

Data File : VU035981.D
Acq On : 04 Dec 2019 19:26
Operator : JC/SP
Sample : K6132-06 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR2

Quant Time: Dec 05 04:00:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	278701	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	301568	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141898	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	118164	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.59	63	155561	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.69	46	300729	53.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	5.11	84	216387	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.75	65	119068	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	417499	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.73	67	136525	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	328428	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.21	79	49709	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.68	63	222517	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	121891	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	99939	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

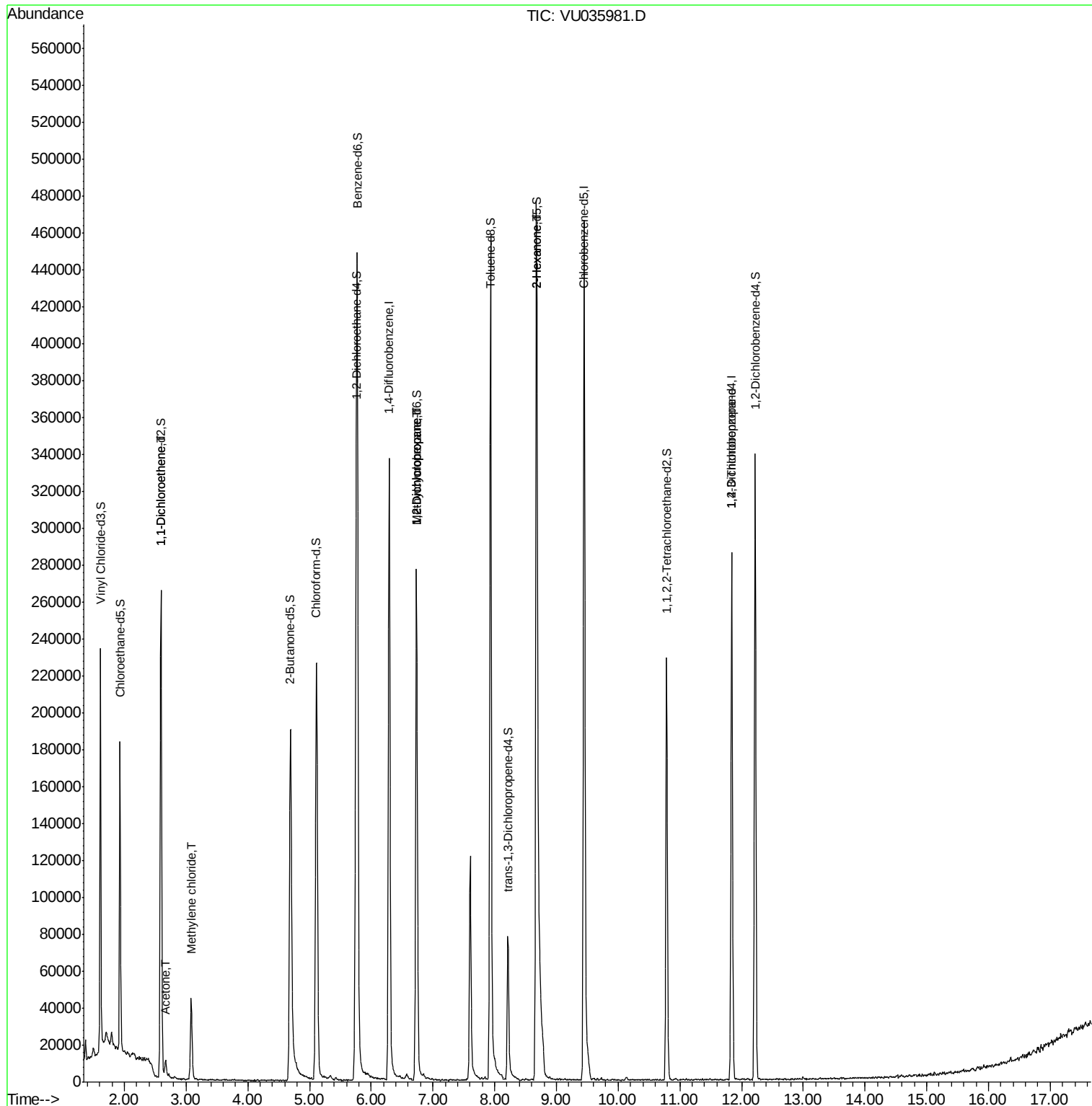
					Qvalue	
12) 1,1-Dichloroethene	2.60	96	1387	0.069	ug/L #	1
13) Acetone	2.67	43	10138	1.993	ug/L	93
16) Methylene chloride	3.09	84	21029	0.680	ug/L	94
35) Methylcyclohexane	6.74	83	32862	0.914	ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14598	0.568	ug/L #	88
48) 2-Hexanone	8.67	43	25715	2.307	ug/L #	62
59) 1,2,3-Trichloropropane	11.84	75	10015	0.600	ug/L #	82

