

Data File : VU031735.D
Acq On : 03 May 2019 09:28
Operator : JC/SP
Sample : VU0503MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Quant Time: May 04 02:38:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	784451	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	764478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	315152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	308546	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	247123	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.42%
11) 1,1-Dichloroethene-d2	2.27	63	442793	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.74%
21) 2-Butanone-d5	4.19	46	661952	111.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.28%
24) Chloroform-d	4.64	84	532756	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
26) 1,2-Dichloroethane-d4	5.31	65	365922	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
32) Benzene-d6	5.34	84	1075708	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.33	67	377653	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.46%
41) Toluene-d8	7.56	98	907117	44.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.74%
43) trans-1,3-Dichloropropene-	7.85	79	151901	42.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.70%
47) 2-Hexanone-d5	8.31	63	394682	110.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	516244	46.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	319259	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%

Target Compounds

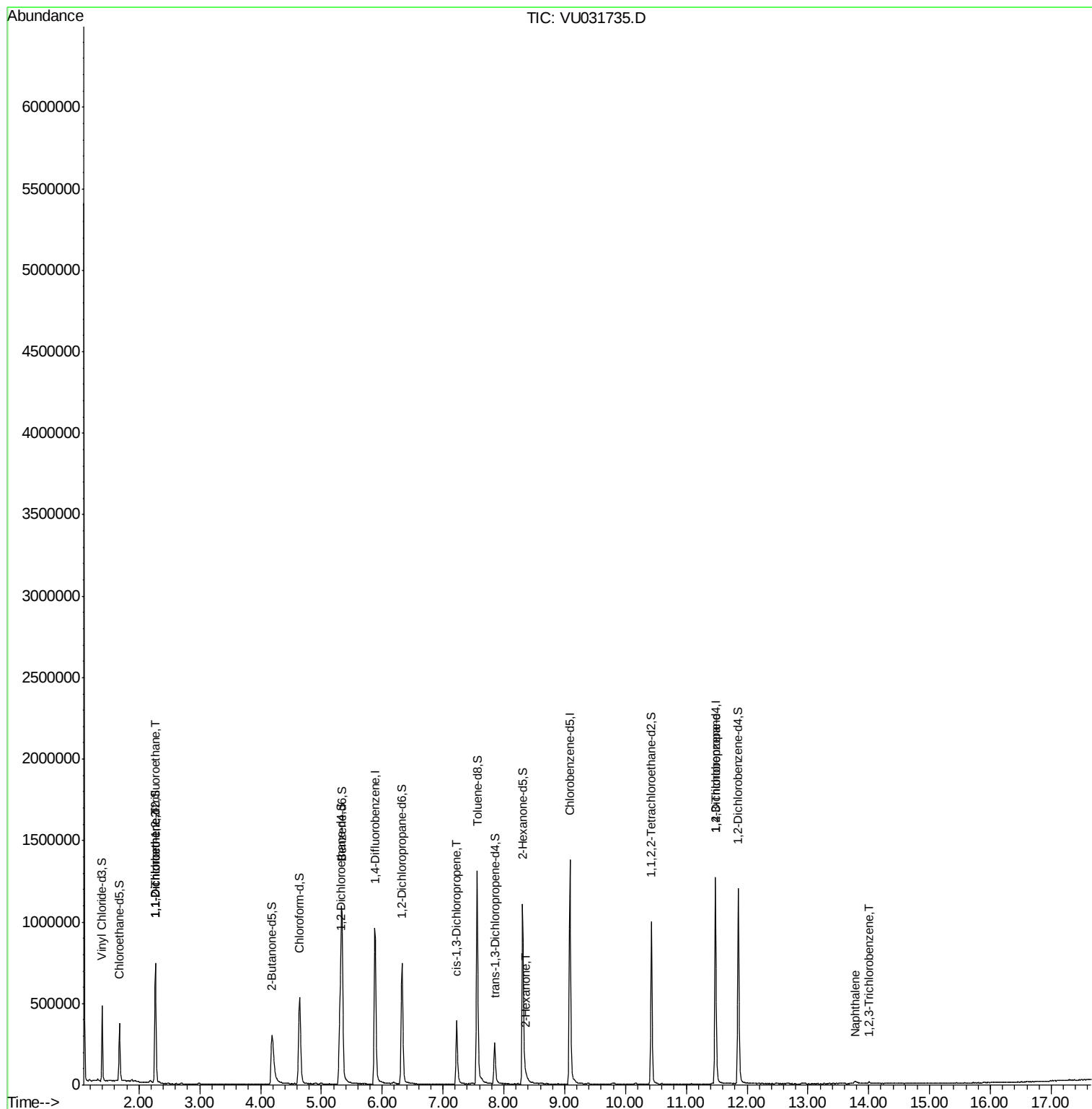
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4395	0.699	ug/L #	26
12) 1,1-Dichloroethene	2.27	96	3862	0.631	ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	8253	0.783	ug/L #	61
48) 2-Hexanone	8.37	43	27645	2.784	ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	44388	4.692	ug/L	96
69) Naphthalene	13.77	128	8105	0.384	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.01	180	3390	0.481	ug/L #	66

