

Data File : VU035498.D
Acq On : 25 Oct 2019 20:01
Operator : JC/SP
Sample : K5554-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ87

Quant Time: Oct 26 04:11:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	202921	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	228727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	133711	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.93	69	109246	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.60	63	163348	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.70	46	259488	48.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.16%
24) Chloroform-d	5.11	84	182386	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	108043	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.77	84	398159	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.74	67	131734	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	323759	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.22	79	46597	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.70	63	181041	45.90	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102695	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	88785	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

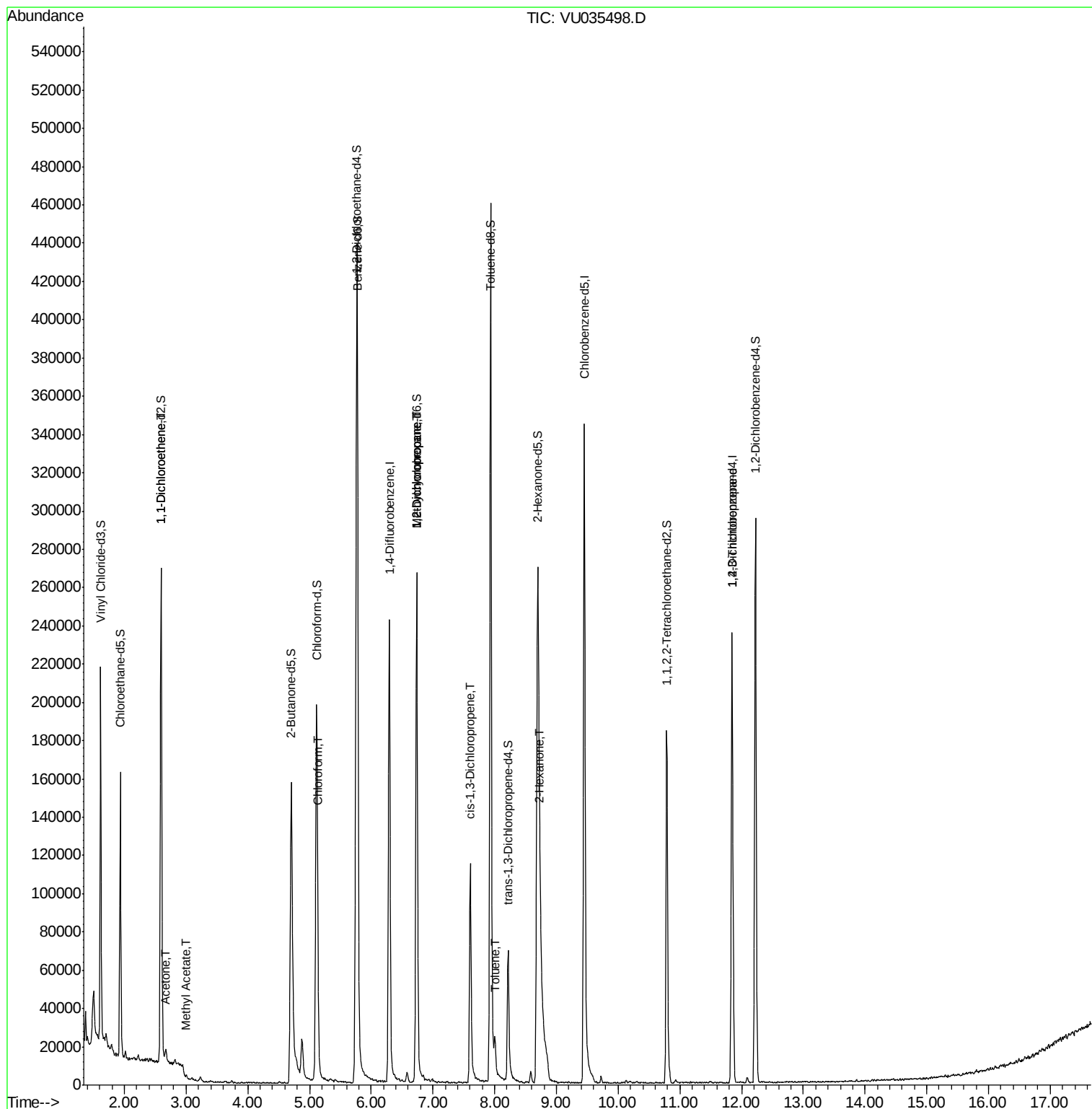
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1228	0.064 ug/L #	1
13) Acetone	2.67	43	6307	1.555 ug/L	89
15) Methyl Acetate	3.01	43	1529	0.164 ug/L #	65
25) Chloroform	5.14	83	15773	0.359 ug/L	97
35) Methylcyclohexane	6.74	83	30362	0.877 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14000	0.582 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3180	0.095 ug/L #	40
42) Toluene	8.00	91	12014	0.129 ug/L	92
48) 2-Hexanone	8.74	43	14677	1.531 ug/L #	90
59) 1,2,3-Trichloropropane	11.84	75	9633	0.625 ug/L	91

