

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030695.D
 Acq On : 04 Apr 2019 20:10
 Operator : JC/SP
 Sample : VU0405WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK42

Quant Time: Apr 05 02:21:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468590	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	465110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	196870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	201895	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.54%
7) Chloroethane-d5	1.68	69	160095	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.86%
11) 1,1-Dichloroethene-d2	2.27	63	280762	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	4.17	46	358585	108.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.16%
24) Chloroform-d	4.64	84	300977	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.31	65	220822	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
32) Benzene-d6	5.33	84	662619	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	230166	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.92%
41) Toluene-d8	7.56	98	584140	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	7.85	79	102577	48.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.68%
47) 2-Hexanone-d5	8.31	63	216200	101.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306644	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	196607	50.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.56%

Target Compounds

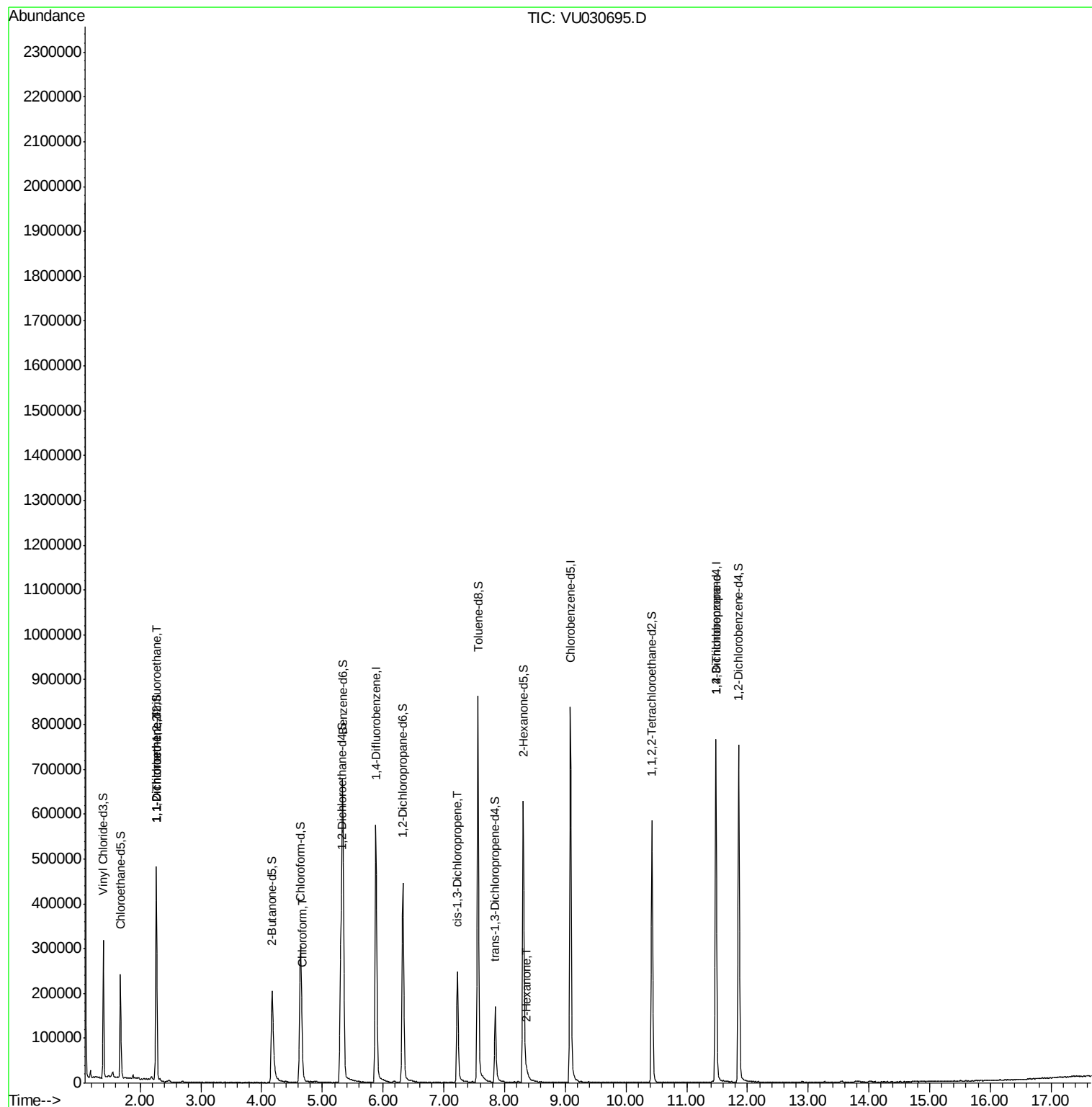
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2563	0.764 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2416	0.746 ug/L #	1
25) Chloroform	4.67	83	26750	3.750 ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	6027	0.982 ug/L	87
48) 2-Hexanone	8.37	43	5141	0.951 ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	26242	5.084 ug/L	92