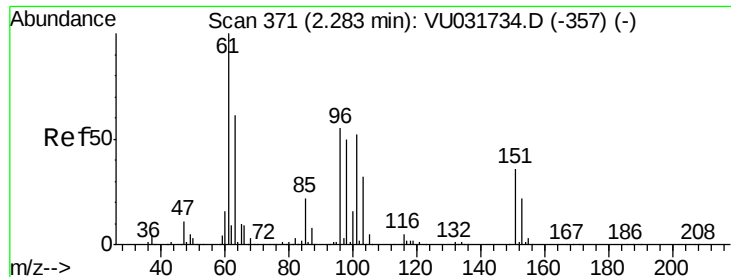
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.699 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031735.D

Acq: 03 May 2019 09:28

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

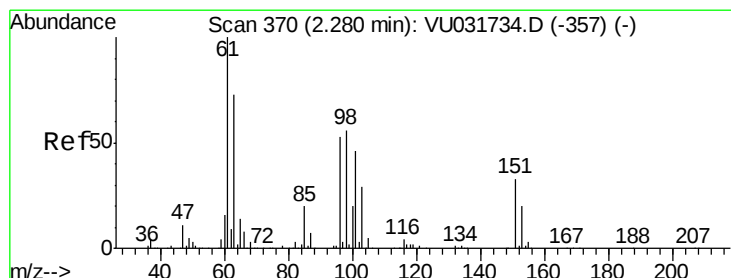
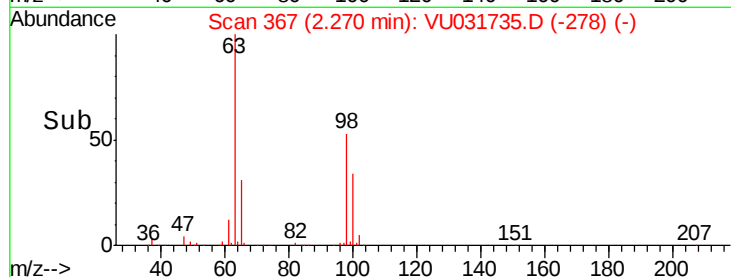
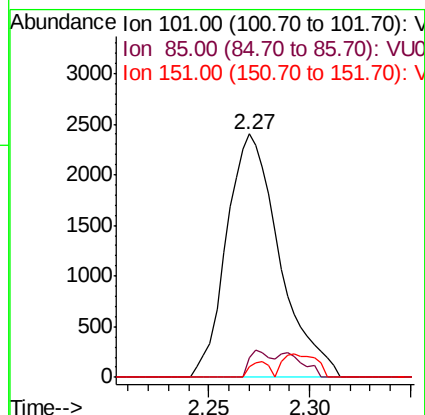
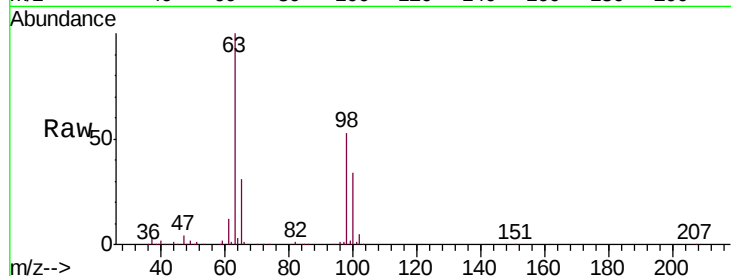
Tgt Ion: 101 Resp: 4395

