

Data File : VU035422.D
Acq On : 23 Oct 2019 21:18
Operator : JC/SP
Sample : K5488-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G34

Quant Time: Oct 24 05:25:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	201990	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	213424	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74104	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	57005	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	59403	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.59	63	80939	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.71	46	228796	64.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.28%
24) Chloroform-d	5.11	84	130384	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.75	65	75950	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
32) Benzene-d6	5.77	84	236139	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.74	67	87733	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.93	98	193721	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.22	79	29919	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.68	63	164403	49.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	81749	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	71184	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

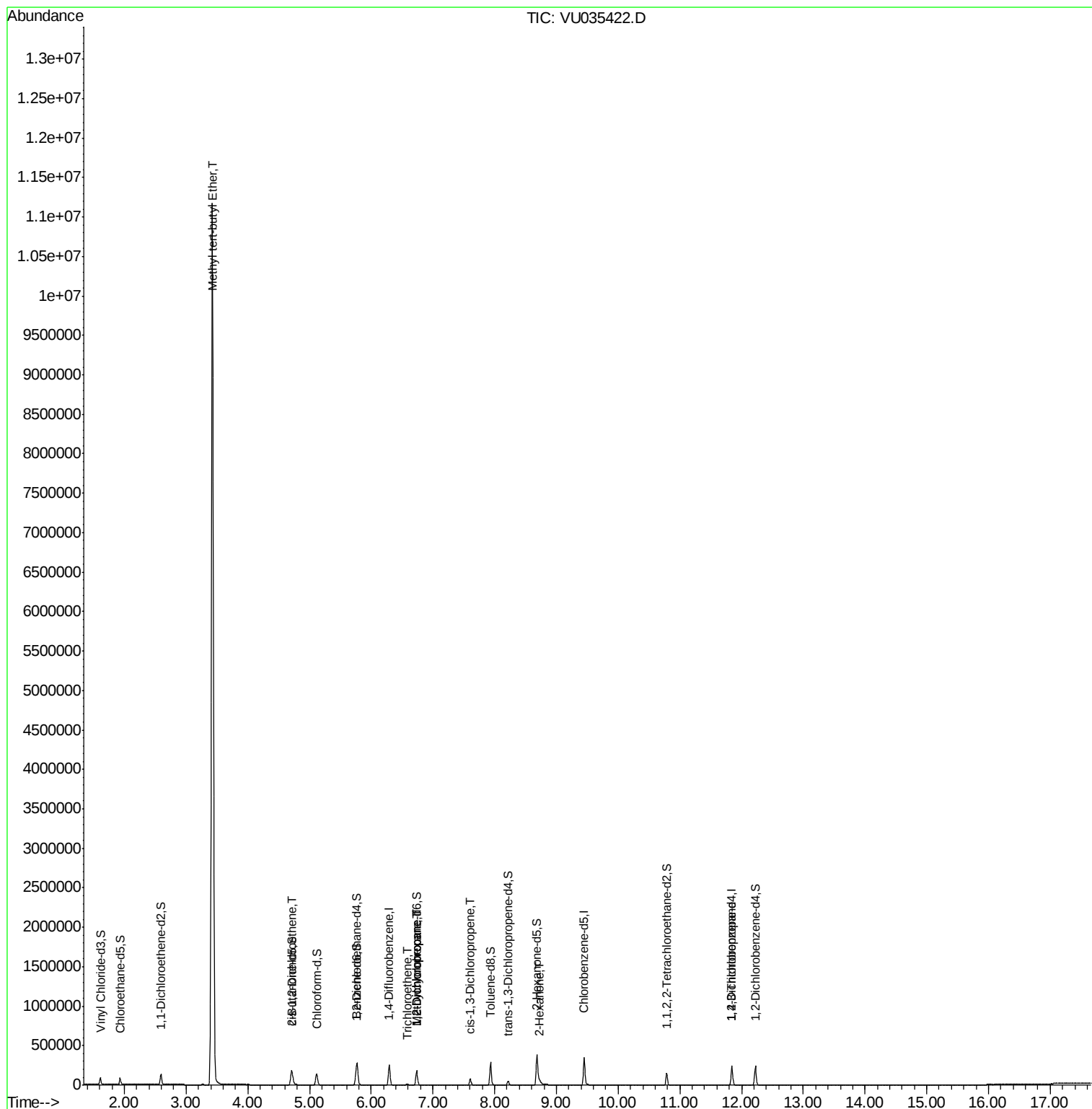
						Qvalue
17) Methyl tert-butyl Ether	3.43	73	12372760	354.256	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	25039	1.618	ug/L	97
34) Trichloroethene	6.58	95	3758	0.223	ug/L	94
35) Methylcyclohexane	6.74	83	19986	0.708	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	9555	0.599	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2161	0.081	ug/L #	61
48) 2-Hexanone	8.74	43	13190	1.748	ug/L #	85
59) 1,2,3-Trichloropropane	11.84	75	9372	0.844	ug/L	93

