

Data File : VU033703.D
Acq On : 09 Aug 2019 23:16
Operator : JC/SP
Sample : K4202-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B41

Quant Time: Aug 10 04:30:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	367179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	355553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	179168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131099	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.00%
7) Chloroethane-d5	1.67	69	126434	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.34%
11) 1,1-Dichloroethene-d2	2.26	63	173982	38.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.56%
21) 2-Butanone-d5	4.16	46	258312	154.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	154.16%#
24) Chloroform-d	4.62	84	245729	61.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.38%
26) 1,2-Dichloroethane-d4	5.29	65	164675	65.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.16%#
32) Benzene-d6	5.32	84	502824	59.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.84%
36) 1,2-Dichloropropane-d6	6.31	67	165502	64.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.54%#
41) Toluene-d8	7.55	98	446430	56.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.12%
43) trans-1,3-Dichloropropene-	7.83	79	78312	60.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.44%
47) 2-Hexanone-d5	8.29	63	196436	147.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.28%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	252923	66.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	132.80%#
64) 1,2-Dichlorobenzene-d4	11.84	152	193547	64.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.38%#

Target Compounds

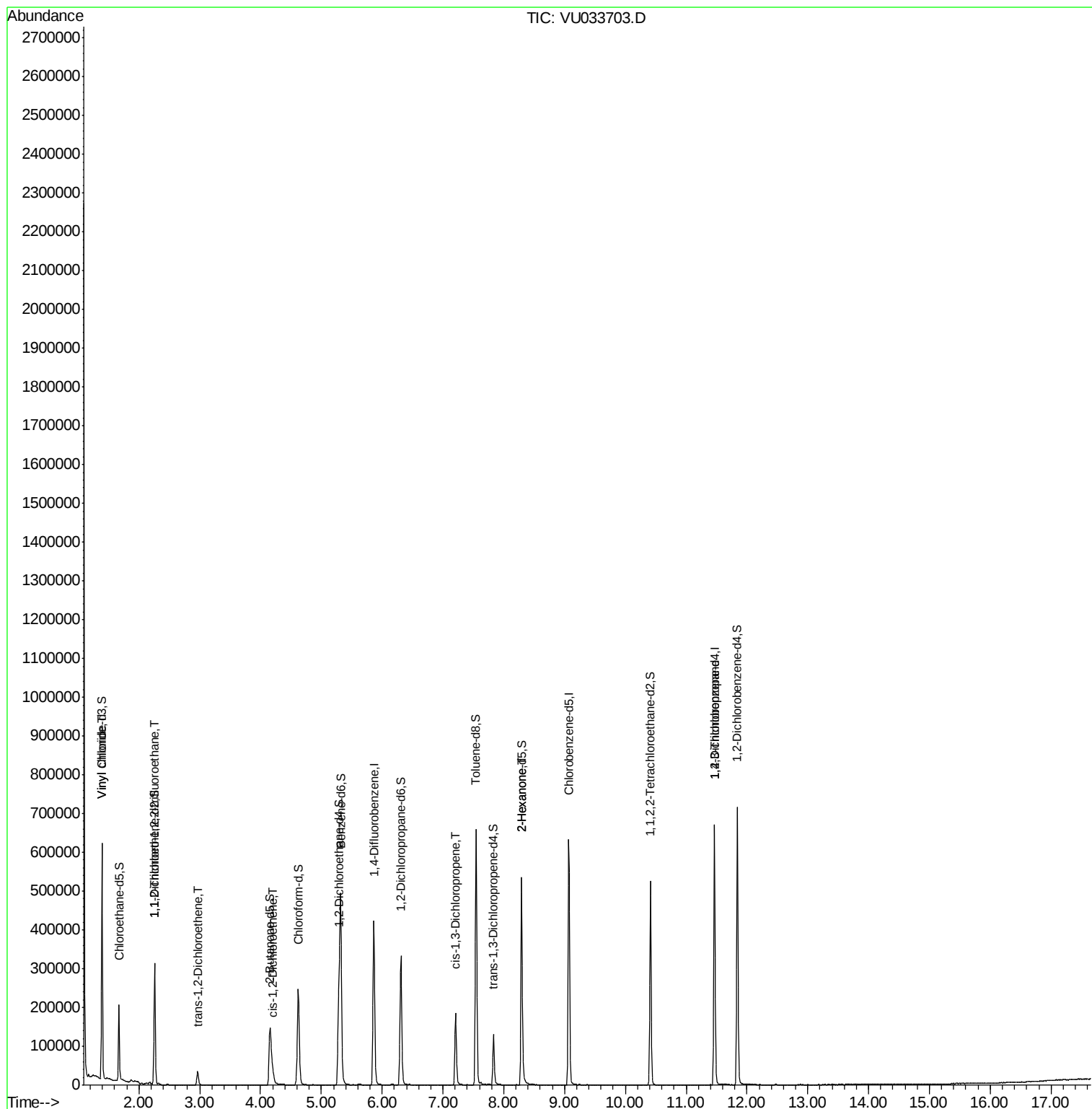
					Qvalue
5) Vinyl chloride	1.39	62	281468	91.062 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1730	0.787 ug/L #	18
17) trans-1,2-Dichloroethene	2.97	96	13701	5.921 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	13001	4.925 ug/L	95
39) cis-1,3-Dichloropropene	7.21	75	4795	1.143 ug/L #	64
48) 2-Hexanone	8.29	43	20998	6.790 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	19231	5.387 ug/L	89

