

Data File : VU035719.D
Acq On : 15 Nov 2019 12:11
Operator : JC/SP
Sample : K5856-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG5

Quant Time: Nov 16 01:40:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	239176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	114017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112834	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.93	69	104240	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.59	63	143614	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.71	46	306020	56.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.60%
24) Chloroform-d	5.11	84	210608	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.75	65	111907	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.77	84	423139	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.73	67	143079	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.93	98	352790	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.22	79	50782	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.68	63	226758	54.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121616	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	129095	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

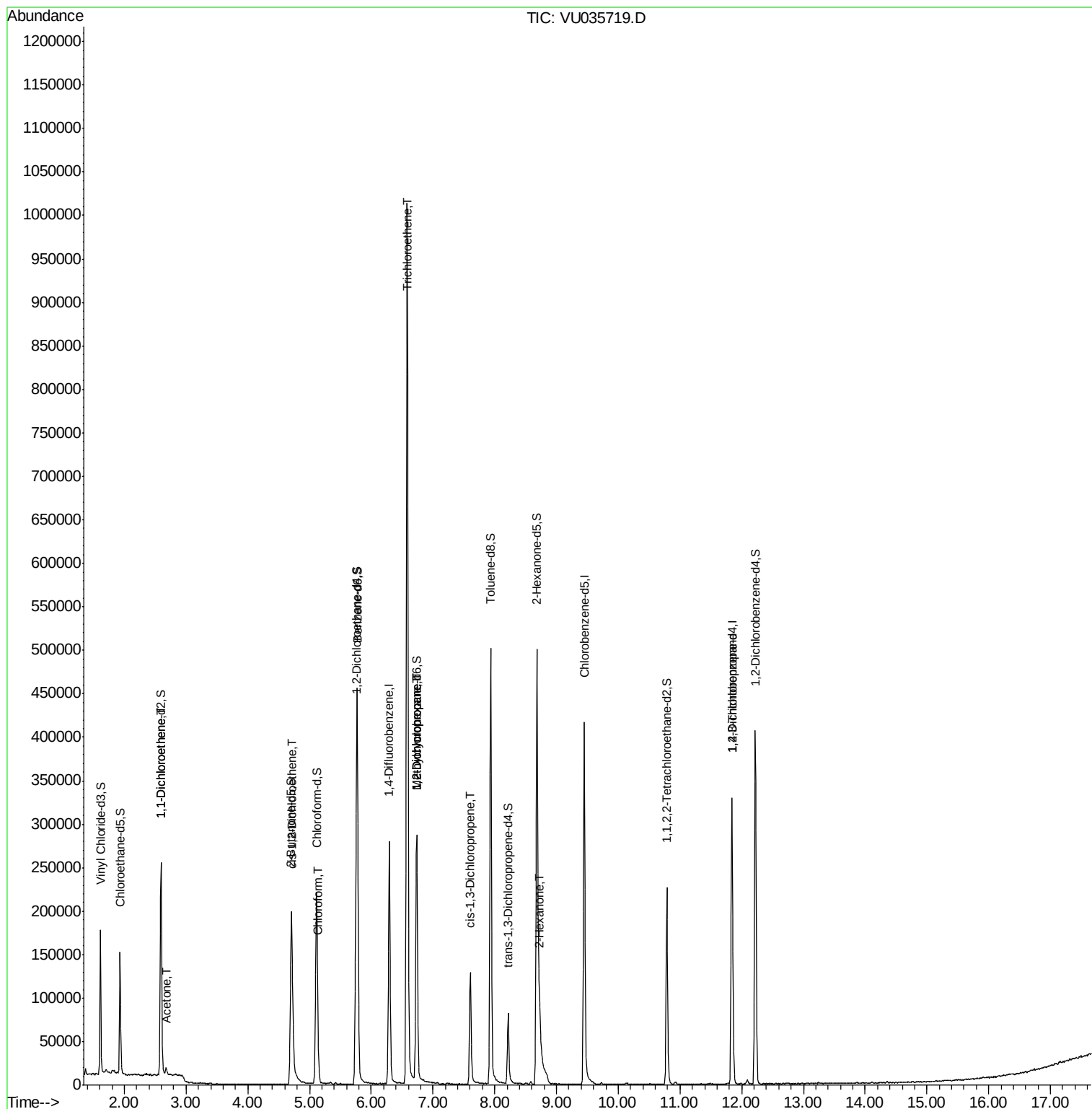
					Qvalue
12) 1,1-Dichloroethene	2.60	96	2831	0.135 ug/L #	1
13) Acetone	2.68	43	9321	2.378 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	7783	0.325 ug/L	98
25) Chloroform	5.14	83	11202	0.256 ug/L	96
34) Trichloroethene	6.58	95	358609	15.176 ug/L	98
35) Methylcyclohexane	6.74	83	32233	0.895 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	14969	0.615 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	3234	0.093 ug/L #	44
48) 2-Hexanone	8.73	43	22056	2.218 ug/L #	94
59) 1,2,3-Trichloropropane	11.84	75	12534	0.779 ug/L	100