Ion Ratio Lower Upper

101 100

85 4.8 36.1 54.1#

151 2.3 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.631 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031735.D

Acq: 03 May 2019 09:28

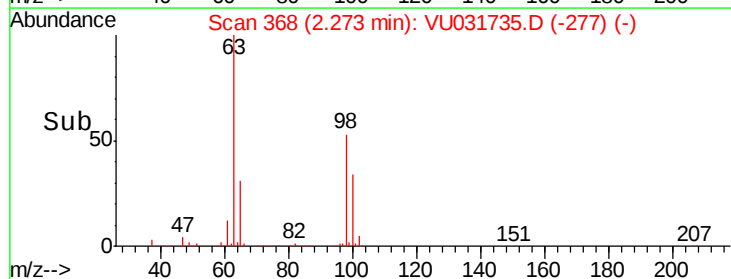
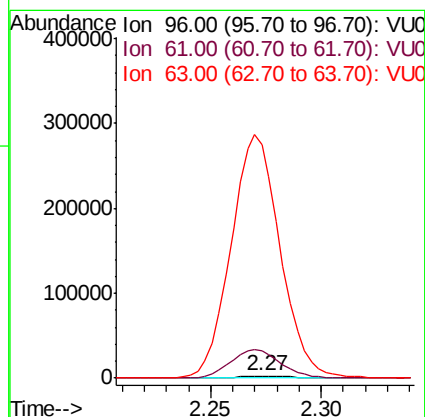
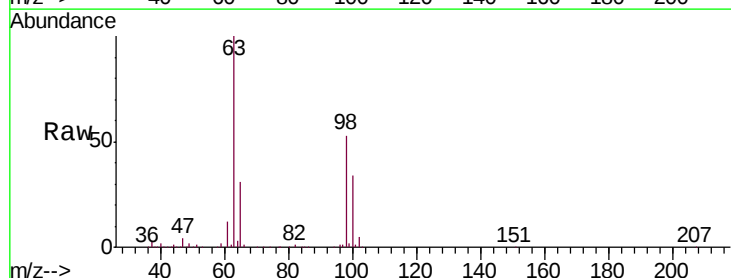
Tgt Ion: 96 Resp: 3862

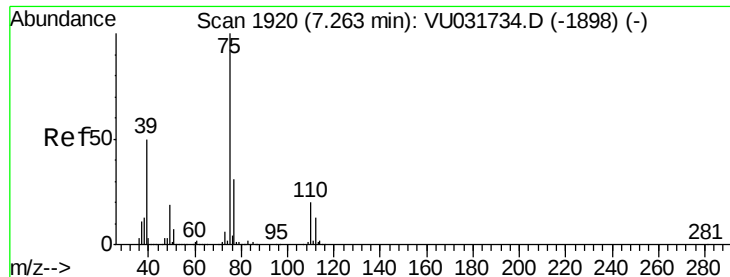
Ion Ratio Lower Upper

96 100

61 1546.2 135.0 250.6#

63 13077.6 103.5 192.3#





#39

cis-1,3-Dichloropropene

Concen: 0.783 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU031735.D

Acq: 03 May 2019 09:28

Instrument :

MSVOA_U

ClientSampled :

