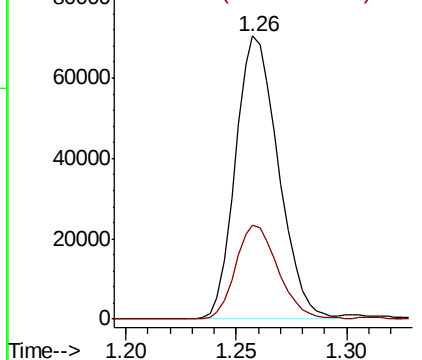
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Abundance Ion 50.00 (49.70 to 50.70): VV007419.D (-44) (-)

Ion 52.00 (51.70 to 52.70): VV007419.D (-44) (-)



#6

Bromomethane

Concen: 4.86 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.00 min

Lab File: VV007427.D

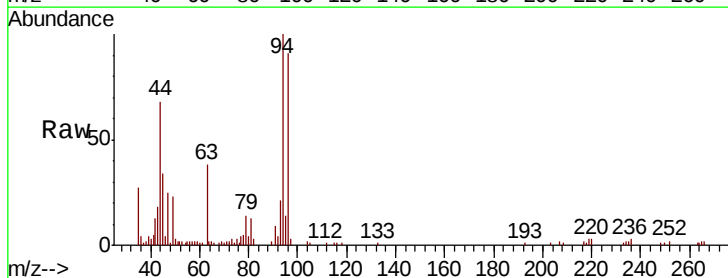
Acq: 06 Sep 2018 18:17

Tgt Ion: 94 Resp: 10903

Ion Ratio Lower Upper

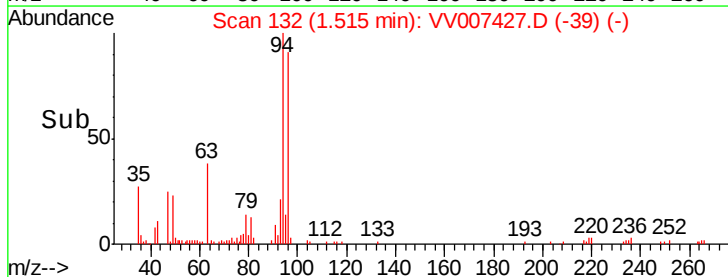
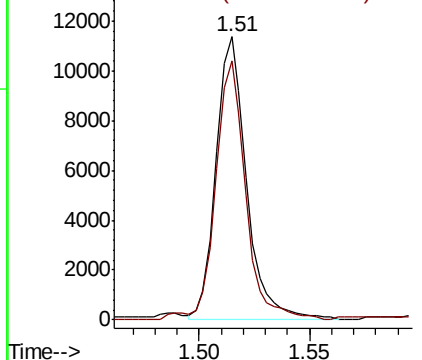
94 100

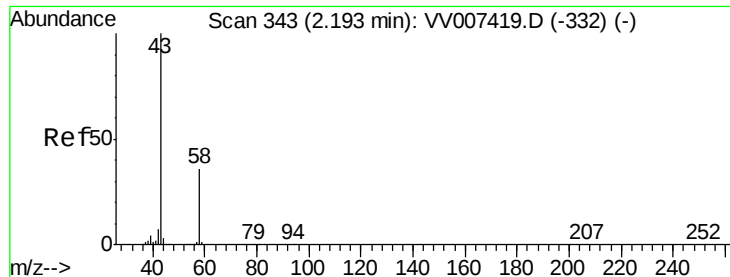
96 91.4 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV007419.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV007419.D (-125) (-)





#13

Acetone

Concen: 40.69 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007427.D

Acq: 06 Sep 2018 18:17

Instrument :

MSVOA_V

ClientSampleId :

