

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
 Data File : VV007138.D
 Acq On : 23 Aug 2018 14:22
 Operator : SY/MD
 Sample : J4599-05
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOK7

Quant Time: Aug 24 01:27:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:26:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	485325	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	444651	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	173060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134743	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.36%
7) Chloroethane-d5	1.56	69	109674	55.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.82%
11) 1,1-Dichloroethene-d2	2.13	63	190346	33.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.42%
21) 2-Butanone-d5	3.95	46	262058	100.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.95%
24) Chloroform-d	4.40	84	307703	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.09	65	194682	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
32) Benzene-d6	5.10	84	613133	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
36) 1,2-Dichloropropane-d6	6.12	67	207734	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.36	98	476724	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%
43) trans-1,3-Dichloropropene-	7.67	79	80926	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.14	63	126412	86.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	291910	49.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.16%
64) 1,2-Dichlorobenzene-d4	11.68	152	184463	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%

Target Compounds

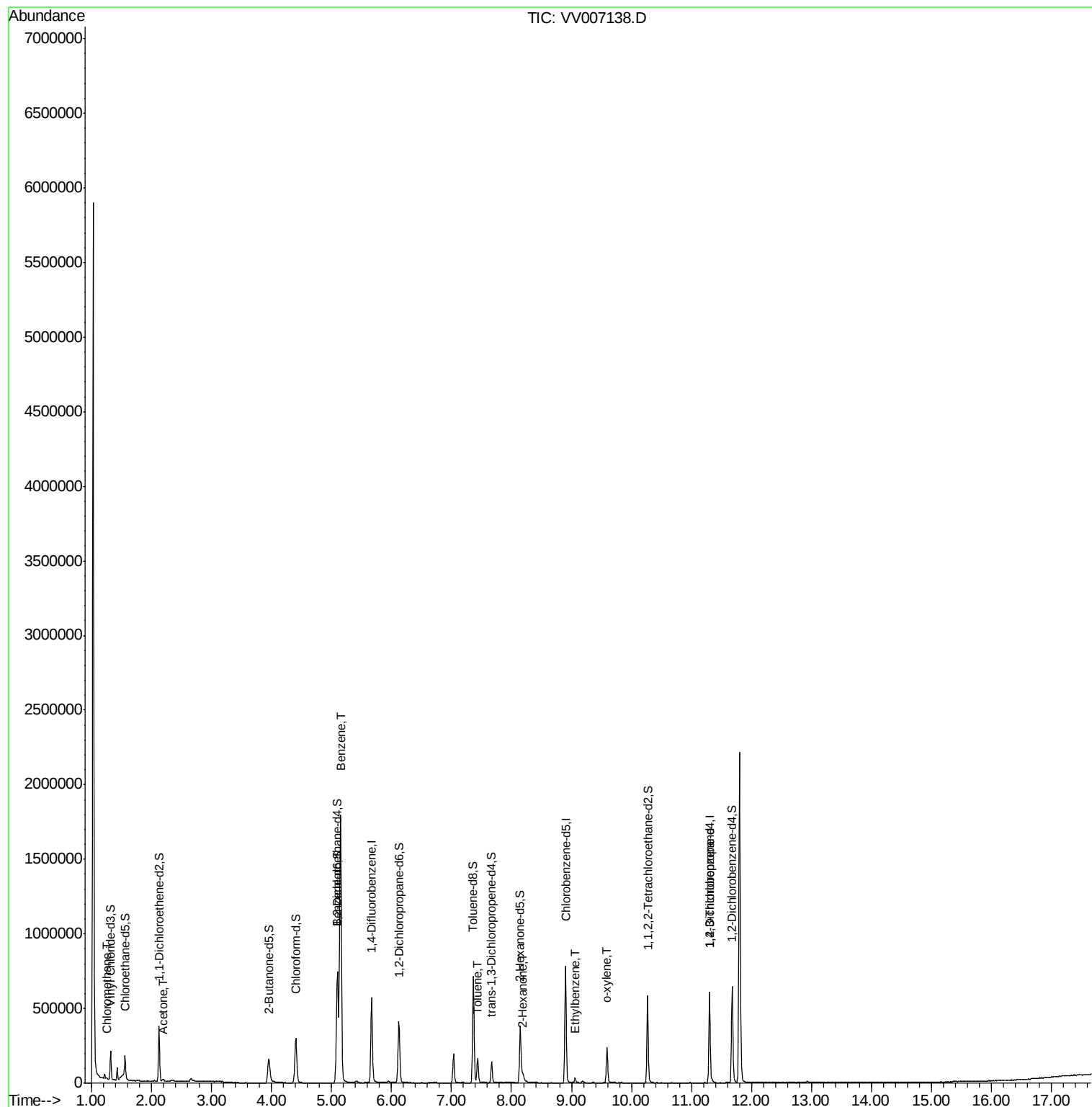
					Qvalue
3) Chloromethane	1.25	50	8201	1.461 ug/L	96
13) Acetone	2.20	43	8959	4.400 ug/L	99
33) Benzene	5.15	78	1813545	119.061 ug/L	100
42) Toluene	7.44	91	115678	7.878 ug/L	99
48) 2-Hexanone	8.20	43	23519	5.885 ug/L #	89
52) Ethylbenzene	9.06	91	20230	1.359 ug/L	98
54) o-xylene	9.59	106	64041	11.575 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	19738	3.758 ug/L	89

