

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010372.D
 Acq On : 19 Apr 2019 03:47
 Operator : SY/MD
 Sample : K2402-08MS
 Misc : 5.03G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH9MS

Quant Time: Apr 19 09:27:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 09:02:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/L	-5.66
28) Chlorobenzene-d5	8.95	117	80	25.00	ug/L	0.05
60) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	-11.30

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	0.00	69	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
10) 1,1-Dichloroethene-d2	2.13	63	51	0.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	3.93	46	55	0.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	5.10	65	57	0.00	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	5.12	84	42	10.26	ug/L	0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	=	41.04%
33) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.00%#
37) Toluene-d8	0.00	98	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 130	Recovery	=	0.00%#
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	98	81.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	327.04%#
61) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	
Spiked Amount	25.000	Range	75 - 120	Recovery	=	0.00%#

Target Compounds

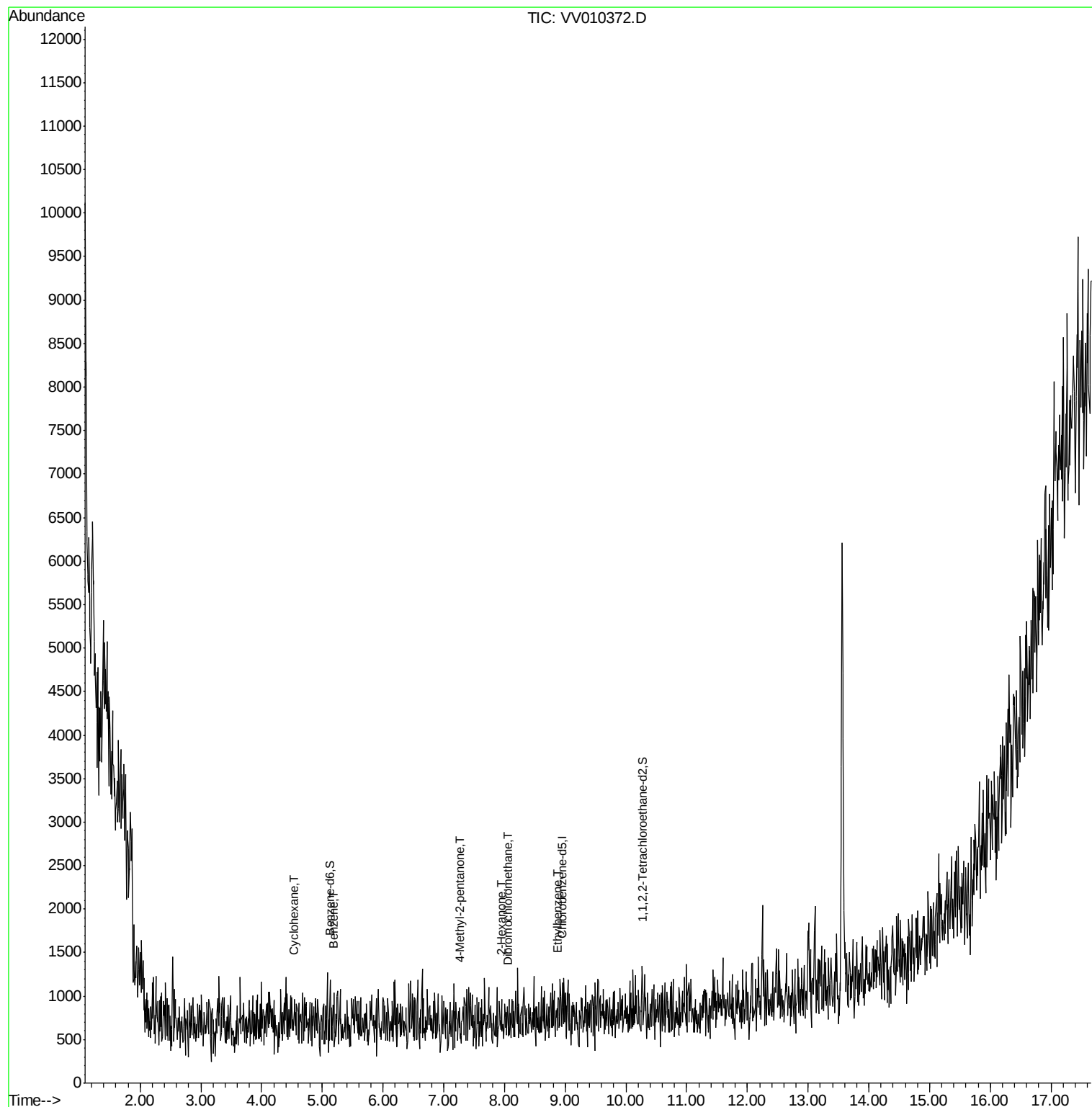
					Ovalue
30) Cyclohexane	4.54	56	75	51.153 ug/L #	14
34) Benzene	5.20	78	43	11.015 ug/L	100
43) 4-Methyl-2-pentanone	7.26	43	48	61.359 ug/L #	45
49) 2-Hexanone	7.96	43	64	116.881 ug/L #	37
50) Dibromochloromethane	8.06	129	44	39.728 ug/L #	12
53) Ethylbenzene	8.89	91	43	8.600 ug/L #	42

