

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102619\
 Data File : VU035522.D
 Acq On : 26 Oct 2019 16:44
 Operator : JC/SP
 Sample : K5536-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 02:29:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	668549	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	629096	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	227540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	227760	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.38%
7) Chloroethane-d5	1.93	69	197402	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.16%
11) 1,1-Dichloroethene-d2	2.59	63	292498	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.40%
21) 2-Butanone-d5	4.69	46	352174	101.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	5.11	84	384782	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	5.75	65	250456	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
32) Benzene-d6	5.77	84	803955	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
36) 1,2-Dichloropropane-d6	6.74	67	265752	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.92%
41) Toluene-d8	7.93	98	724498	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%
43) trans-1,3-Dichloropropene-	8.21	79	125684	48.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.88%
47) 2-Hexanone-d5	8.68	63	241454	119.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.17%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	353897	45.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.70%
64) 1,2-Dichlorobenzene-d4	12.22	152	219450	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

Target Compounds

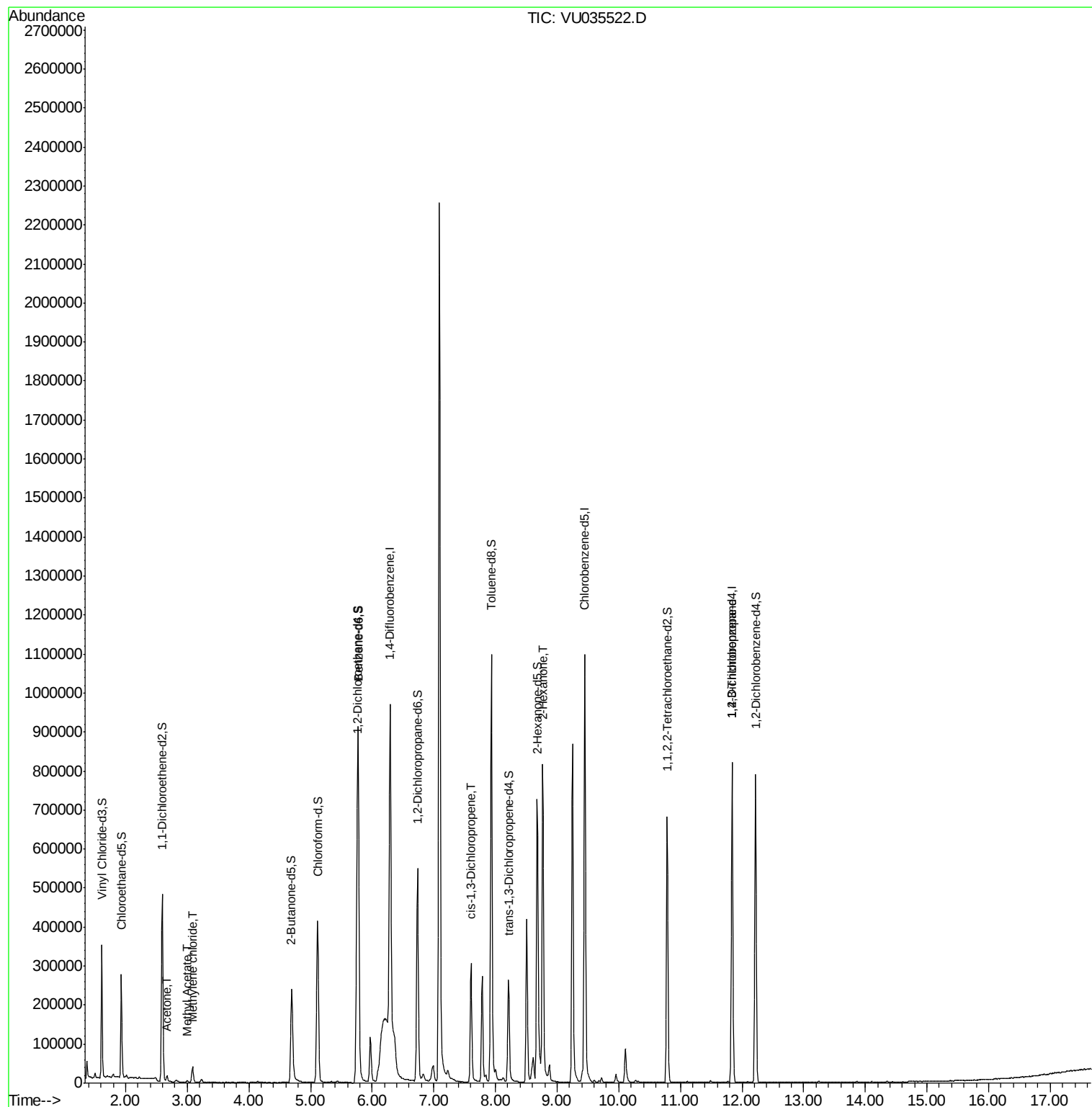
					Ovalue
13) Acetone	2.67	43	16369	4.696 ug/L	99
15) Methyl Acetate	3.00	43	5412	0.945 ug/L	94
16) Methylene chloride	3.09	84	19691	3.740 ug/L	95
39) cis-1,3-Dichloropropene	7.60	75	7485	0.975 ug/L #	56
48) 2-Hexanone	8.77	43	112110	19.356 ug/L #	1
59) 1,2,3-Trichloropropane	11.84	75	28532	4.280 ug/L	95

