

Data File : VU034376.D
Acq On : 07 Sep 2019 13:24
Operator : JC/SP
Sample : K4682-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0BM6

Quant Time: Sep 08 02:33:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	306664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	312400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	154911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	78697	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.68	69	72566	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.26	63	117688	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.17	46	246825	51.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.46%
24) Chloroform-d	4.63	84	164876	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.29	65	84662	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.32	84	353967	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.31	67	115284	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.55	98	308241	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.83	79	39994	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.30	63	194691	49.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	93923	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	134903	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

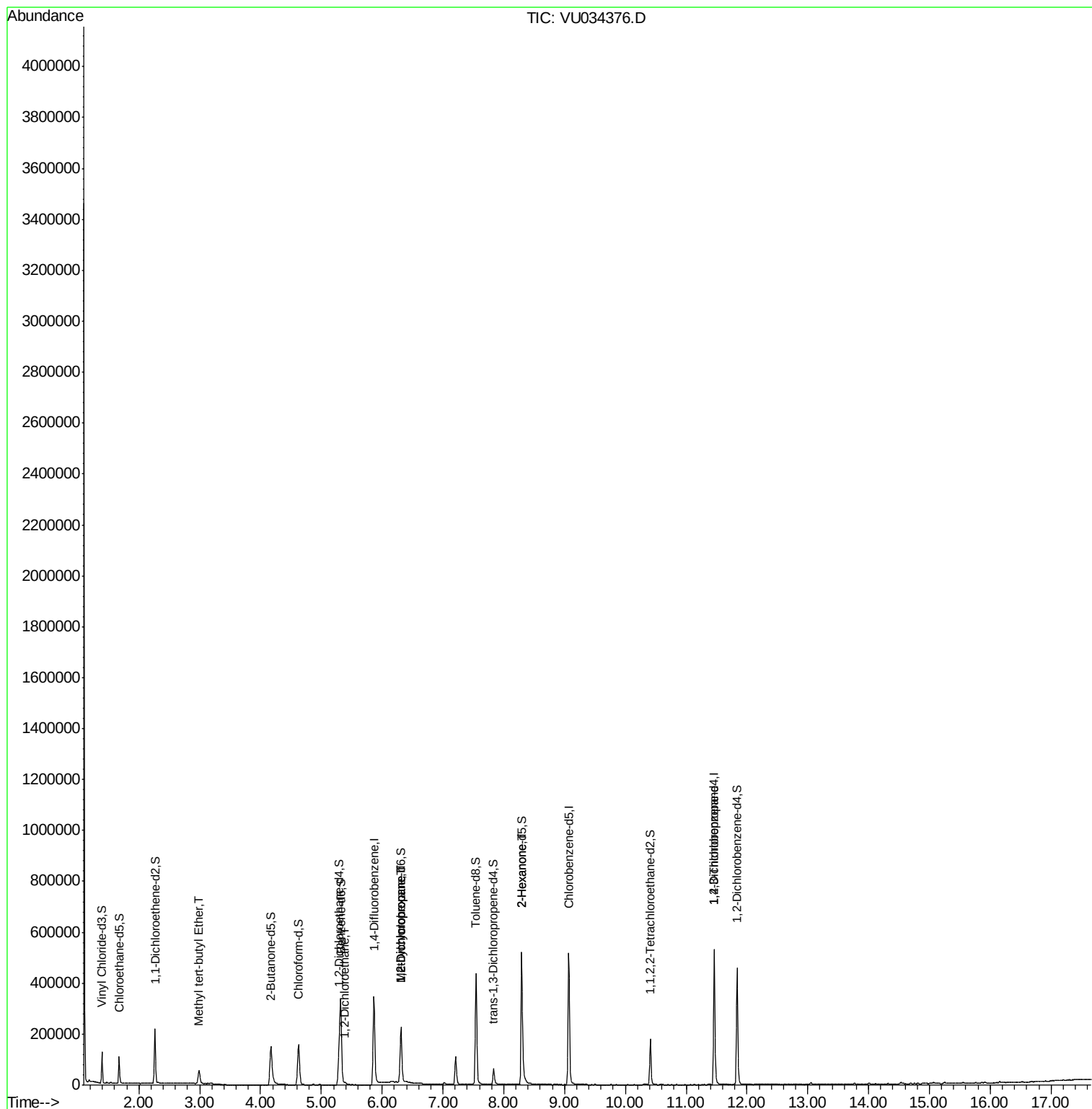
					Qvalue
17) Methyl tert-butyl Ether	2.99	73	56011	1.180 ug/L	99
27) 1,2-Dichloroethane	5.39	62	5337	0.234 ug/L #	91
35) Methylcyclohexane	6.31	83	25357	0.628 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	11071	0.455 ug/L #	88
48) 2-Hexanone	8.30	43	22405	2.382 ug/L #	66
59) 1,2,3-Trichloropropane	11.46	75	16782	1.204 ug/L	94

