

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051319\
 Data File : VU031966.D
 Acq On : 13 May 2019 12:54
 Operator : JC/SP
 Sample : K2739-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB886

Quant Time: May 14 13:37:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 14 02:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	534783	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	540855	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254877	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108506	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.68	69	115518	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.27	63	171196	2.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.60%#
20) 2-Butanone-d5	4.18	46	519334	36.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.00%
24) Chloroform-d	4.64	84	274979	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.31	65	145384	3.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.00%#
32) Benzene-d6	5.33	84	528396	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.33	67	183503	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.20%
41) Toluene-d8	7.56	98	490644	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	70827	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.31	63	425454	47.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	174269	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	194793	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

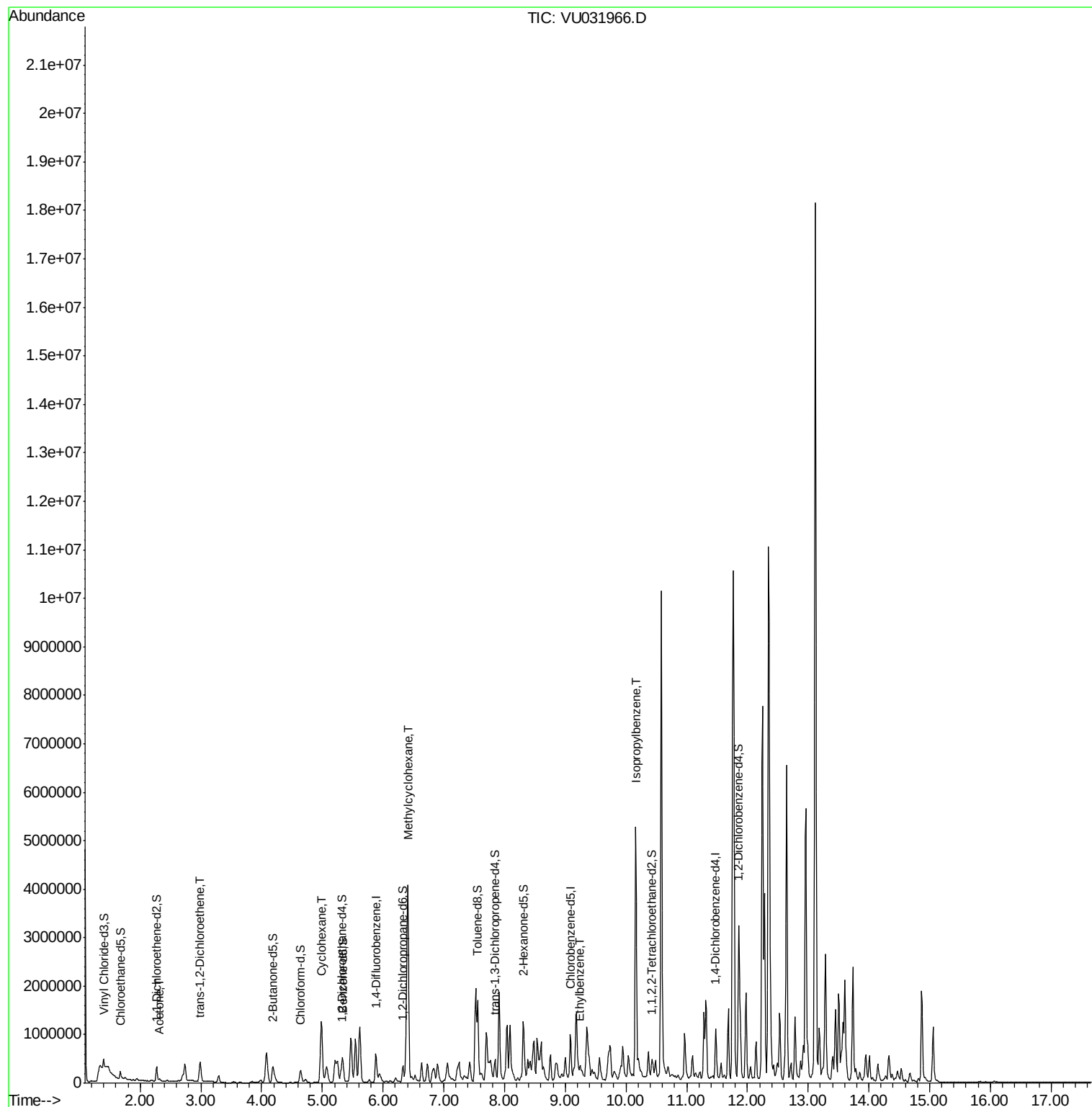
					Ovalue
13) Acetone	2.32	43	40900	4.208	ug/L 93
18) trans-1,2-Dichloroethene	2.97	96	10254	0.262	ug/L 72
30) Cyclohexane	4.99	56	635629	7.830	ug/L 92
35) Methylcyclohexane	6.41	83	1714199	25.100	ug/L 94
52) Ethylbenzene	9.25	91	78299	0.403	ug/L 99
56) Isopropylbenzene	10.16	105	3420067	19.319	ug/L 98

