

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102519\
 Data File : VU035506.D
 Acq On : 25 Oct 2019 23:18
 Operator : JC/SP
 Sample : K5554-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ95

Quant Time: Oct 26 05:57:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 04:07:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	198994	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	217808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86488	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123425	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	106910	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	163265	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.71	46	280860	53.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	5.11	84	193323	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	109955	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.77	84	398235	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.74	67	132506	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.93	98	323094	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.22	79	46140	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.68	63	188222	50.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	101799	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	102740	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

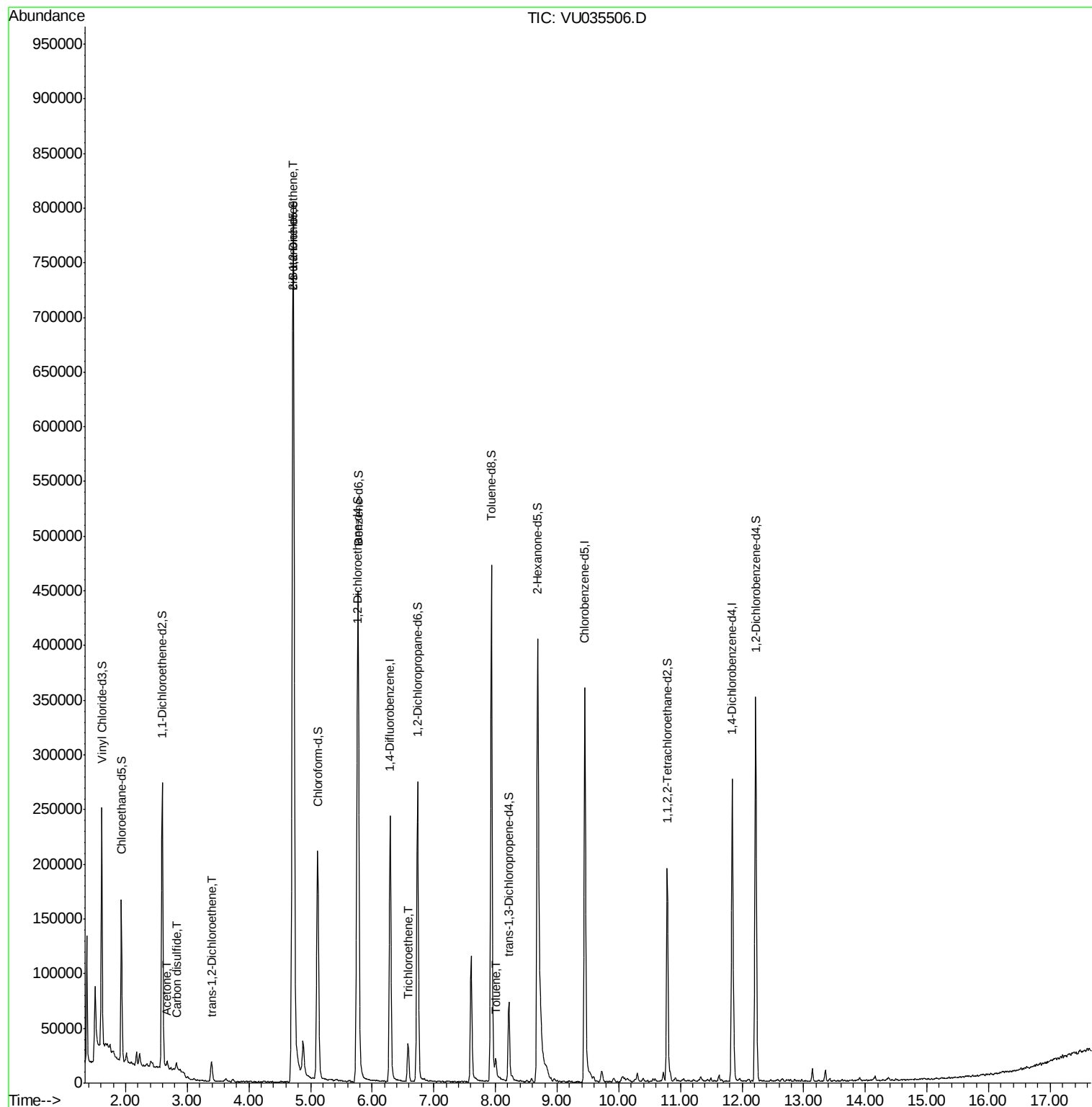
					Ovalue
13) Acetone	2.68	43	6135	1.542 ug/L	96
14) Carbon disulfide	2.82	76	8536	0.127 ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	7175	0.348 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	360161	16.388 ug/L	98
34) Trichloroethene	6.58	95	11698	0.549 ug/L	95
42) Toluene	8.01	91	10883	0.123 ug/L	96

