

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007818.D
 Acq On : 24 Sep 2018 15:57
 Operator : SY/MD
 Sample : J5045-05MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE3MSD

Manual Integrations
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 9/25/2018 12:11:24 PM

Quant Time: Sep 25 03:42:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 02:11:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	161307	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159141	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84226	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50473	57.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.14%
7) Chloroethane-d5	1.58	69	54882	68.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	137.78%#
11) 1,1-Dichloroethene-d2	2.14	63	134107	64.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	129.76%#
21) 2-Butanone-d5	3.95	46	79828	137.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	137.87%#
24) Chloroform-d	4.41	84	121972	64.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.96%#
26) 1,2-Dichloroethane-d4	5.09	65	86964	72.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	145.28%#
32) Benzene-d6	5.11	84	252082	68.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.82%#
36) 1,2-Dichloropropane-d6	6.13	67	75757	70.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	140.26%#
41) Toluene-d8	7.36	98	261856	68.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.00%#
43) trans-1,3-Dichloropropene-	7.67	79	35615	65.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	130.78%#
47) 2-Hexanone-d5	8.14	63	66829m	140.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	140.49%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	119105	70.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	141.26%#
64) 1,2-Dichlorobenzene-d4	11.68	152	126386	72.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	145.90%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.15	96	64395	60.189	ug/L	94
13) Acetone	2.19	43	2794	4.572	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	14203	13.120	ug/L	96
33) Benzene	5.15	78	224175	58.809	ug/L	100
34) Trichloroethene	5.96	95	80660	71.547	ug/L	99
42) Toluene	7.44	91	273069	60.433	ug/L	99
46) Tetrachloroethene	8.02	164	250852	217.408	ug/L	99
51) Chlorobenzene	8.93	112	192727	59.213	ug/L	99

