

Data File : VU033925.D
Acq On : 23 Aug 2019 01:24
Operator : JC/SP
Sample : K4485-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B34

Quant Time: Aug 23 03:07:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	571974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	578103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	242362	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	217121	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.58%
7) Chloroethane-d5	1.67	69	183393	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.18%
11) 1,1-Dichloroethene-d2	2.25	63	318397	35.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.38%
21) 2-Butanone-d5	4.15	46	343917	101.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.89%
24) Chloroform-d	4.62	84	375922	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.28	65	259460	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
32) Benzene-d6	5.32	84	774962	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
36) 1,2-Dichloropropane-d6	6.31	67	260290	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.70%
41) Toluene-d8	7.55	98	667275	44.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.92%
43) trans-1,3-Dichloropropene-	7.83	79	106937	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.29	63	229101	103.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.39%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	356676	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	247107	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%

Target Compounds

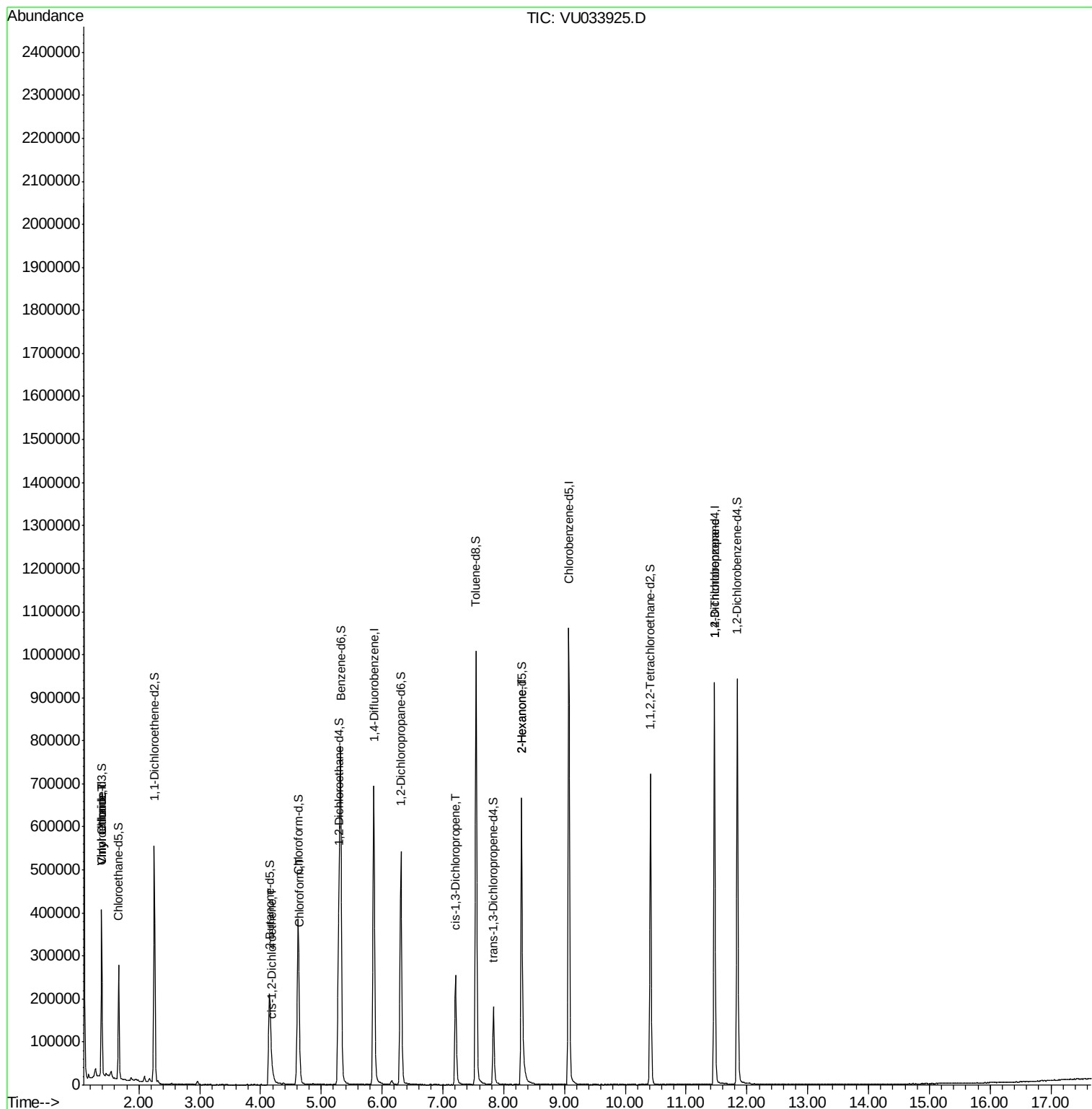
					Qvalue
5) Vinyl chloride	1.39	62	18683	3.126 ug/L #	17
8) Chloroethane	1.39	64	8799	2.454 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	5359	1.175 ug/L	90
25) Chloroform	4.64	83	10545	1.289 ug/L	94
39) cis-1,3-Dichloropropene	7.21	75	6042	0.850 ug/L #	58
48) 2-Hexanone	8.29	43	29478	5.542 ug/L #	73
59) 1,2,3-Trichloropropane	11.47	75	30134	4.930 ug/L	95

