

Data File : VU033710.D
Acq On : 10 Aug 2019 01:58
Operator : JC/SP
Sample : K4289-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B17

Quant Time: Aug 10 04:31:24 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	340150	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	324884	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	155261	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118502	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.66%
7) Chloroethane-d5	1.67	69	110052	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.70%
11) 1,1-Dichloroethene-d2	2.26	63	164164	38.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.98%
21) 2-Butanone-d5	4.15	46	268227	172.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	172.79%#
24) Chloroform-d	4.62	84	233076	62.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.30%#
26) 1,2-Dichloroethane-d4	5.29	65	156448	67.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	134.52%#
32) Benzene-d6	5.32	84	473457	61.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.50%
36) 1,2-Dichloropropane-d6	6.31	67	156191	66.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	132.76%#
41) Toluene-d8	7.55	98	410258	56.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.78%
43) trans-1,3-Dichloropropene-	7.83	79	70677	59.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.96%
47) 2-Hexanone-d5	8.29	63	198441	162.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	162.82%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	244422	70.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	140.44%#
64) 1,2-Dichlorobenzene-d4	11.84	152	168957	64.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.32%#

Target Compounds

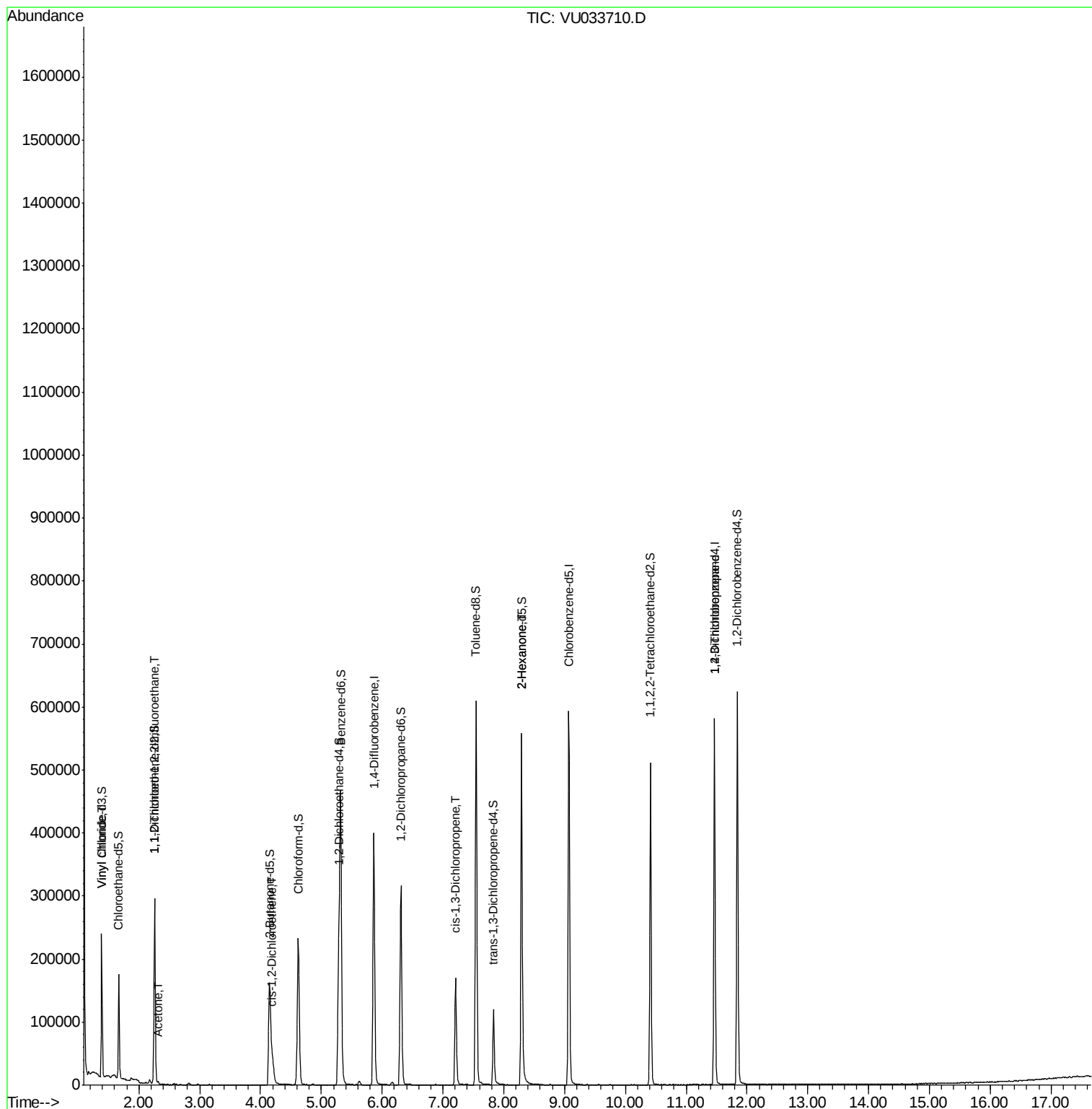
					Qvalue
5) Vinyl chloride	1.39	62	37001	12.922	ug/L 93
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1455	0.715	ug/L # 18
13) Acetone	2.31	43	2702	1.731	ug/L 90
20) cis-1,2-Dichloroethene	4.20	96	16824	6.880	ug/L 98
39) cis-1,3-Dichloropropene	7.21	75	4048	1.056	ug/L # 60
48) 2-Hexanone	8.29	43	23258	8.231	ug/L # 66
59) 1,2,3-Trichloropropane	11.47	75	17052	5.227	ug/L 91