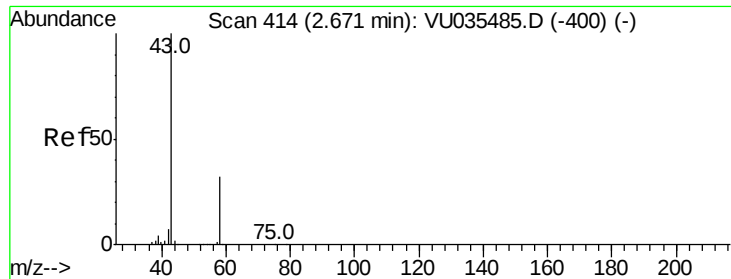
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.542 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU035506.D

Acq: 25 Oct 2019 23:18

Instrument :

MSVOA_U

ClientSampleId :

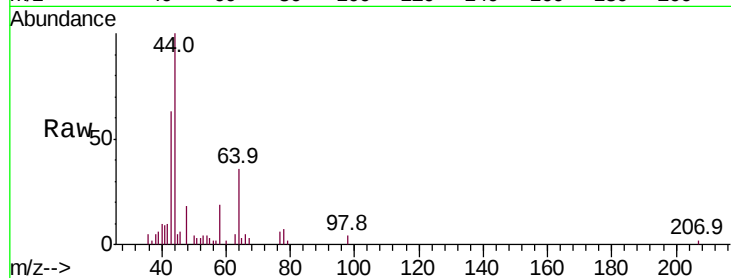
GAQ95

Tot Ion: 43 Resp: 6135

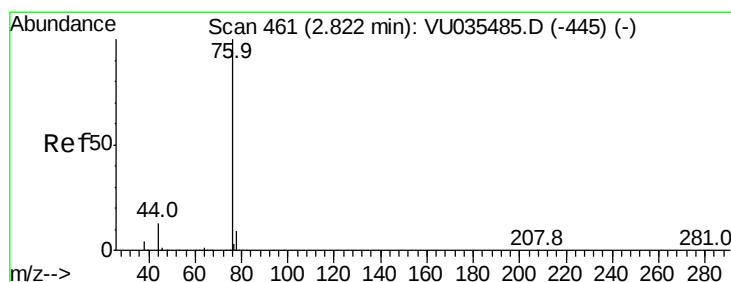
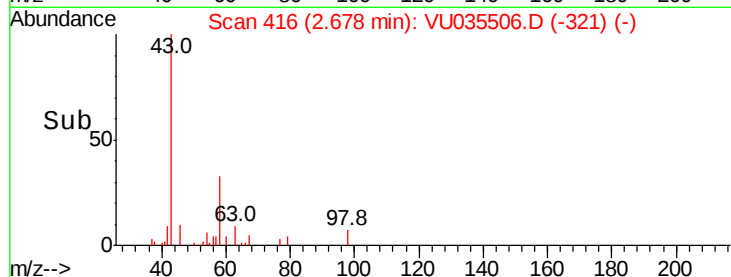
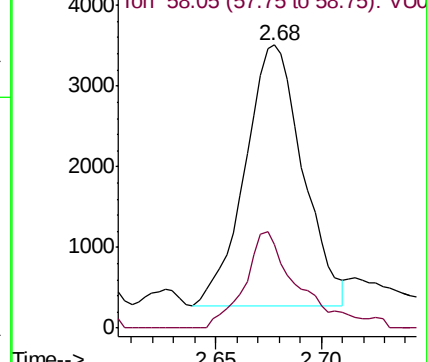
Ion Ratio Lower Upper