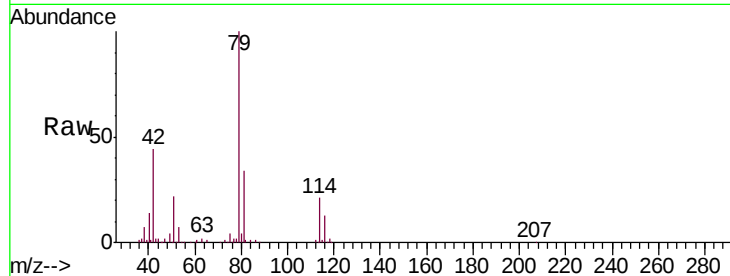
VBLK56

Tgt Ion: 75 Resp: 8253

Ion Ratio Lower Upper

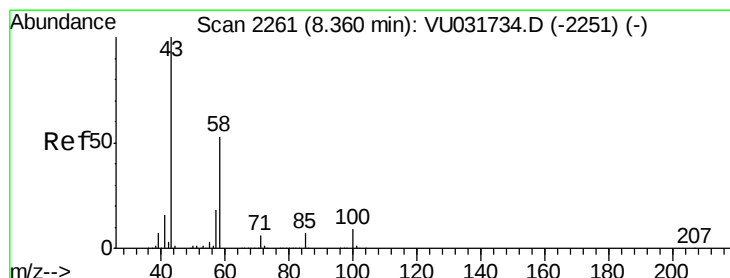
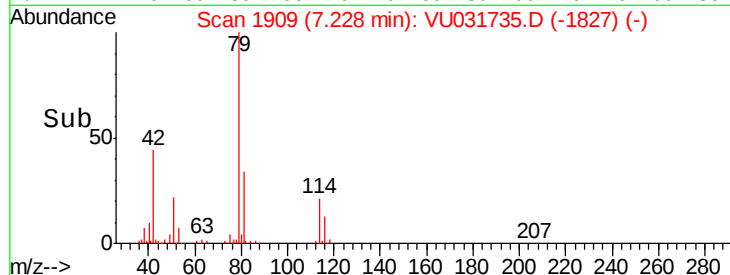
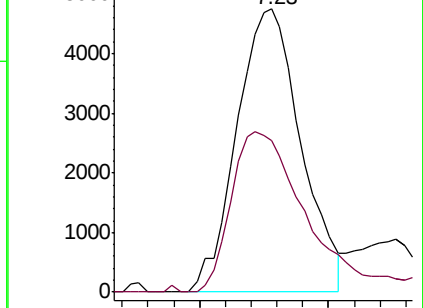
75 100

77 53.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031735.D (-1827) (-)

Ion 77.00 (76.70 to 77.70): VU031735.D (-1827) (-)