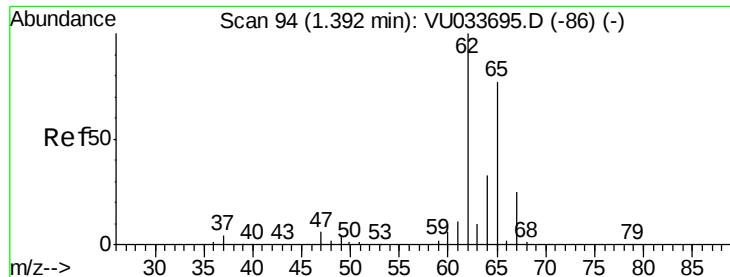
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.922 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

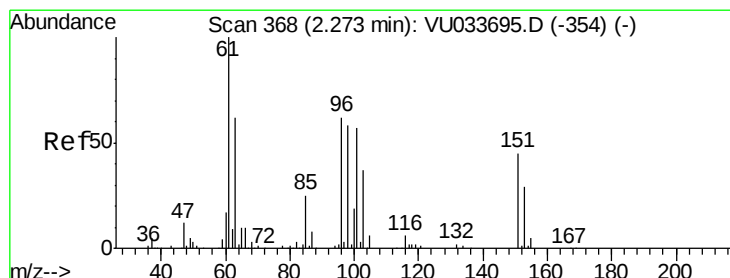
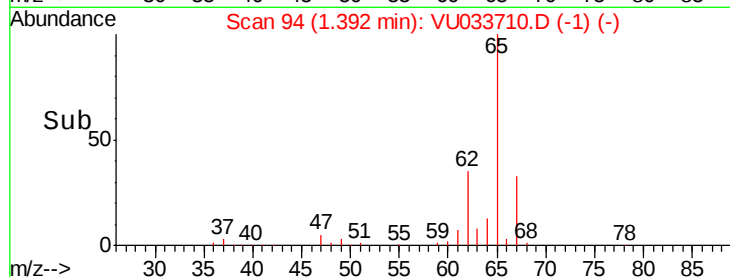
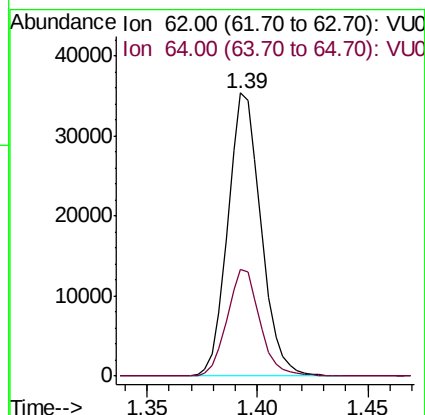
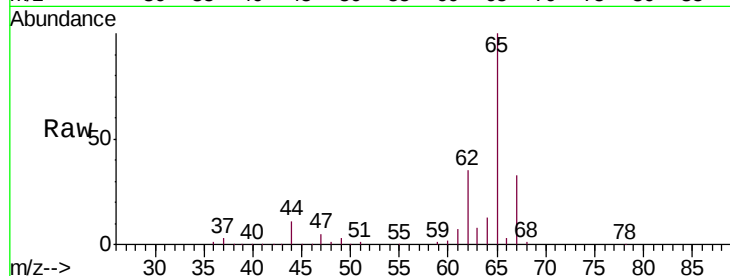
F2B17

