

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032024.D
 Acq On : 15 May 2019 12:13
 Operator : JC/SP
 Sample : K2738-06DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB888DL

Quant Time: May 16 09:40:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1100579	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1081908	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	485687	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	367096	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.02%
7) Chloroethane-d5	1.67	69	313495	40.09	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.18%
11) 1,1-Dichloroethene-d2	2.27	63	523288	30.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.46%
21) 2-Butanone-d5	4.17	46	589887	87.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.23%
24) Chloroform-d	4.64	84	663561	41.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.10%
26) 1,2-Dichloroethane-d4	5.30	65	426765	41.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.82%
32) Benzene-d6	5.33	84	1439583	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
36) 1,2-Dichloropropane-d6	6.32	67	463490	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.70%
41) Toluene-d8	7.56	98	1296137	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%
43) trans-1,3-Dichloropropene-	7.85	79	197163	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.48%
47) 2-Hexanone-d5	8.31	63	383110	91.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	666953	43.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	483184	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%

Target Compounds

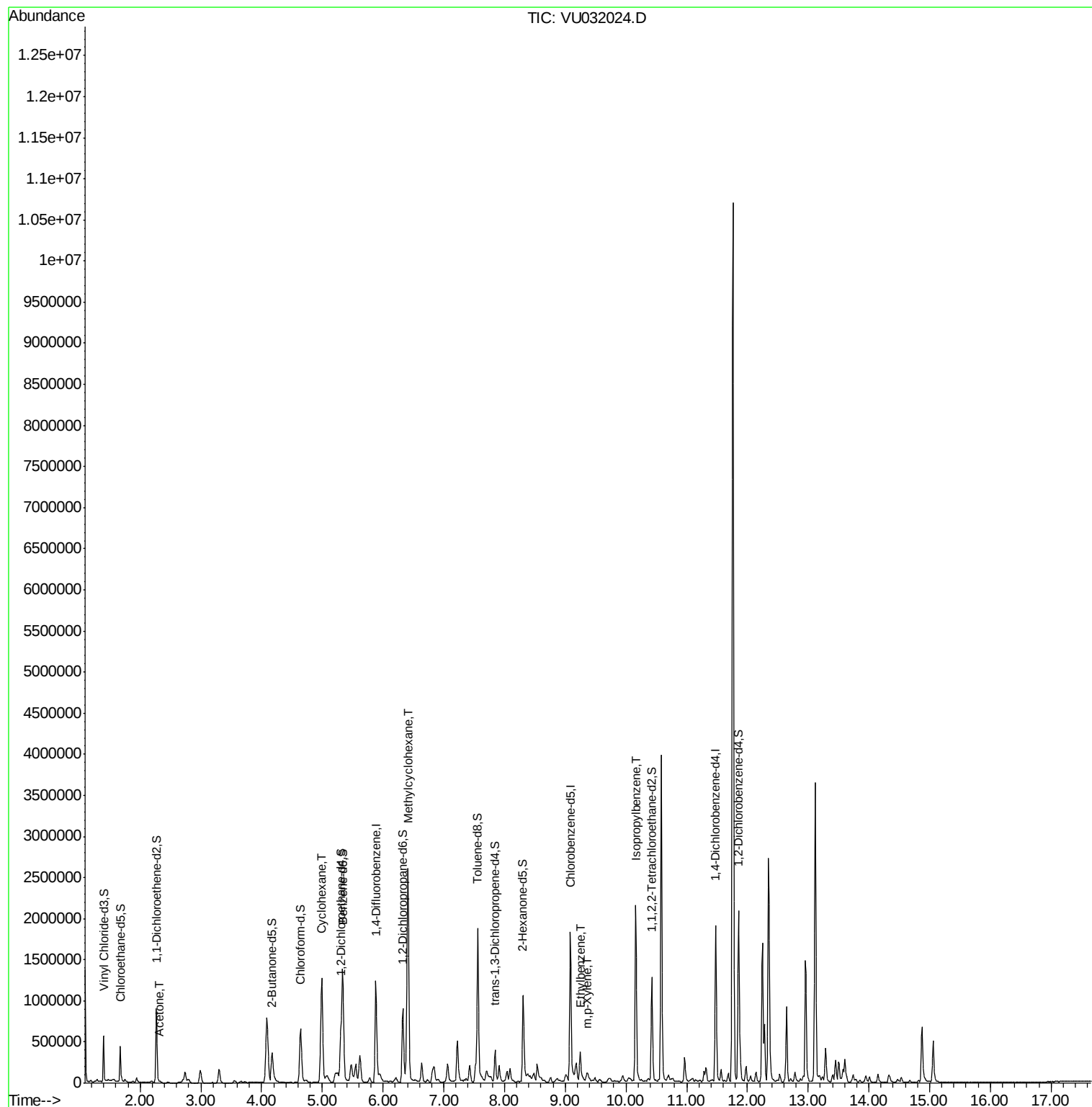
					Ovalue
13) Acetone	2.32	43	17159	2.468	ug/L 99
29) Cyclohexane	4.99	56	692792	52.240	ug/L 99
35) Methylcyclohexane	6.41	83	1107621	82.303	ug/L 97
52) Ethylbenzene	9.25	91	269932	6.936	ug/L 99
53) m,p-Xylene	9.37	106	14325	1.009	ug/L 89
56) Isopropylbenzene	10.16	105	1391665	38.733	ug/L 99