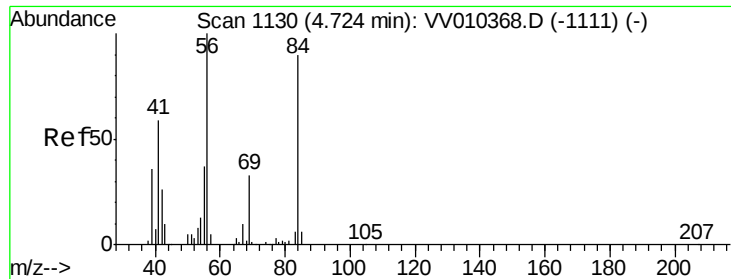
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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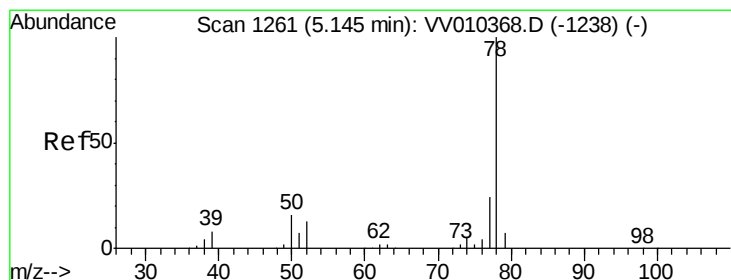
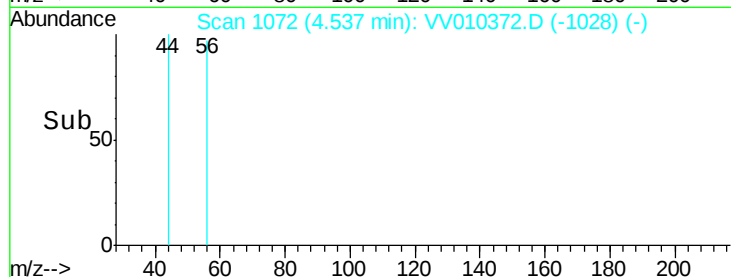
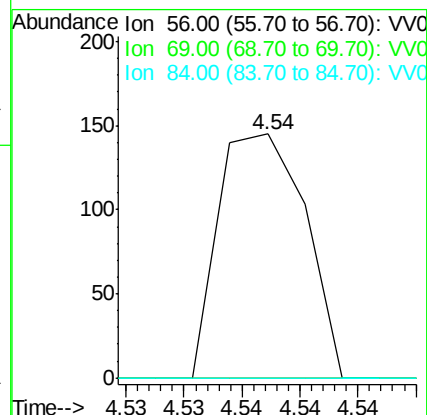
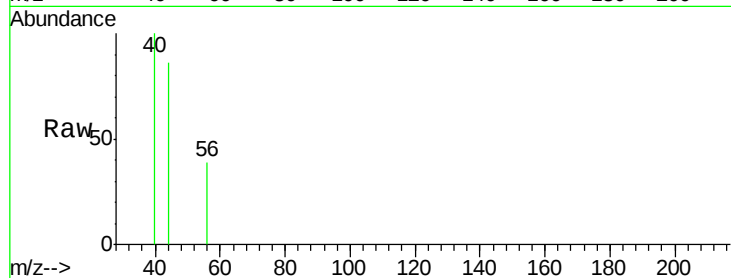