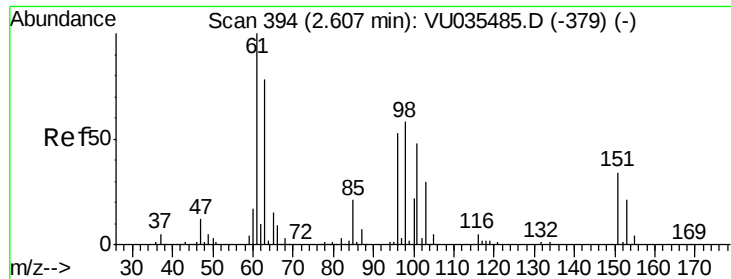
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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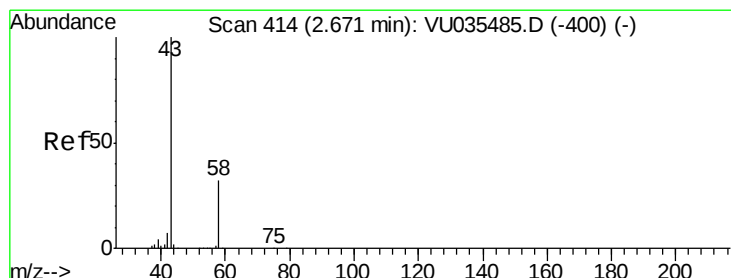
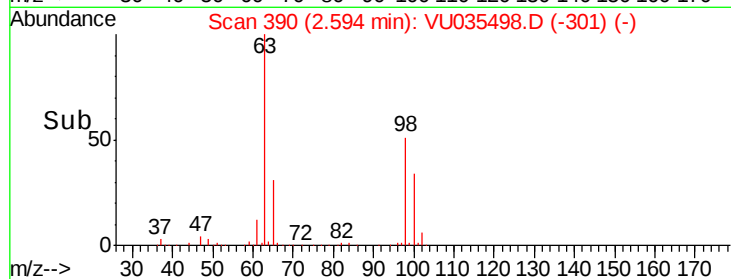
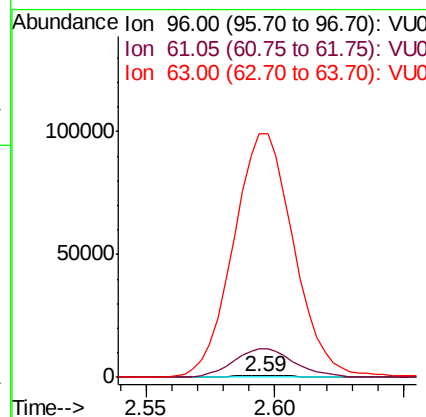
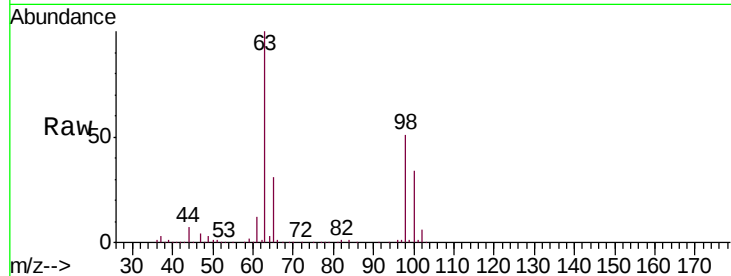