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

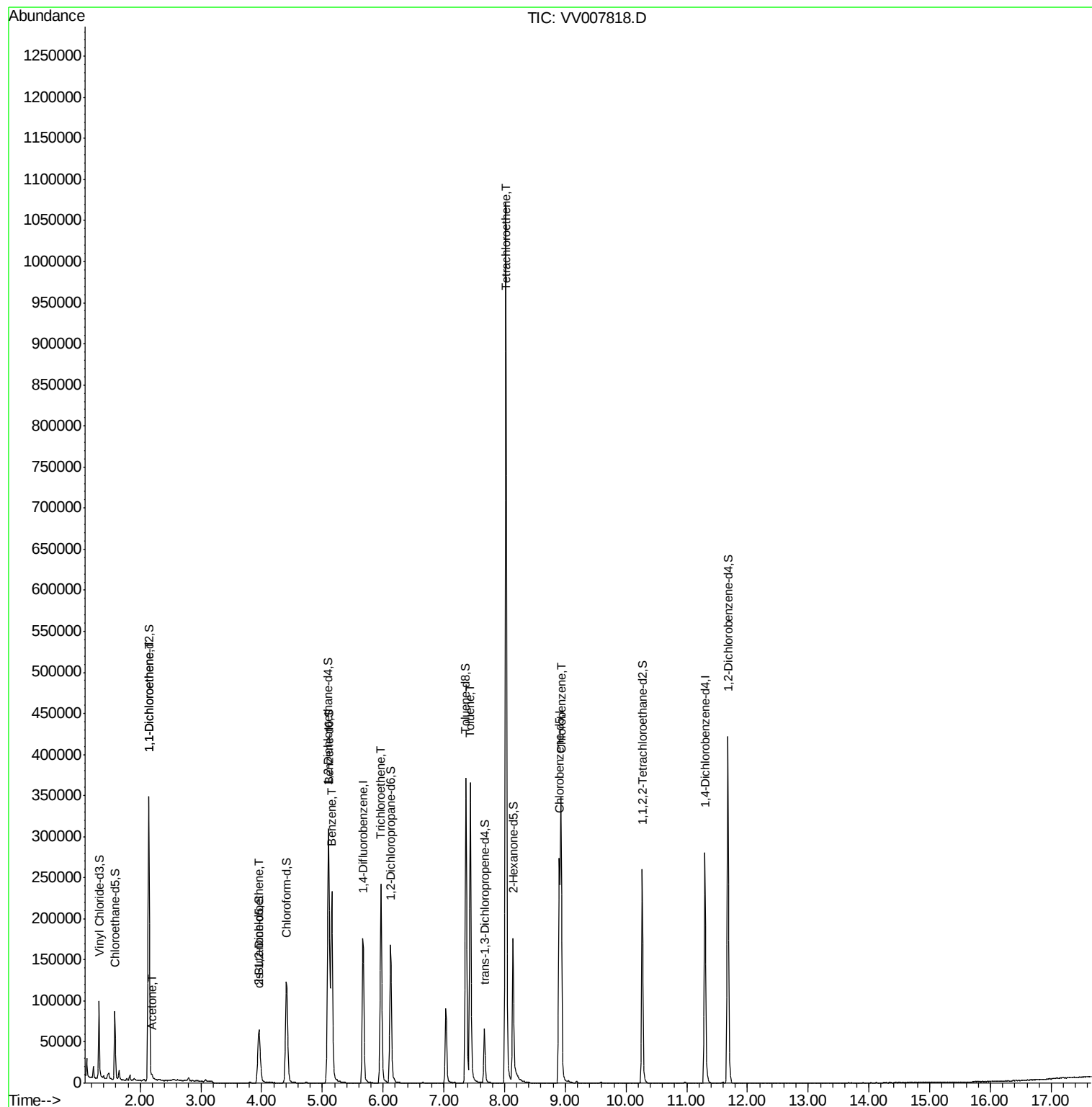
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092418\
Data File : VV007818.D
Acq On : 24 Sep 2018 15:57
Operator : SY/MD
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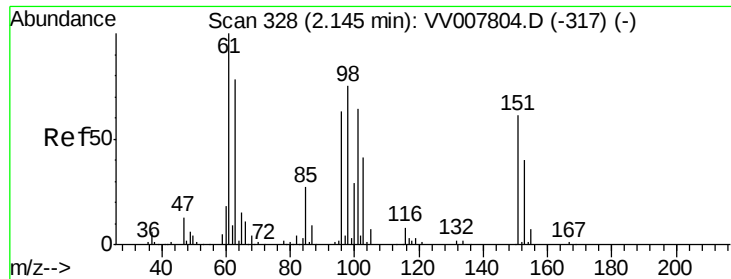
Instrument :
MSVOA_V
ClientSampleId :
E5FE3MSD

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Quant Time: Sep 25 03:42:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 25 02:11:24 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 60.189 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

Lab File: VV007818.D

Acq: 24 Sep 2018 15:57

Instrument :

MSVOA_V

ClientSampled :