#48

2-Hexanone

Concen: 2.784 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU031735.D

Acq: 03 May 2019 09:28

Tgt Ion: 43 Resp: 27645

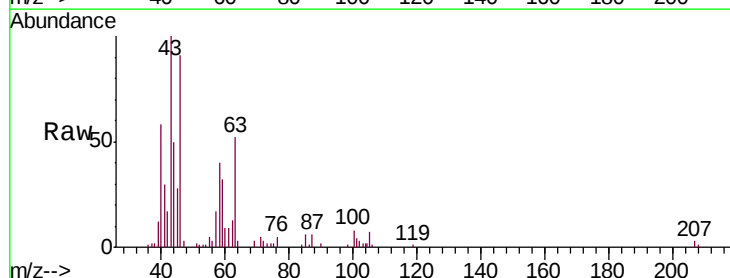
Ion Ratio Lower Upper

43 100

58 6.7 42.1 63.1#

57 1.7 14.6 22.0#

100 4.7 7.2 10.8#

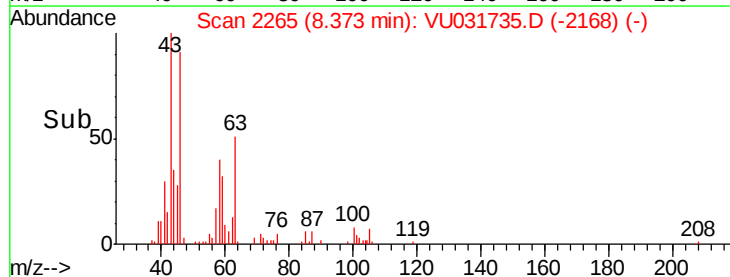
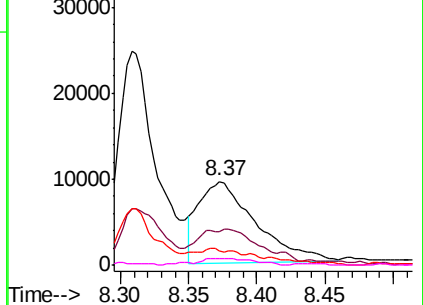


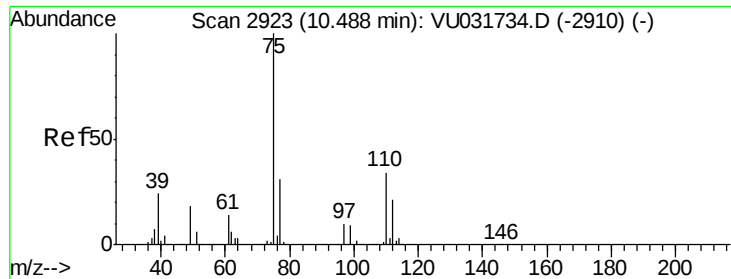
Abundance Ion 43.00 (42.70 to 43.70): VU031735.D (-2168) (-)

Ion 58.00 (57.70 to 58.70): VU031735.D (-2168) (-)

Ion 57.00 (56.70 to 57.70): VU031735.D (-2168) (-)

Ion 100.00 (99.70 to 100.70): VU031735.D (-2168) (-)

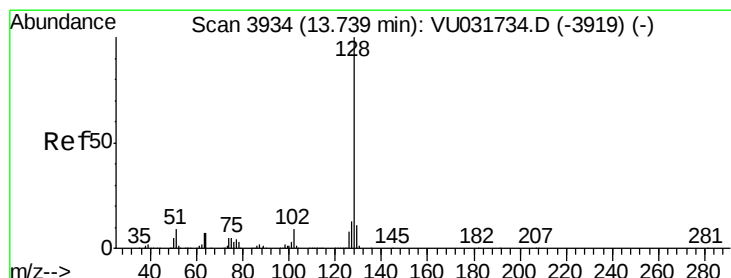
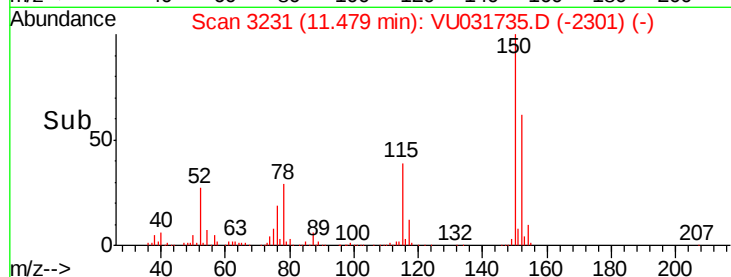
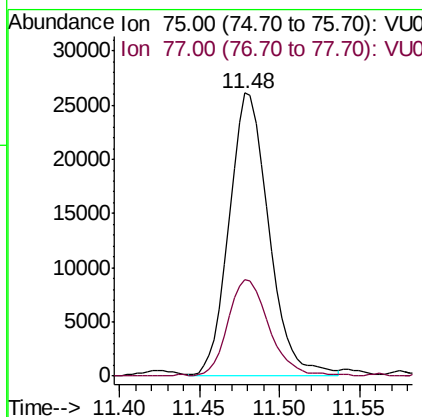
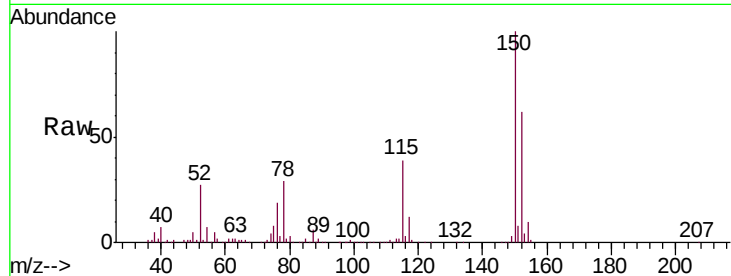