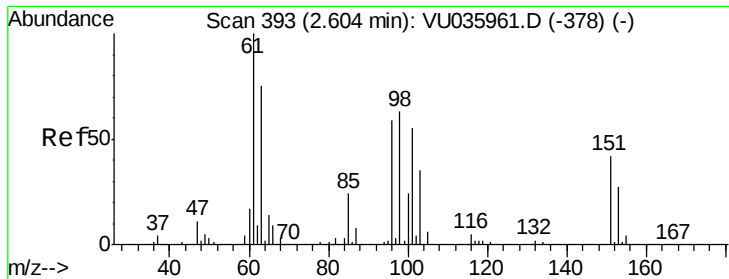
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 05 03:54:31 2019
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#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU035981.D

Acq: 04 Dec 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

BFQR2

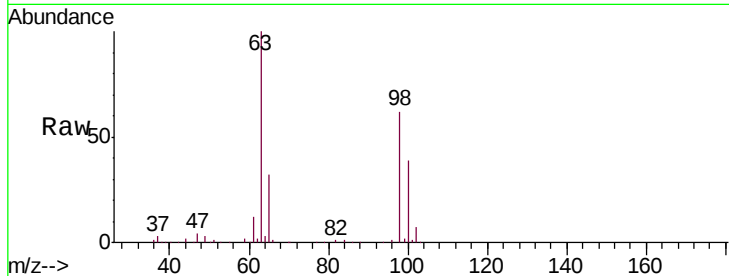
Tgt Ion: 96 Resp: 1387

Ion Ratio Lower Upper

96 100

61 1084.1 127.1 236.1#

63 9399.8 86.0 159.8#

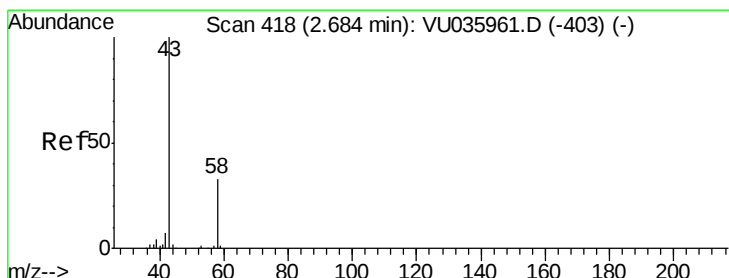
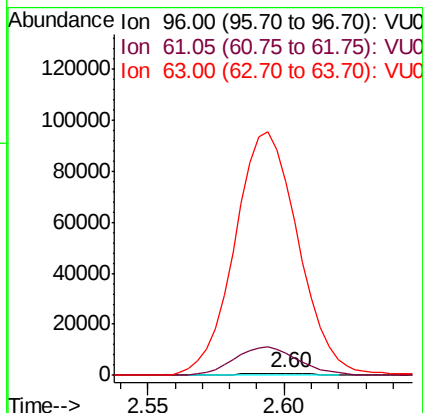
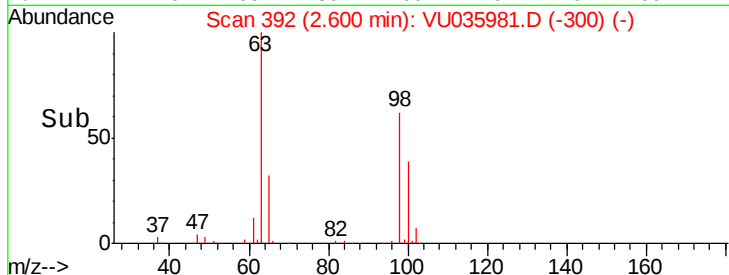