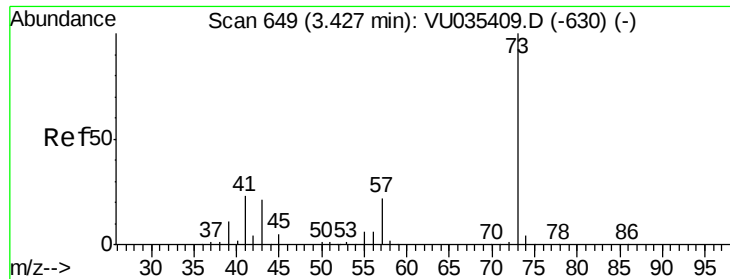
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 354.256 ug/L

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035422.D

Acq: 23 Oct 2019 21:18

Instrument :

MSVOA_U

ClientSampleId :

H0G34

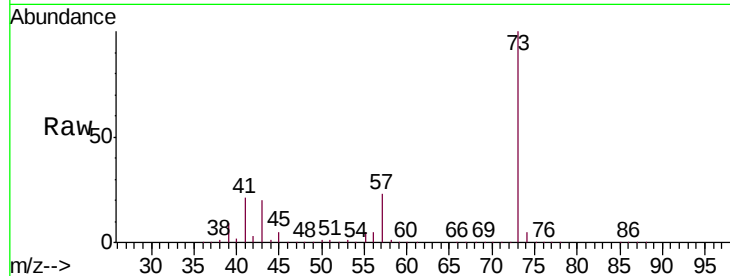
Tgt Ion: 73 Resp:12372760

Ion Ratio Lower Upper

73 100

43 19.8 16.0 24.0

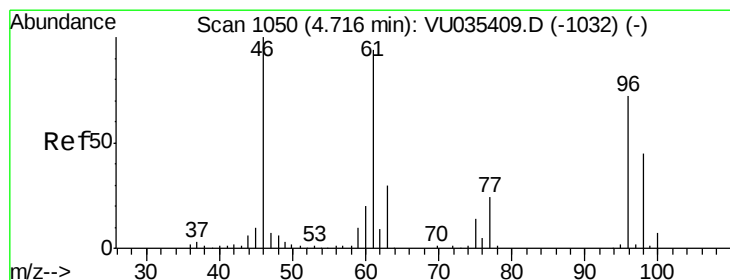
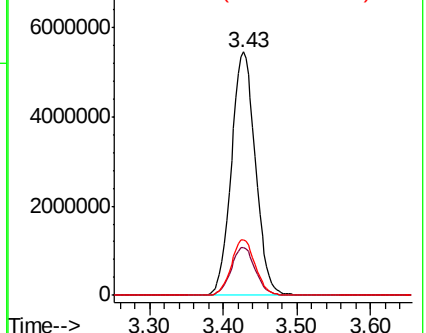
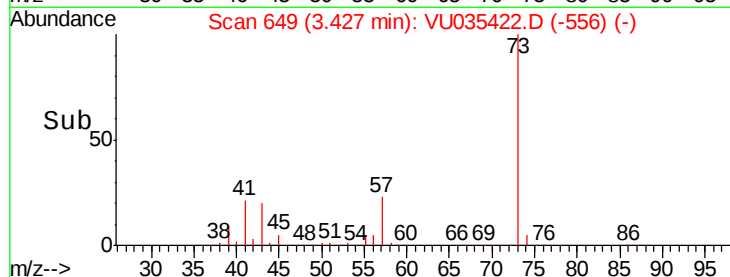
57 22.9 17.4 26.2



Abundance Ion 73.10 (72.80 to 73.80): VU035422.D (-556) (-)

Ion 43.05 (42.75 to 43.75): VU035422.D (-556) (-)

Ion 57.10 (56.80 to 57.80): VU035422.D (-556) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.618 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035422.D