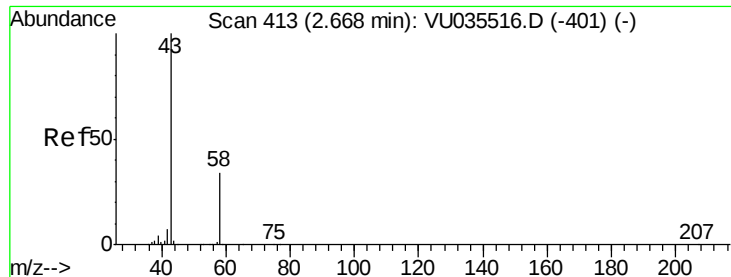
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.696 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035522.D

Acq: 26 Oct 2019 16:44

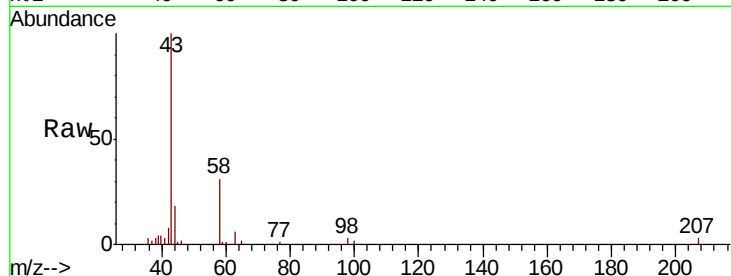
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 16369

Ion Ratio Lower Upper

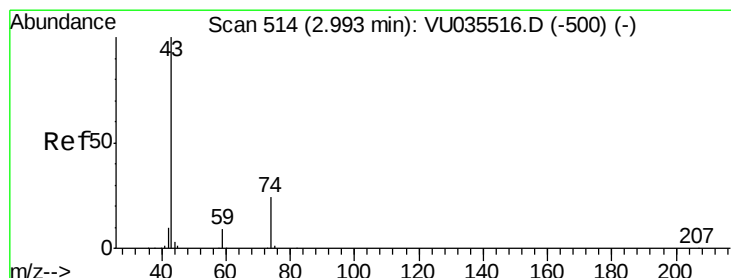
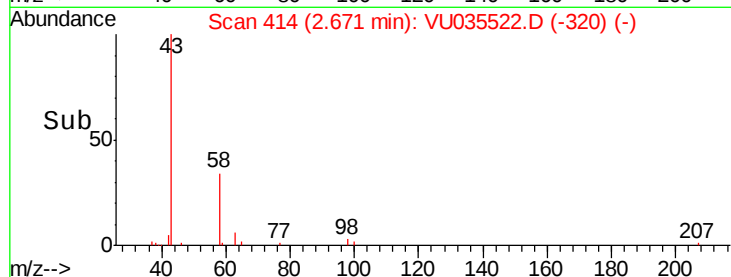
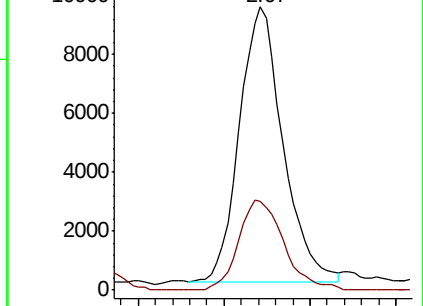
43 100