#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035498.D
 Acq: 25 Oct 2019 20:01

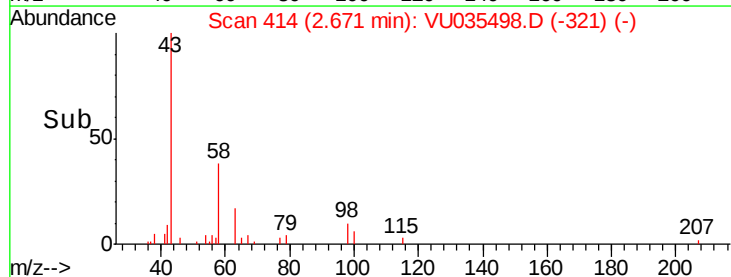
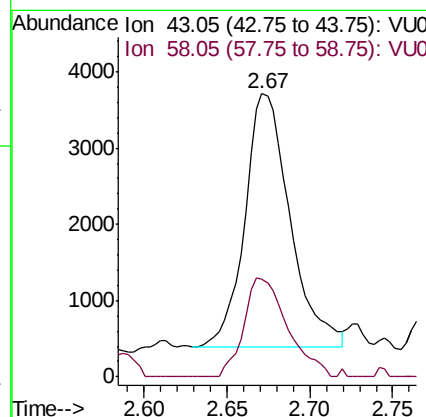
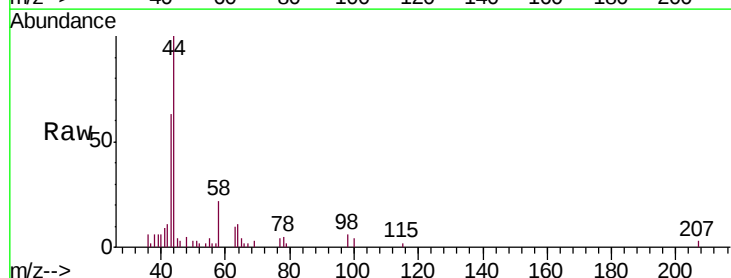
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ87

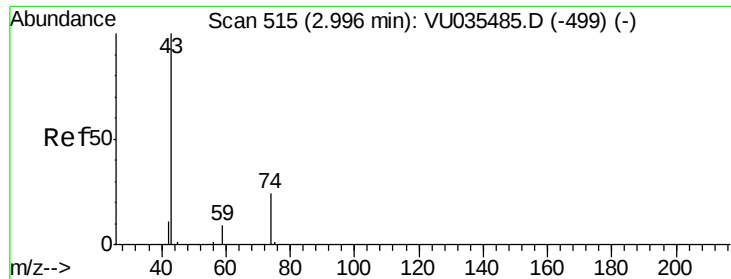
Tgt Ion: 96 Resp: 1228
 Ion Ratio Lower Upper
 96 100
 61 2052.6 131.9 244.9#
 63 17474.4 97.0 180.2#



#13
 Acetone
 Concen: 1.555 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: VU035498.D
 Acq: 25 Oct 2019 20:01

Tgt Ion: 43 Resp: 6307
 Ion Ratio Lower Upper
 43 100
 58 37.7 0.0 63.2





#15

Methyl Acetate

Concen: 0.164 ug/L

RT: 3.01 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU035498.D

Acq: 25 Oct 2019 20:01

Instrument :

MSVOA_U

ClientSampleId :