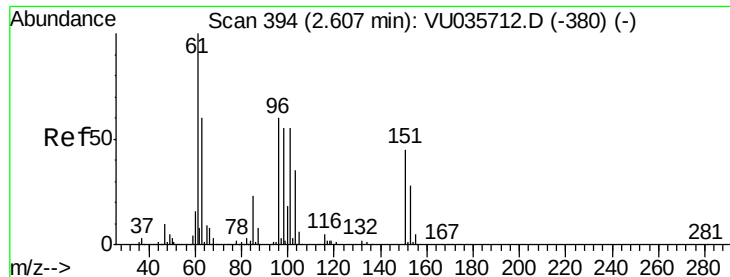
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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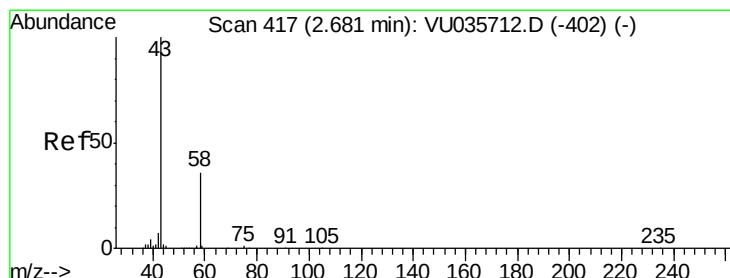
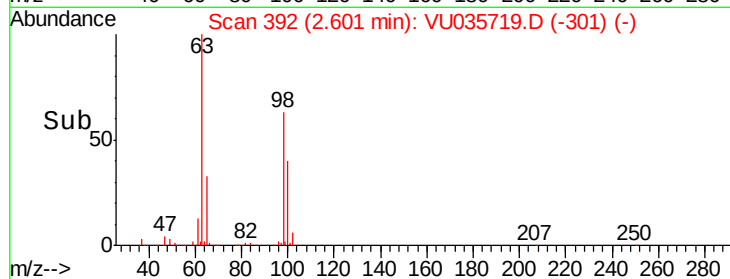
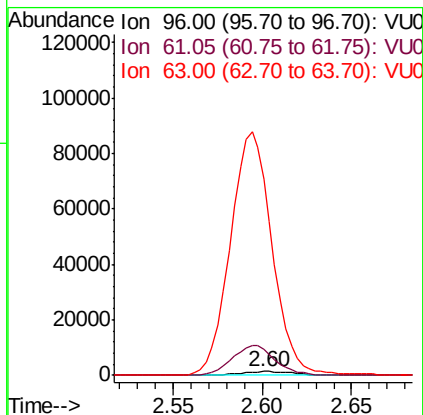
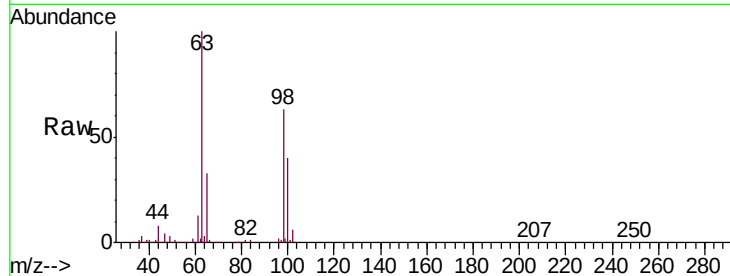