BEGE3

Tot Ion: 43 Resp: 76772

Ion Ratio Lower Upper

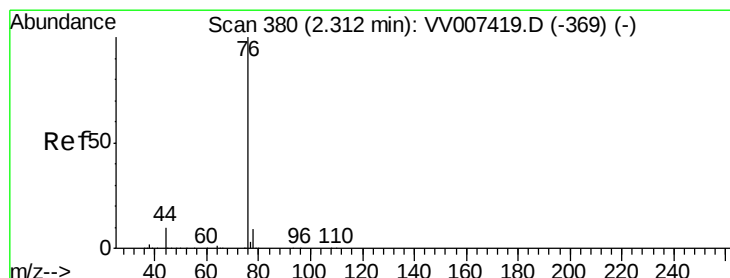
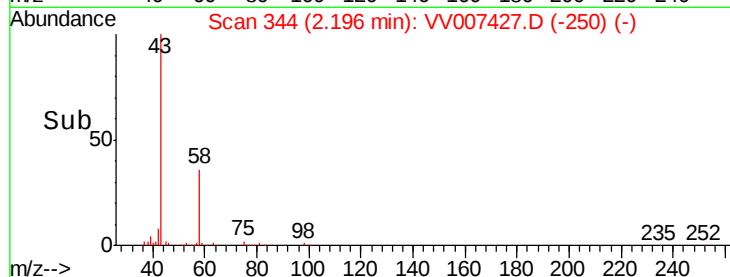
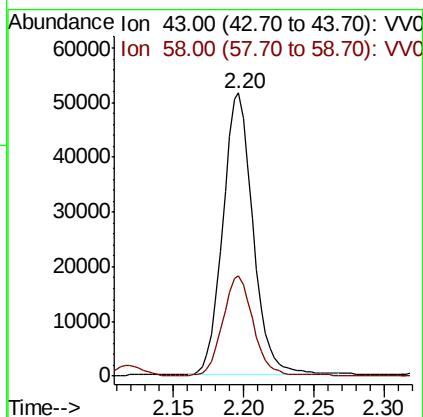
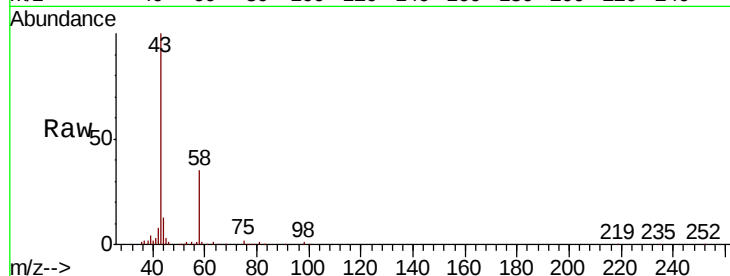
43 100

58 36.2 0.0 71.2

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#14

Carbon disulfide

Concen: 11.36 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV007427.D

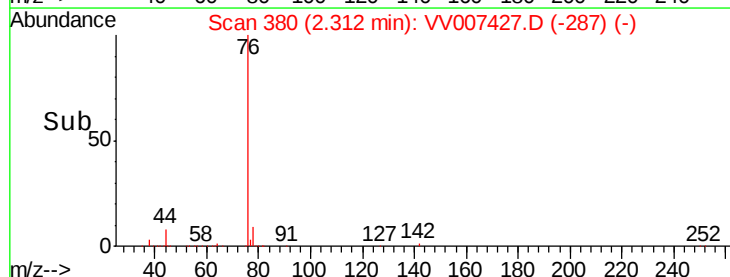
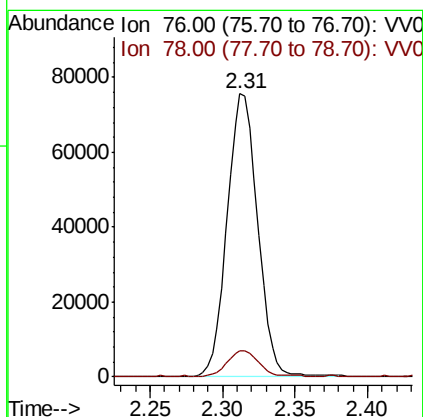
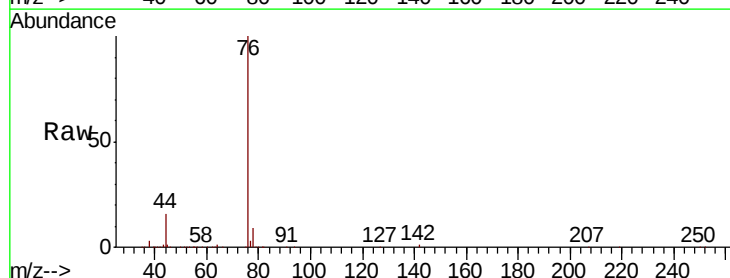
Acq: 06 Sep 2018 18:17