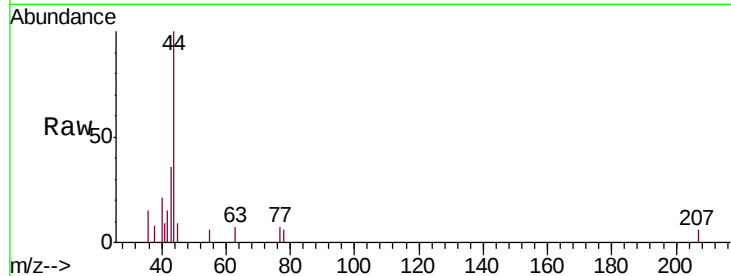
GAQ87

Tgt Ion: 43 Resp: 1529

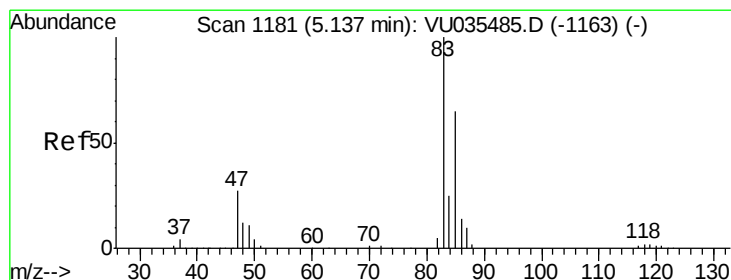
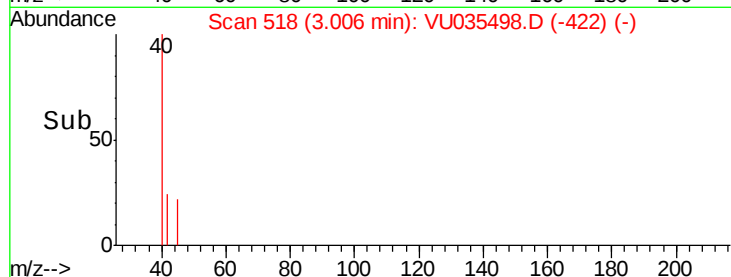
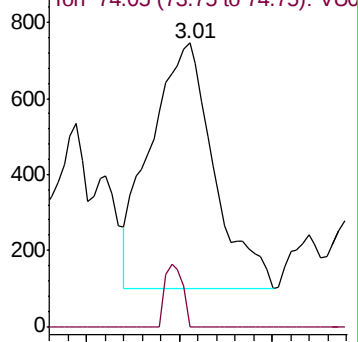
Ion Ratio Lower Upper

43 100

74 7.1 19.4 29.2#



Abundance Ion 43.05 (42.75 to 43.75): VU035485.D (-499) (-)



#25

Chloroform

Concen: 0.359 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035498.D

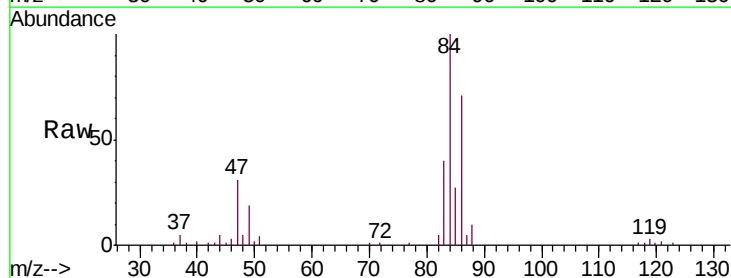
Acq: 25 Oct 2019 20:01

Tgt Ion: 83 Resp: 15773

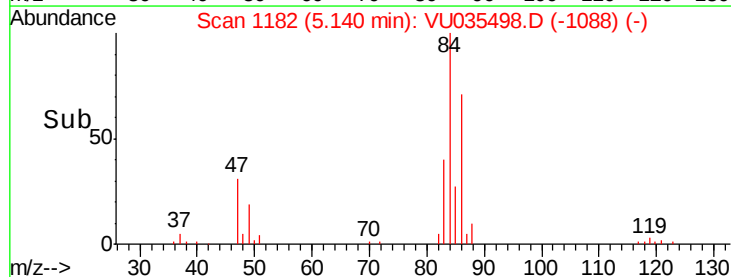
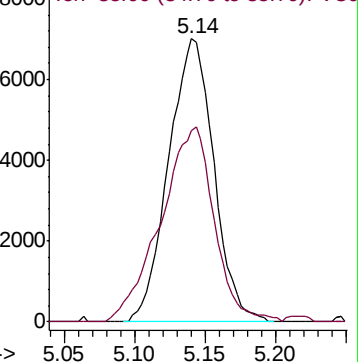
Ion Ratio Lower Upper