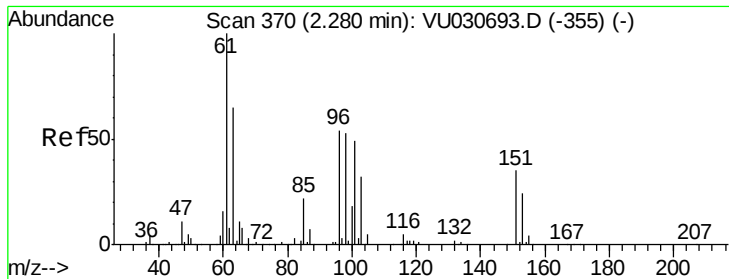
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.764 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030695.D

Acq: 04 Apr 2019 20:10

Instrument :

MSVOA_U

ClientSampled :

VBLK42

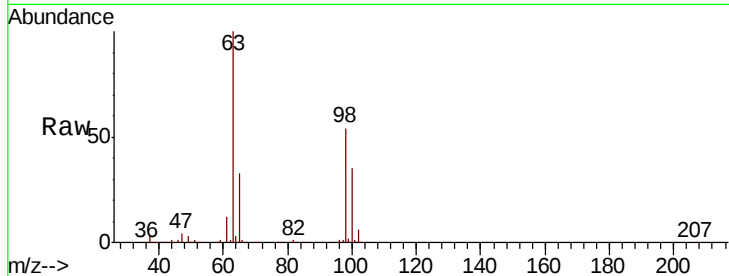
Tot Ion:101 Resp: 2563

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

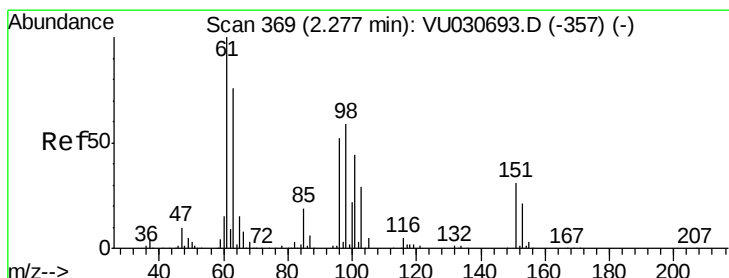
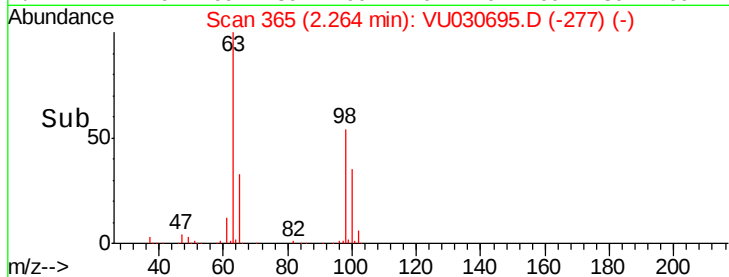
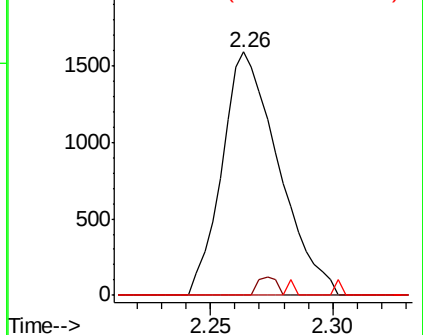
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.746 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030695.D