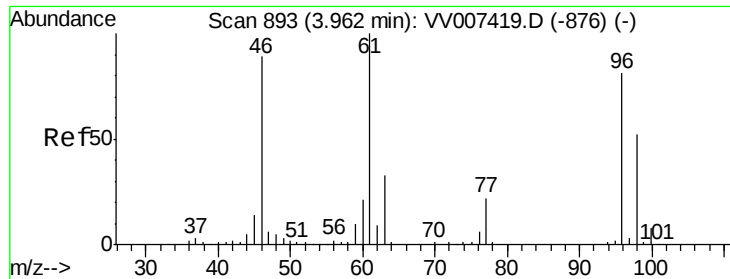
Tgt Ion: 76 Resp: 110973

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





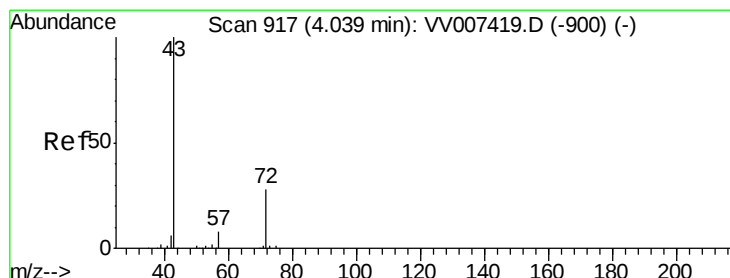
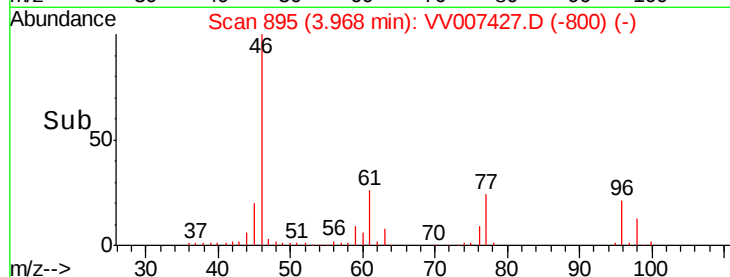
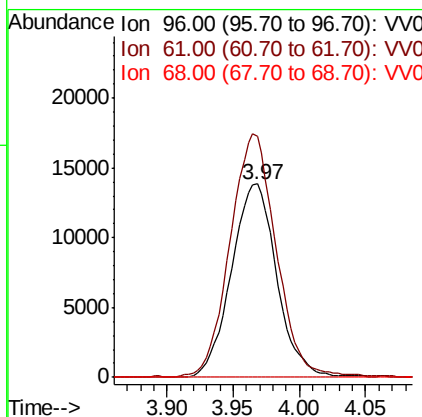
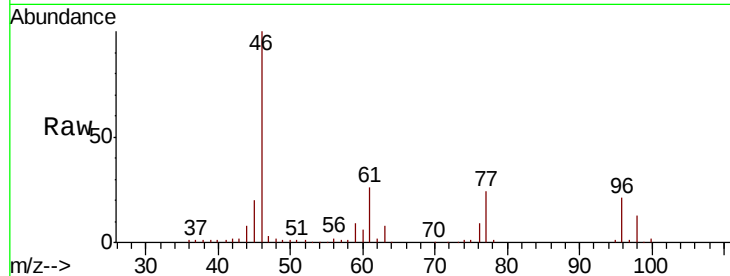
#20
 cis-1,2-Dichloroethene
 Concen: 7.60 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV007427.D
 Acq: 06 Sep 2018 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE3