Tgt Ion: 62 Resp: 37001

Ion Ratio Lower Upper

62 100

64 37.9 23.7 43.9



#10

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

Concen: 0.715 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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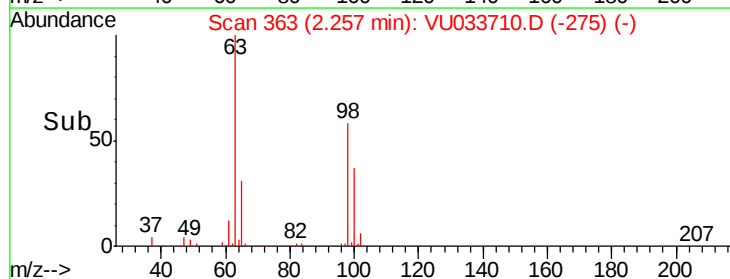
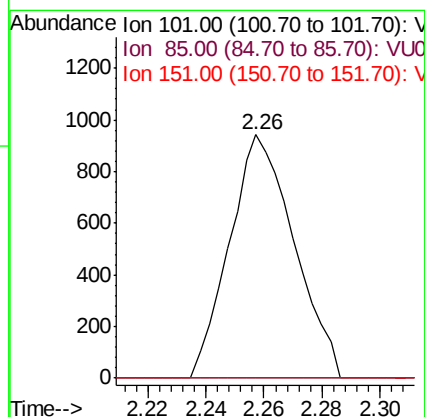
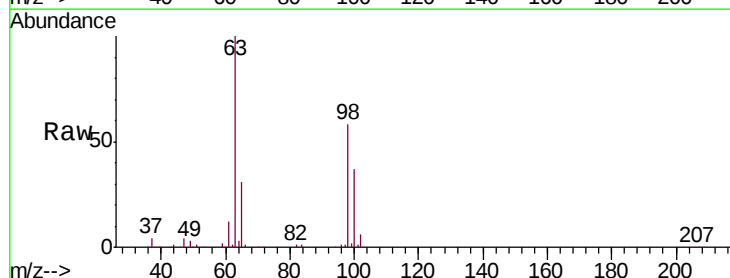
Tgt Ion: 101 Resp: 1455

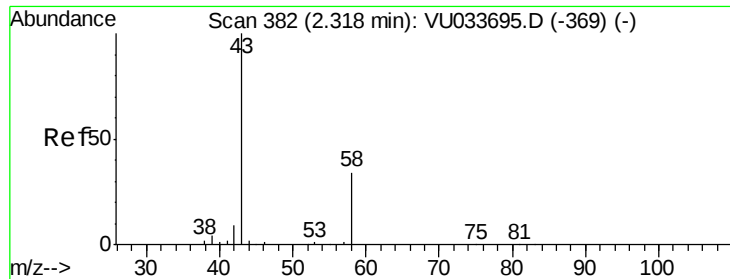
Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