Acq: 04 Apr 2019 20:10

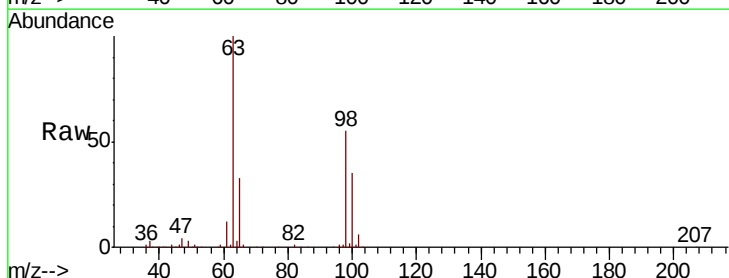
Tgt Ion: 96 Resp: 2416

Ion Ratio Lower Upper

96 100

61 1449.2 132.0 245.2#

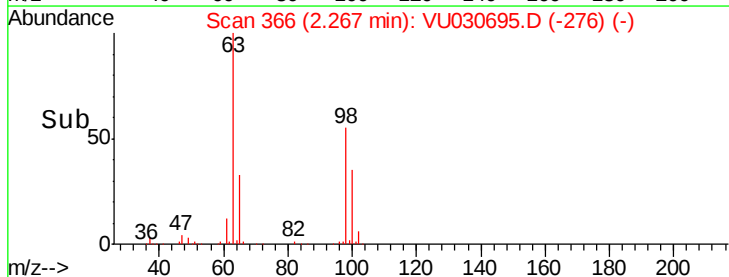
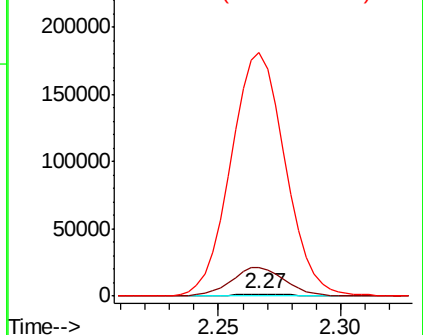
63 12196.6 90.9 168.9#