#30
Cyclohexane
Concen: 51.153 ug/L
RT: 4.54 min Scan# 1072
Delta R.T. -0.19 min
Lab File: VV010372.D
Acq: 19 Apr 2019 03:47

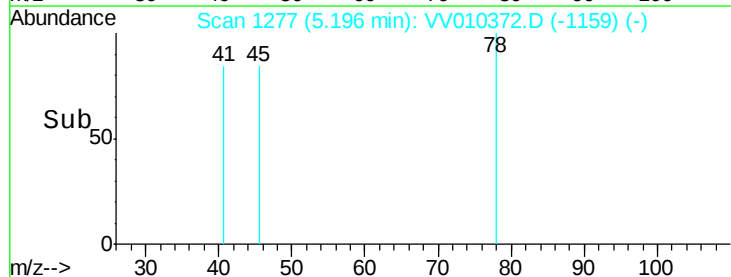
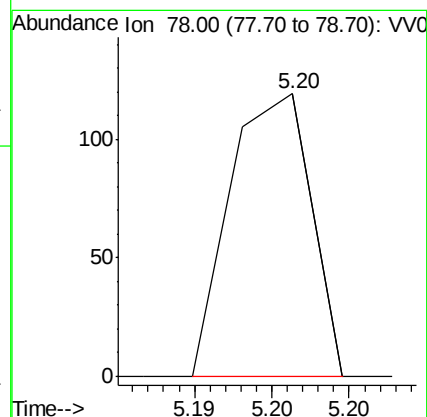
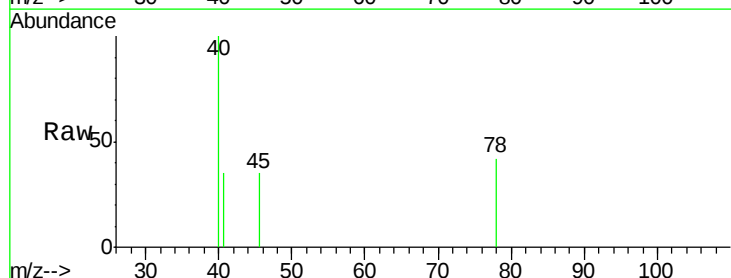
Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

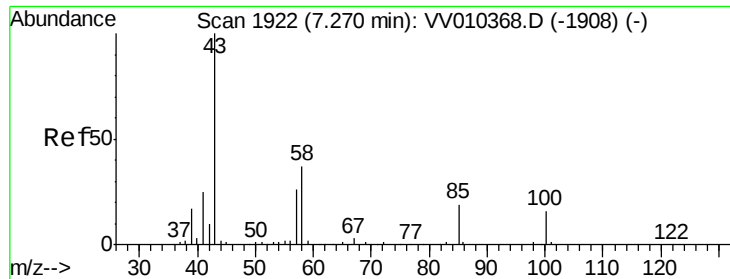
Tot Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
69 0.0 25.3 37.9#
84 0.0 73.0 109.4#



#34
Benzene
Concen: 11.015 ug/L
RT: 5.20 min Scan# 1277
Delta R.T. 0.05 min
Lab File: VV010372.D
Acq: 19 Apr 2019 03:47