Acq: 23 Oct 2019 21:18

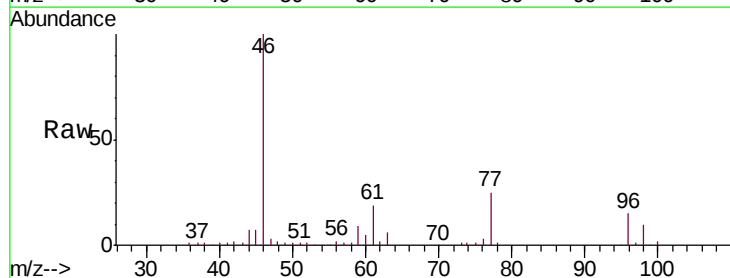
Tgt Ion: 96 Resp: 25039

Ion Ratio Lower Upper

96 100

61 124.4 89.7 166.5

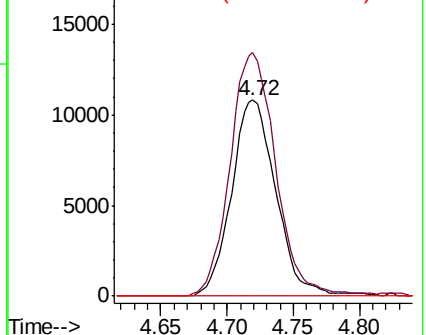
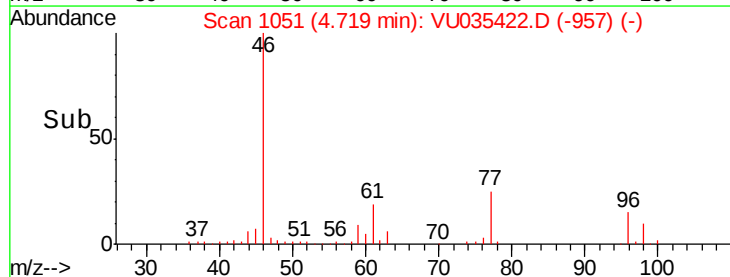
68 0.0 0.0 0.0

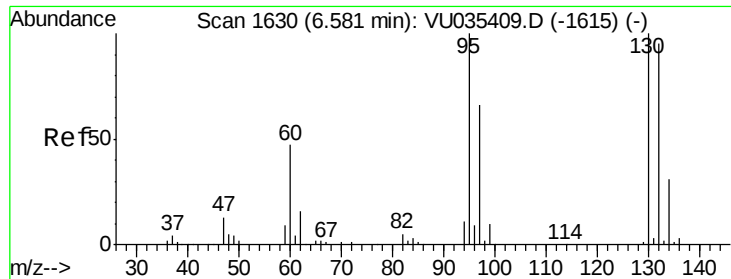


Abundance Ion 96.00 (95.70 to 96.70): VU035422.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035422.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035422.D (-957) (-)