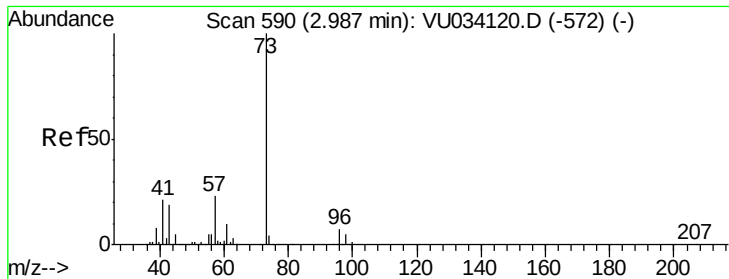
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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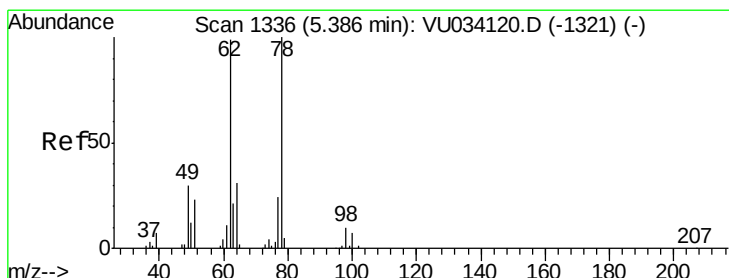
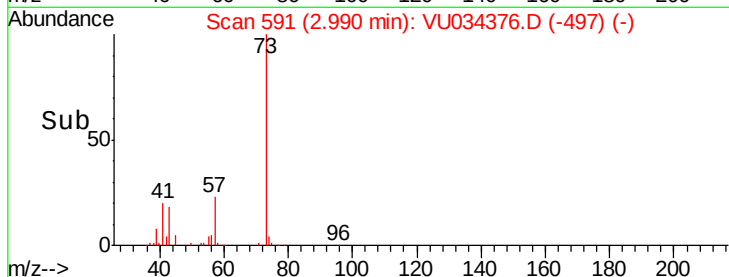
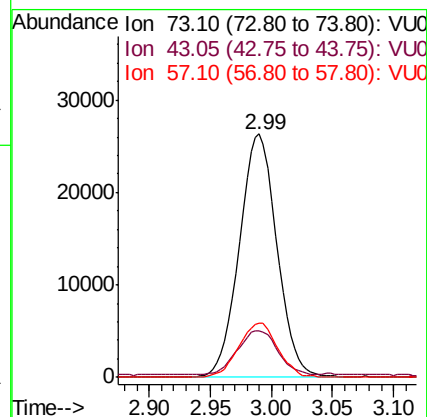
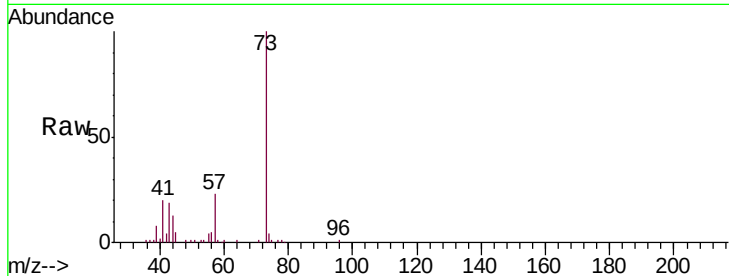