#12
 1,1-Dichloroethene
 Concen: 0.135 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: VU035719.D
 Acq: 15 Nov 2019 12:11

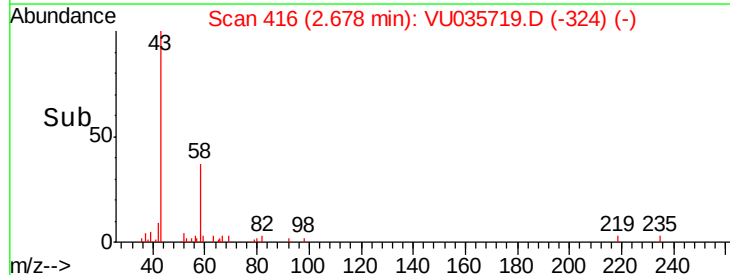
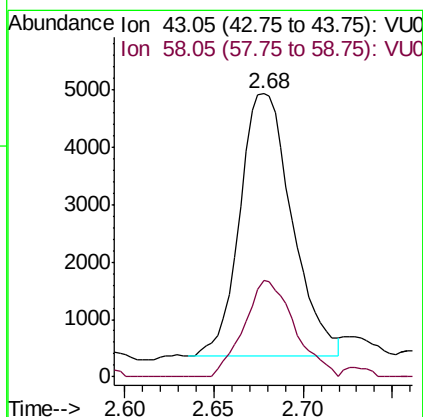
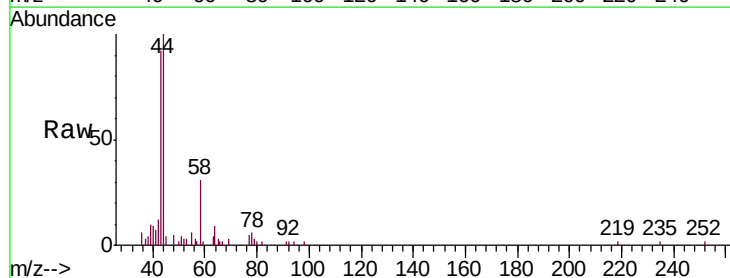
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG5

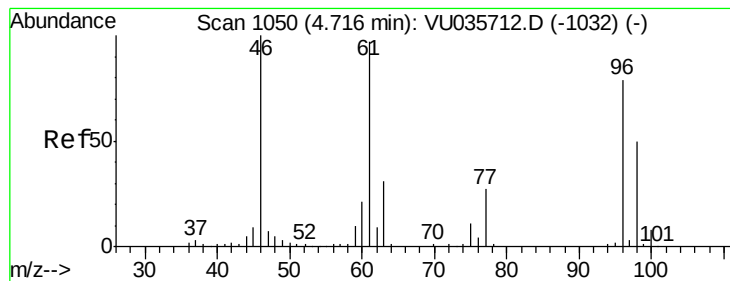
Tgt Ion: 96 Resp: 2831
 Ion Ratio Lower Upper
 96 100
 61 713.2 123.1 228.5#
 63 5350.6 87.8 163.0#



#13
 Acetone
 Concen: 2.378 ug/L
 RT: 2.68 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VU035719.D
 Acq: 15 Nov 2019 12:11