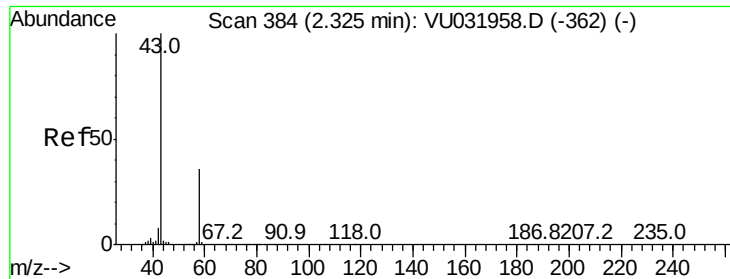
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.208 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU031966.D

Acq: 13 May 2019 12:54

Instrument :

MSVOA_U

ClientSampled :

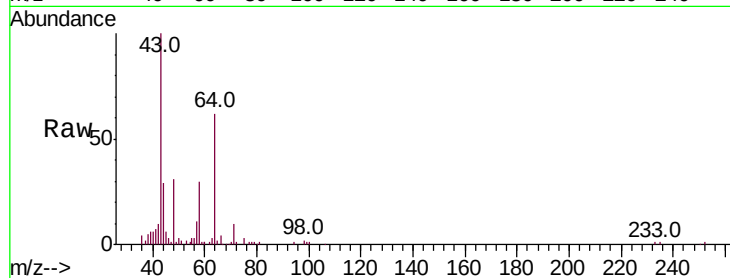
DB886

Tot Ion: 43 Resp: 40900

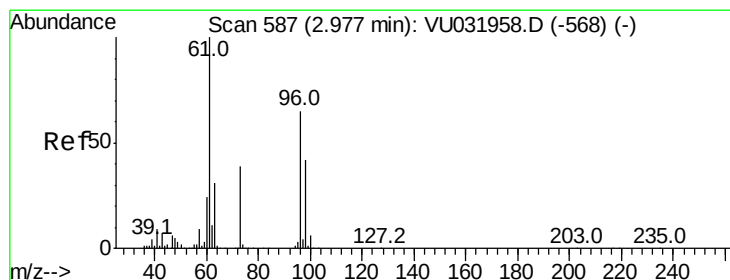
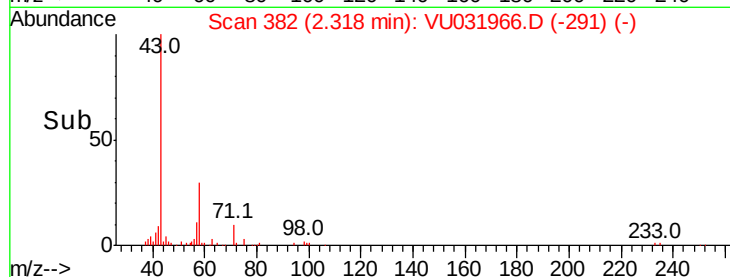
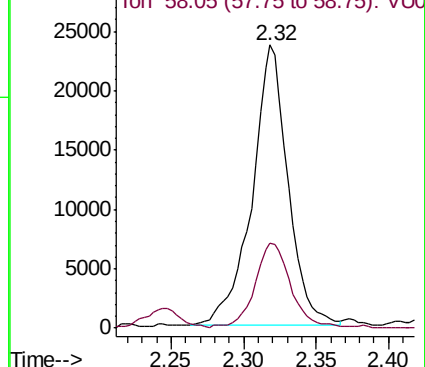
Ion Ratio Lower Upper