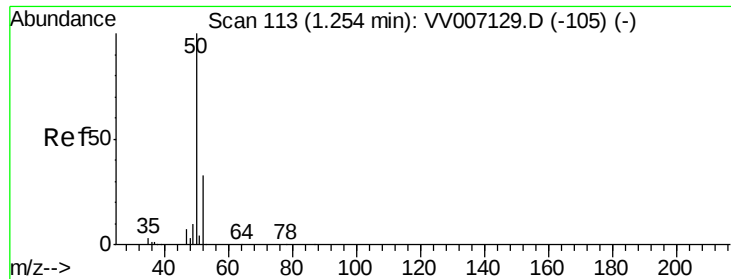
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.461 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV007138.D

Acq: 23 Aug 2018 14:22

Instrument :

MSVOA_V

ClientSampleId :

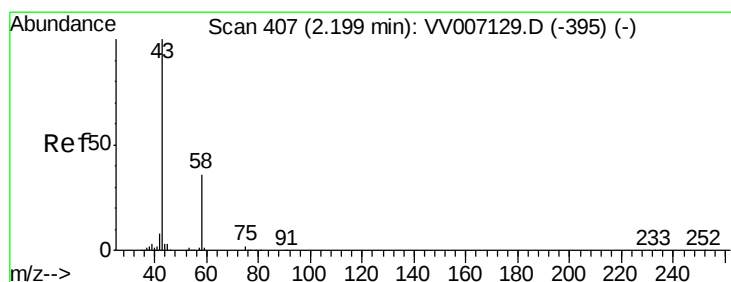
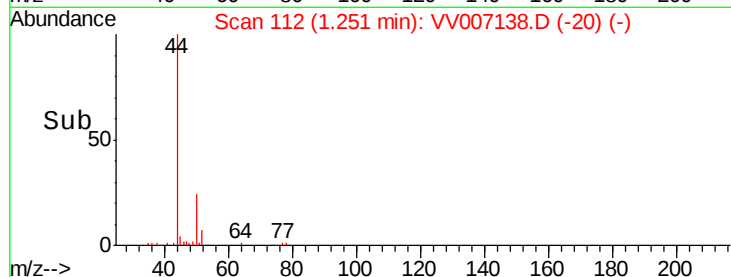
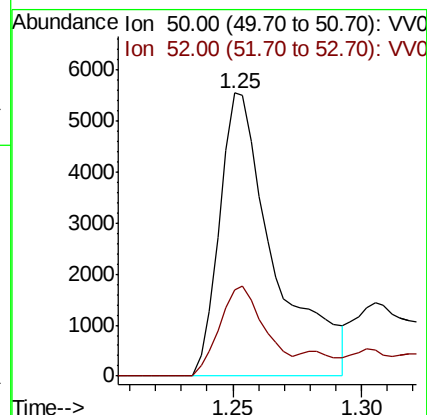
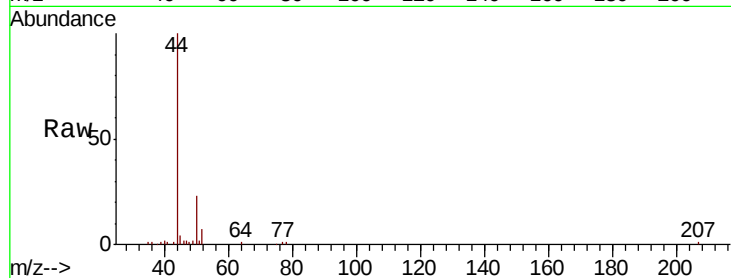
ETOK7