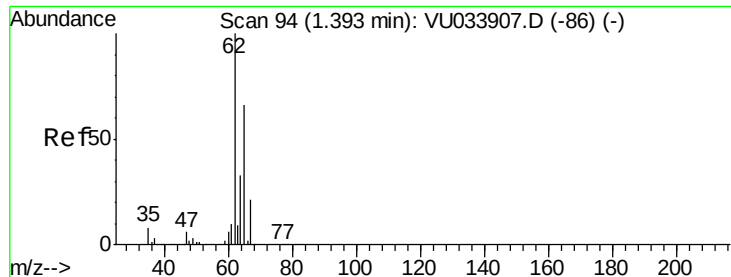
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.126 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033925.D

Acq: 23 Aug 2019 01:24

Instrument :

MSVOA_U

ClientSampleId :

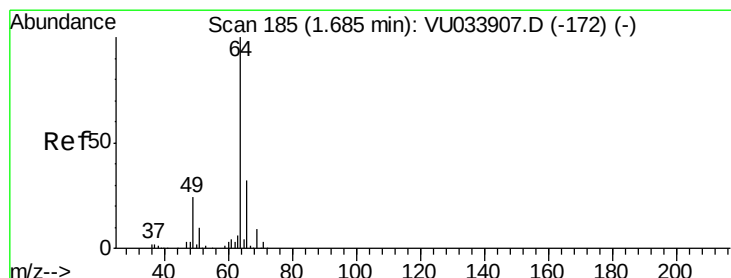
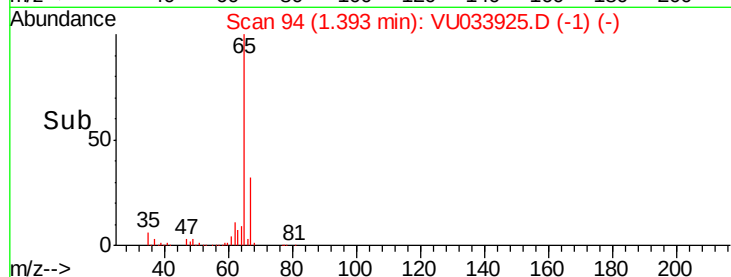
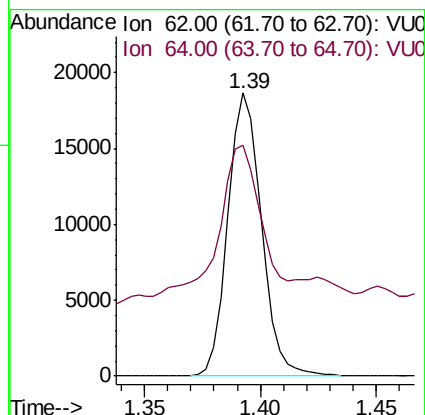
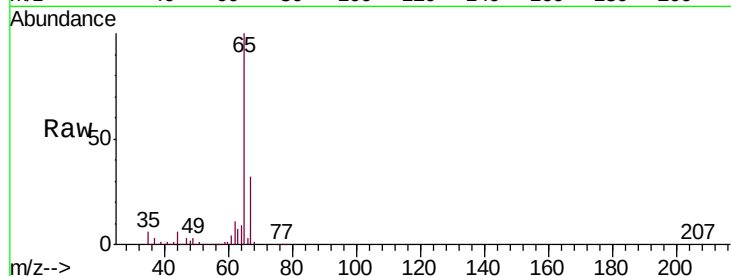
F2B34