Abundance Ion 96.00 (95.70 to 96.70): VU035981.D (-392) (-)

Ion 61.05 (60.75 to 61.75): VU035981.D (-392) (-)

Ion 63.00 (62.70 to 63.70): VU035981.D (-392) (-)

Time-->



#13

Acetone

Concen: 1.993 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU035981.D

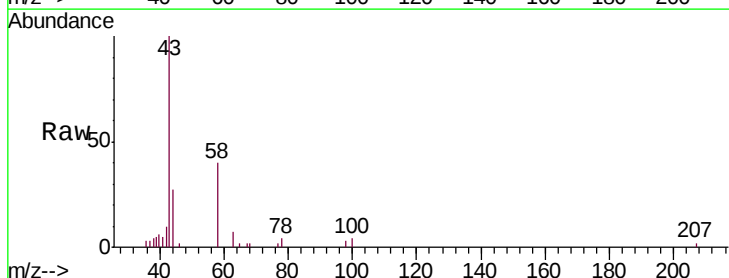
Acq: 04 Dec 2019 19:26

Tgt Ion: 43 Resp: 10138

Ion Ratio Lower Upper

43 100

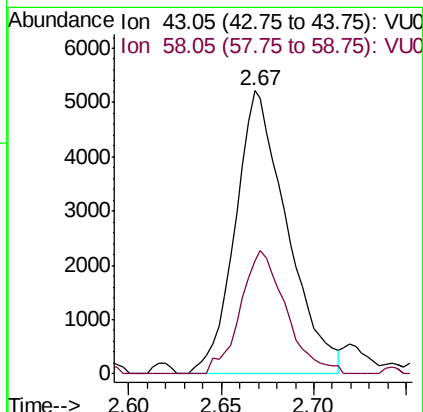
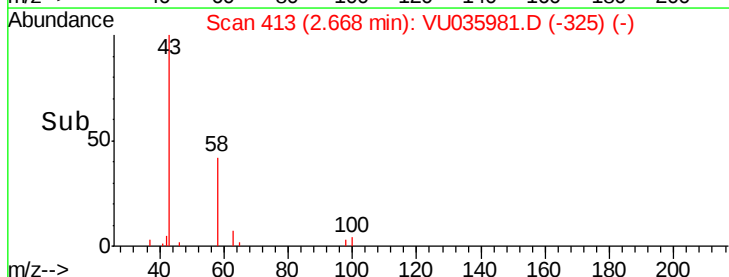
58 38.2 0.0 68.6

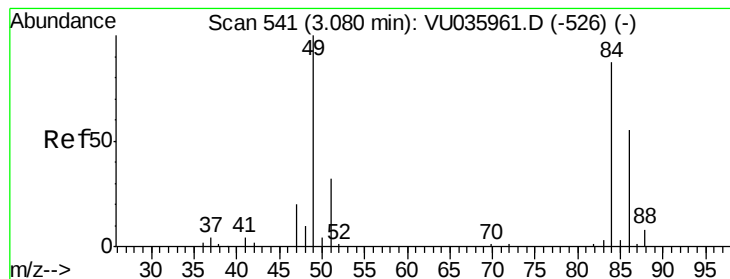


Abundance Ion 43.05 (42.75 to 43.75): VU035981.D (-413) (-)