Tgt Ion: 50 Resp: 8201

Ion Ratio Lower Upper

50 100

52 30.5 23.0 42.8



#13

Acetone

Concen: 4.400 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV007138.D

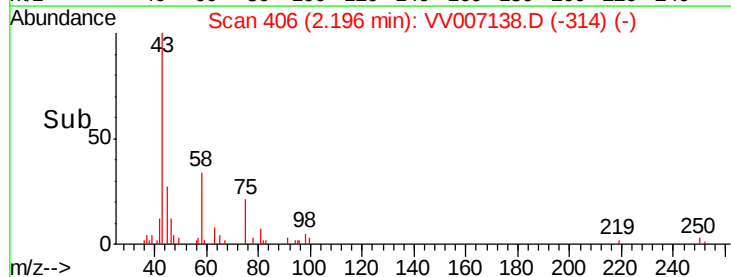
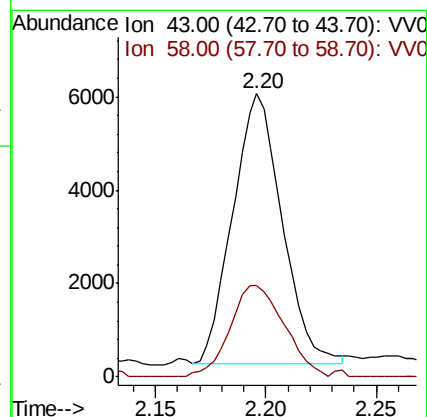
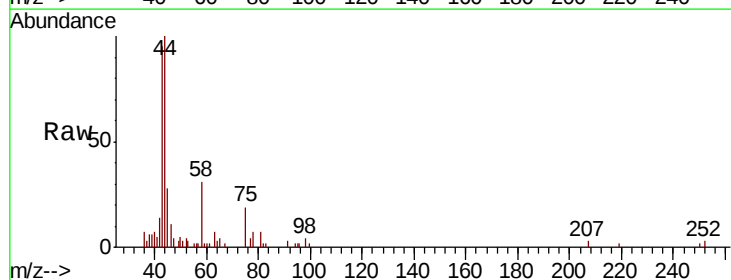
Acq: 23 Aug 2018 14:22