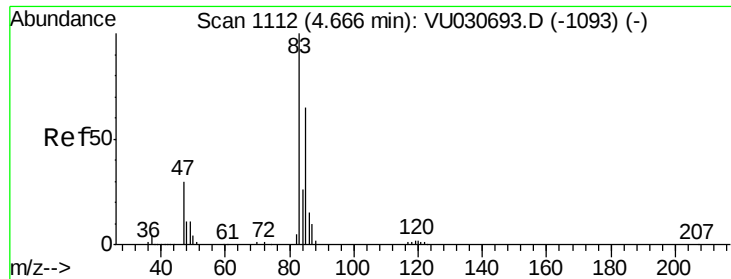


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

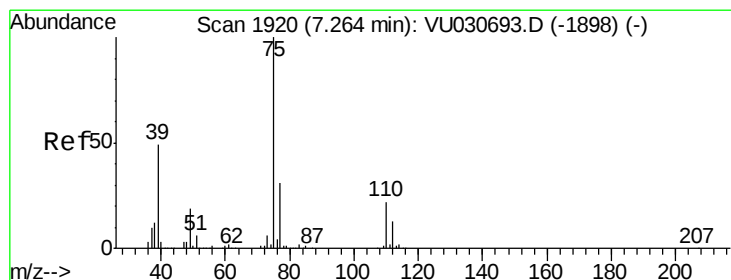
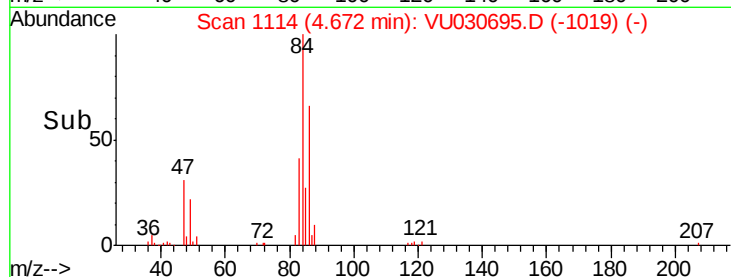
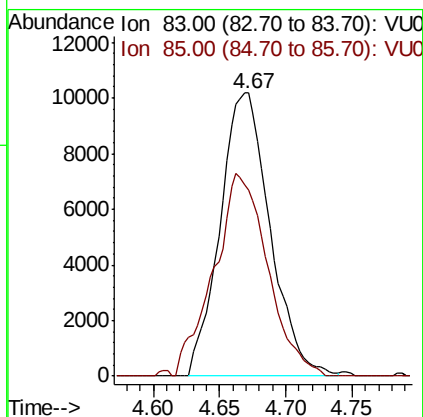
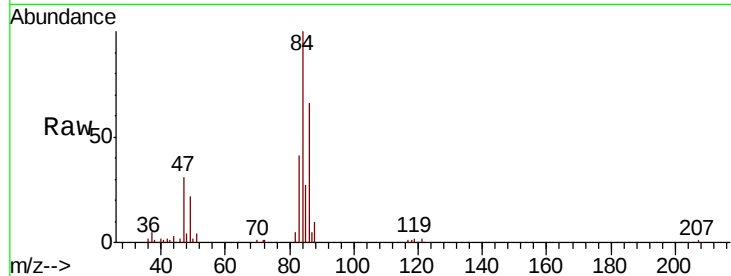




#25
Chloroform
Concen: 3.750 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU030695.D
Acq: 04 Apr 2019 20:10

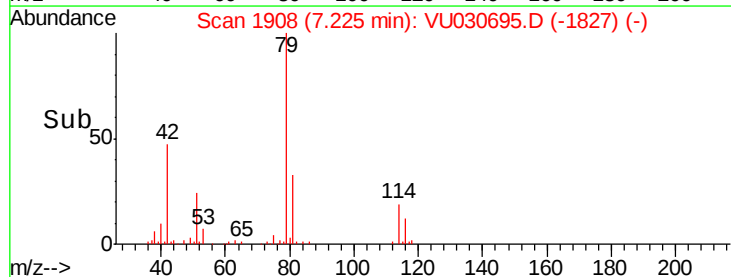
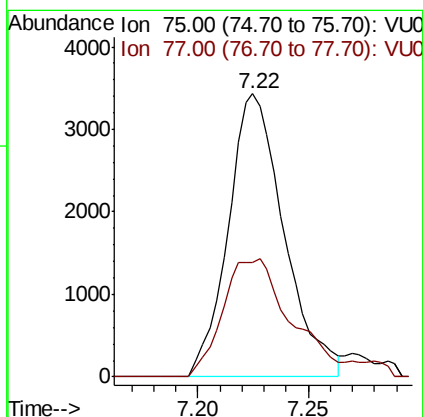
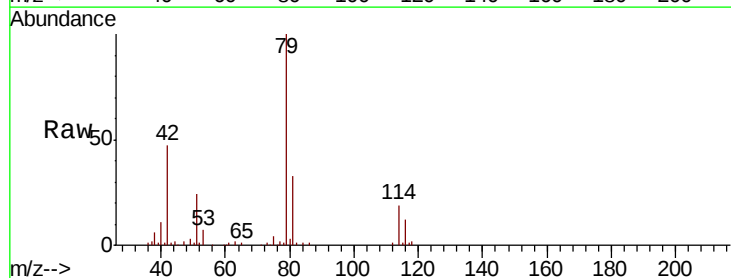
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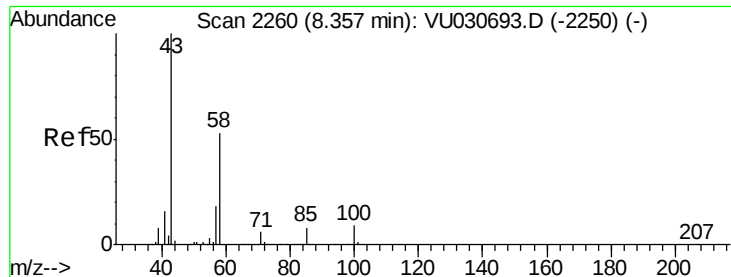
Tot Ion: 83 Resp: 26750
Ion Ratio Lower Upper
83 100
85 65.7 45.8 85.0