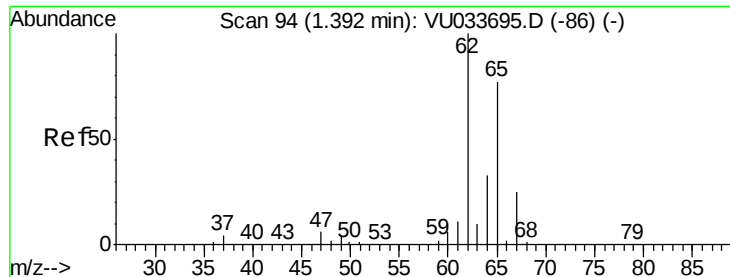
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 91.062 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033703.D

Acq: 09 Aug 2019 23:16

Instrument :

MSVOA_U

ClientSampled :

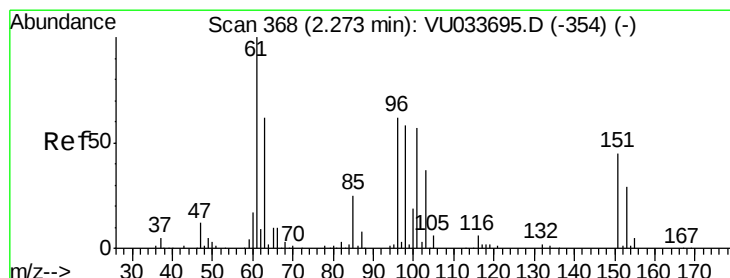
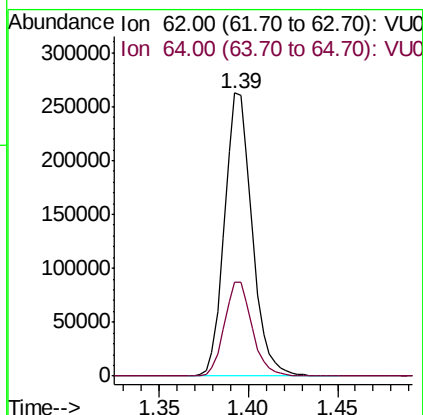
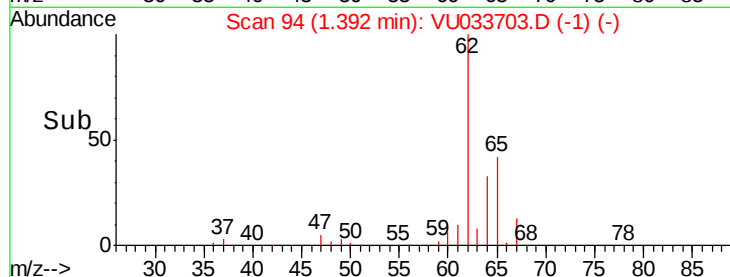
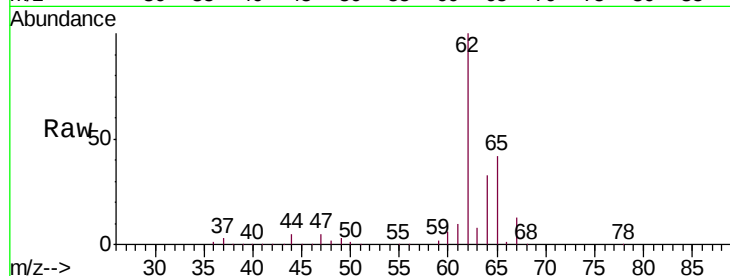
F2B41