43 100

58 30.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031958.D (-362) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.262 ug/L

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU031966.D

Acq: 13 May 2019 12:54

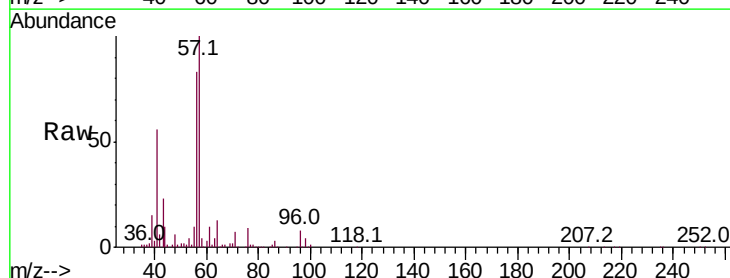
Tgt Ion: 96 Resp: 10254

Ion Ratio Lower Upper

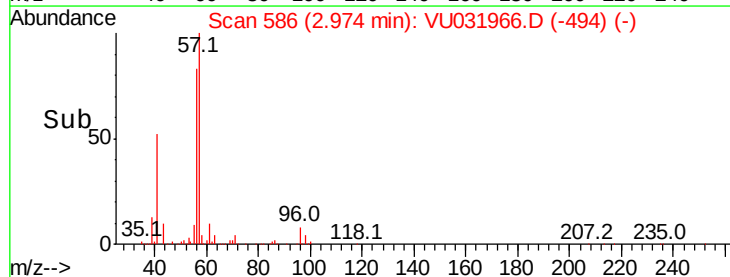
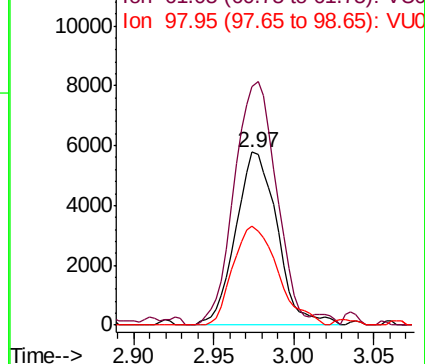
96 100

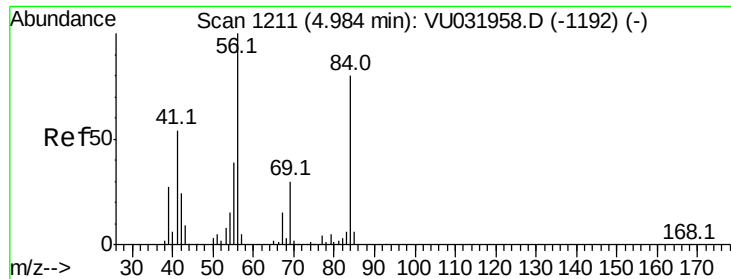
61 137.8 130.9 243.1

98 56.9 46.2 85.8



Abundance Ion 96.00 (95.70 to 96.70): VU031958.D (-568) (-)