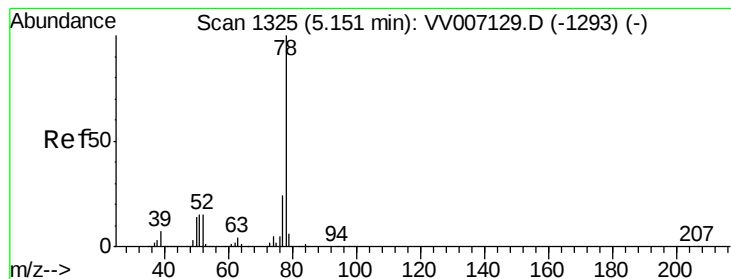
Tgt Ion: 43 Resp: 8959

Ion Ratio Lower Upper

43 100

58 37.3 0.0 73.0





#33

Benzene

Concen: 119.061 ug/L

RT: 5.15 min Scan# 1325

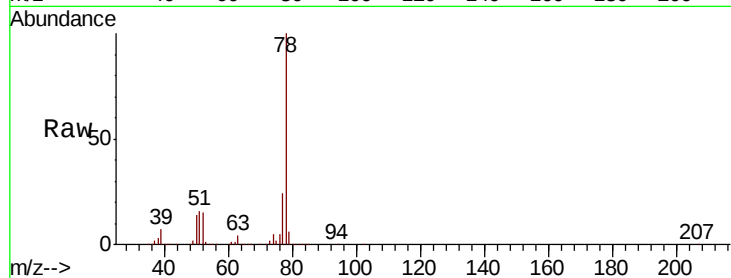
Delta R.T. 0.00 min

Lab File: VV007138.D

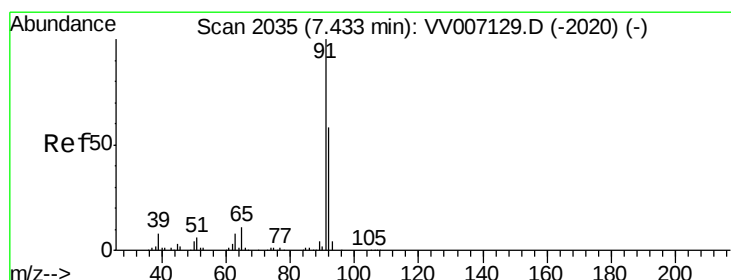
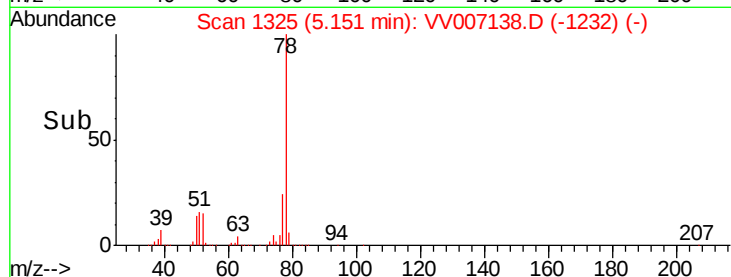
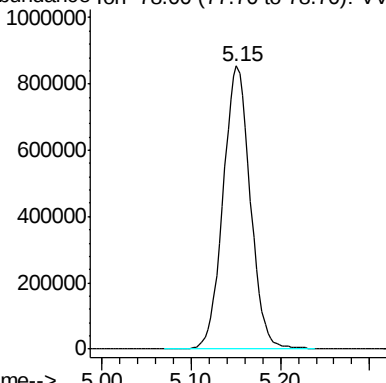
Acq: 23 Aug 2018 14:22