Tgt Ion: 62 Resp: 281468

Ion Ratio Lower Upper

62 100

64 33.3 23.7 43.9



#10

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

Concen: 0.787 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033703.D

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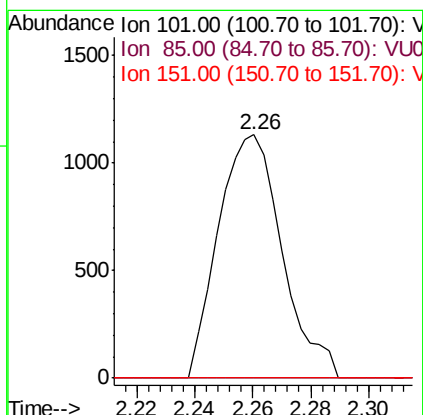
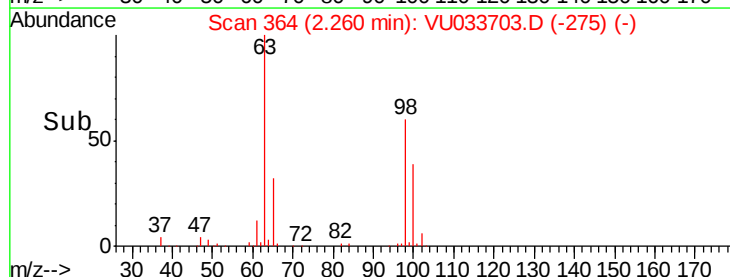
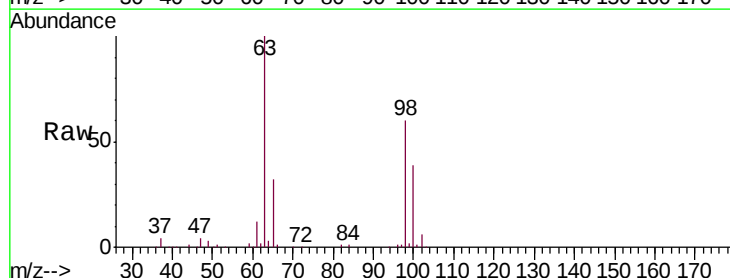
Tgt Ion: 101 Resp: 1730

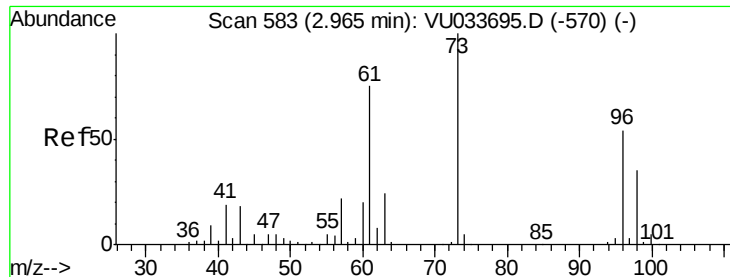
Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