58 34.1 0.0 66.6



Abundance Ion 43.00 (42.70 to 43.70): VU035516.D (-401) (-)

Ion 58.00 (57.70 to 58.70): VU035516.D (-401) (-)



#15

Methyl Acetate

Concen: 0.945 ug/L

RT: 3.00 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU035522.D

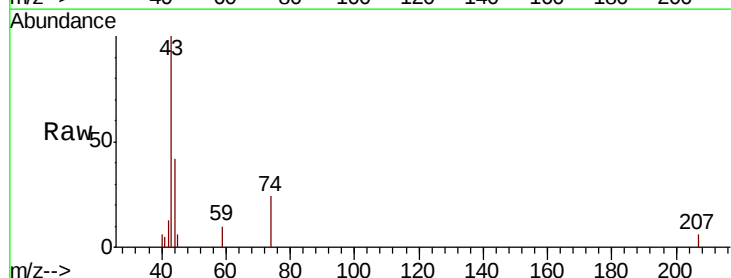
Acq: 26 Oct 2019 16:44

Tgt Ion: 43 Resp: 5412

Ion Ratio Lower Upper

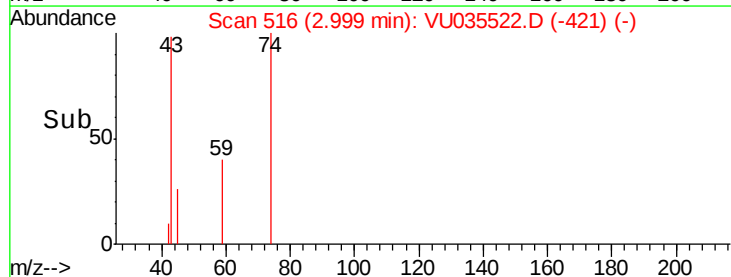
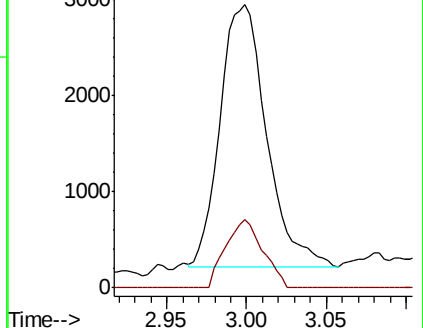
43 100

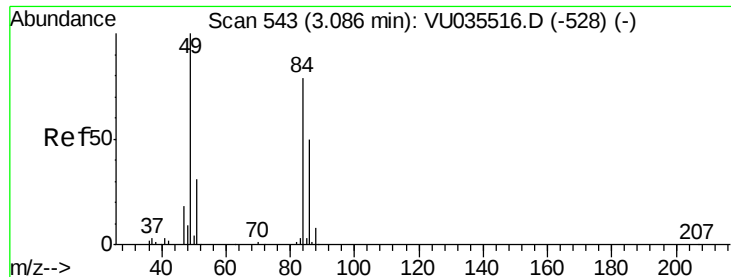
74 20.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VU035516.D (-500) (-)

Ion 74.00 (73.70 to 74.70): VU035516.D (-500) (-)