#34

Trichloroethene

Concen: 0.223 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

H0G34

Tgt Ion: 95 Resp: 3758

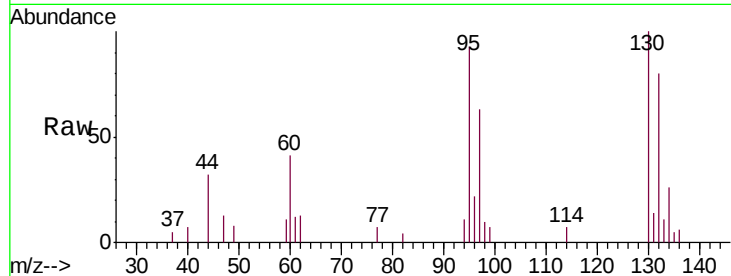
Ion Ratio Lower Upper

95 100

97 67.4 46.6 86.6

132 85.3 68.7 127.7

130 107.2 73.9 137.3

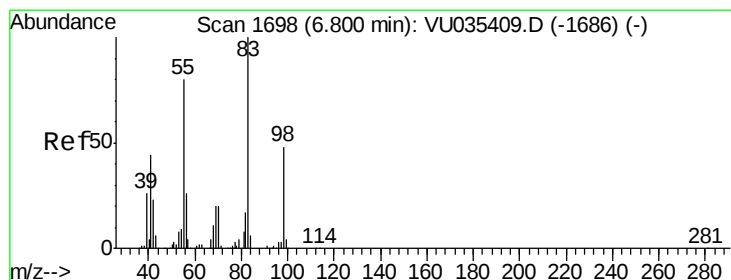
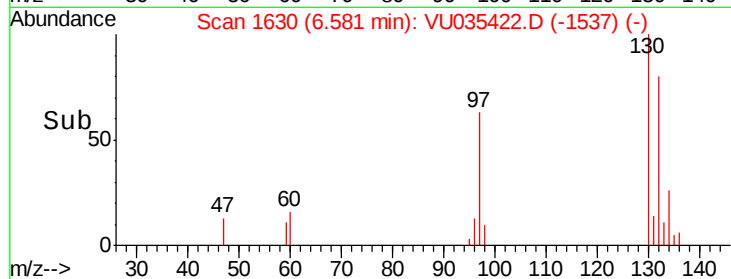
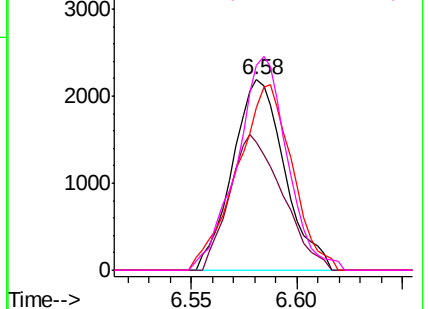


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035422.D

Acq: 23 Oct 2019 21:18

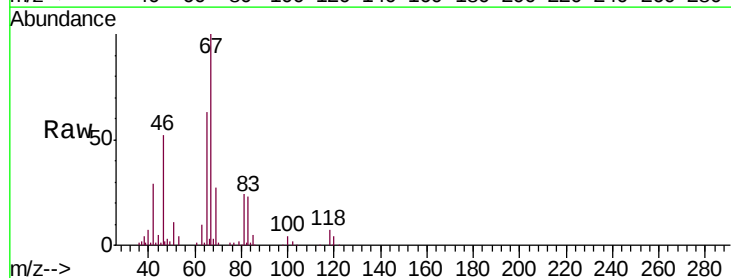
Tgt Ion: 83 Resp: 19986

Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

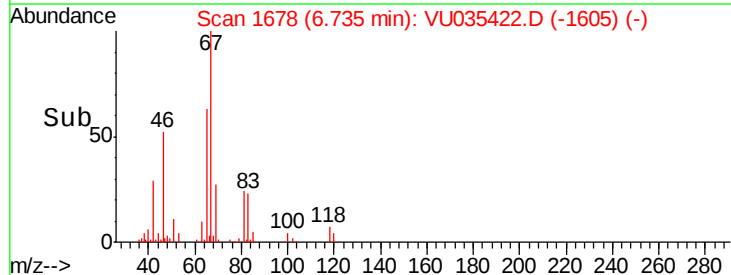
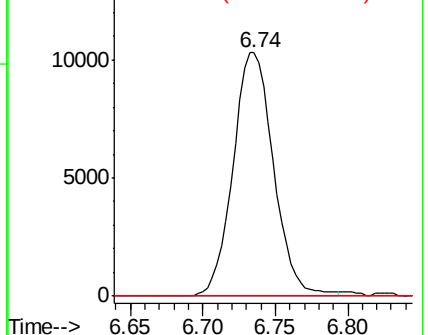
98 1.7 39.5 59.3#