Ion 58.05 (57.75 to 58.75): VU035981.D (-413) (-)

Time-->





#16

Methylene chloride

Concen: 0.680 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU035981.D

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MSVOA_U

ClientSampleId :

BFQR2

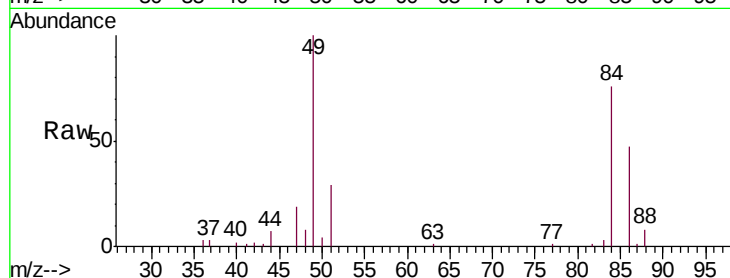
Tgt Ion: 84 Resp: 21029

Ion Ratio Lower Upper

84 100

86 62.1 44.7 82.9

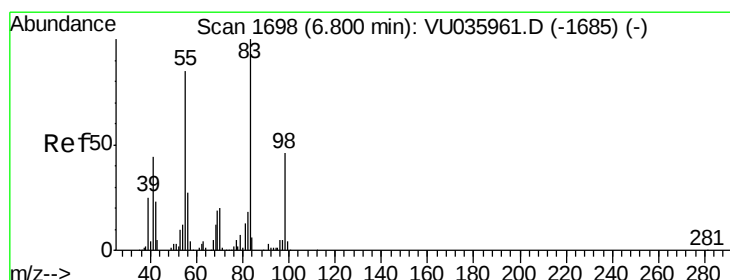
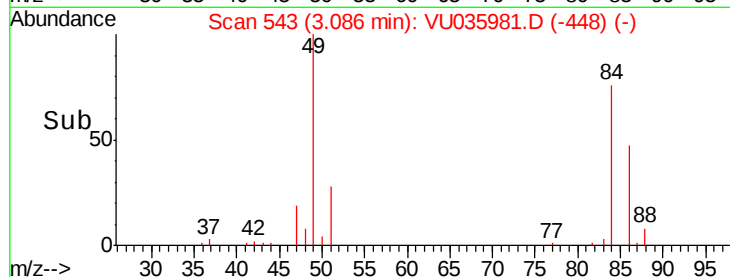
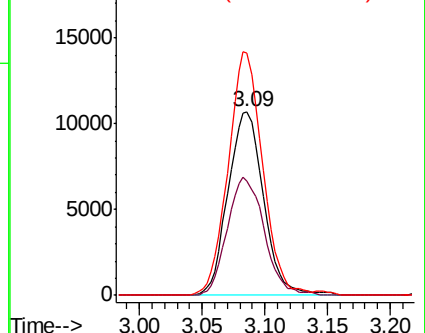
49 131.7 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#35