Tgt Ion: 43 Resp: 9321
 Ion Ratio Lower Upper
 43 100
 58 35.5 0.0 69.8





#22

cis-1,2-Dichloroethene

Concen: 0.325 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035719.D

Acq: 15 Nov 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

GAQG5

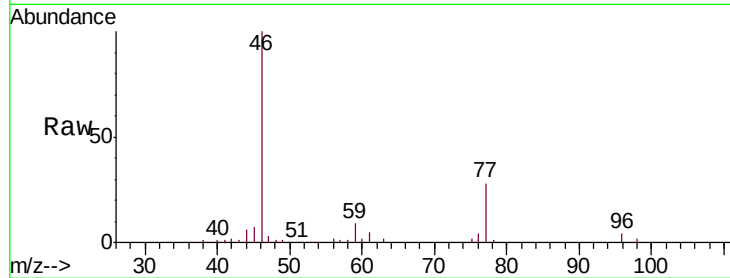
Tgt Ion: 96 Resp: 7783

Ion Ratio Lower Upper

96 100

61 121.8 87.0 161.6

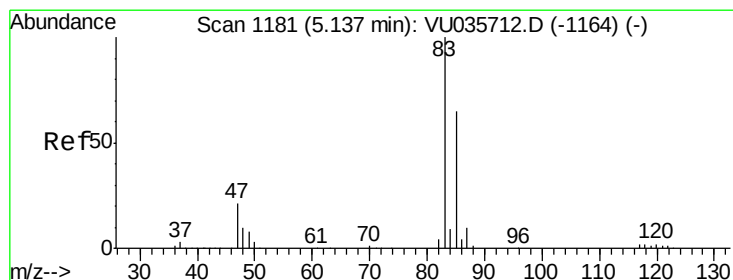
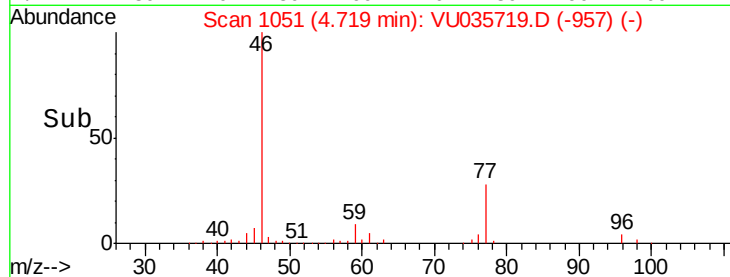
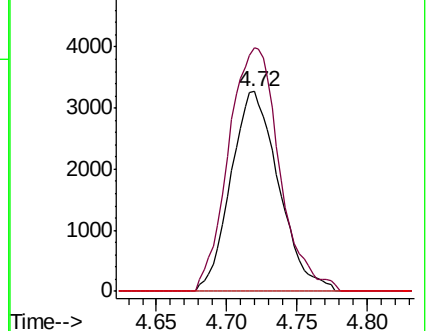
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035719.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035719.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035719.D (-957) (-)