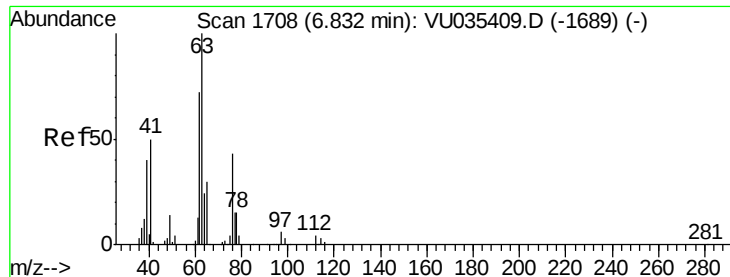


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

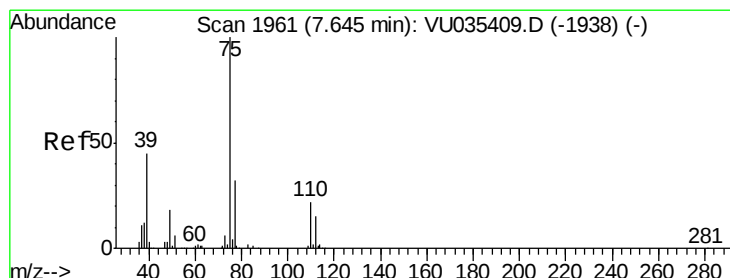
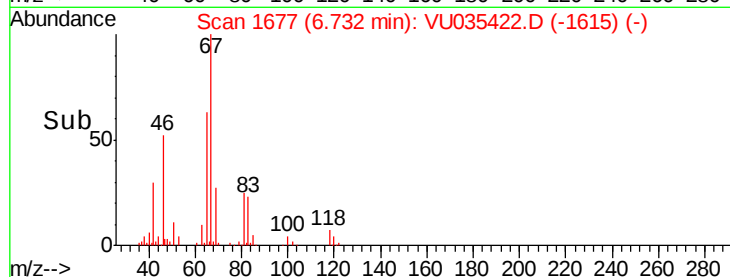
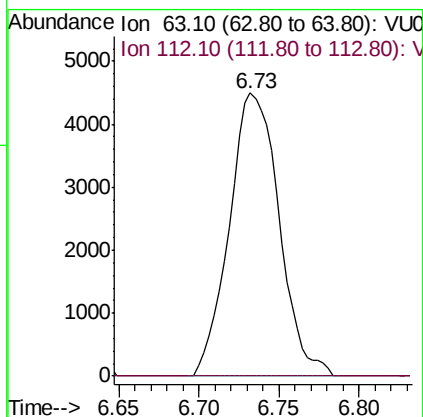
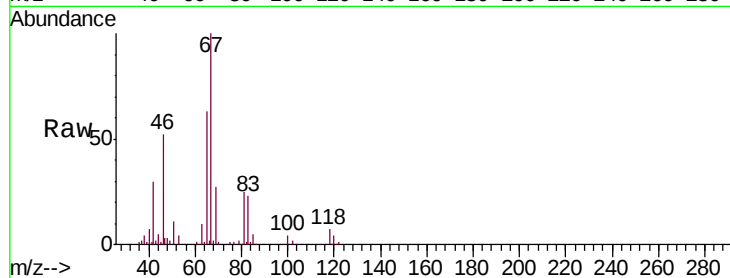




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035422.D
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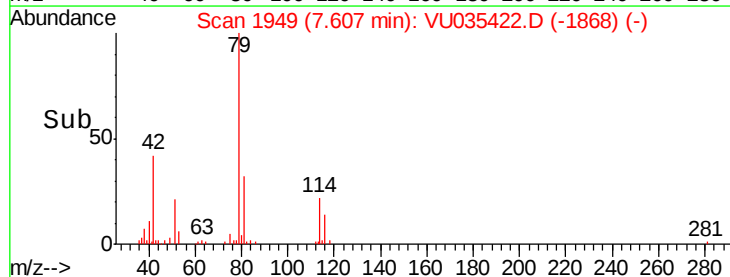
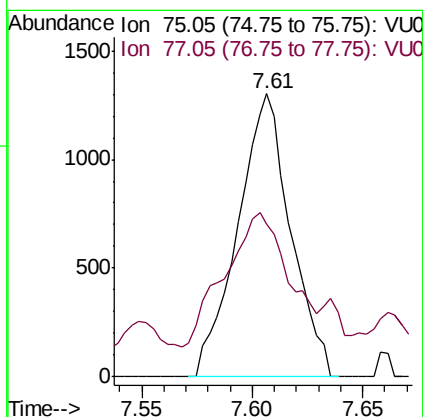
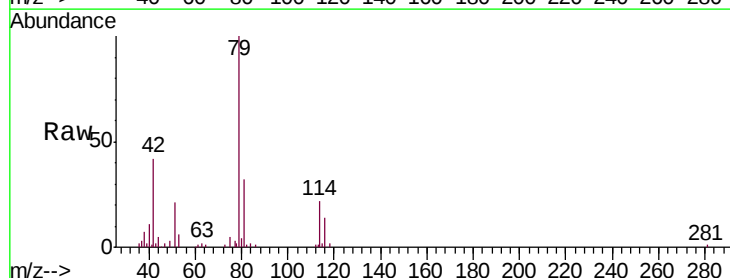
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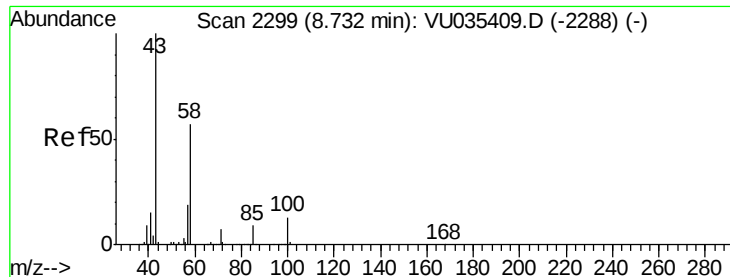
Tgt Ion: 63 Resp: 9555
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035422.D
 Acq: 23 Oct 2019 21:18