Methylcyclohexane

Concen: 0.914 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035981.D

Acq: 04 Dec 2019 19:26

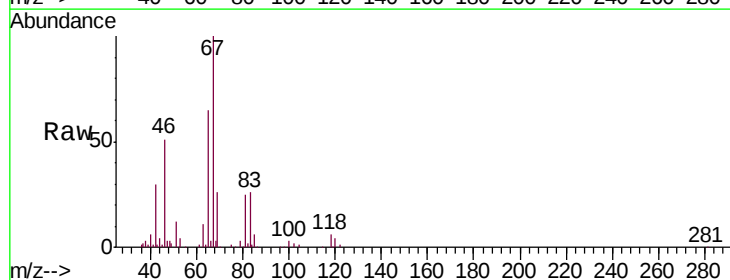
Tgt Ion: 83 Resp: 32862

Ion Ratio Lower Upper

83 100

55 0.2 67.4 101.0#

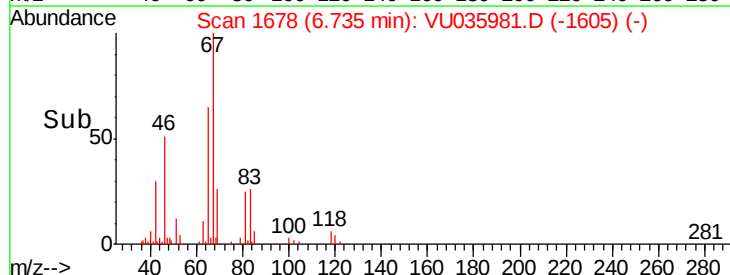
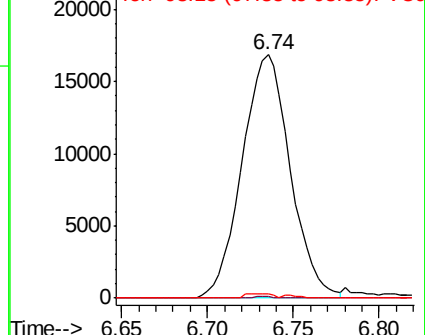
98 0.4 34.6 52.0#

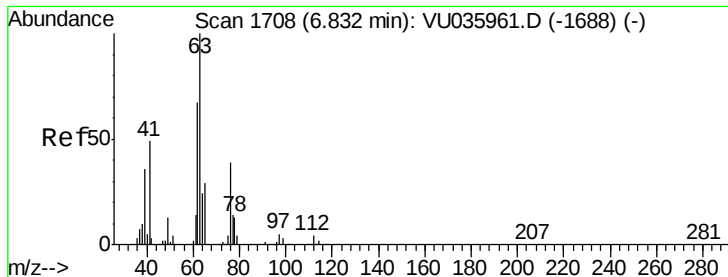


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

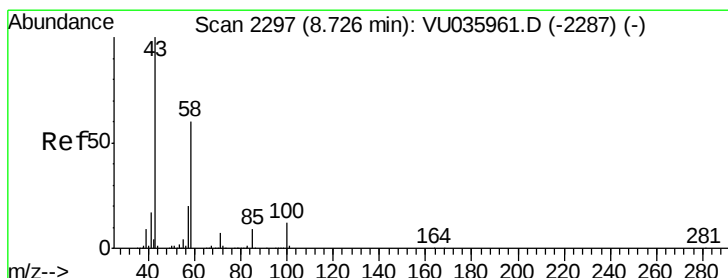
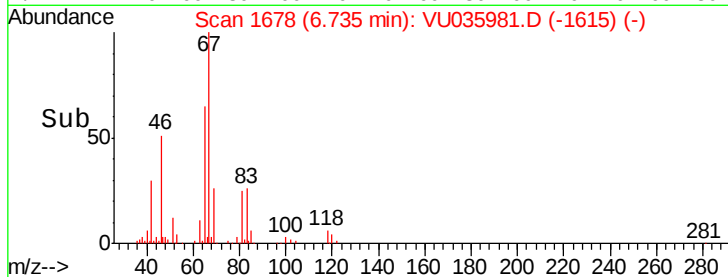
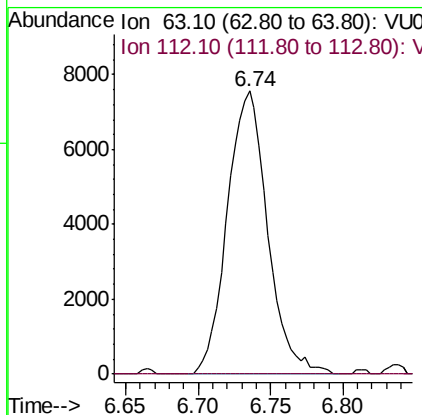
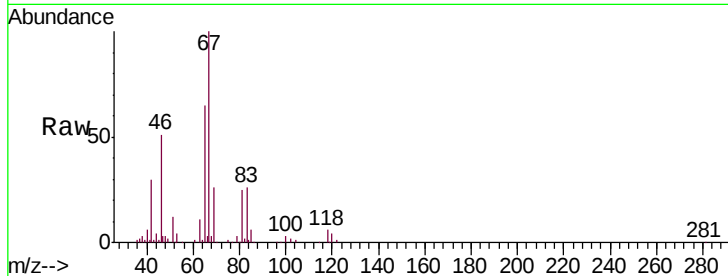