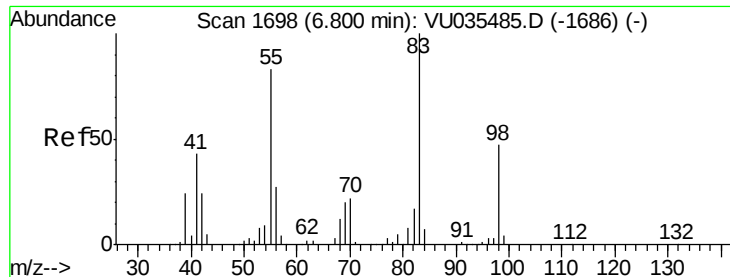
83 100

85 67.4 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VU035485.D (-1163) (-)

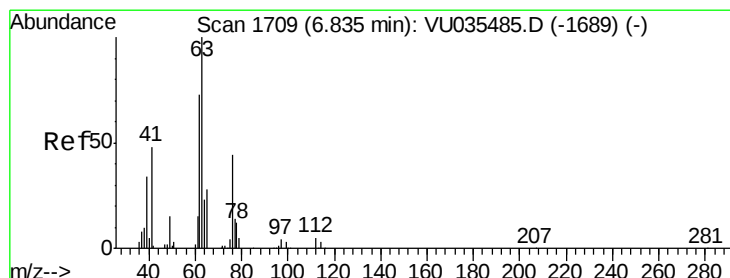
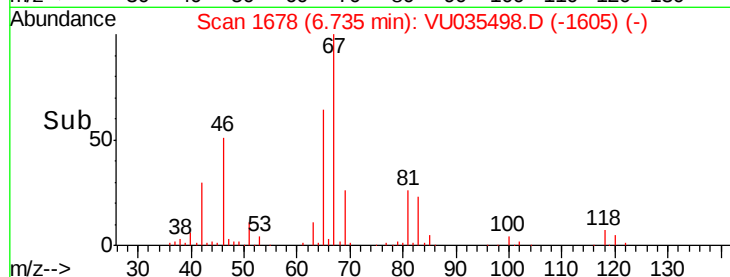
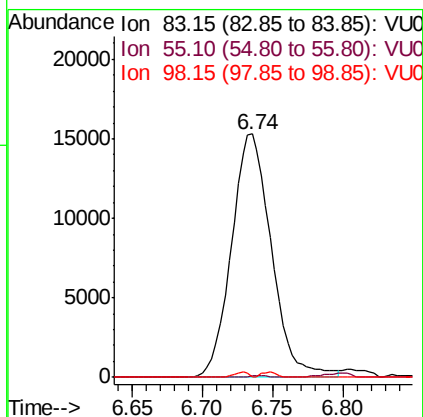
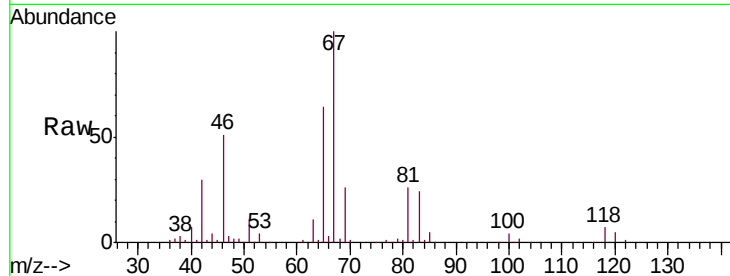




#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035498.D
Acq: 25 Oct 2019 20:01