151 0.0 63.0 94.4#





#13

Acetone

Concen: 1.731 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU033710.D

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Instrument :

MSVOA_U

ClientSampleId :

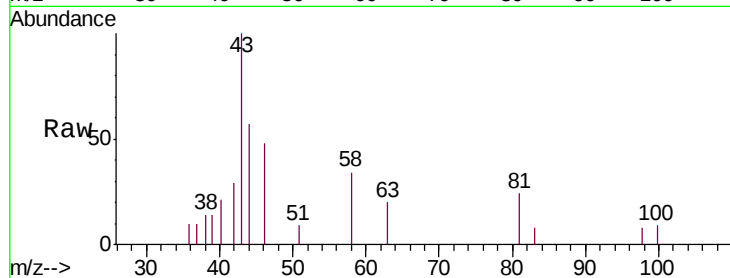
F2B17

Tgt Ion: 43 Resp: 2702

Ion Ratio Lower Upper

43 100

58 27.2 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU033710.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU033710.D (-289) (-)

2.31

1500

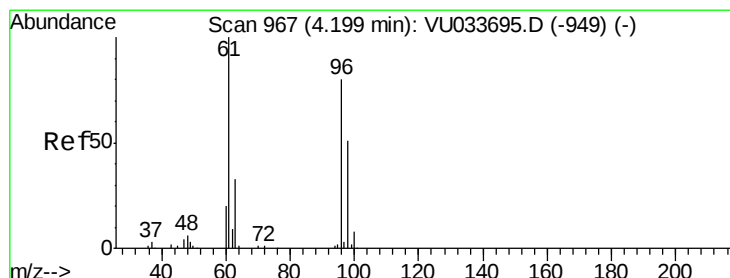
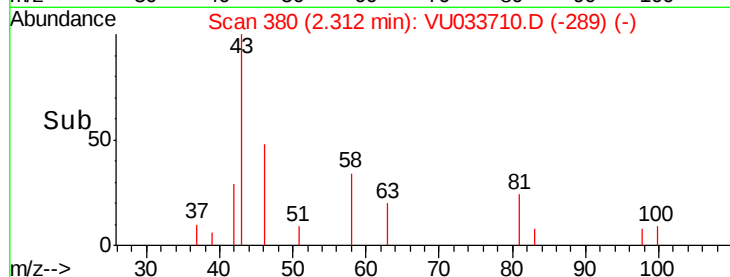
1000

500

0

2.25 2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 6.880 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033710.D

Acq: 10 Aug 2019 01:58

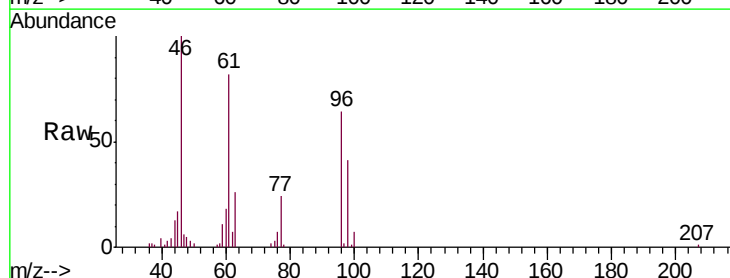
Tgt Ion: 96 Resp: 16824

Ion Ratio Lower Upper

96 100

61 127.0 87.0 161.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033710.D (-874) (-)

Ion 61.00 (60.70 to 61.70): VU033710.D (-874) (-)

Ion 68.00 (67.70 to 68.70): VU033710.D (-874) (-)