151 0.0 63.0 94.4#

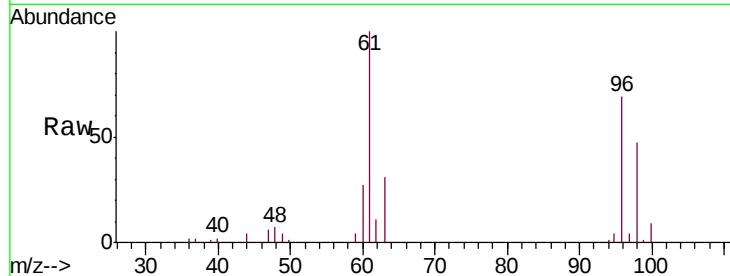




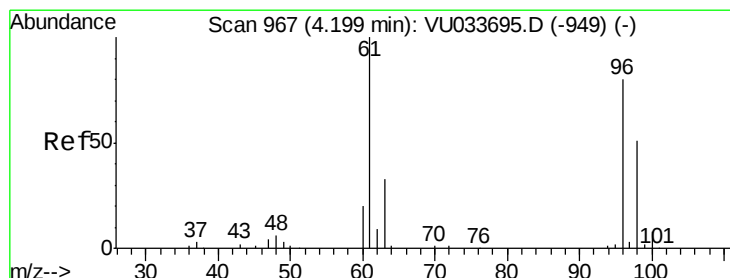
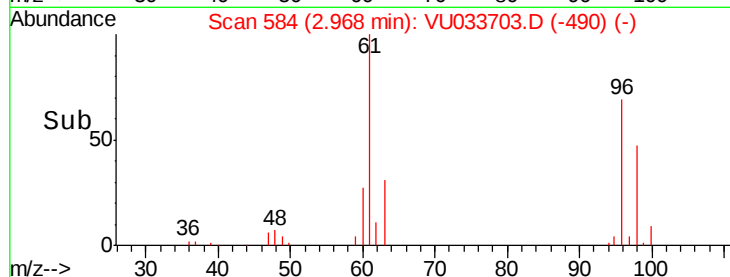
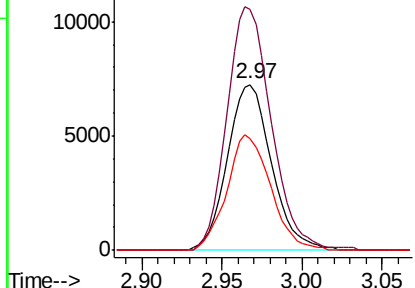
#17
trans-1,2-Dichloroethene
Concen: 5.921 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033703.D
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Instrument :
MSVOA_U
ClientSampleId :
F2B41

Tgt Ion: 96 Resp: 13701
Ion Ratio Lower Upper
96 100
61 145.2 95.6 177.6
98 67.5 44.6 82.8