#25

Chloroform

Concen: 0.256 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035719.D

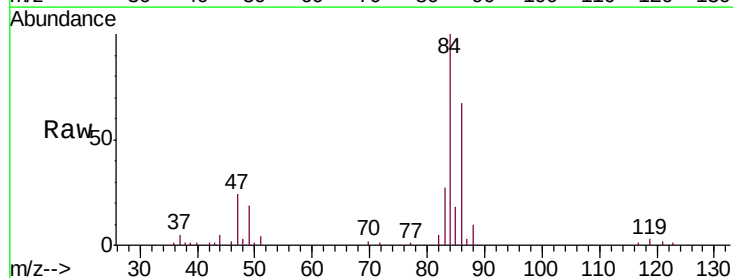
Acq: 15 Nov 2019 12:11

Tgt Ion: 83 Resp: 11202

Ion Ratio Lower Upper

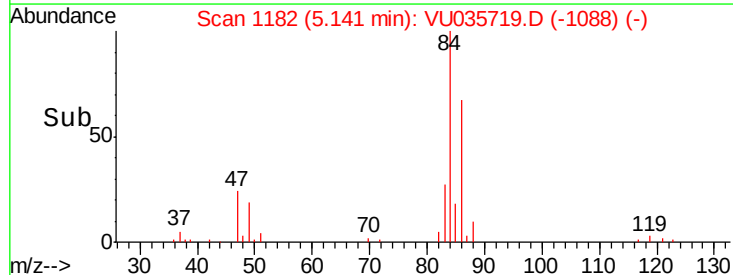
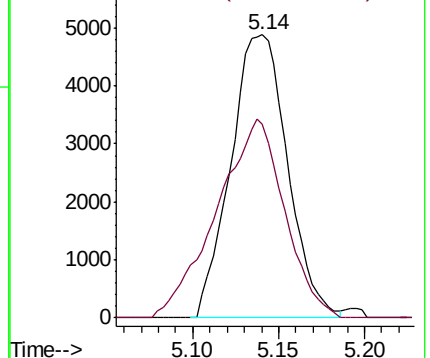
83 100

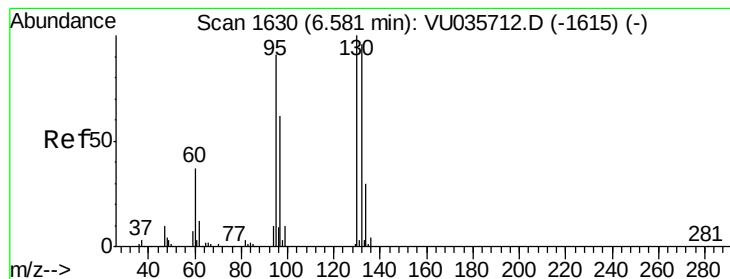
85 68.3 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035719.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035719.D (-1088) (-)





#34

Trichloroethene

Concen: 15.176 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035719.D

Acq: 15 Nov 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

GAQG5

Tgt Ion: 95 Resp: 358609

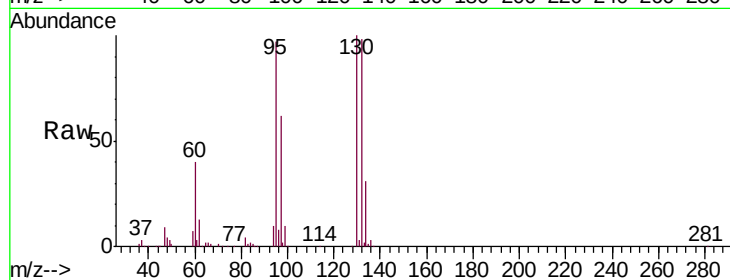
Ion Ratio Lower Upper

95 100

97 63.8 44.5 82.7

132 101.5 69.9 129.7

130 103.3 74.1 137.7

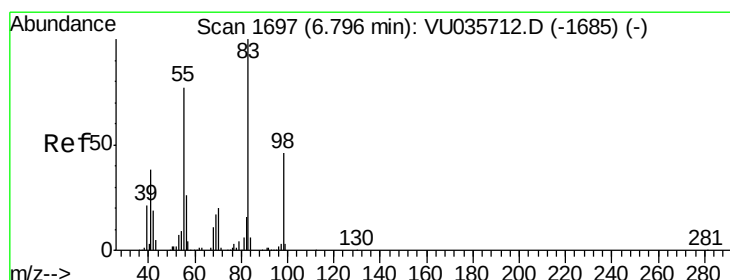
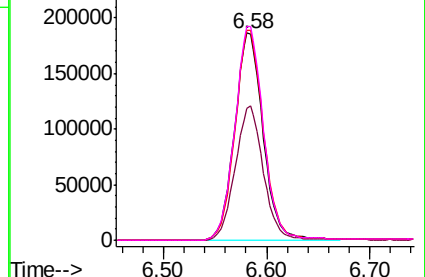
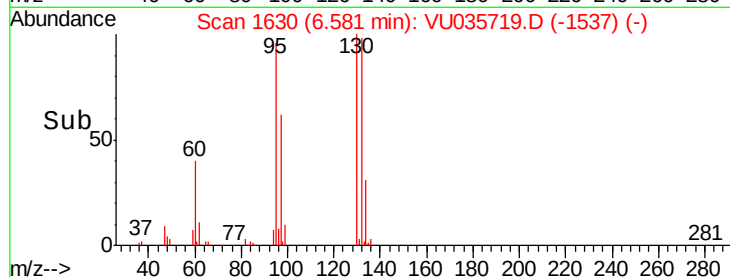