Tgt Ion: 62 Resp: 18683

Ion Ratio Lower Upper

62 100

64 81.4 23.7 44.1#



#8

Chloroethane

Concen: 2.454 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.29 min

Lab File: VU033925.D

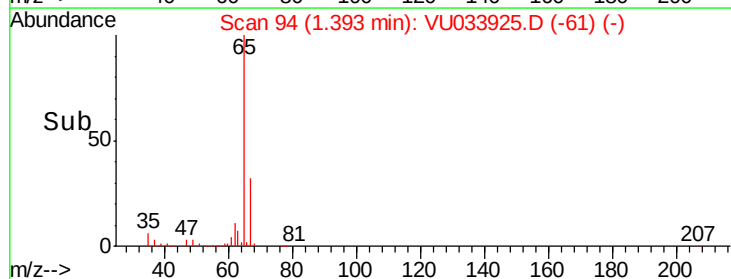
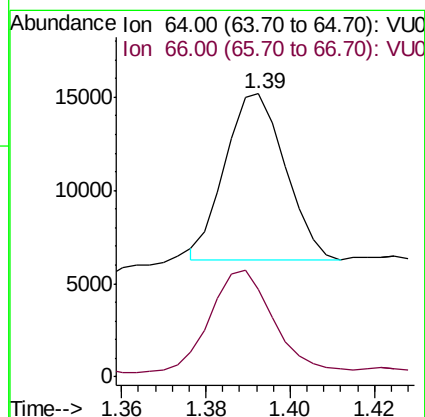
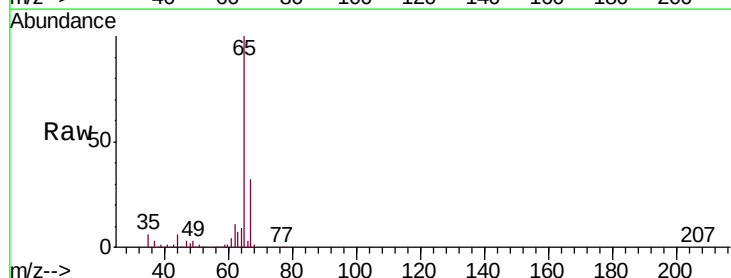
Acq: 23 Aug 2019 01:24