#17
Methyl tert-butyl Ether
Concen: 1.180 ug/L
RT: 2.99 min Scan# 591
Delta R.T. 0.00 min
Lab File: VU034376.D
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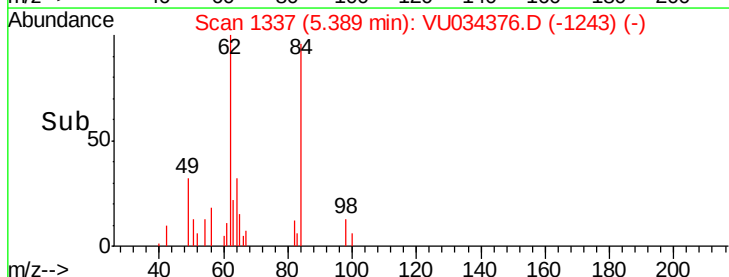
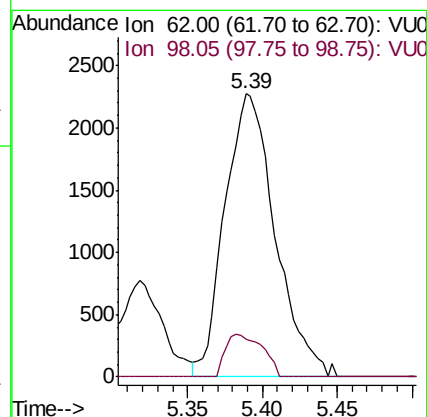
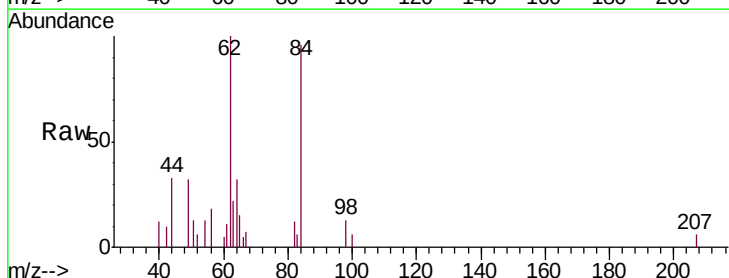
Instrument :
MSVOA_U
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H0BM6

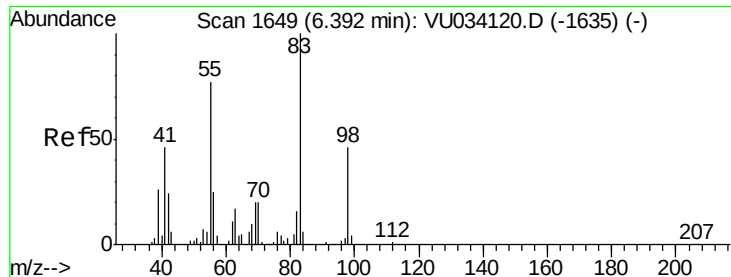
Tgt Ion: 73 Resp: 56011
Ion Ratio Lower Upper
73 100
43 19.5 14.7 22.1
57 23.2 18.6 27.8



#27
1,2-Dichloroethane
Concen: 0.234 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU034376.D
Acq: 07 Sep 2019 13:24