Instrument :
MSVOA_V
ClientSampleId :
ETOK7

Tgt Ion: 78 Resp: 1813545



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 7.878 ug/L

RT: 7.44 min Scan# 2036

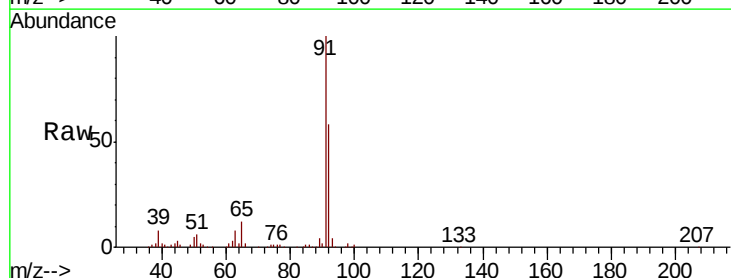
Delta R.T. 0.00 min

Lab File: VV007138.D

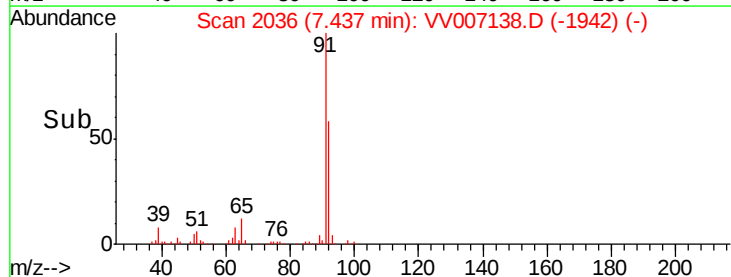
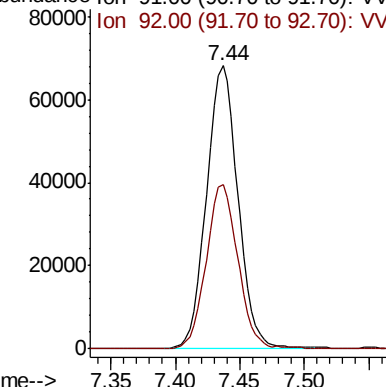
Acq: 23 Aug 2018 14:22

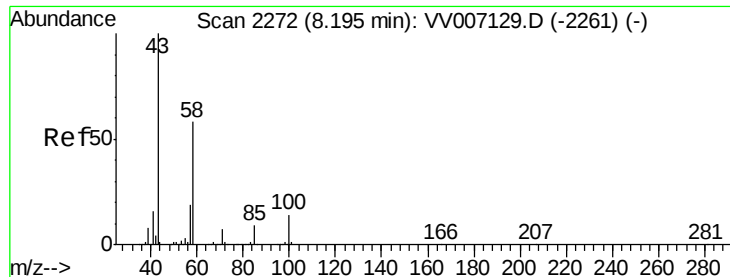
Tgt Ion: 91 Resp: 115678

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.9	75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

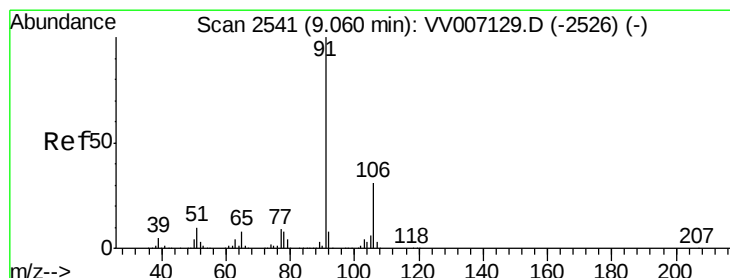
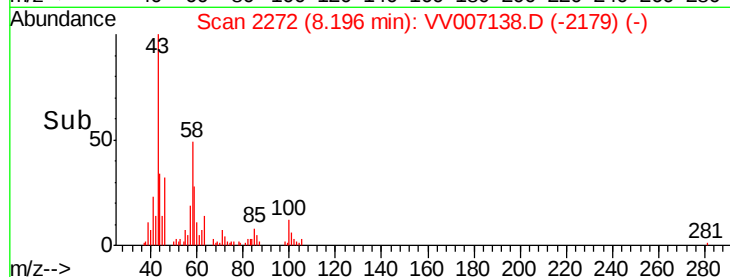
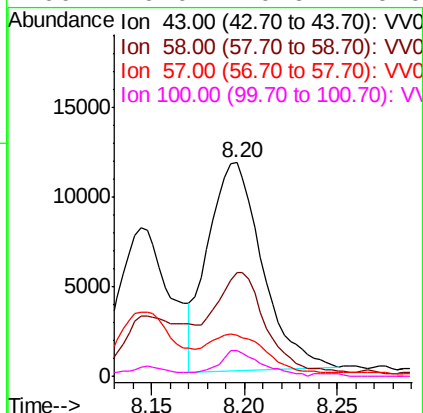
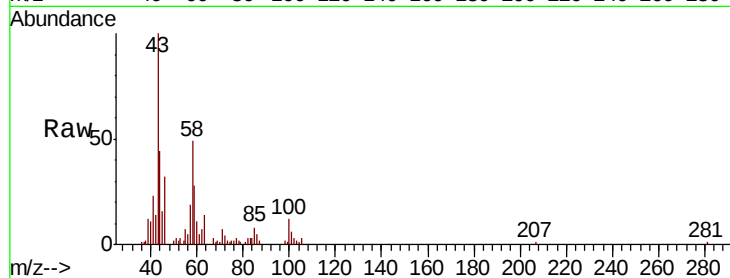