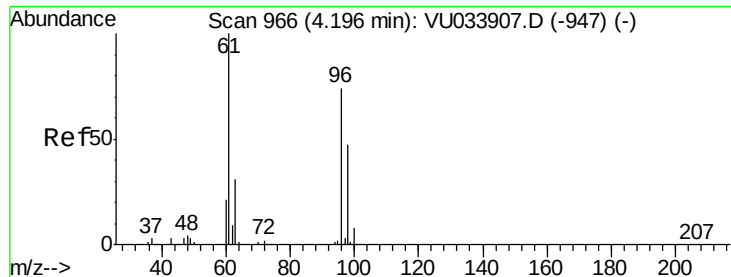
Tgt Ion: 64 Resp: 8799

Ion Ratio Lower Upper

64 100

66 30.9 22.3 41.5



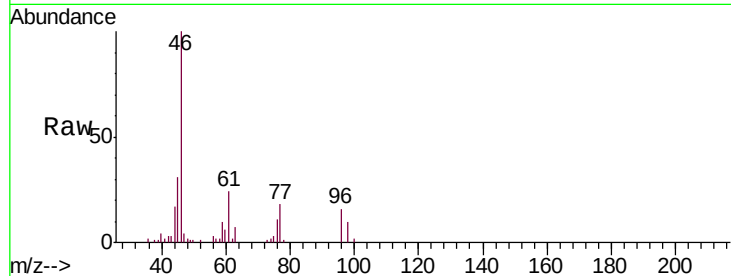


#20

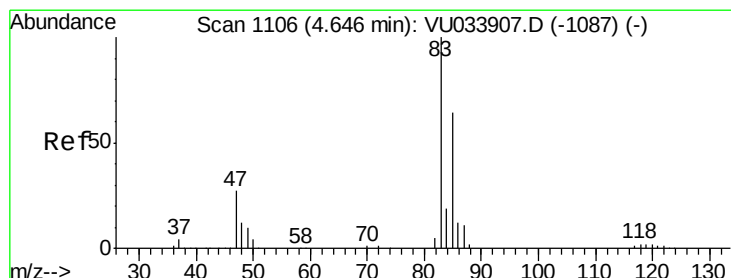
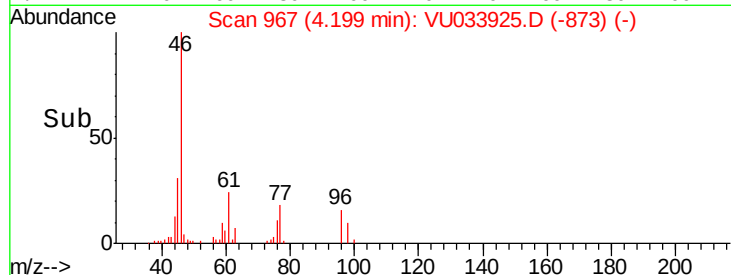
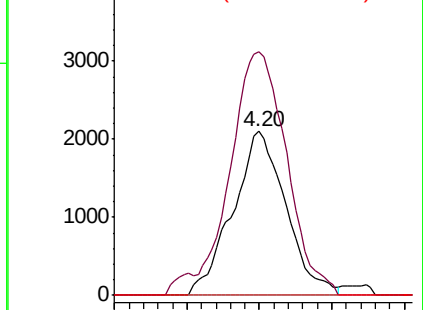
cis-1,2-Dichloroethene
 Concen: 1.175 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033925.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 F2B34

Tgt Ion: 96 Resp: 5359
 Ion Ratio Lower Upper
 96 100
 61 148.5 95.5 177.4
 68 0.0 0.0 0.0



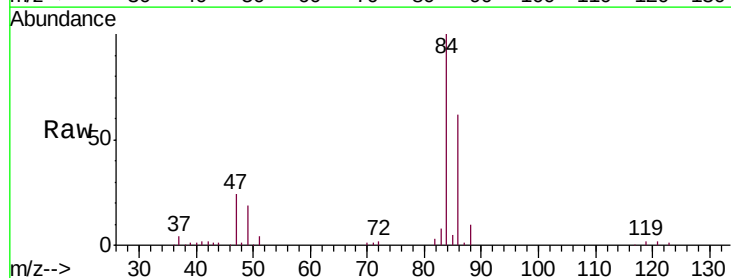
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