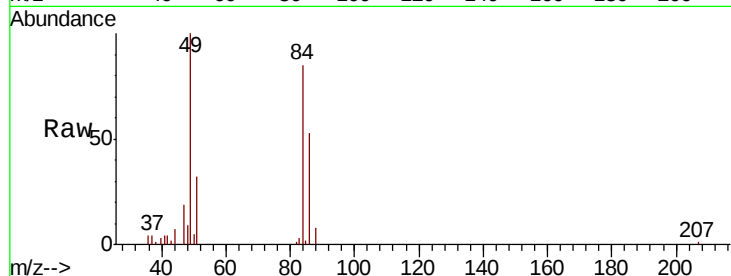




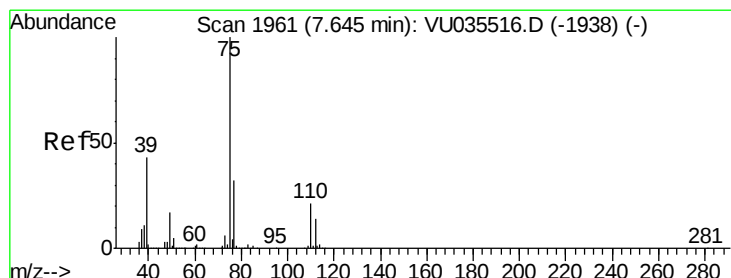
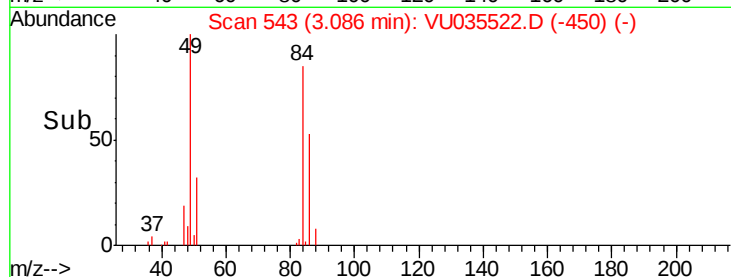
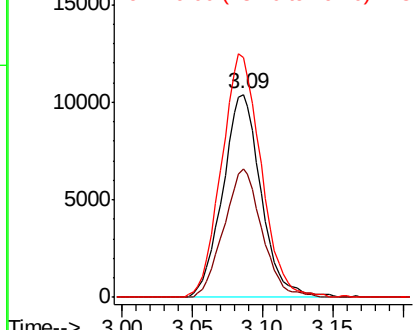
#16
Methylene chloride
Concen: 3.740 ug/L
RT: 3.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU035522.D
Acq: 26 Oct 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 19691
Ion Ratio Lower Upper
84 100
86 63.3 45.5 84.5
49 118.3 88.3 163.9

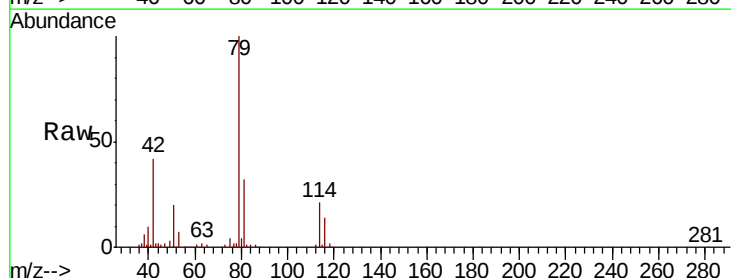


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

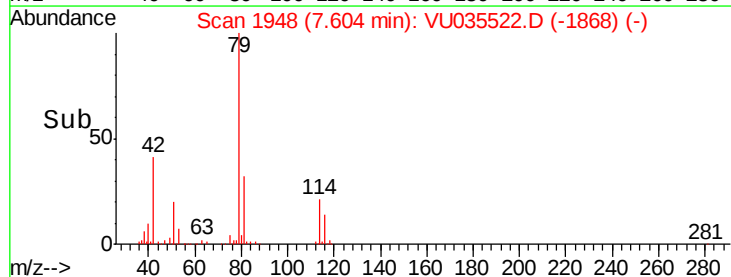
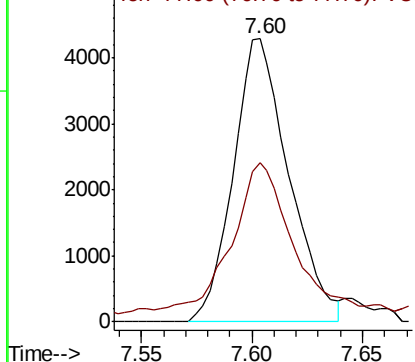