#48
2-Hexanone
Concen: 5.885 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV007138.D
Acq: 23 Aug 2018 14:22

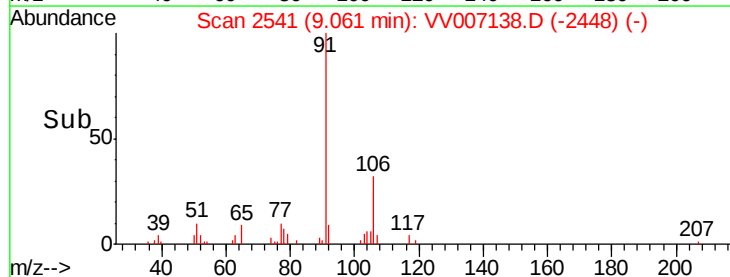
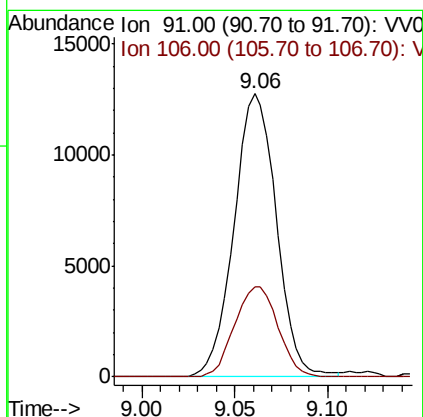
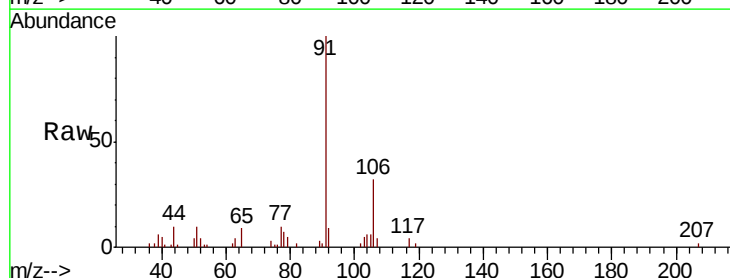
Instrument :
MSVOA_V
ClientSampleId :
ETOK7

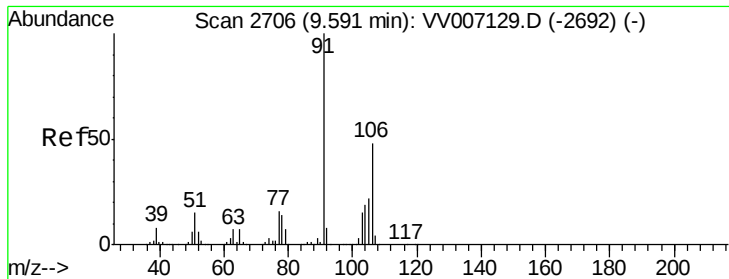
Tgt Ion:	43	Resp:	23519
Ion	Ratio	Lower	Upper
43	100		
58	48.6	47.9	71.9
57	19.4	15.8	23.8
100	10.0	10.6	16.0



#52
Ethylbenzene
Concen: 1.359 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV007138.D
Acq: 23 Aug 2018 14:22