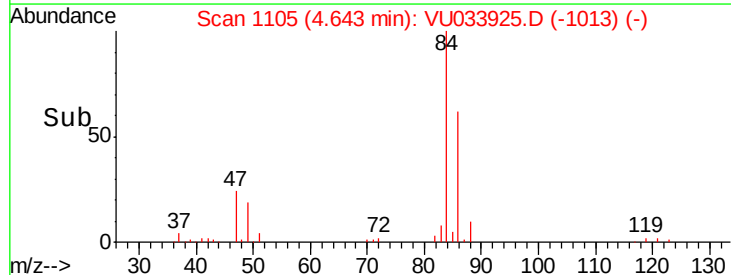
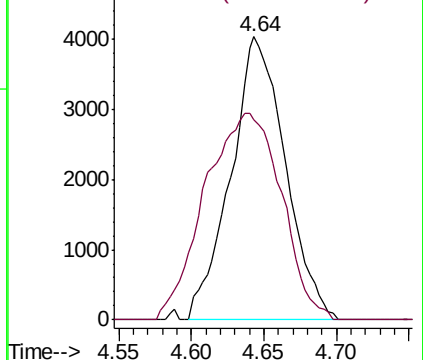
#25

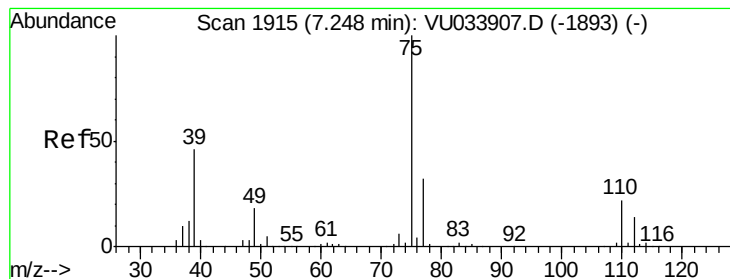
Chloroform
 Concen: 1.289 ug/L
 RT: 4.64 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: VU033925.D
 Acq: 23 Aug 2019 01:24

Tgt Ion: 83 Resp: 10545
 Ion Ratio Lower Upper
 83 100
 85 70.7 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0



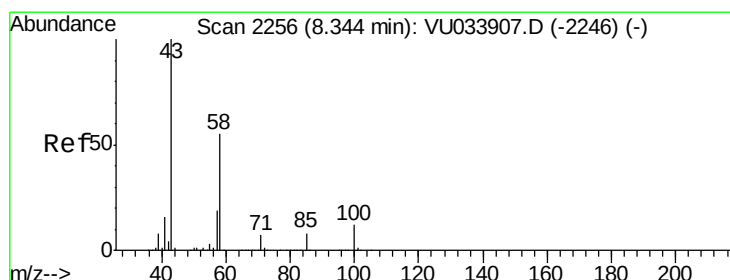
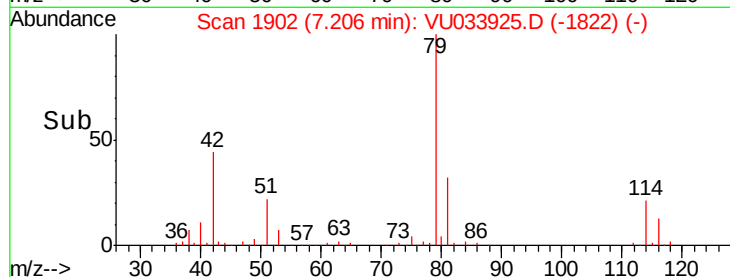
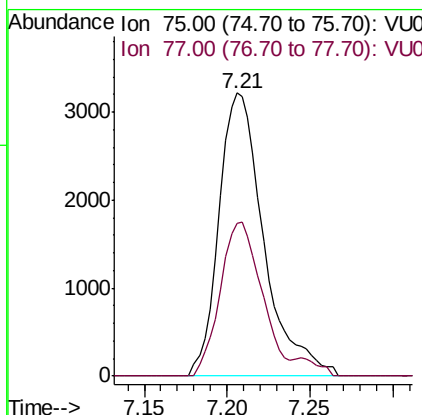
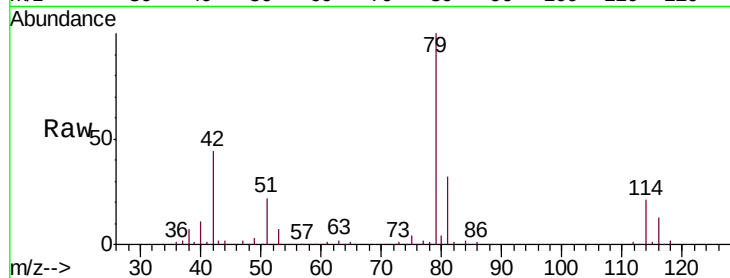