43 100

58 34.0 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU035485.D (-400) (-)



#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035506.D

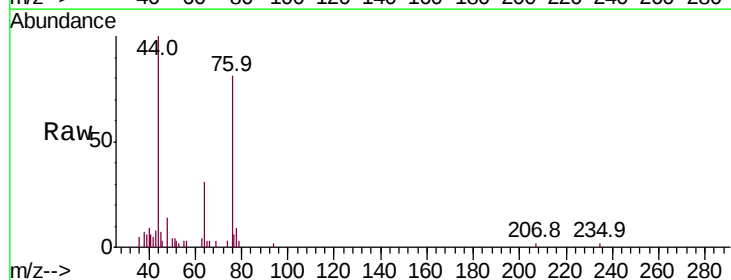
Acq: 25 Oct 2019 23:18

Tgt Ion: 76 Resp: 8536

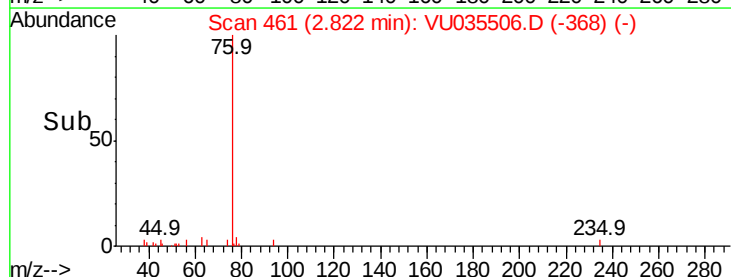
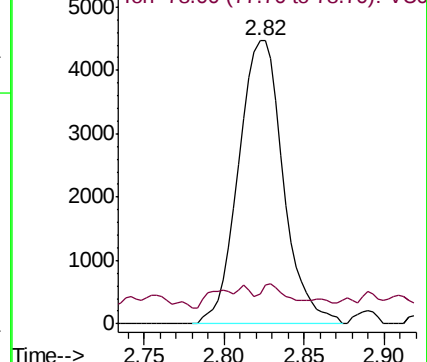
Ion Ratio Lower Upper

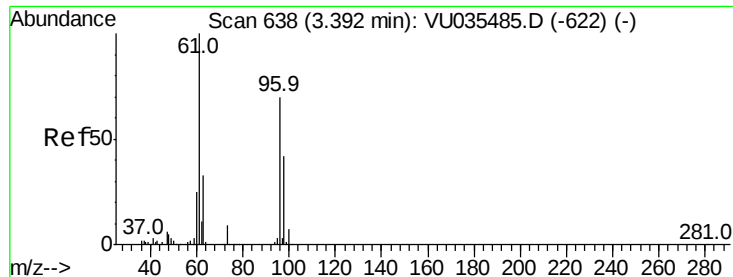
76 100

78 10.8 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035485.D (-445) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.348 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU035506.D

Acq: 25 Oct 2019 23:18

Instrument :

MSVOA_U

ClientSampleId :