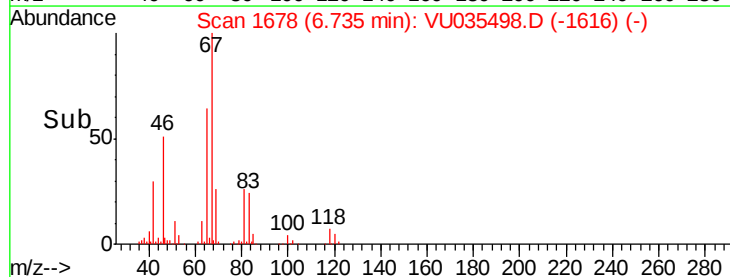
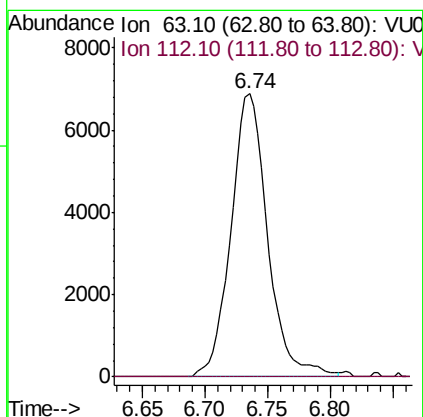
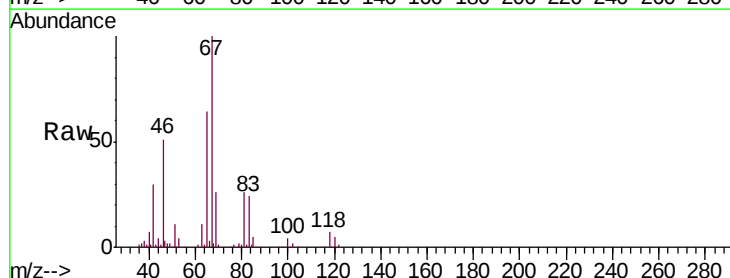
Instrument :
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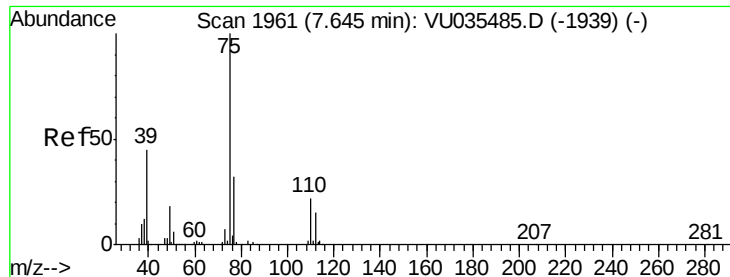
Tgt Ion: 83 Resp: 30362
Ion Ratio Lower Upper
83 100
55 0.3 67.3 100.9#
98 0.7 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035498.D
Acq: 25 Oct 2019 20:01