Abundance Ion 95.00 (94.70 to 95.70): VU035719.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035719.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035719.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035719.D (-1537) (-)



#35

Methylcyclohexane

Concen: 0.895 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035719.D

Acq: 15 Nov 2019 12:11

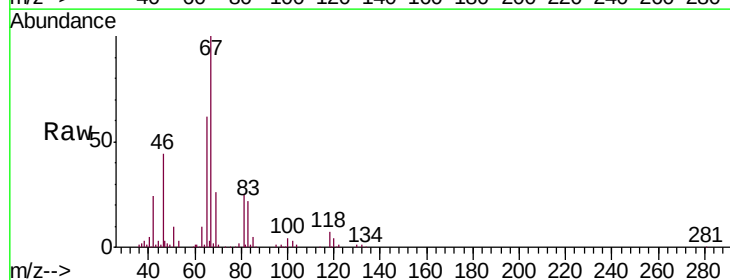
Tgt Ion: 83 Resp: 32233

Ion Ratio Lower Upper

83 100

55 0.1 62.6 93.8#

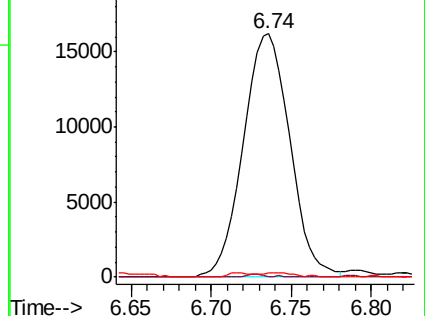
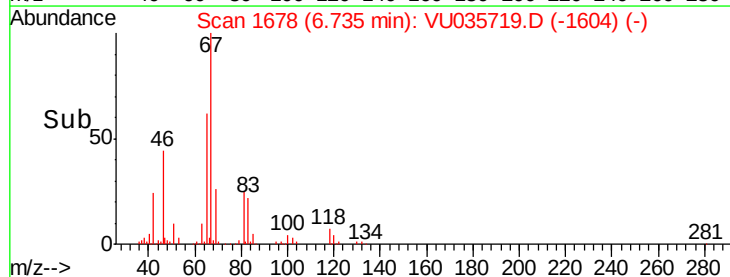
98 1.1 37.2 55.8#

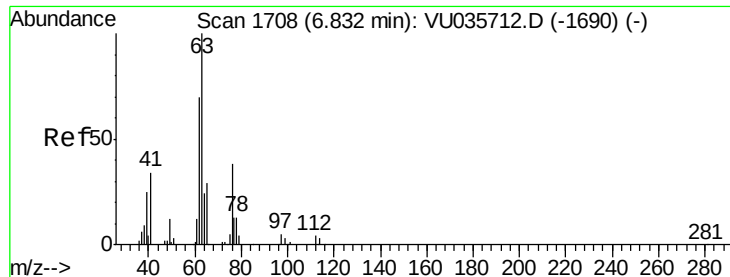


Abundance Ion 83.15 (82.85 to 83.85): VU035719.D (-1604) (-)

Ion 55.10 (54.80 to 55.80): VU035719.D (-1604) (-)

Ion 98.15 (97.85 to 98.85): VU035719.D (-1604) (-)