Tgt Ion: 62 Resp: 5337
Ion Ratio Lower Upper
62 100
98 13.2 7.8 11.8#

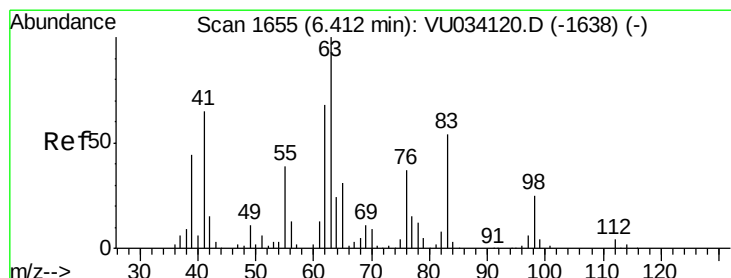
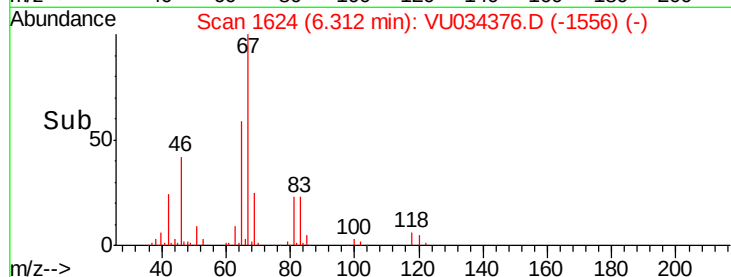
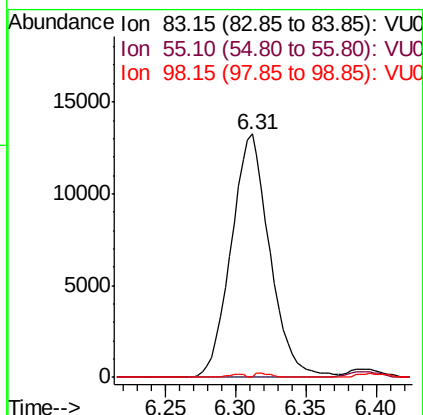
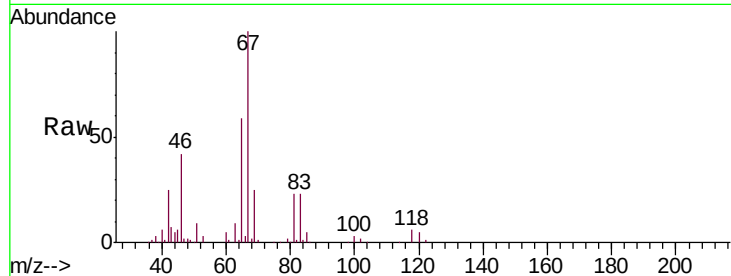




#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034376.D
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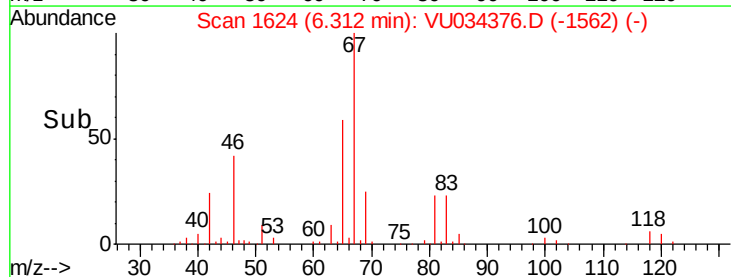
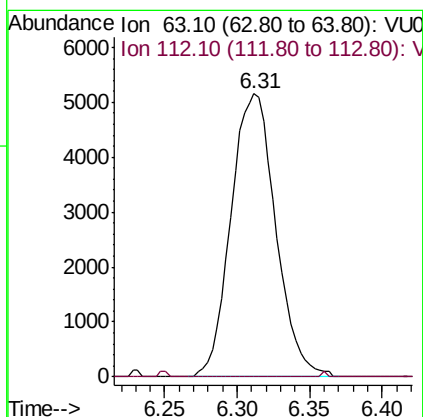
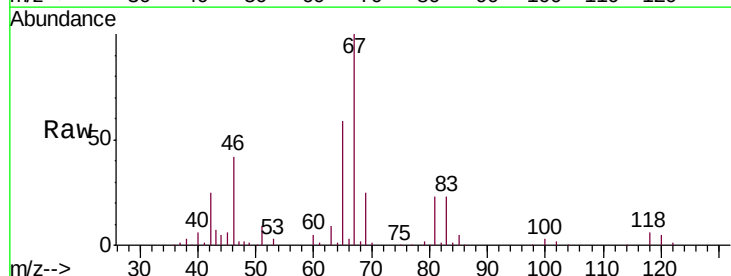
Instrument :
MSVOA_U
ClientSampleId :
H0BM6