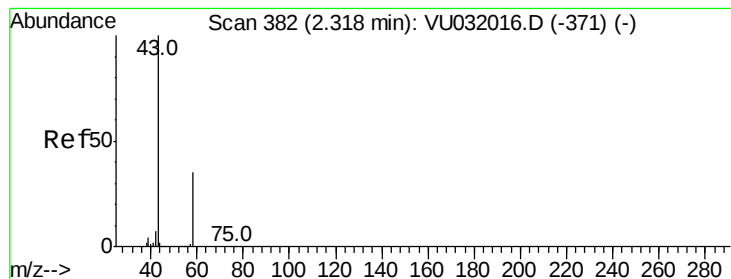
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.468 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032024.D

Acq: 15 May 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

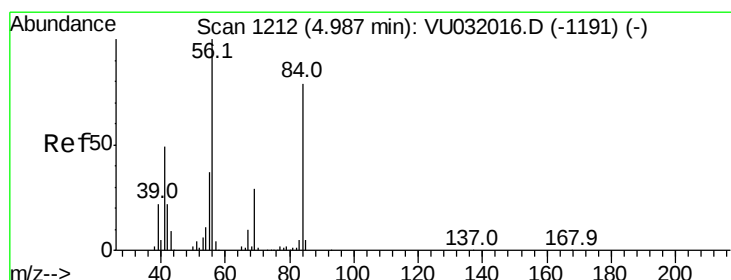
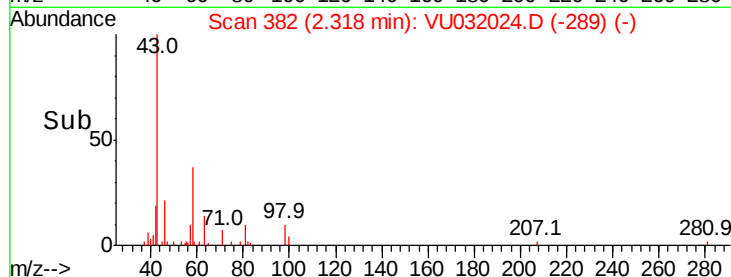
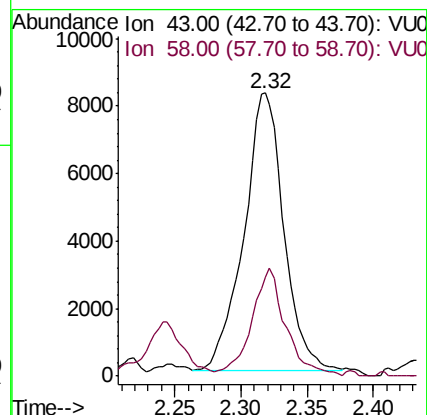
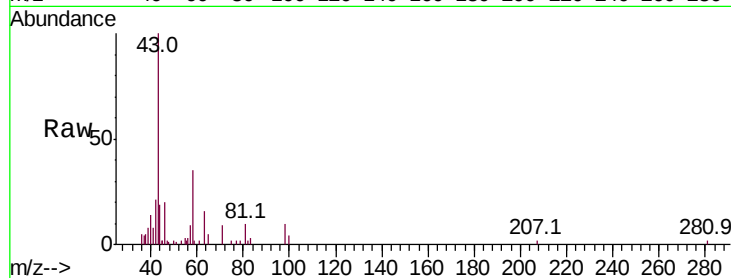
DB888DL