Tgt Ion: 75 Resp: 2161
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.7 42.1#

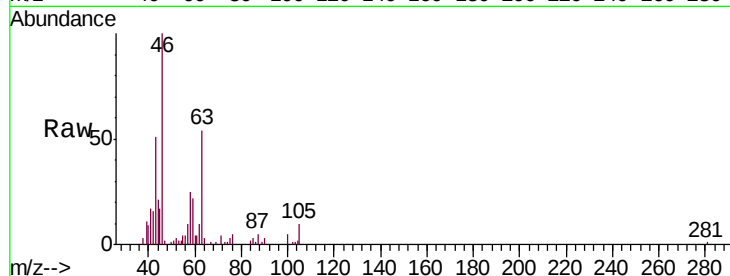




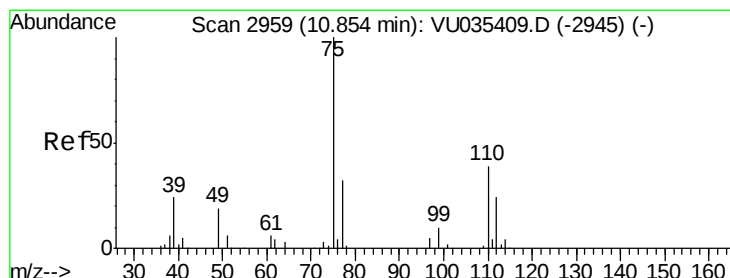
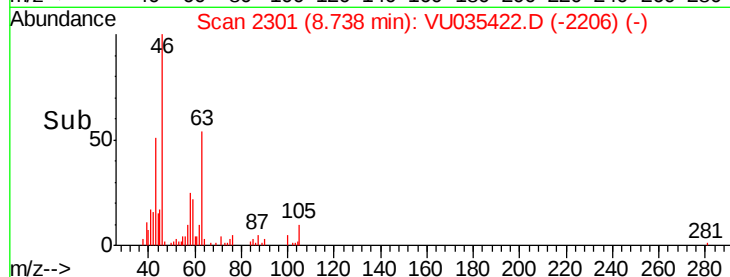
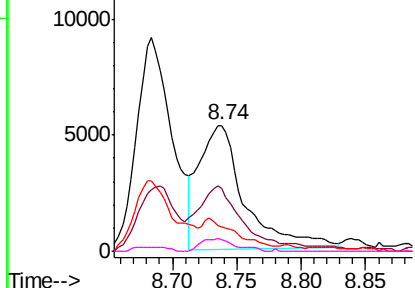
#48
 2-Hexanone
 Concen: 1.748 ug/L
 RT: 8.74 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: VU035422.D
 Acq: 23 Oct 2019 21:18

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G34

Tgt Ion: 43 Resp: 13190
 Ion Ratio Lower Upper
 43 100
 58 42.6 45.1 67.7#
 57 18.5 16.0 24.0
 100 7.6 10.4 15.6#

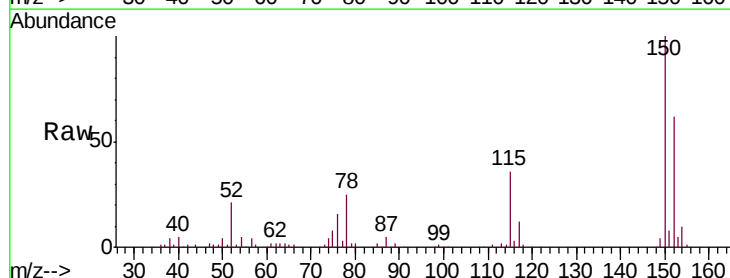


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 0.844 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035422.D
 Acq: 23 Oct 2019 21:18

Tgt Ion: 75 Resp: 9372
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