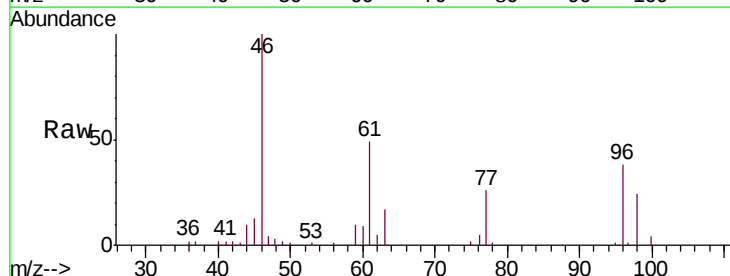


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

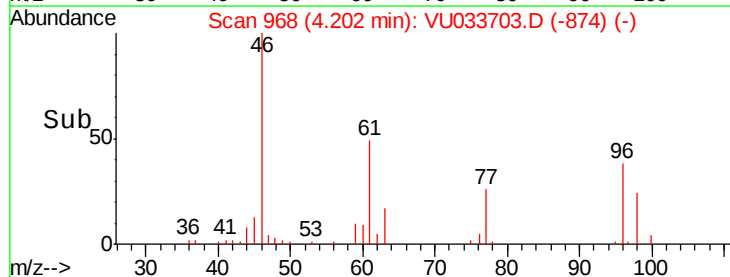
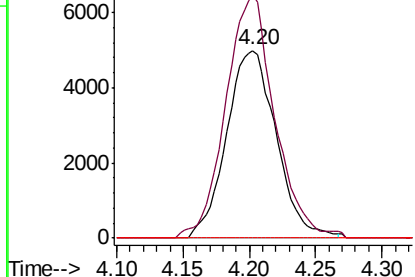


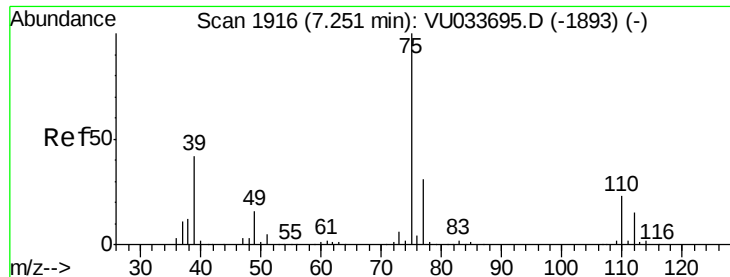
#20
cis-1,2-Dichloroethene
Concen: 4.925 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU033703.D
Acq: 09 Aug 2019 23:16

Tgt Ion: 96 Resp: 13001
Ion Ratio Lower Upper
96 100
61 129.8 87.0 161.6
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

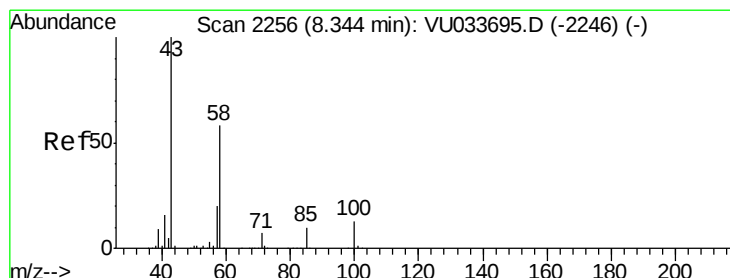
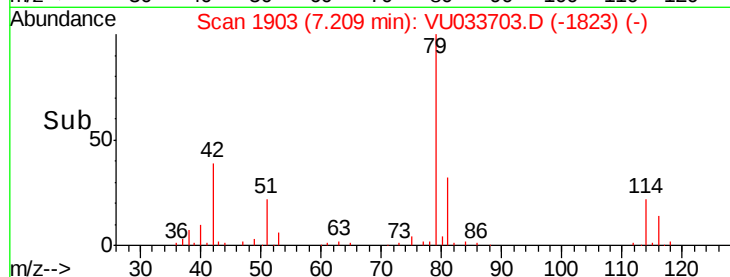
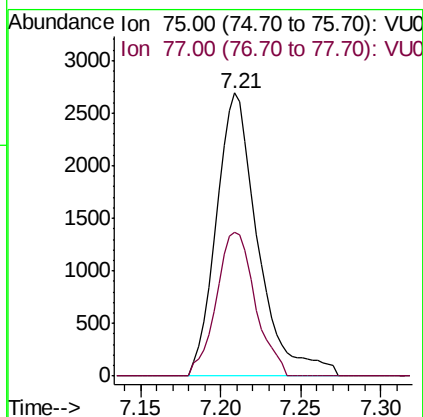
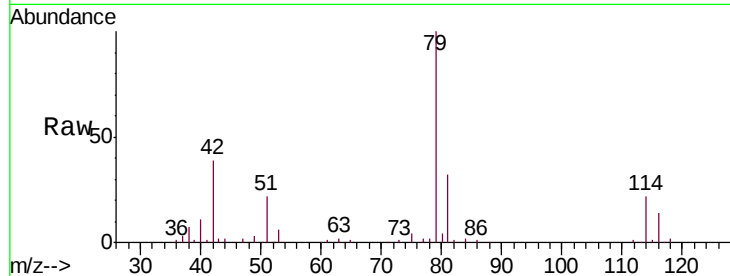