#39
cis-1,3-Dichloropropene
Concen: 0.982 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030695.D
Acq: 04 Apr 2019 20:10

Tgt Ion: 75 Resp: 6027
Ion Ratio Lower Upper
75 100
77 40.6 23.1 42.9

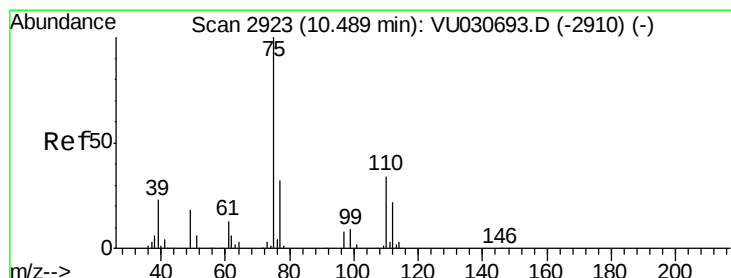
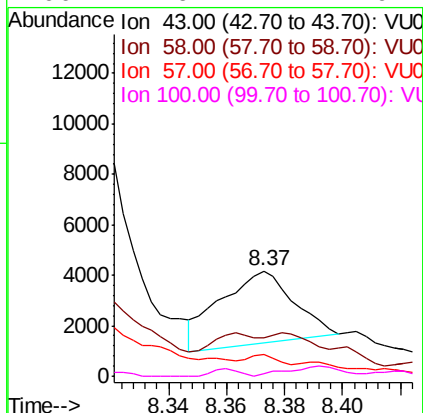
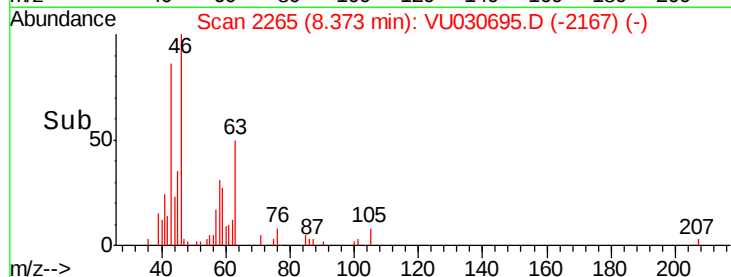
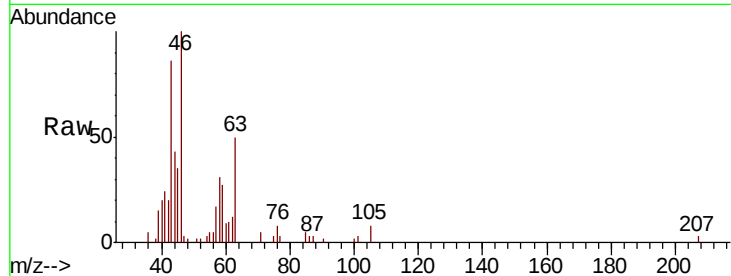




#48
2-Hexanone
Concen: 0.951 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.02 min
Lab File: VU030695.D
Acq: 04 Apr 2019 20:10

Instrument :
MSVOA_U
ClientSampleId :
VBLK42

Tot Ion: 43 Resp: 5141
Ion Ratio Lower Upper
43 100
58 0.0 41.9 62.9#
57 11.0 14.3 21.5#
100 2.6 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 5.084 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030695.D
Acq: 04 Apr 2019 20:10

Tgt Ion: 75 Resp: 26242
Ion Ratio Lower Upper
75 100
77 36.9 26.1 39.1