Tot Ion: 43 Resp: 17159

Ion Ratio Lower Upper

43 100

58 33.5 0.0 68.2



#29

Cyclohexane

Concen: 52.240 ug/L

RT: 4.99 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VU032024.D

Acq: 15 May 2019 12:13

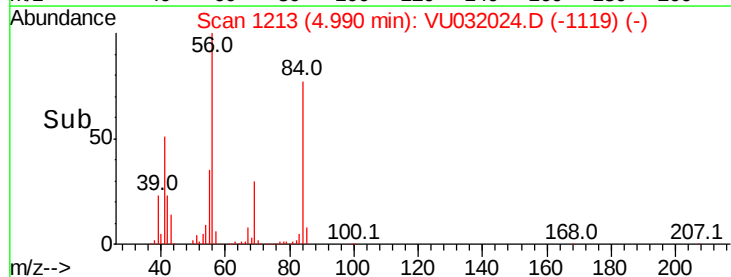
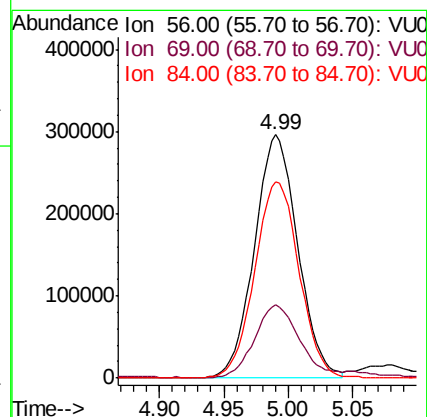
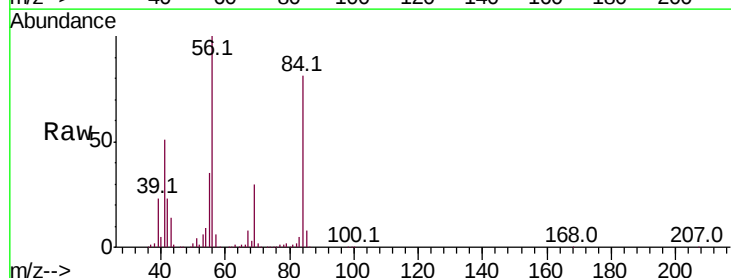
Tgt Ion: 56 Resp: 692792

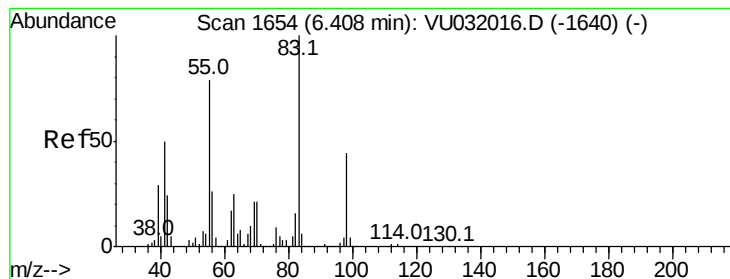
Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 82.5 65.5 98.3





#35

Methvlcvclohexane

Concen: 82.303 ug/L

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU032024.D

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Instrument :

MSVOA_U

ClientSampleId :