E5FE3MSD

Tot Ion: 96 Resp: 64395

Ion Ratio Lower Upper

96 100

61 158.1 107.3 199.3

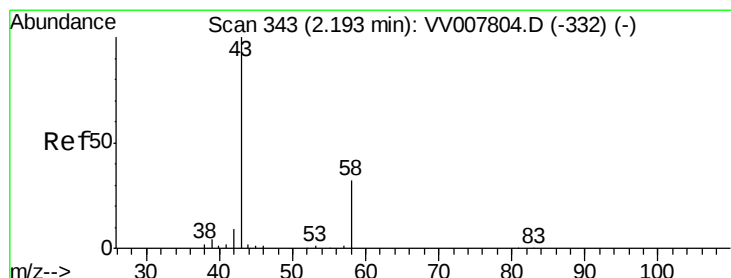
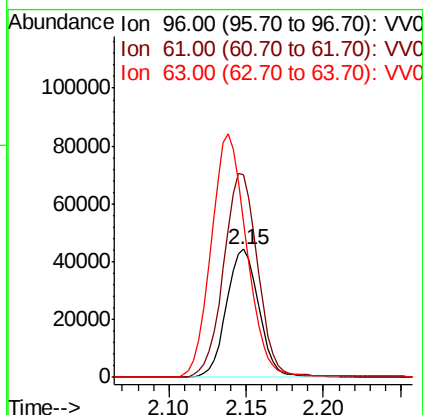
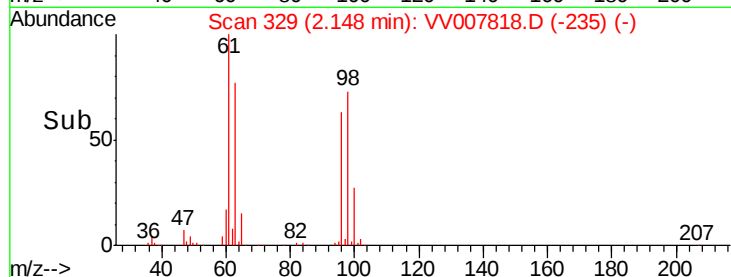
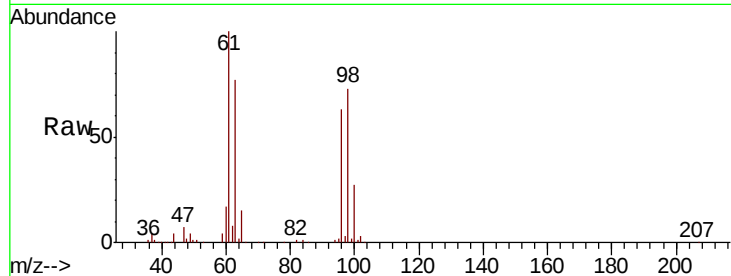
63 121.7 78.8 146.4

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#13

Acetone

Concen: 4.572 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007818.D

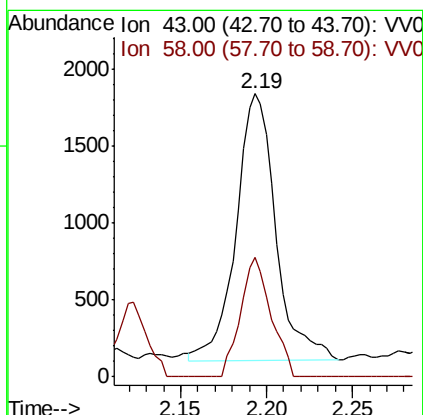
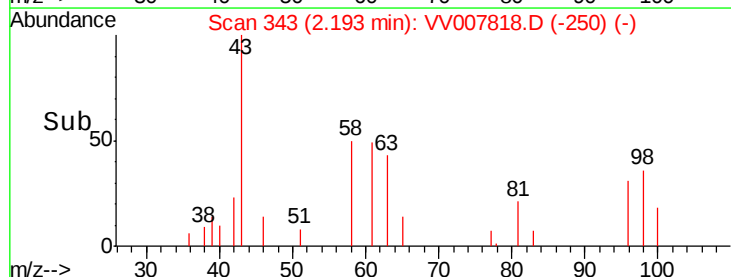
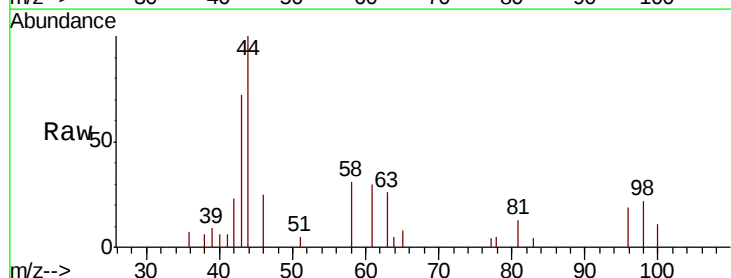
Acq: 24 Sep 2018 15:57