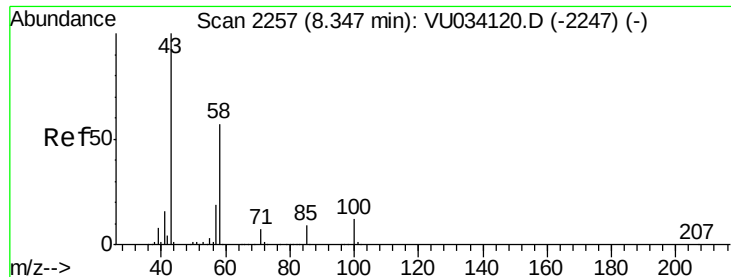
Tgt Ion: 83 Resp: 25357
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.7 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.455 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034376.D
Acq: 07 Sep 2019 13:24

Tgt Ion: 63 Resp: 11071
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#

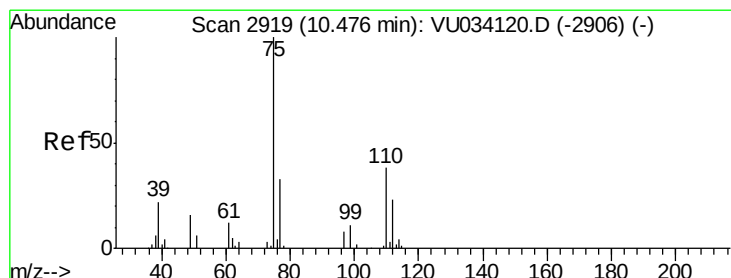
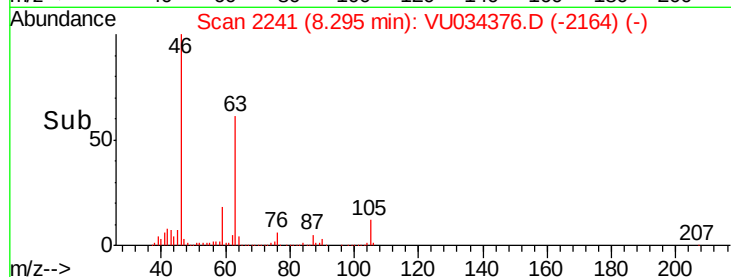
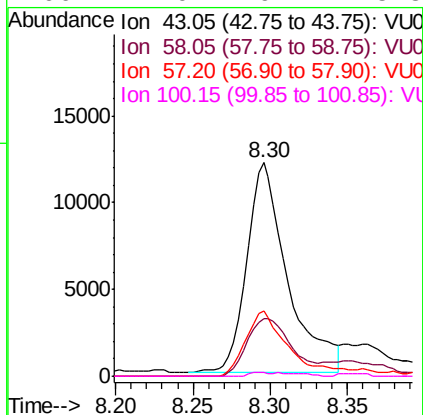
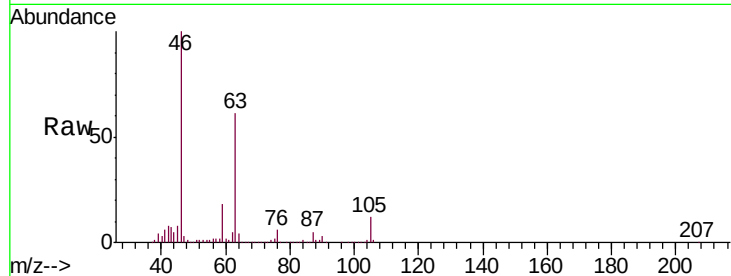




#48
2-Hexanone
Concen: 2.382 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU034376.D
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Instrument :
MSVOA_U
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Tgt Ion:	43	Resp:	22405
Ion	Ratio	Lower	Upper
43	100		
58	29.6	44.9	67.3#
57	32.5	15.0	22.6#
100	1.0	9.2	13.8#



#59
1,2,3-Trichloropropane
Concen: 1.204 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034376.D
Acq: 07 Sep 2019 13:24

Tgt Ion:	75	Resp:	16782
Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.0	39.0