Tgt Ion:	91	Resp:	20230
Ion	Ratio	Lower	Upper
91	100		
106	31.9	21.4	39.8





#54

o-xylene

Concen: 11.575 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VV007138.D

Acq: 23 Aug 2018 14:22

Instrument :

MSVOA_V

ClientSampled :

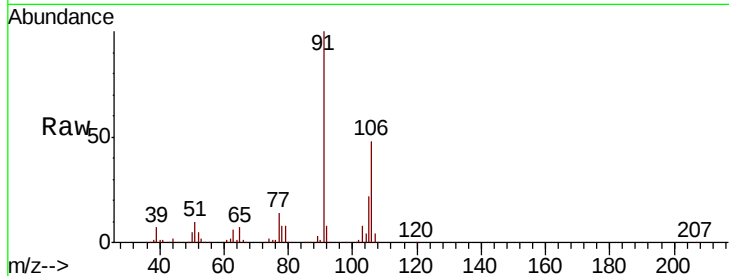
ETOK7

Tgt Ion:106 Resp: 64041

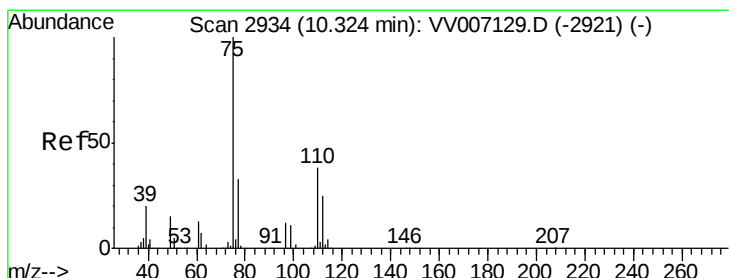
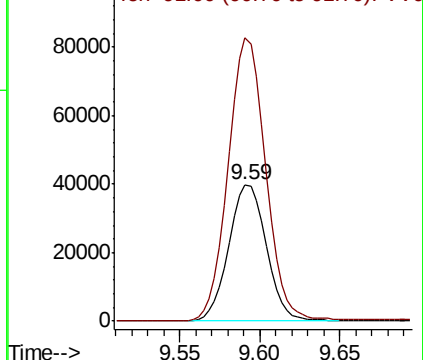
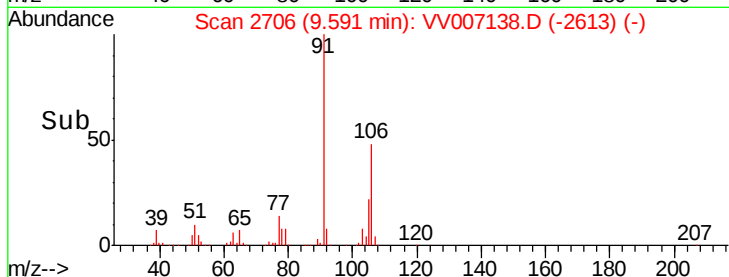
Ion Ratio Lower Upper

106 100

91 207.5 146.3 271.7



Abundance Ion 106.00 (105.70 to 106.70): VV007138.D (-2613) (-)



#59

1,2,3-Trichloropropane

Concen: 3.758 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV007138.D

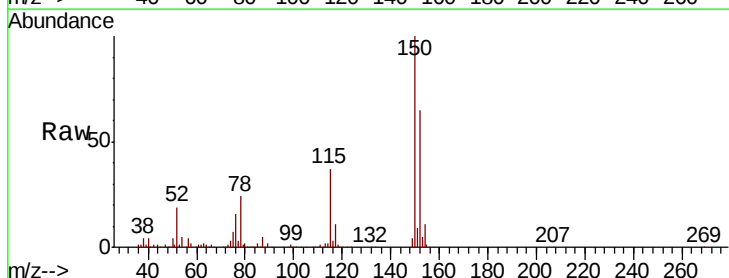
Acq: 23 Aug 2018 14:22

Tgt Ion: 75 Resp: 19738

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV007138.D (-2312) (-)