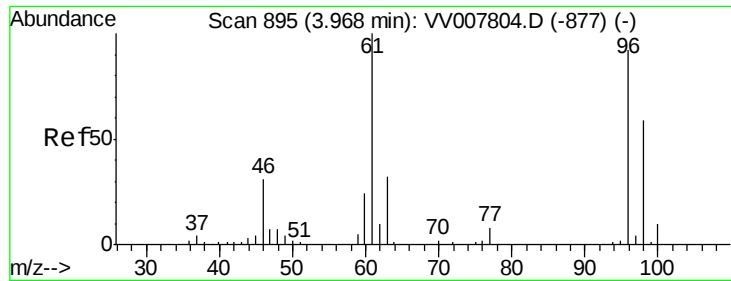
Tgt Ion: 43 Resp: 2794

Ion Ratio Lower Upper

43 100

58 33.9 0.0 65.2





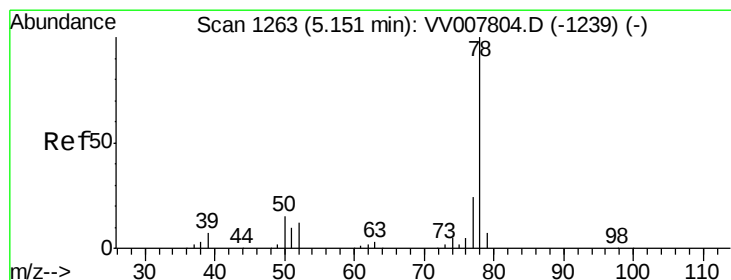
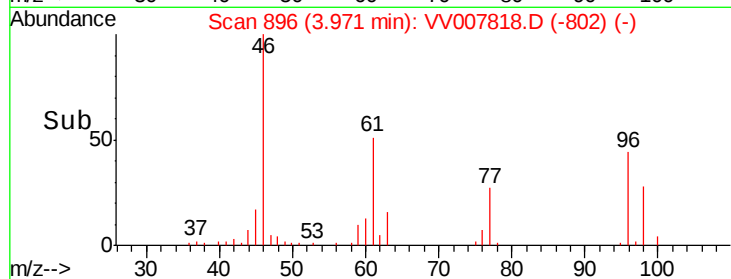
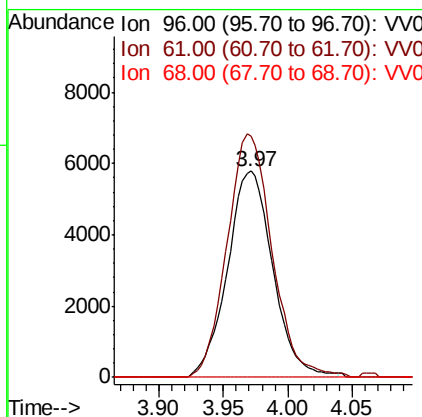
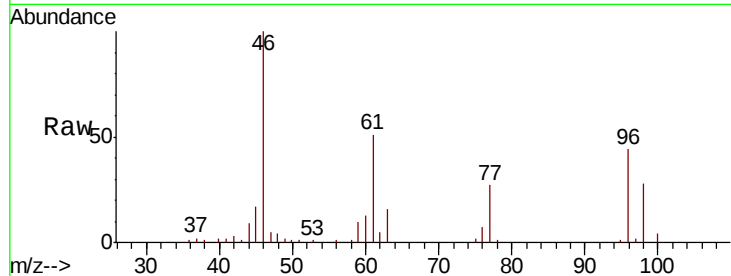
#20
 cis-1,2-Dichloroethene
 Concen: 13.120 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007818.D
 Acq: 24 Sep 2018 15:57

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE3MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.8	78.8	146.3
68	0.0	0.0	0.0