Tgt Ion: 63 Resp: 14000
Ion Ratio Lower Upper
63 100
112 0.1 3.6 5.4#

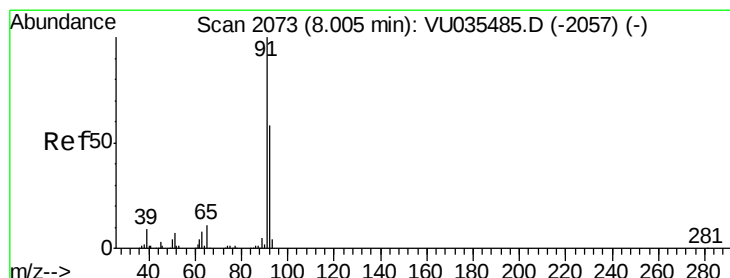
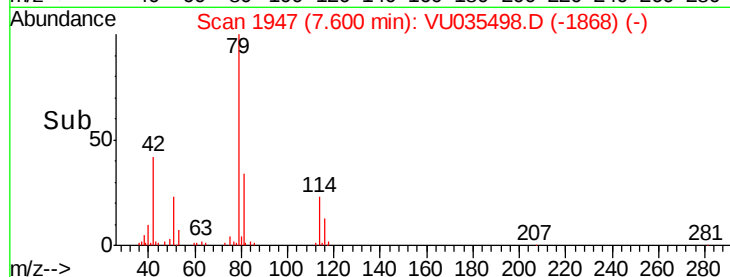
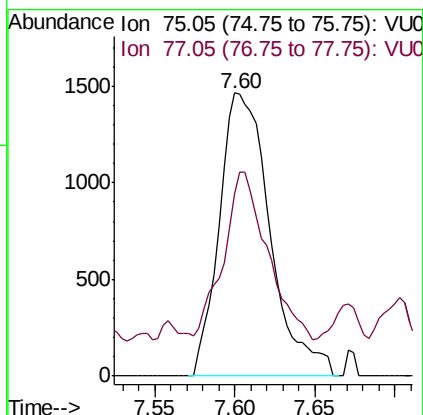
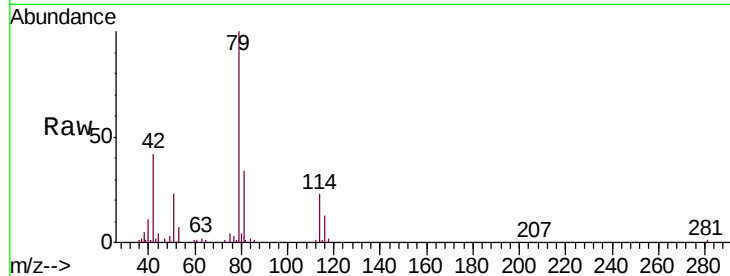




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.05 min
 Lab File: VU035498.D
 Acq: 25 Oct 2019 20:01

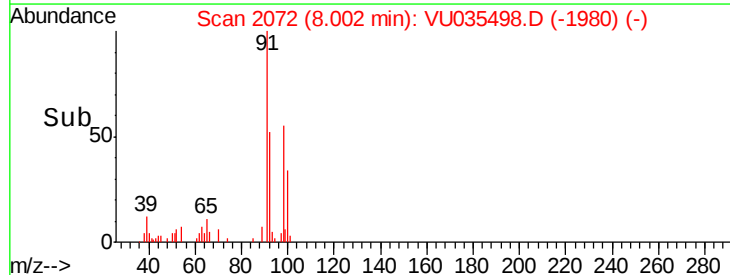
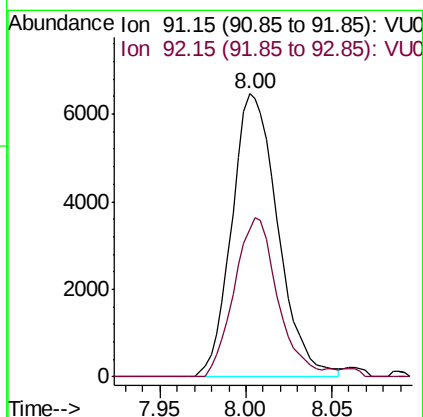
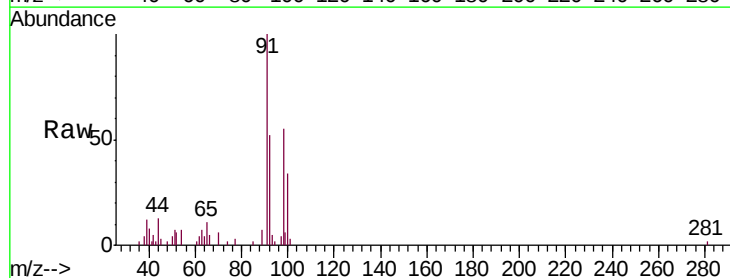
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 ClientSampleId :
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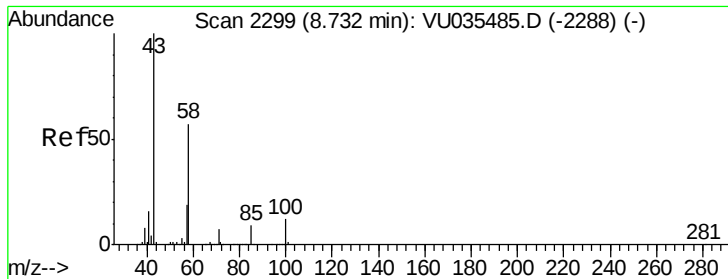
Tgt Ion: 75 Resp: 3180
 Ion Ratio Lower Upper
 75 100
 77 64.4 22.0 40.8#