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035981.D
 Acq: 04 Dec 2019 19:26

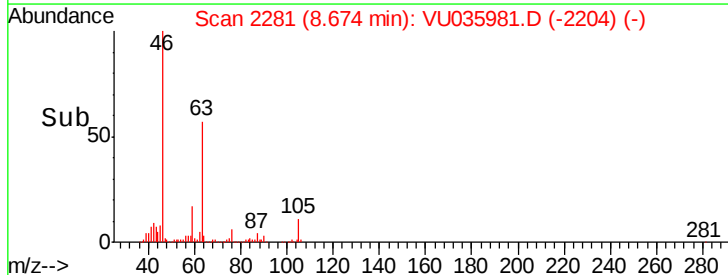
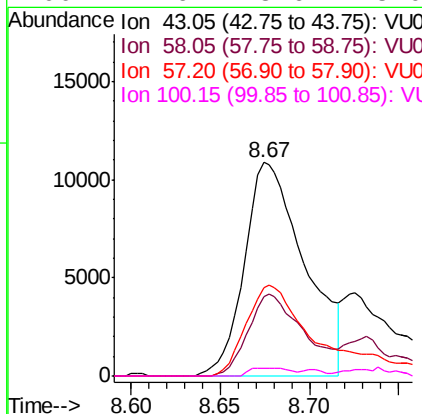
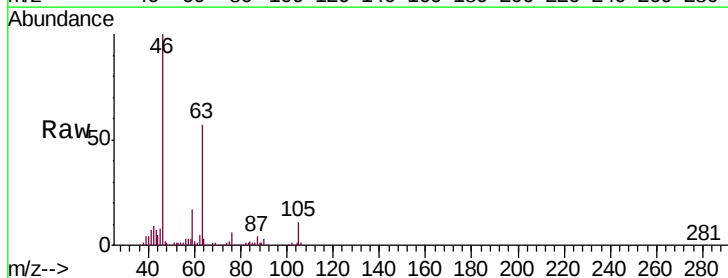
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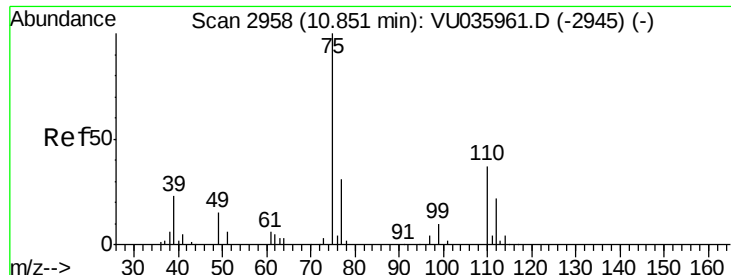
Tgt Ion: 63 Resp: 14598
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.3 4.9#



#48
 2-Hexanone
 Concen: 2.307 ug/L
 RT: 8.67 min Scan# 2281
 Delta R.T. -0.05 min
 Lab File: VU035981.D
 Acq: 04 Dec 2019 19:26

Tgt Ion: 43 Resp: 25715
 Ion Ratio Lower Upper
 43 100
 58 35.8 45.4 68.2#
 57 52.0 14.9 22.3#
 100 2.6 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.600 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035981.D

Acq: 04 Dec 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

BFQR2

Tgt Ion: 75 Resp: 10015

Ion Ratio Lower Upper

75 100

77 43.3 26.6 39.8#