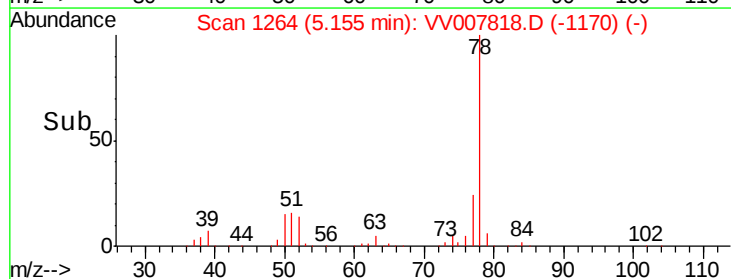
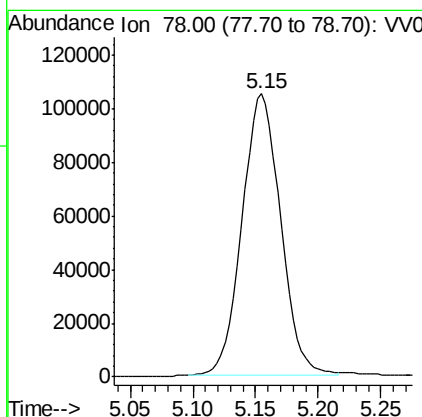
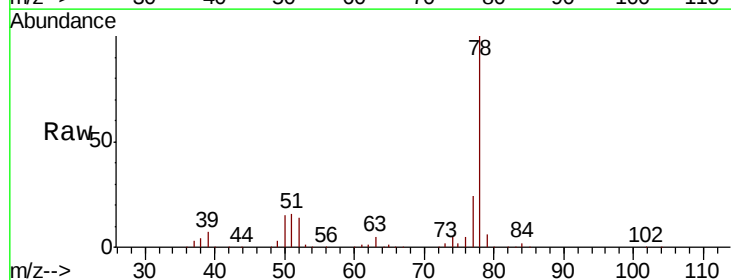
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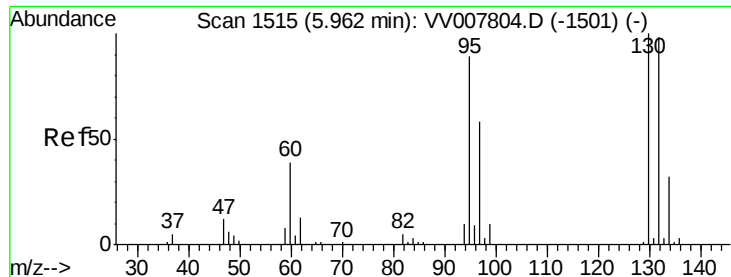
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#33
 Benzene
 Concen: 58.809 ug/L
 RT: 5.15 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VV007818.D
 Acq: 24 Sep 2018 15:57

Tgt Ion: 78 Resp: 224175





#34

Trichloroethene

Concen: 71.547 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007818.D

Acq: 24 Sep 2018 15:57

Instrument :

MSVOA_V

ClientSampleId :