#39

cis-1,3-Dichloropropene
 Concen: 0.850 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033925.D
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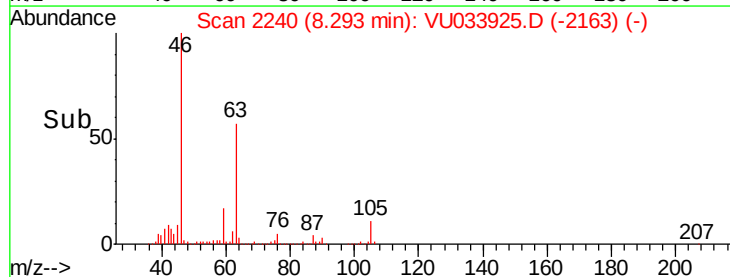
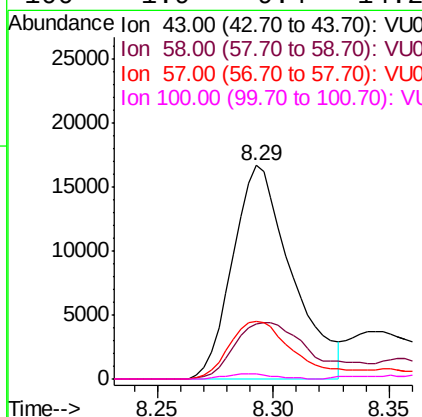
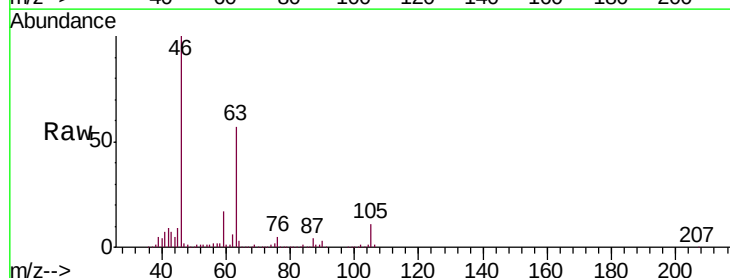
Tgt Ion: 75 Resp: 6042
 Ion Ratio Lower Upper
 75 100
 77 54.1 21.8 40.4#

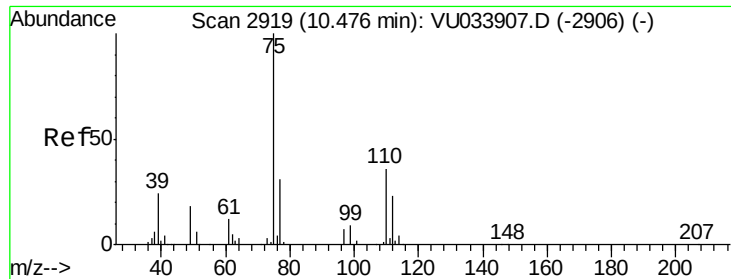


#48

2-Hexanone
 Concen: 5.542 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033925.D
 Acq: 23 Aug 2019 01:24

Tgt Ion: 43 Resp: 29478
 Ion Ratio Lower Upper
 43 100
 58 35.1 44.3 66.5#
 57 30.3 15.3 22.9#
 100 1.9 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.930 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033925.D

Acq: 23 Aug 2019 01:24

Instrument :

MSVOA_U

ClientSampleId :

F2B34

Tgt Ion: 75 Resp: 30134

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.8