Tgt Ion: 78 Resp: 43

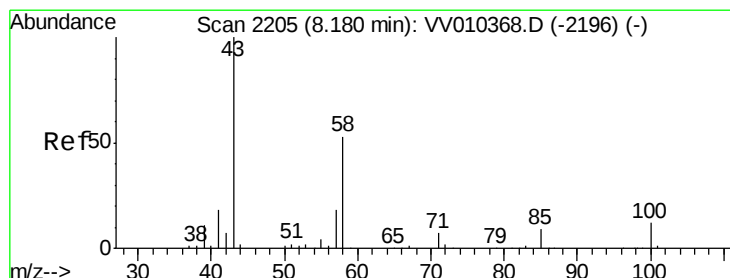
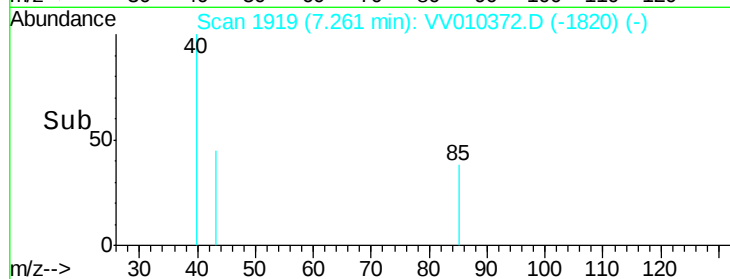
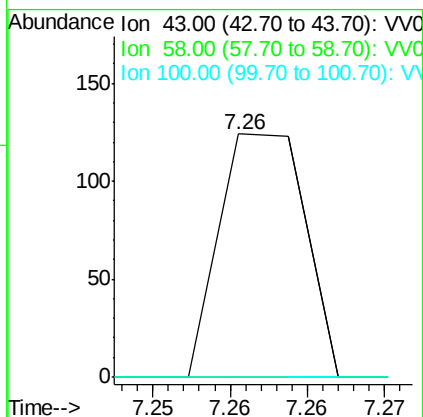
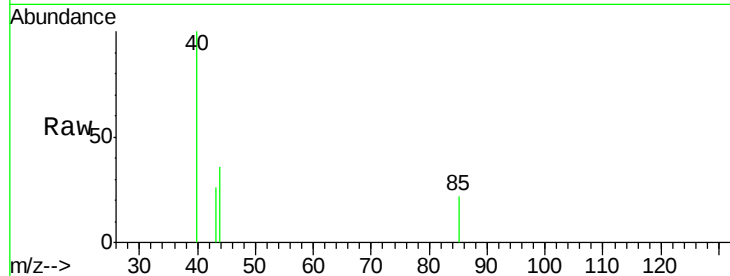




#43
4-Methyl-2-pentanone
Concen: 61.359 ug/L
RT: 7.26 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VV010372.D
Acq: 19 Apr 2019 03:47

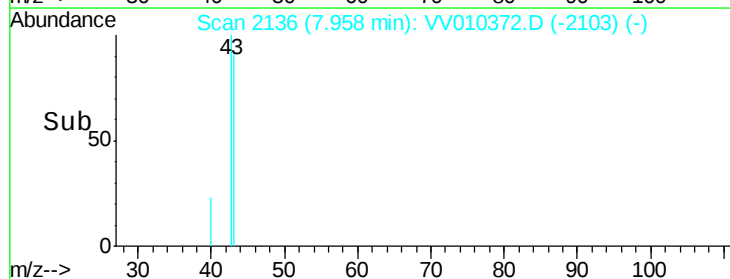
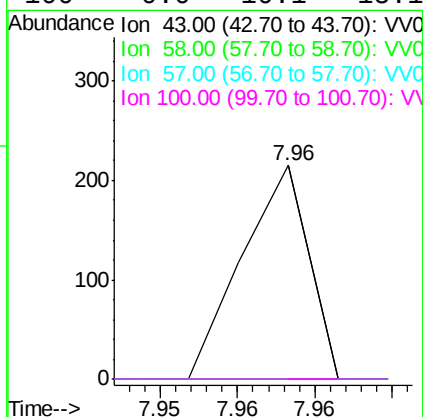
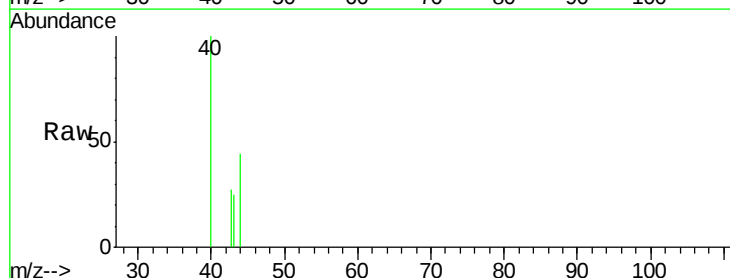
Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