E5FE3MSD

Tot Ion: 95 Resp: 80660

Ion Ratio Lower Upper

95 100

97 65.1 45.2 84.0

132 110.3 77.7 144.3

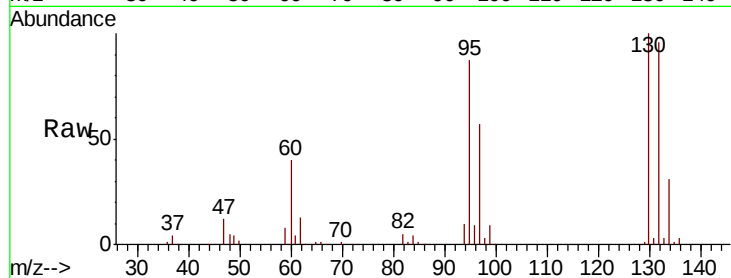
130 114.5 79.7 148.1

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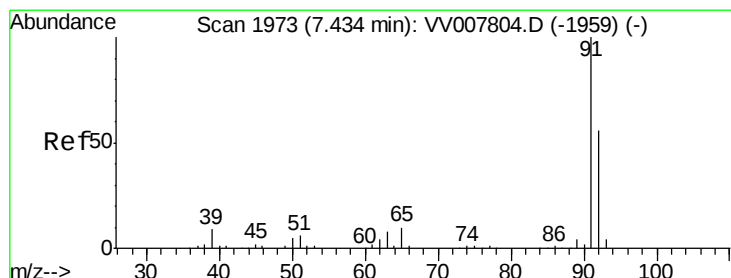
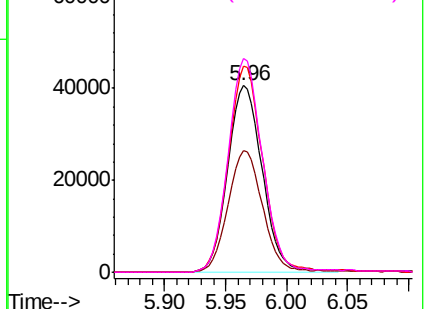
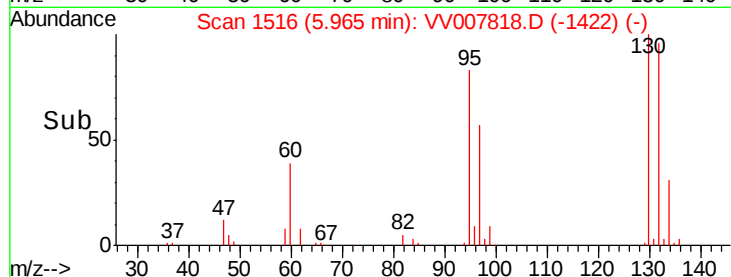


Abundance Ion 95.00 (94.70 to 95.70): VV007804.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV007804.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV007804.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV007804.D (-1501) (-)



#42

Toluene

Concen: 60.433 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007818.D

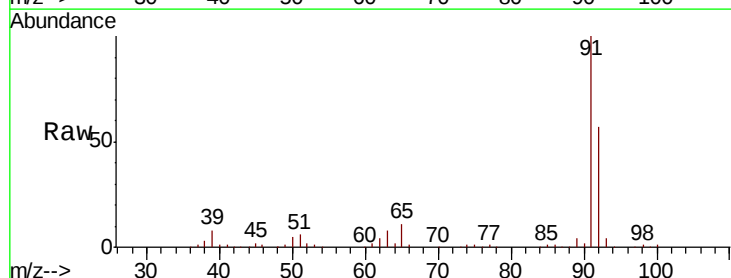
Acq: 24 Sep 2018 15:57

Tgt Ion: 91 Resp: 273069

Ion Ratio Lower Upper

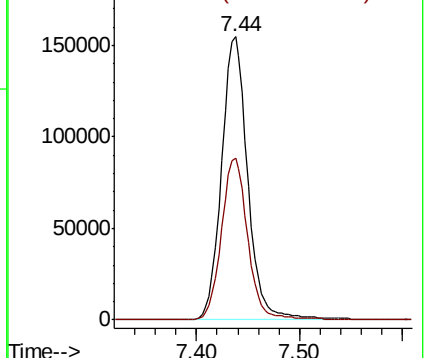
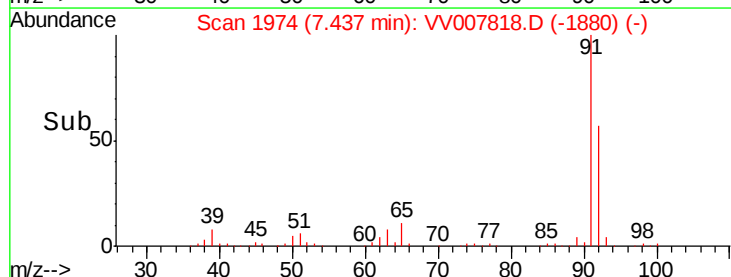
91 100