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	86.8	161.2
68	0.0	0.0	0.0

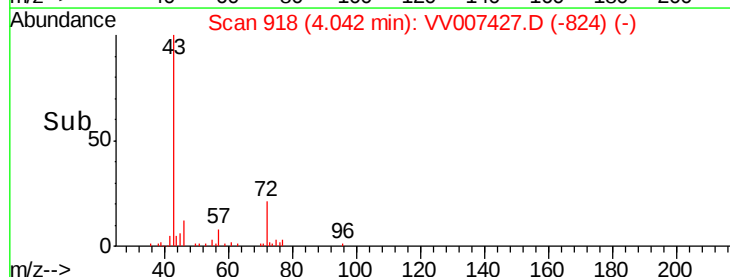
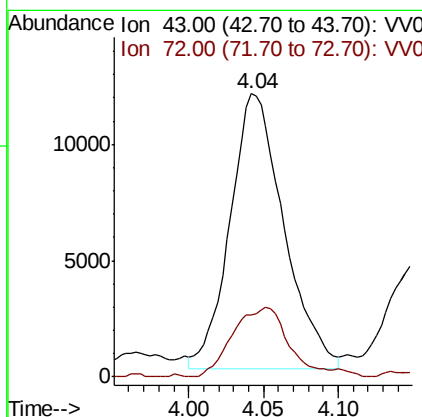
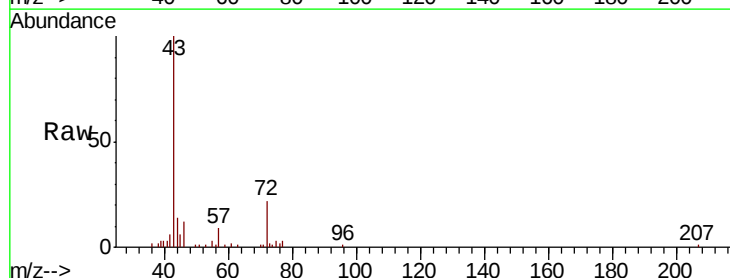
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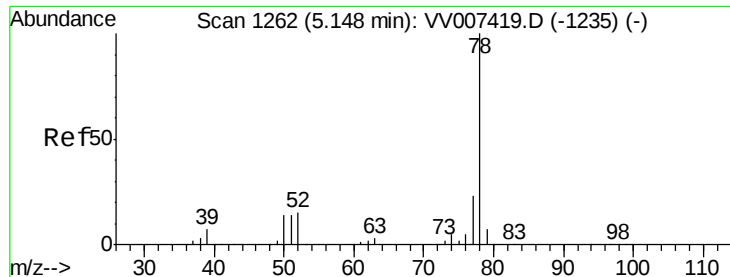
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#22
 2-Butanone
 Concen: 9.38 ug/L
 RT: 4.04 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: VV007427.D
 Acq: 06 Sep 2018 18:17

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.1	13.8	41.3





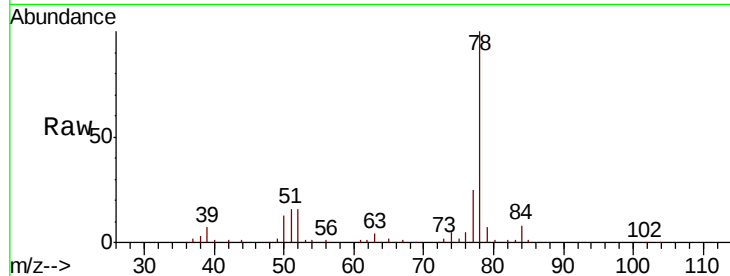
#33
Benzene
Concen: 7.39 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV007427.D
Acq: 06 Sep 2018 18:17