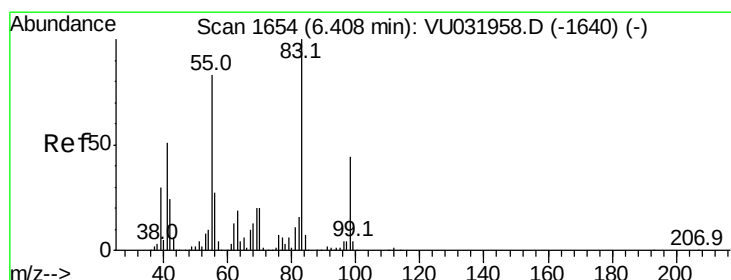
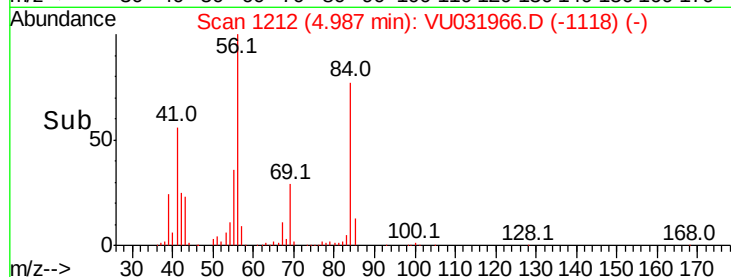
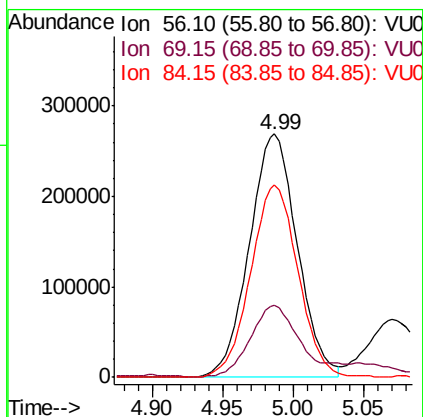
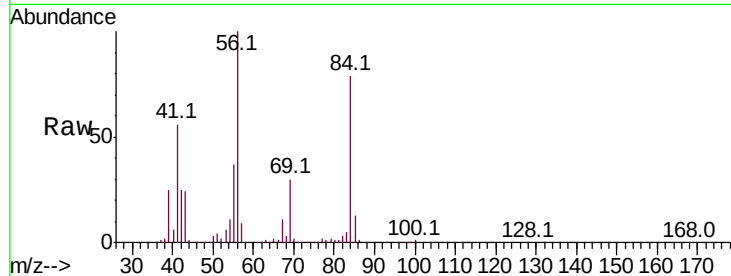




#30
Cyclohexane
Concen: 7.830 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031966.D
Acq: 13 May 2019 12:54

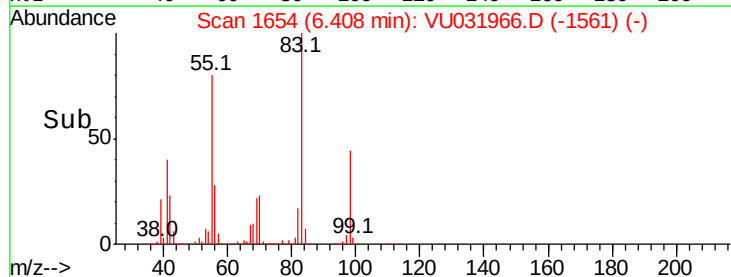
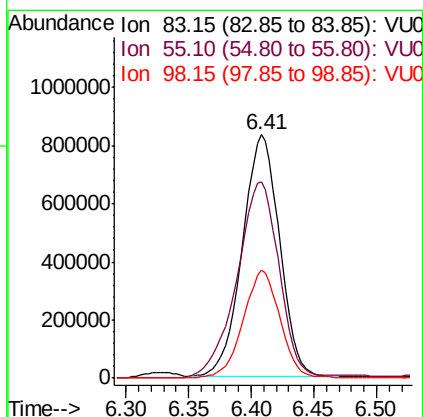
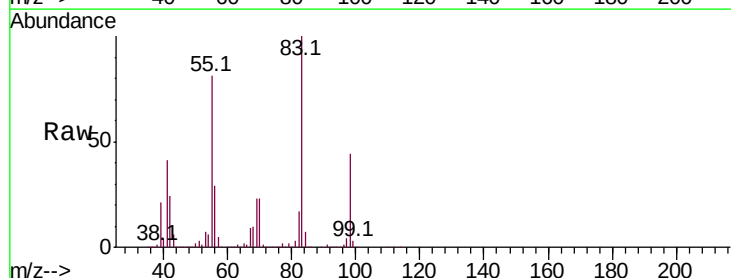
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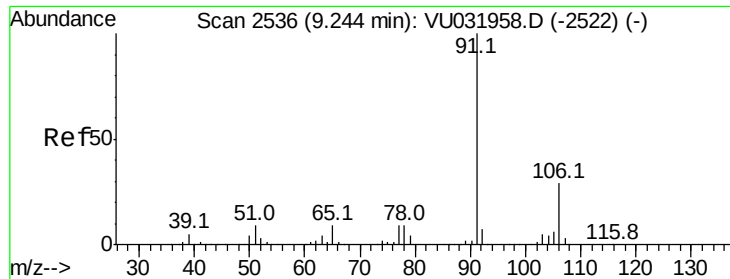
Tot Ion: 56 Resp: 635629
Ion Ratio Lower Upper
56 100
69 29.5 21.8 32.8
84 78.6 56.8 85.2