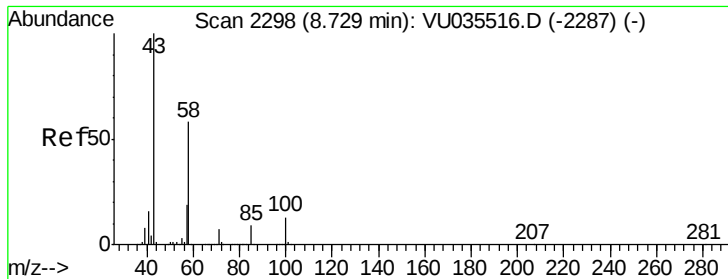
#39
cis-1,3-Dichloropropene
Concen: 0.975 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035522.D
Acq: 26 Oct 2019 16:44

Tgt Ion: 75 Resp: 7485
Ion Ratio Lower Upper
75 100
77 56.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

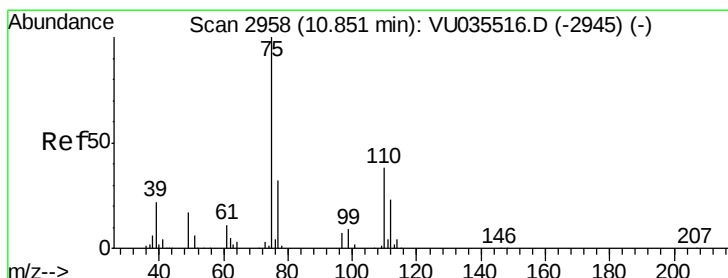
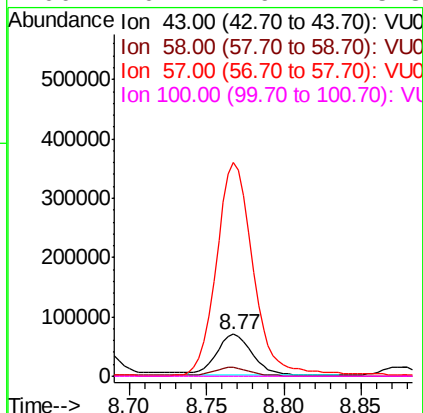
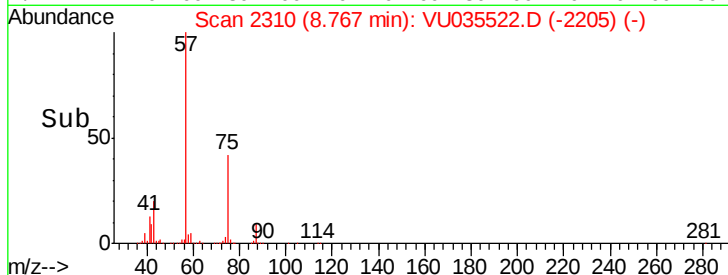
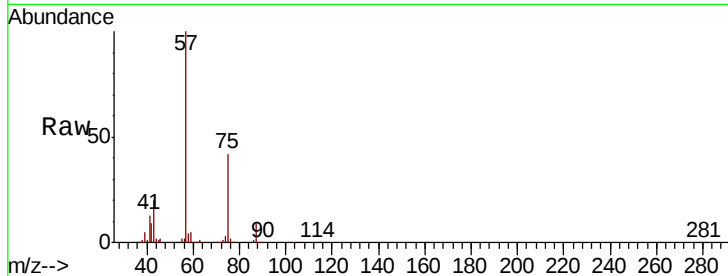




#48
2-Hexanone
Concen: 19.356 ug/L
RT: 8.77 min Scan# 2310
Delta R.T. 0.04 min
Lab File: VU035522.D
Acq: 26 Oct 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 112110
Ion Ratio Lower Upper
43 100
58 22.5 45.6 68.4#
57 531.2 14.1 21.1#
100 0.1 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 4.280 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU035522.D
Acq: 26 Oct 2019 16:44

Tgt Ion: 75 Resp: 28532
Ion Ratio Lower Upper
75 100
77 34.6 25.4 38.2

