

Data File : VU035989.D
Acq On : 05 Dec 2019 13:08
Operator : JC/SP
Sample : K6132-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQX6RE

Quant Time: Dec 06 01:00:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	274770	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71936	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	134350	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	116617	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.59	63	154111	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.69	46	204065	36.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.58%
24) Chloroform-d	5.11	84	202547	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	108046	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.77	84	411668	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.73	67	134696	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	339602	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.22	79	44599	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.70	63	170933	37.10	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102322	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	80948	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

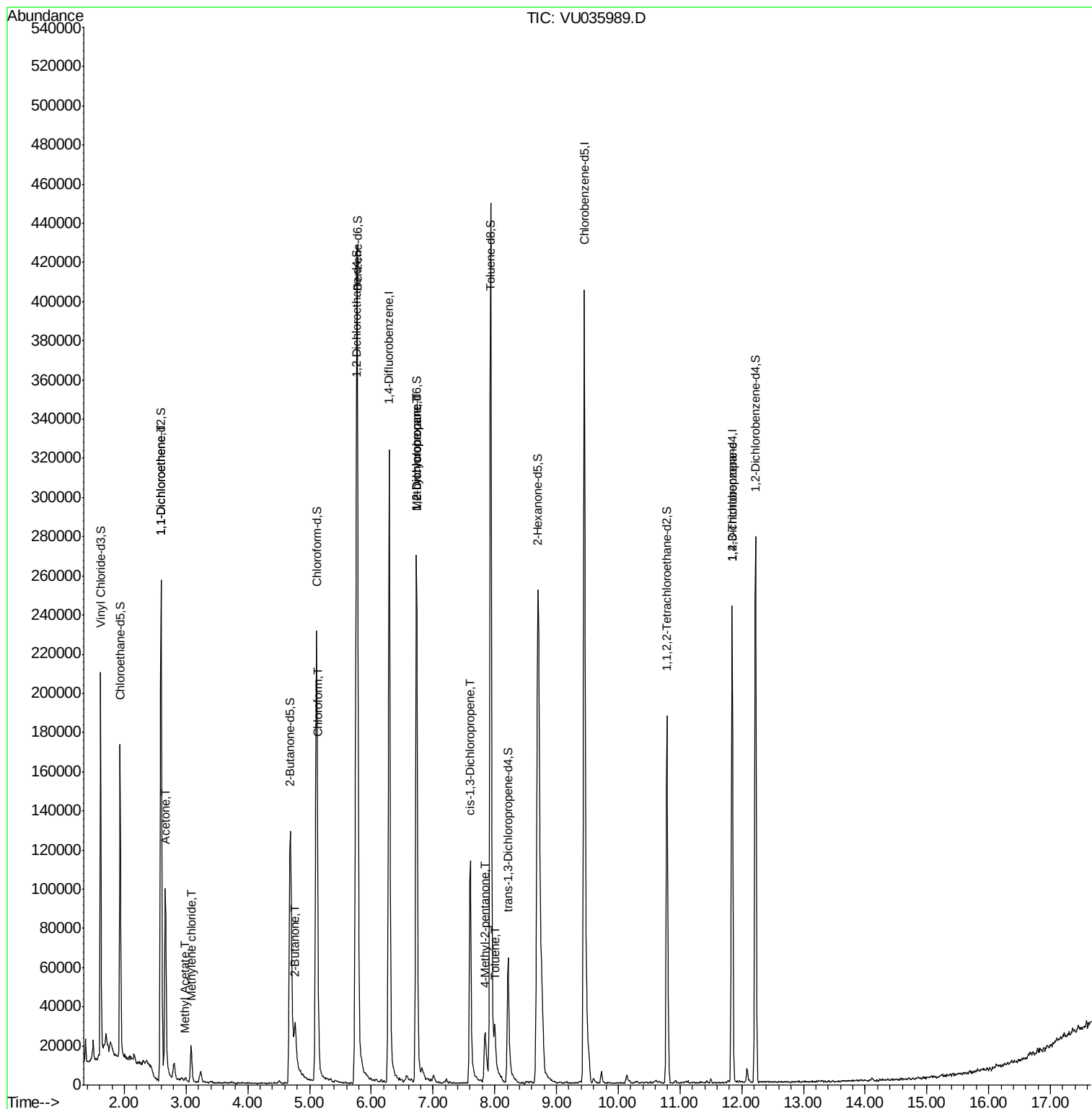
					Qvalue	
12) 1,1-Dichloroethene	2.59	96	1267	0.064	ug/L #	1
13) Acetone	2.66	43	114058	22.745	ug/L	97
15) Methyl Acetate	2.98	43	3044	0.339	ug/L #	73
16) Methylene chloride	3.08	84	8635	0.283	ug/L	92
21) 2-Butanone	4.77	43	31370	4.873	ug/L	95
25) Chloroform	5.14	83	15721	0.382	ug/L	98
35) Methylcyclohexane	6.73	83	29479	0.818	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	14659	0.569	ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	3093	0.091	ug/L #	62
40) 4-Methyl-2-pentanone	7.84	43	26342	1.741	ug/L #	87
42) Toluene	8.01	91	13235	0.133	ug/L	98
59) 1,2,3-Trichloropropane	11.85	75	7801	0.466	ug/L #	87