#35
Methylcyclohexane
Concen: 25.100 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU031966.D
Acq: 13 May 2019 12:54

Tgt Ion: 83 Resp: 1714199
Ion Ratio Lower Upper
83 100
55 91.8 79.2 118.8
98 44.0 34.0 51.0

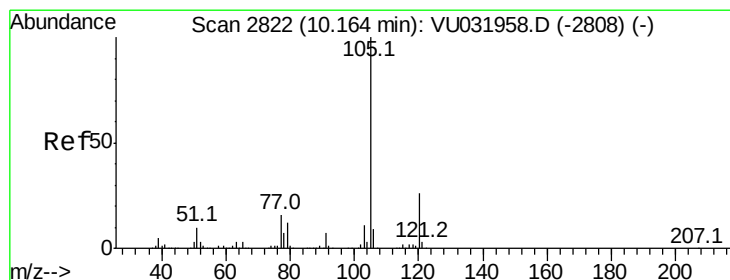
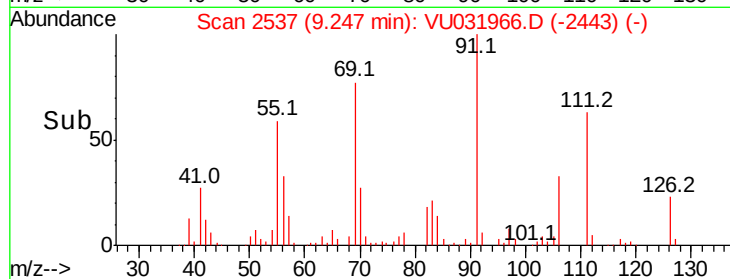
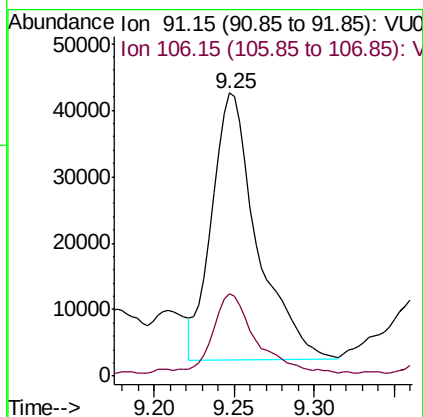
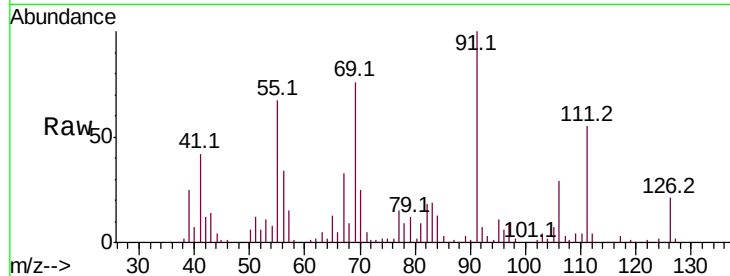




#52
Ethylbenzene
Concen: 0.403 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031966.D
Acq: 13 May 2019 12:54

Instrument :
MSVOA_U
ClientSampleId :
DB886

Tot Ion: 91 Resp: 78299
Ion Ratio Lower Upper
91 100
106 29.0 20.0 37.2



#56
Isopropylbenzene
Concen: 19.319 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU031966.D
Acq: 13 May 2019 12:54

Tgt Ion:105 Resp: 3420067
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4
77 16.6 14.8 22.2