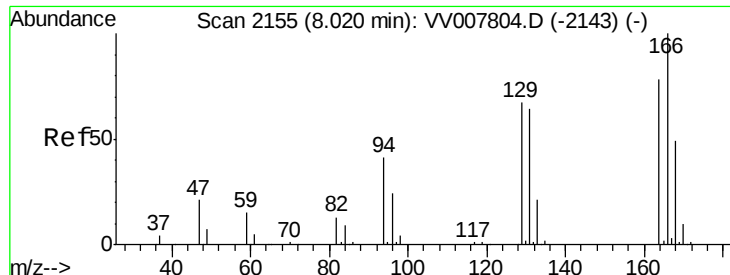
92 57.2 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VV007804.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV007804.D (-1959) (-)





#46

Tetrachloroethene

Concen: 217.408 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007818.D

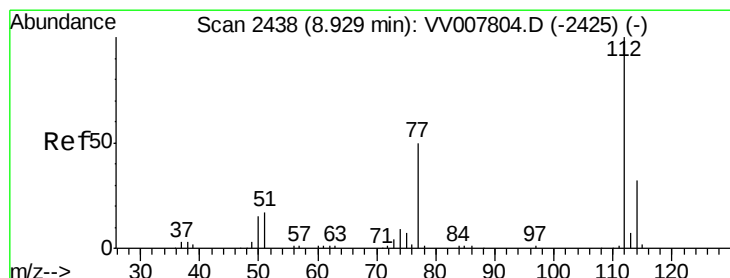
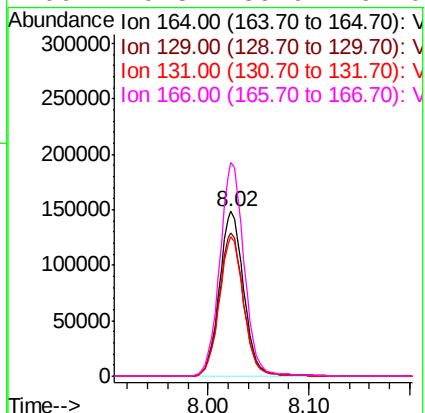
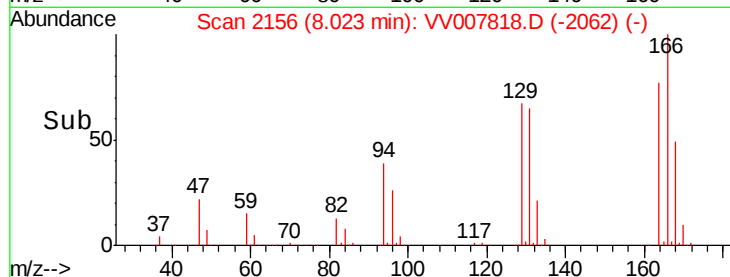
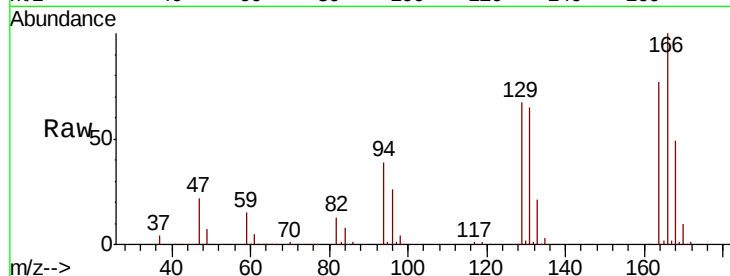
Acq: 24 Sep 2018 15:57

Instrument :
MSVOA_V
ClientSampleId :
E5FE3MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	250852		
129	87.4	61.0	113.4	
131	84.8	57.8	107.4	
166	129.8	89.9	167.0	

Manual Integrations
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#51

Chlorobenzene

Concen: 59.213 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007818.D

Acq: 24 Sep 2018 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	192727		
114	32.2	22.3	41.3	
77	51.8	40.6	60.8	