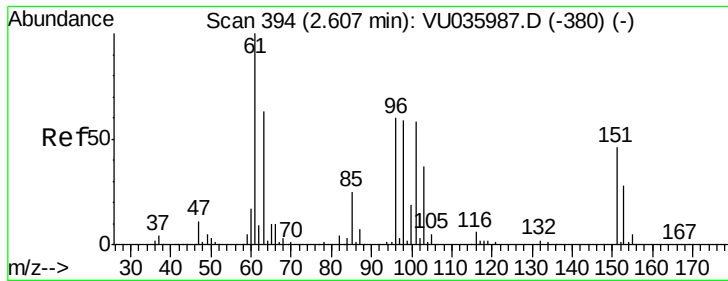
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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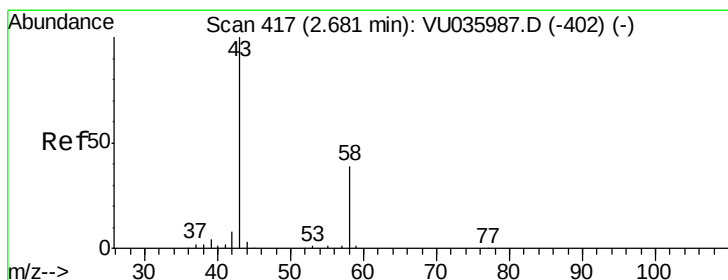
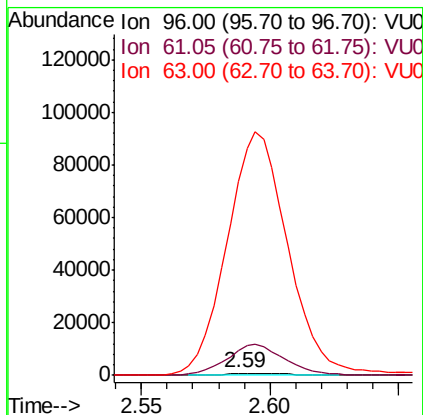
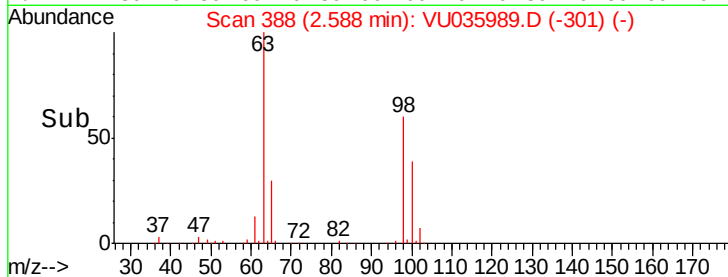
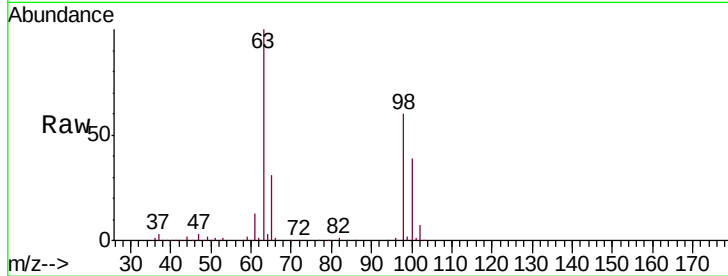




#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU035989.D
 Acq: 05 Dec 2019 13:08