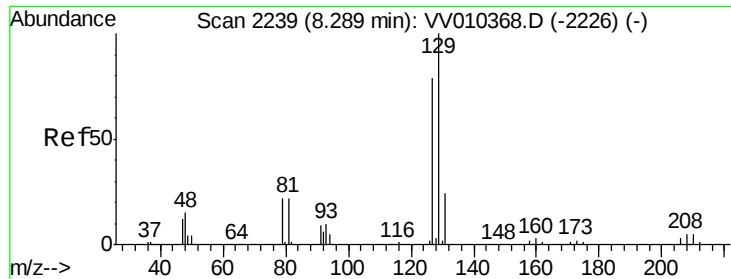
Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.0	45.0#
100	0.0	12.6	19.0#



#49
2-Hexanone
Concen: 116.881 ug/L
RT: 7.96 min Scan# 2136
Delta R.T. -0.22 min
Lab File: VV010372.D
Acq: 19 Apr 2019 03:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.9	67.3#
57	0.0	15.8	23.6#
100	0.0	10.1	15.1#

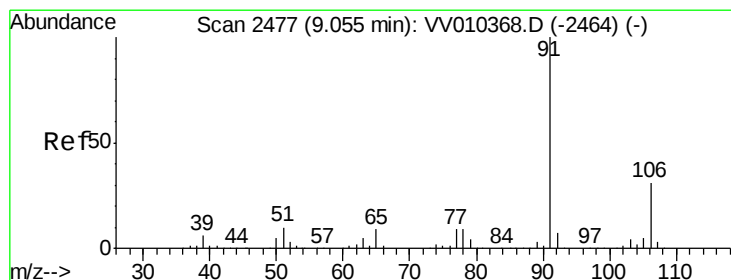
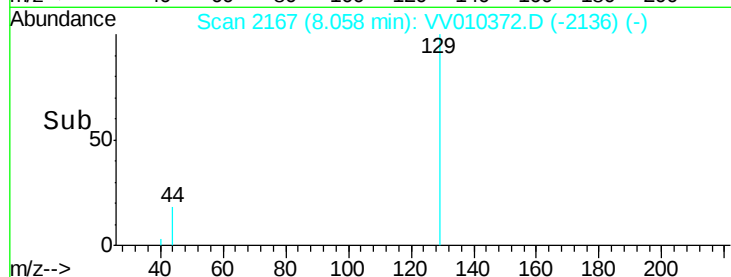
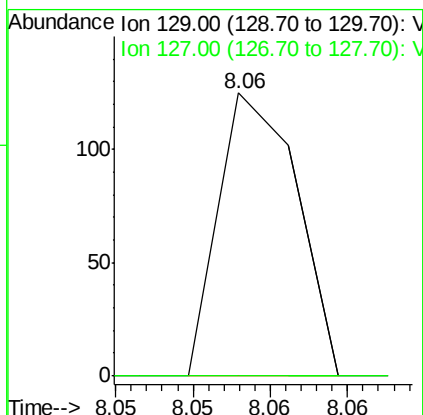
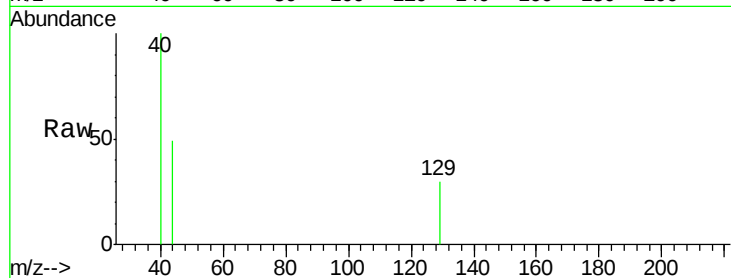




#50
Dibromochloromethane
Concen: 39.728 ug/L
RT: 8.06 min Scan# 2167
Delta R.T. -0.23 min
Lab File: VV010372.D
Acq: 19 Apr 2019 03:47

Instrument :
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Tot Ion:129 Resp: 44
Ion Ratio Lower Upper
129 100
127 0.0 53.0 98.4#



#53
Ethylbenzene
Concen: 8.600 ug/L
RT: 8.89 min Scan# 2425
Delta R.T. -0.17 min
Lab File: VV010372.D
Acq: 19 Apr 2019 03:47

Tgt Ion: 91 Resp: 43
Ion Ratio Lower Upper
91 100
106 0.0 22.5 41.9#