#42
 Toluene
 Concen: 0.129 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU035498.D
 Acq: 25 Oct 2019 20:01

Tgt Ion: 91 Resp: 12014
 Ion Ratio Lower Upper
 91 100
 92 52.2 40.9 75.9

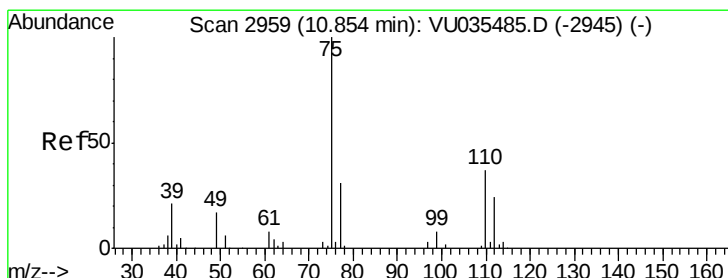
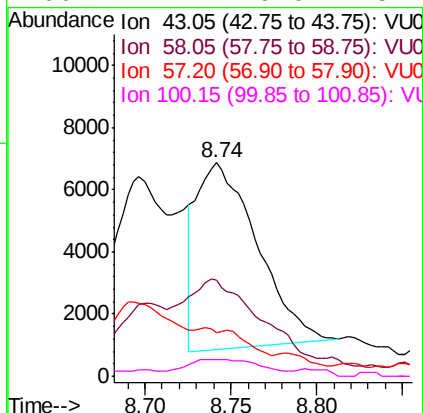
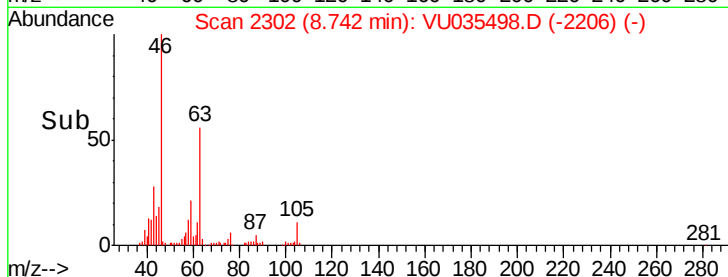
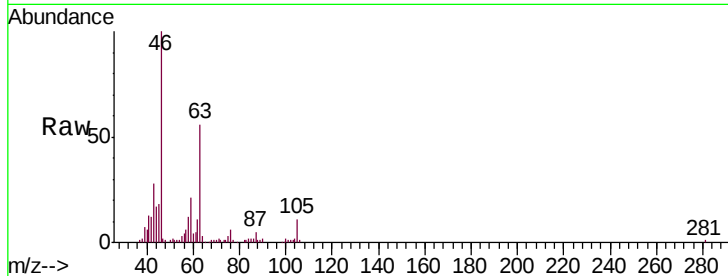




#48
 2-Hexanone
 Concen: 1.531 ug/L
 RT: 8.74 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: VU035498.D
 Acq: 25 Oct 2019 20:01

Instrument :
 MSVOA_U
 ClientSampled :
 GAQ87

Tgt Ion: 43 Resp: 14677
 Ion Ratio Lower Upper
 43 100
 58 55.6 43.1 64.7
 57 0.0 14.2 21.2#
 100 11.4 9.0 13.4



#59
 1,2,3-Trichloropropane
 Concen: 0.625 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035498.D
 Acq: 25 Oct 2019 20:01

Tgt Ion: 75 Resp: 9633
 Ion Ratio Lower Upper
 75 100
 77 39.5 27.4 41.0