DB888DL

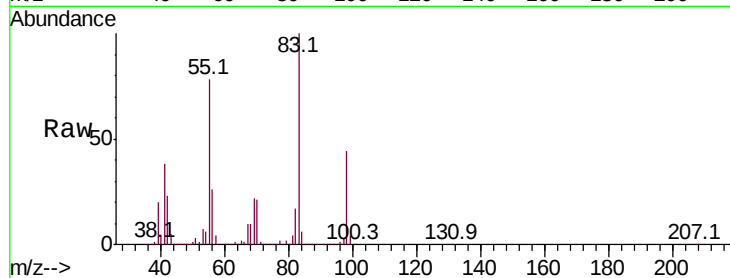
Tot Ion: 83 Resp: 1107621

Ion Ratio Lower Upper

83 100

55 83.8 64.0 96.0

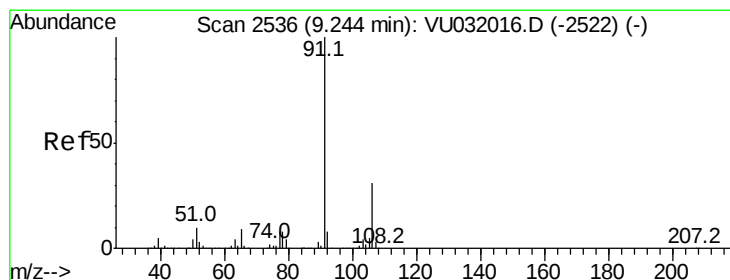
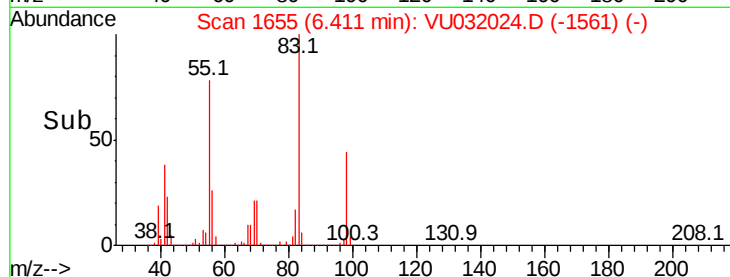
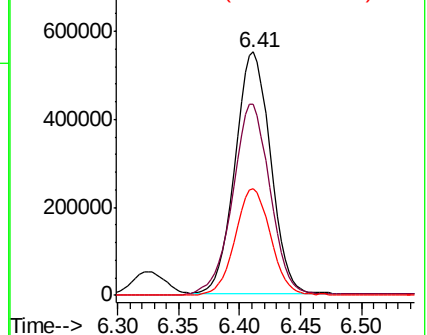
98 43.9 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#52

Ethylbenzene

Concen: 6.936 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032024.D

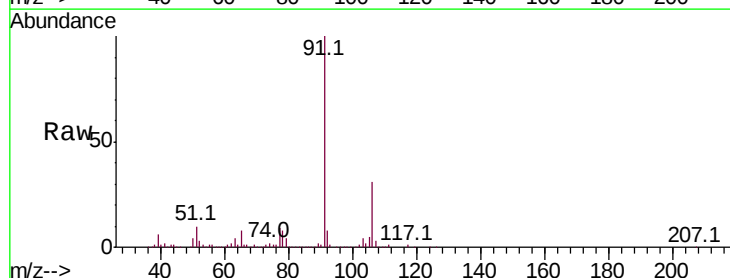
Acq: 15 May 2019 12:13

Tgt Ion: 91 Resp: 269932

Ion Ratio Lower Upper

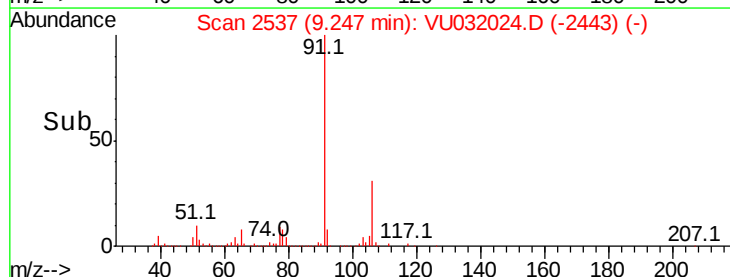
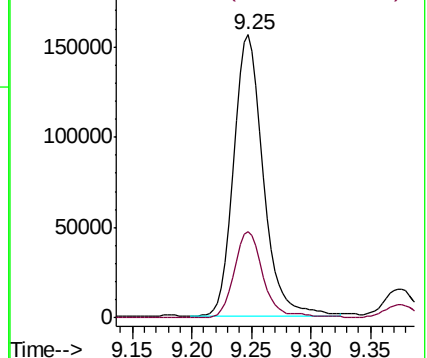
91 100