GAQ95

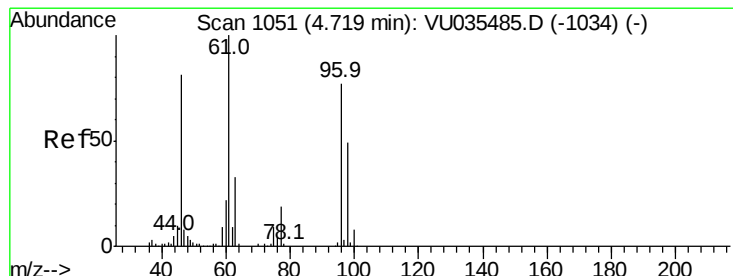
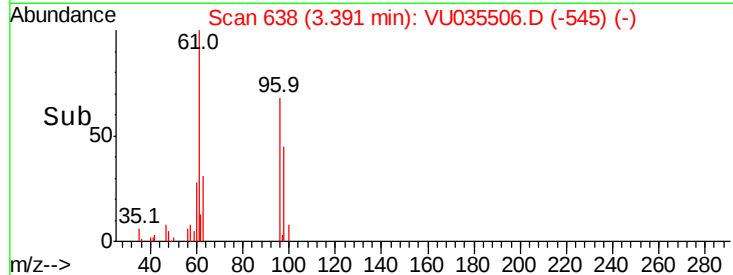
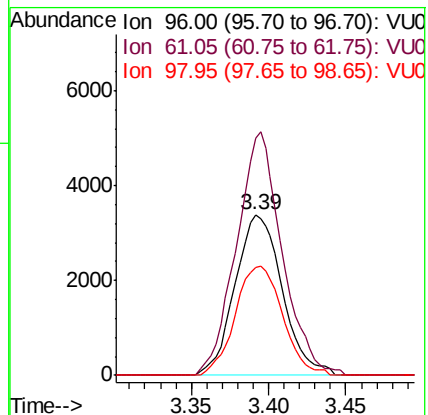
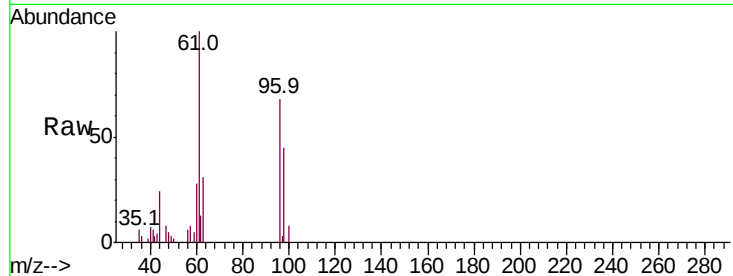
Tot Ion: 96 Resp: 7175

Ion Ratio Lower Upper

96 100

61 147.9 99.0 184.0

98 66.9 43.8 81.4



#22

cis-1,2-Dichloroethene

Concen: 16.388 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VU035506.D

Acq: 25 Oct 2019 23:18

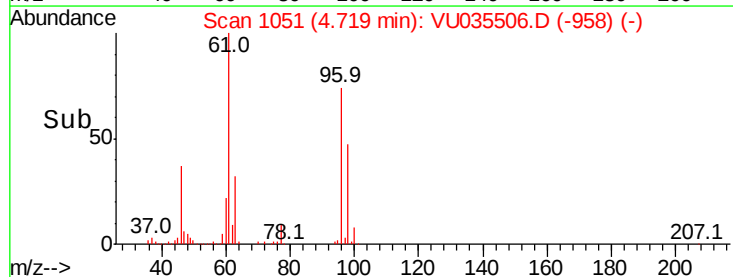
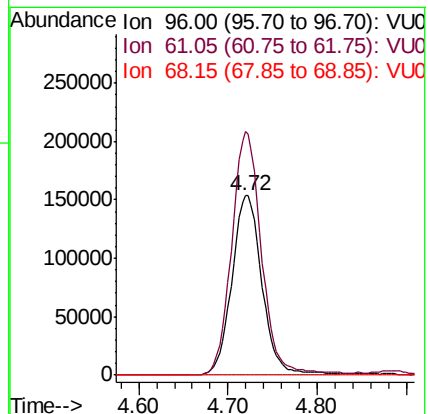
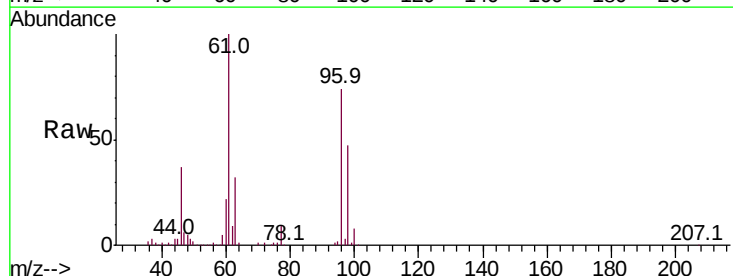
Tgt Ion: 96 Resp: 360161