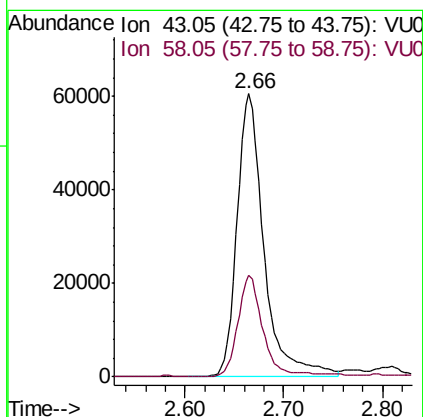
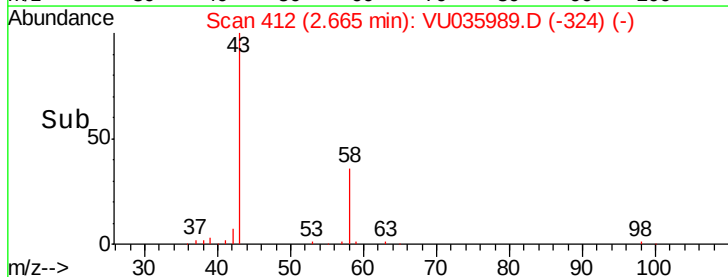
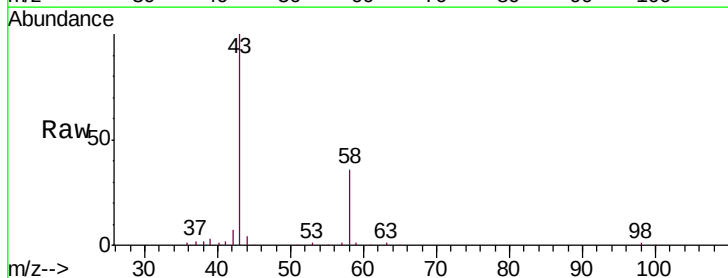
Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX6RE

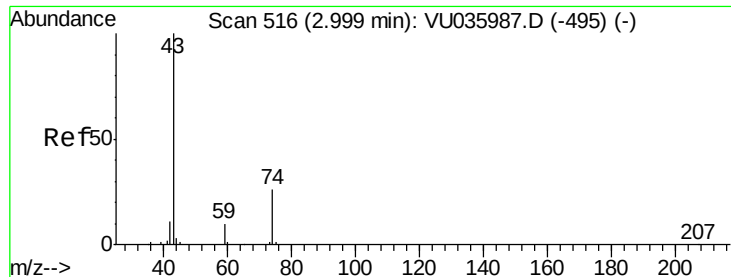
Tgt Ion: 96 Resp: 1267
 Ion Ratio Lower Upper
 96 100
 61 1317.2 127.1 236.1#
 63 10201.1 86.0 159.8#



#13
 Acetone
 Concen: 22.745 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. -0.02 min
 Lab File: VU035989.D
 Acq: 05 Dec 2019 13:08

Tgt Ion: 43 Resp: 114058
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 68.6

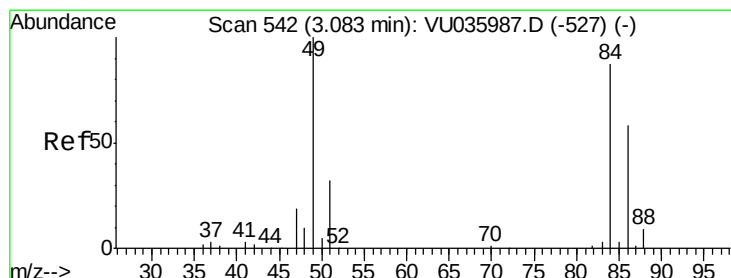
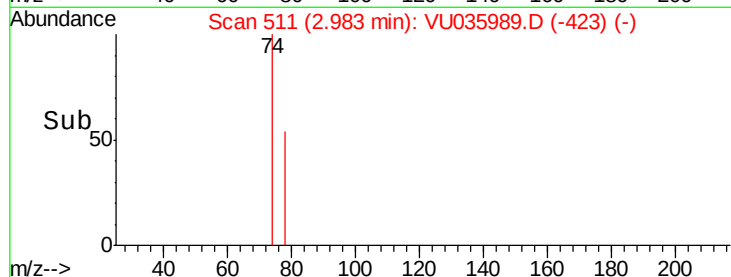
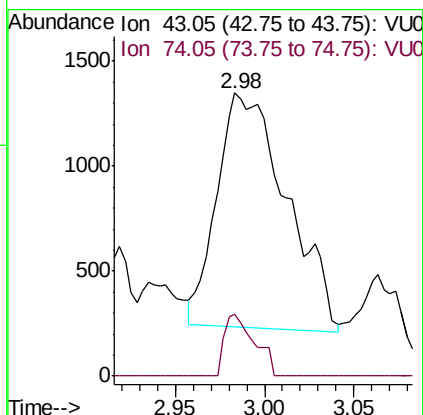
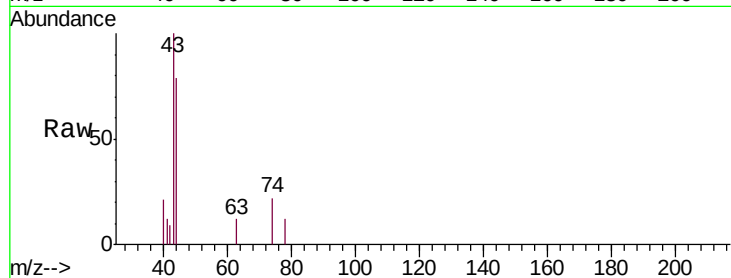