4.20

10000

8000

6000

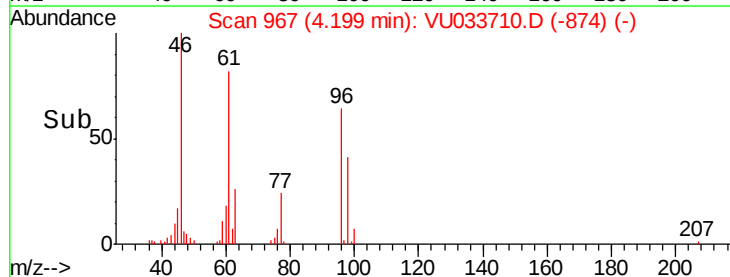
4000

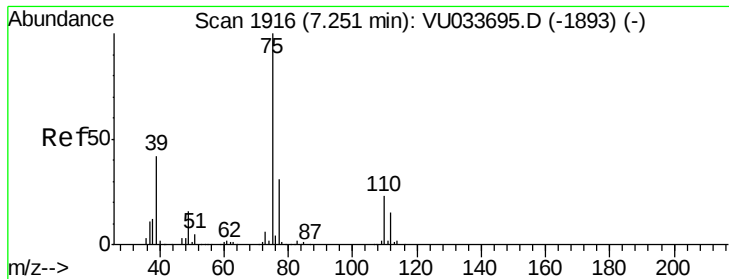
2000

0

4.10 4.15 4.20 4.25 4.30

Time-->

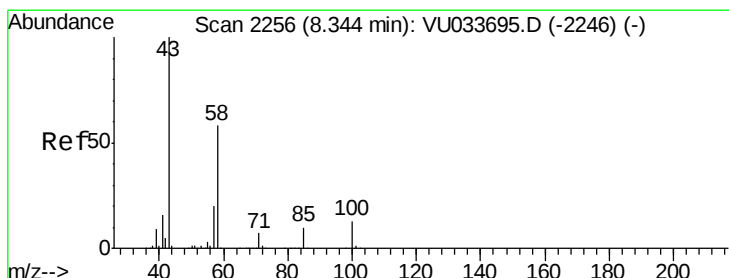
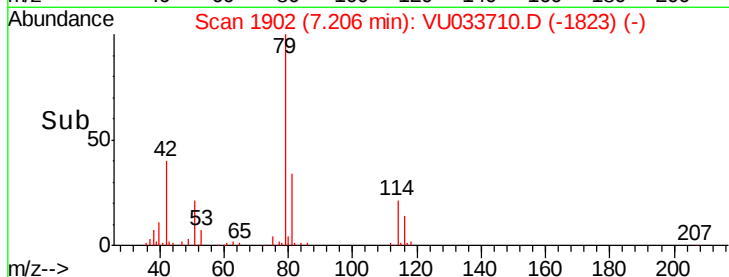
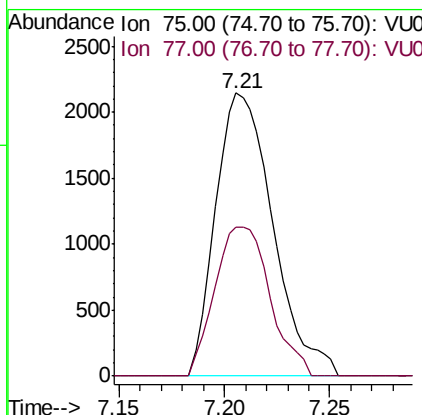
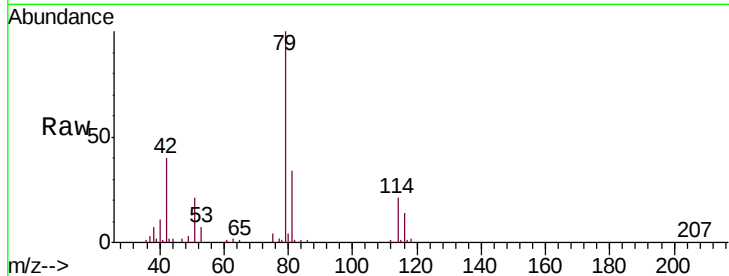