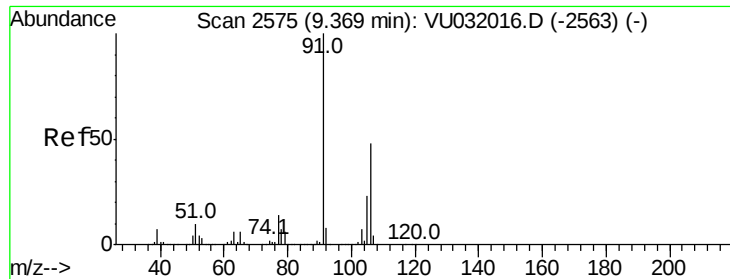
106 30.7 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 1.009 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032024.D

Acq: 15 May 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

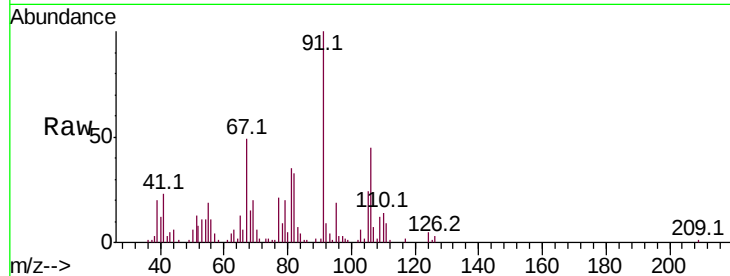
DB888DL

Tot Ion:106 Resp: 14325

Ion Ratio Lower Upper

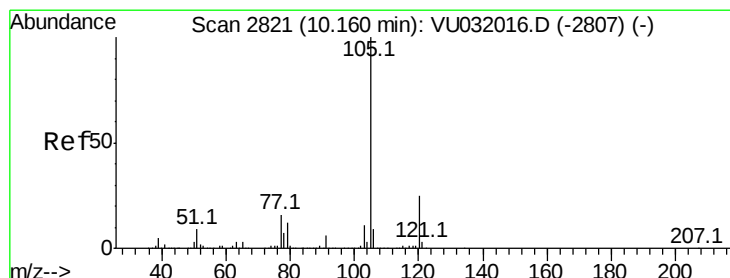
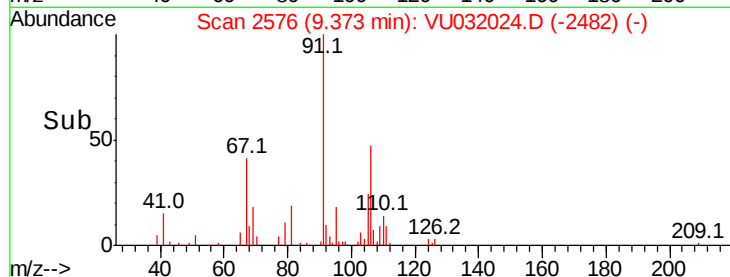
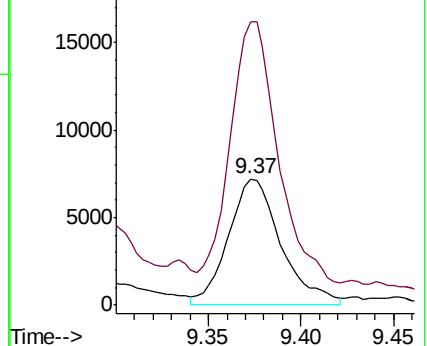
106 100

91 224.0 144.8 269.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 38.733 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. 0.00 min

Lab File: VU032024.D

Acq: 15 May 2019 12:13

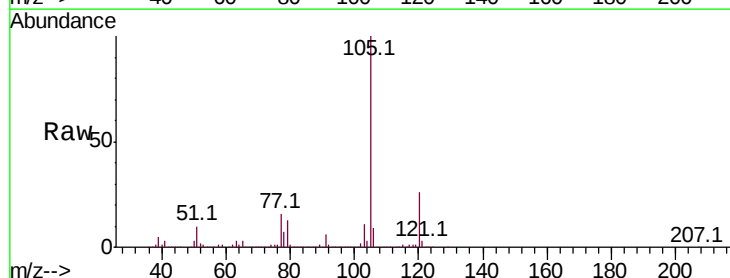
Tgt Ion:105 Resp: 1391665

Ion Ratio Lower Upper

105 100

120 26.2 20.5 30.7

77 16.1 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