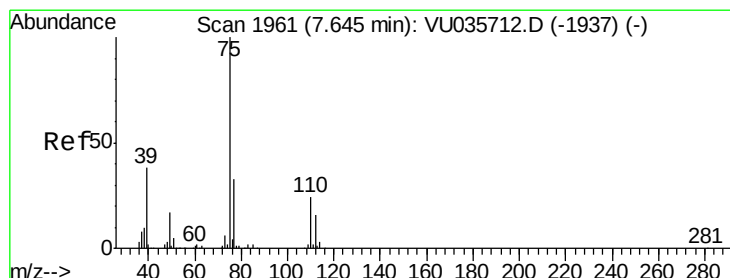
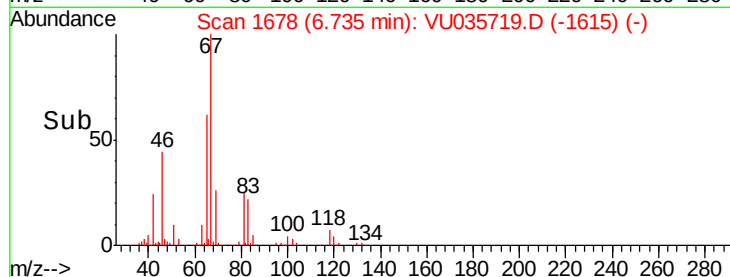
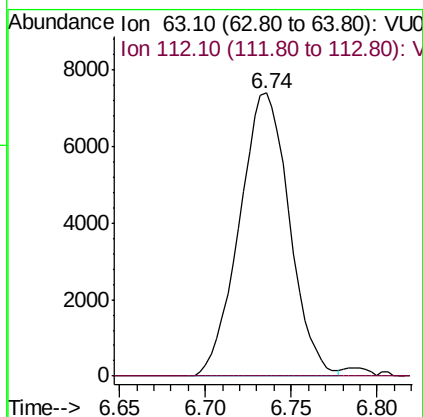
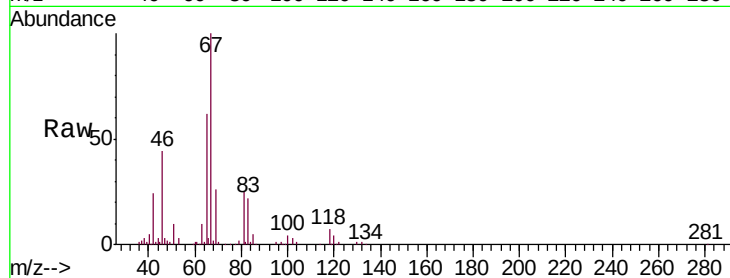




#37
 1,2-Dichloropropane
 Concen: 0.615 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035719.D
 Acq: 15 Nov 2019 12:11

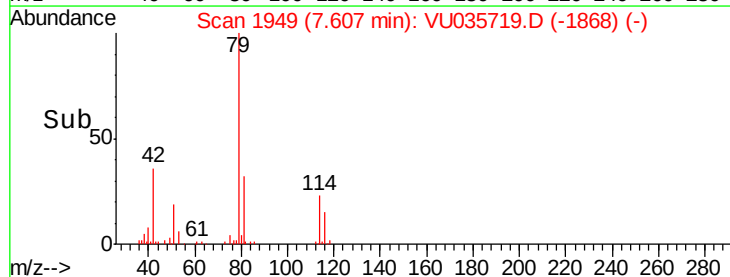
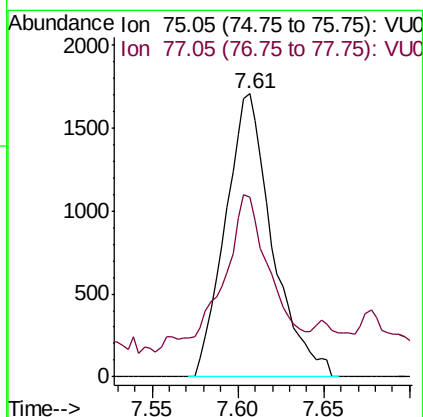
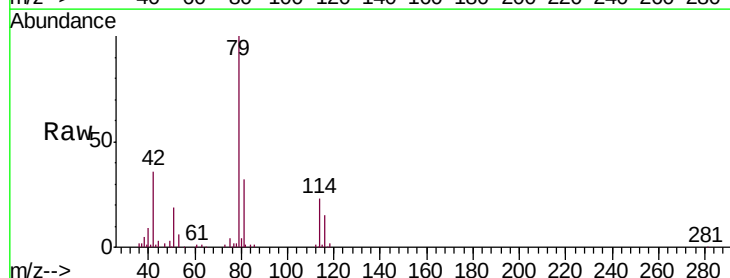
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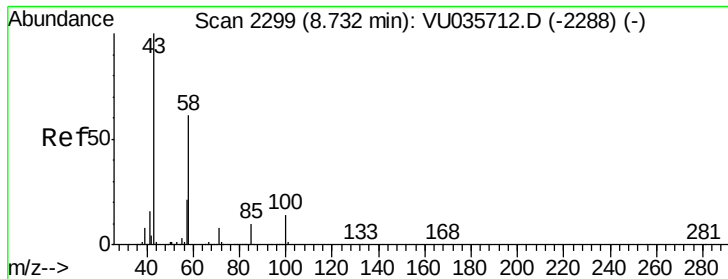
Tgt Ion: 63 Resp: 14969
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035719.D
 Acq: 15 Nov 2019 12:11