#39
 cis-1,3-Dichloropropene
 Concen: 1.056 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033710.D
 Acq: 10 Aug 2019 01:58

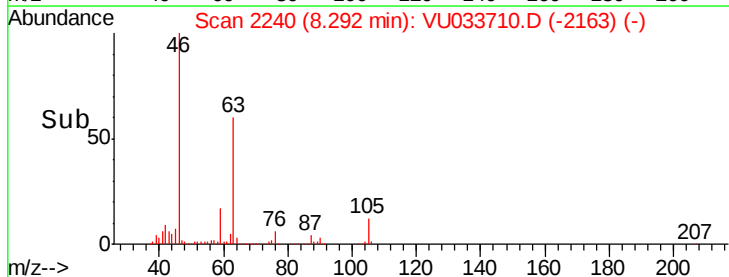
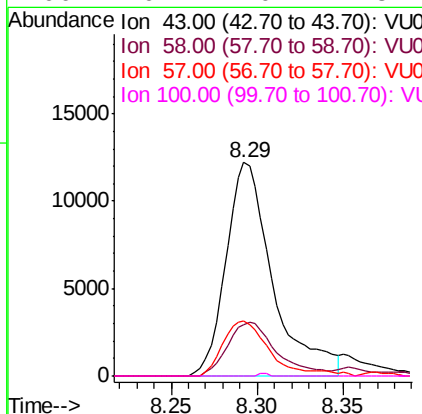
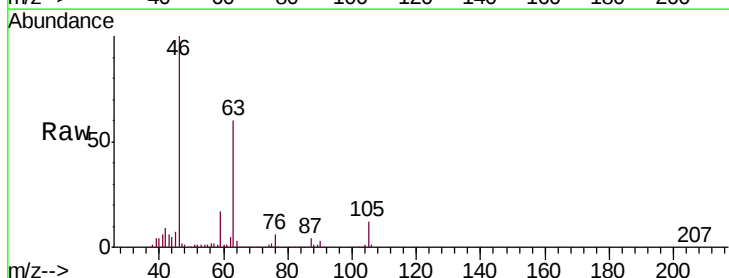
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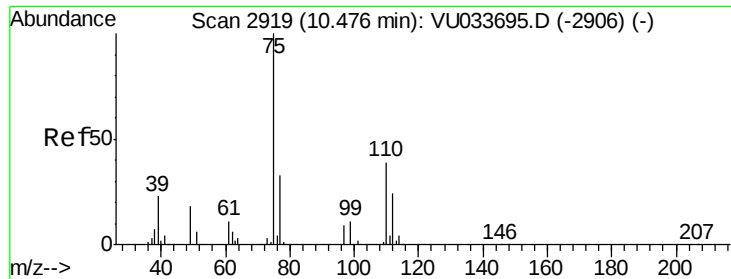
Tgt Ion: 75 Resp: 4048
 Ion Ratio Lower Upper
 75 100
 77 52.8 21.7 40.3#



#48
 2-Hexanone
 Concen: 8.231 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033710.D
 Acq: 10 Aug 2019 01:58

Tgt Ion: 43 Resp: 23258
 Ion Ratio Lower Upper
 43 100
 58 26.3 46.6 70.0#
 57 24.5 16.2 24.4#
 100 0.2 10.1 15.1#





#59

1,2,3-Trichloropropane

Concen: 5.227 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033710.D

Acq: 10 Aug 2019 01:58

Instrument :

MSVOA_U

ClientSampleId :

F2B17

Tgt Ion: 75 Resp: 17052

Ion Ratio Lower Upper

75 100

77 38.0 26.4 39.6