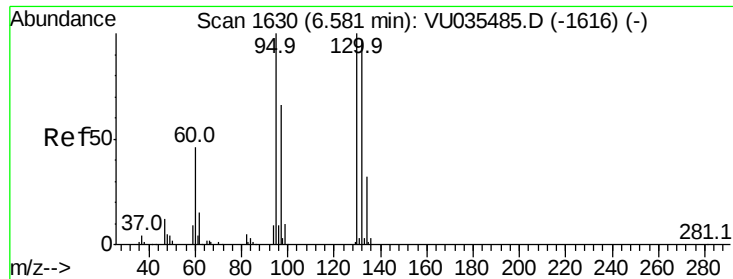
Ion Ratio Lower Upper

96 100

61 135.6 93.6 173.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.549 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035506.D

Acq: 25 Oct 2019 23:18

Instrument :

MSVOA_U

ClientSampleId :

GAQ95

Tot Ion: 95 Resp: 11698

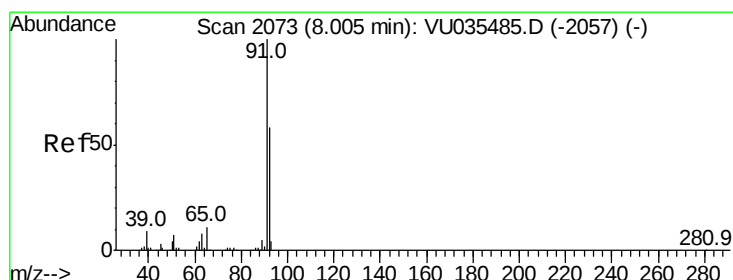
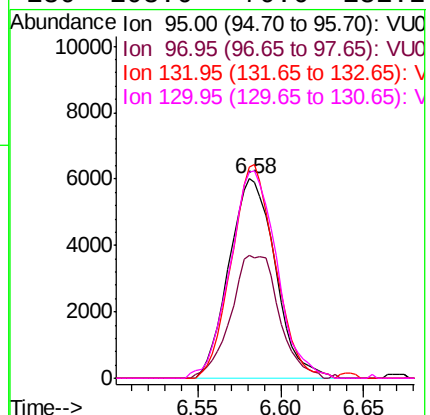
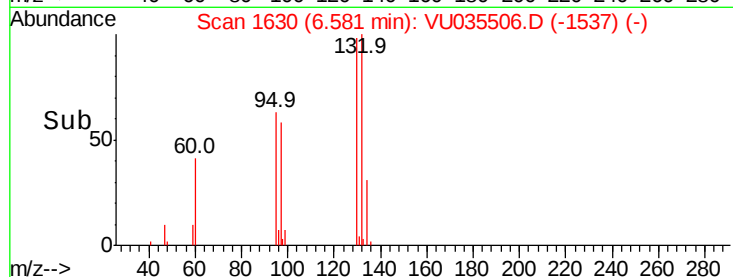
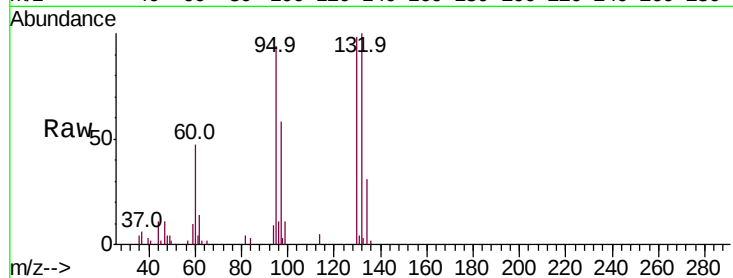
Ion Ratio Lower Upper

95 100

97 61.5 43.8 81.4

132 106.1 67.3 124.9

130 103.6 70.6 131.2



#42

Toluene

Concen: 0.123 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035506.D

Acq: 25 Oct 2019 23:18

Tgt Ion: 91 Resp: 10883

Ion Ratio Lower Upper

91 100

92 55.6 40.9 75.9