Tgt Ion: 75 Resp: 3234
 Ion Ratio Lower Upper
 75 100
 77 63.4 22.5 41.7#

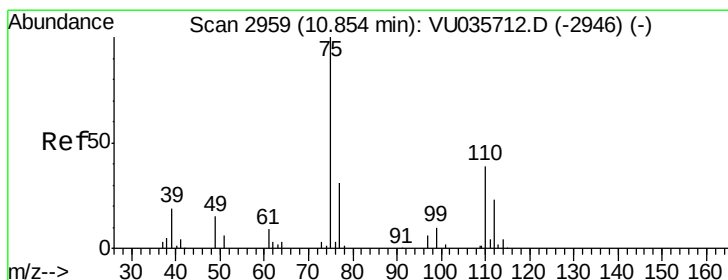
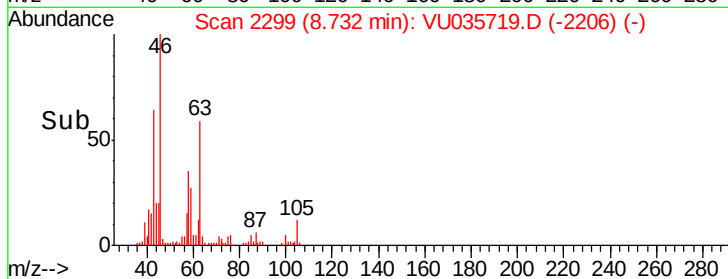
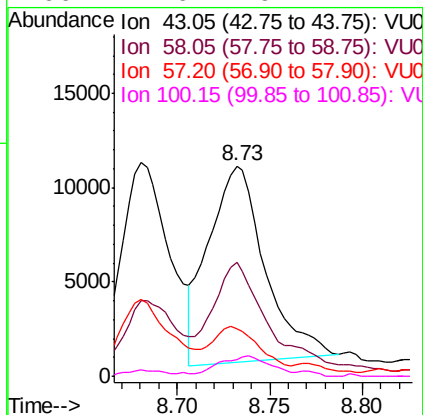
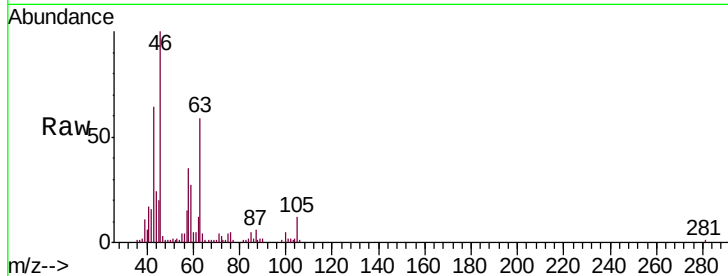




#48
 2-Hexanone
 Concen: 2.218 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VU035719.D
 Acq: 15 Nov 2019 12:11

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 ClientSampleId :
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Tgt Ion:	43	Resp:	22056
Ion	Ratio	Lower	Upper
43	100		
58	58.7	44.1	66.1
57	21.3	15.1	22.7
100	7.6	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.779 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035719.D
 Acq: 15 Nov 2019 12:11

Tgt Ion:	75	Resp:	12534
Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.8	40.2