Instrument :
MSVOA_V
ClientSampleId :
BEGE3

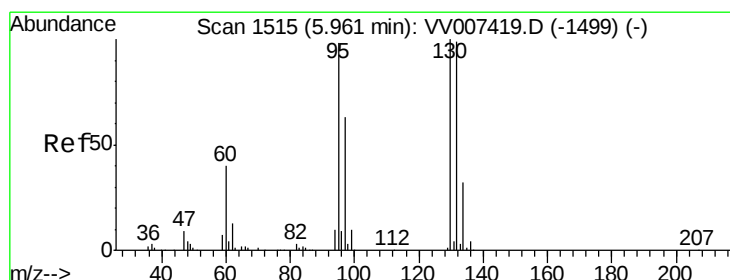
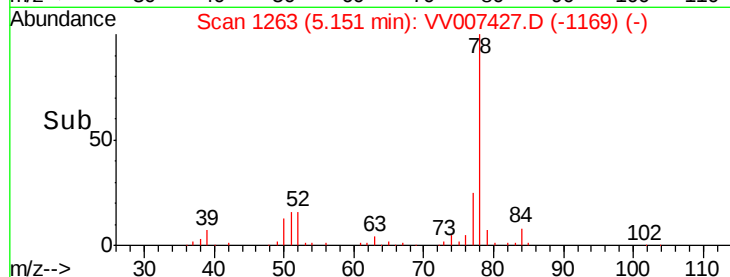
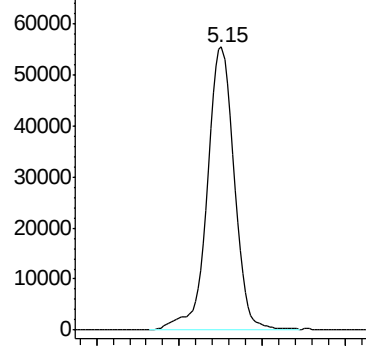
Tgt Ion: 78 Resp: 125882

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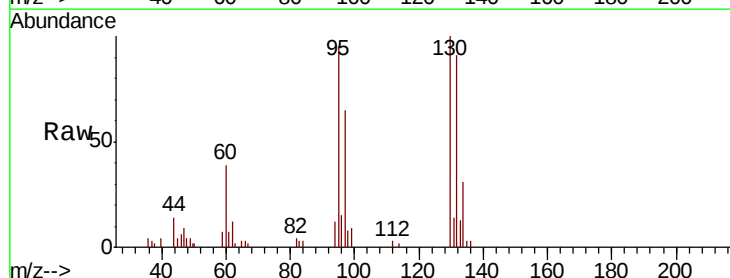


Abundance Ion 78.00 (77.70 to 78.70): VV0



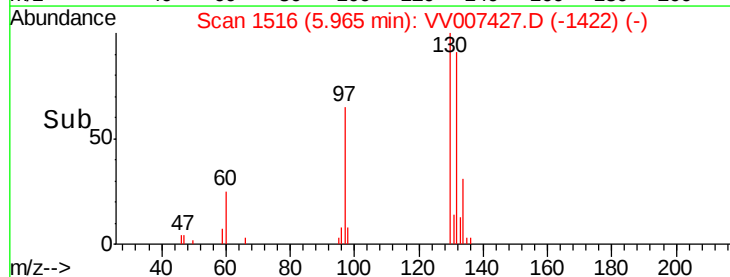
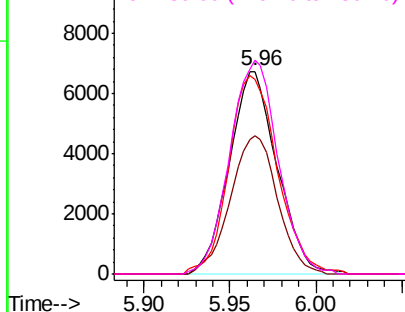
#34
Trichloroethene
Concen: 3.14 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007427.D
Acq: 06 Sep 2018 18:17

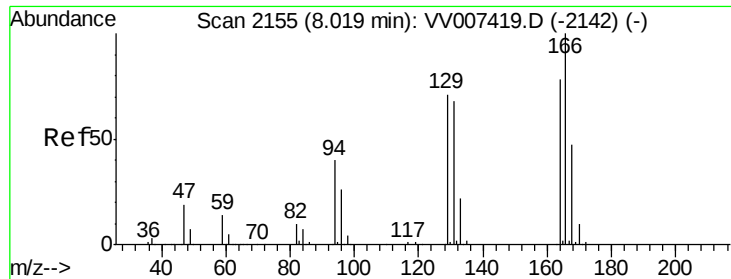
Tgt Ion: 95 Resp: 13054
Ion Ratio Lower Upper
95 100
97 68.4 46.1 85.7
132 96.1 70.8 131.6
130 105.4 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#46
Tetrachloroethene
Concen: 5.57 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007427.D
Acq: 06 Sep 2018 18:17

Instrument :
MSVOA_V
ClientSampleId :
BEGE3

Tot Ion	Ratio	Lower	Upper
164	100		
129	84.0	63.9	118.7
131	83.9	62.6	116.2
166	127.4	91.6	170.2

Manual Integrations
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