#59
 1,2,3-Trichloropropane
 Concen: 4.692 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031735.D
 Acq: 03 May 2019 09:28

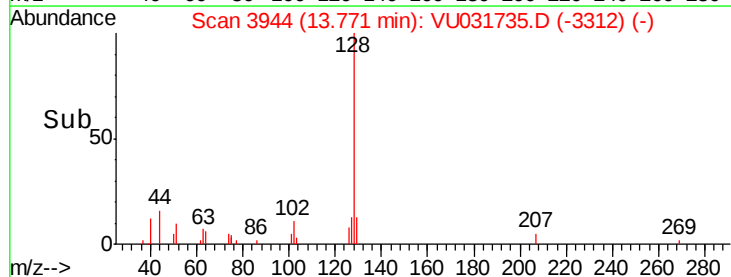
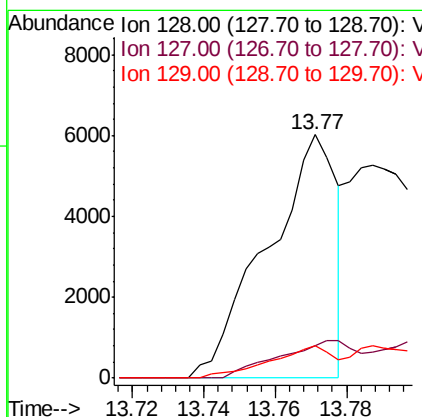
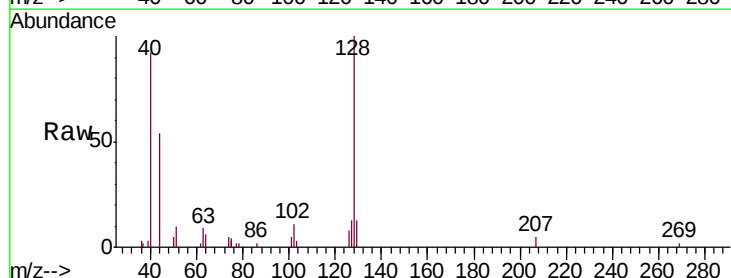
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK56

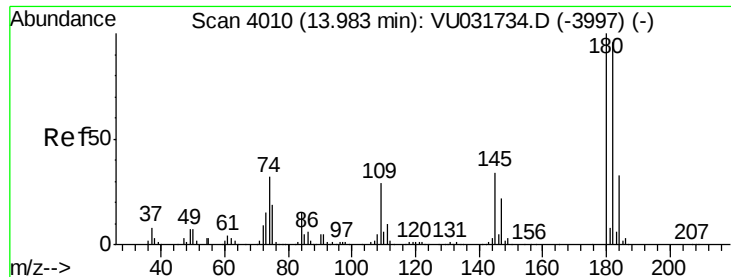
Tgt Ion: 75 Resp: 44388
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.9 38.9



#69
 Naphthalene
 Concen: 0.384 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.03 min
 Lab File: VU031735.D
 Acq: 03 May 2019 09:28

Tgt Ion: 128 Resp: 8105
 Ion Ratio Lower Upper
 128 100
 127 17.0 10.6 15.8#
 129 12.1 8.7 13.1





#70
 1,2,3-Trichlorobenzene
 Concen: 0.481 ug/L
 RT: 14.01 min Scan# 4017
 Delta R.T. 0.02 min
 Lab File: VU031735.D
 Acq: 03 May 2019 09:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK56

Tgt Ion:180 Resp: 3390
 Ion Ratio Lower Upper
 180 100
 182 59.6 76.1 114.1#
 145 18.4 26.0 39.0#