#39
 cis-1,3-Dichloropropene
 Concen: 1.143 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033703.D
 Acq: 09 Aug 2019 23:16

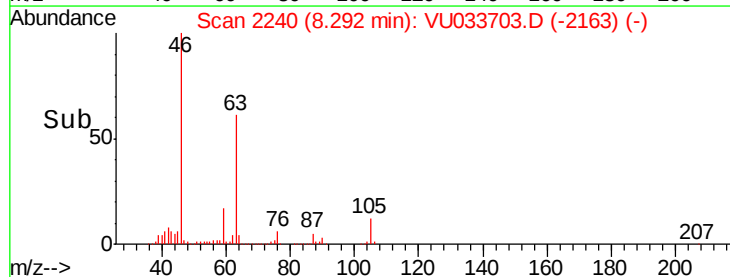
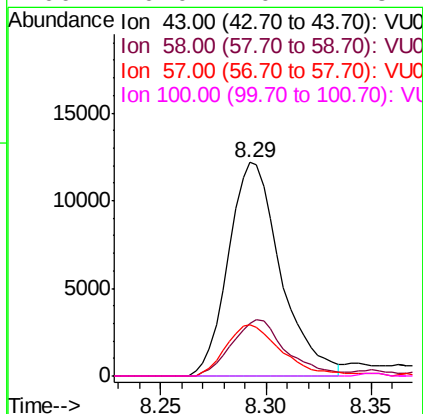
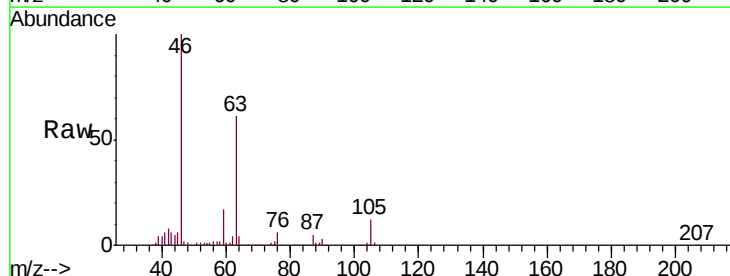
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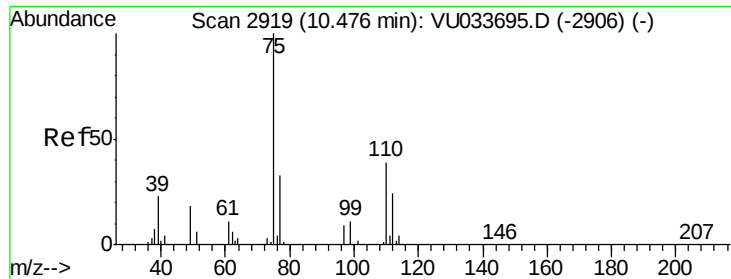
Tgt Ion: 75 Resp: 4795
 Ion Ratio Lower Upper
 75 100
 77 50.9 21.7 40.3#



#48
 2-Hexanone
 Concen: 6.790 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033703.D
 Acq: 09 Aug 2019 23:16

Tgt Ion: 43 Resp: 20998
 Ion Ratio Lower Upper
 43 100
 58 27.2 46.6 70.0#
 57 25.4 16.2 24.4#
 100 0.0 10.1 15.1#





#59

1,2,3-Trichloropropane

Concen: 5.387 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033703.D

Acq: 09 Aug 2019 23:16

Instrument :

MSVOA_U

ClientSampleId :

F2B41

Tgt Ion: 75 Resp: 19231

Ion Ratio Lower Upper

75 100

77 39.3 26.4 39.6