#15
Methyl Acetate
Concen: 0.339 ug/L
RT: 2.98 min Scan# 511
Delta R.T. -0.02 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

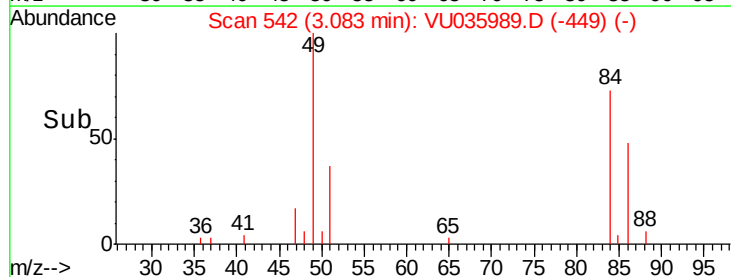
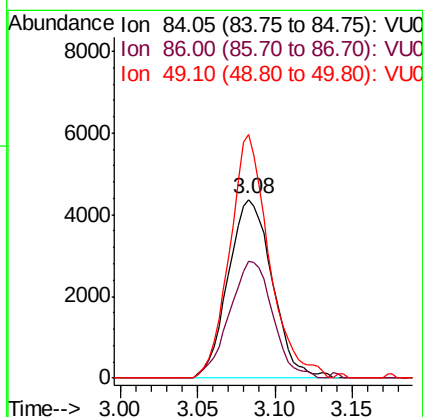
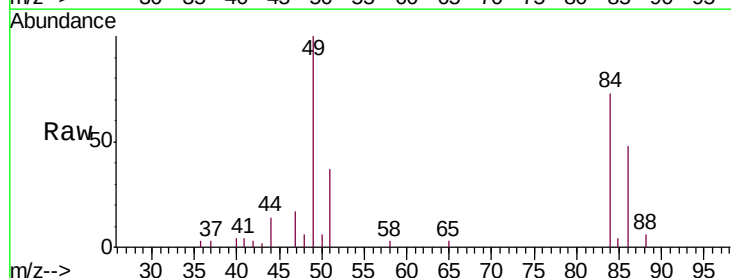
Instrument :
MSVOA_U
ClientSampleId :
BFQX6RE

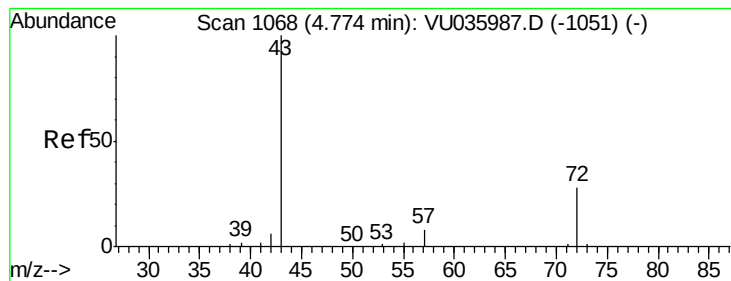
Tgt Ion: 43 Resp: 3044
Ion Ratio Lower Upper
43 100
74 11.4 20.0 30.0#



#16
Methylene chloride
Concen: 0.283 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

Tgt Ion: 84 Resp: 8635
Ion Ratio Lower Upper
84 100
86 65.6 44.7 82.9
49 136.3 86.2 160.2





#21

2-Butanone

Concen: 4.873 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VU035989.D

Acq: 05 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

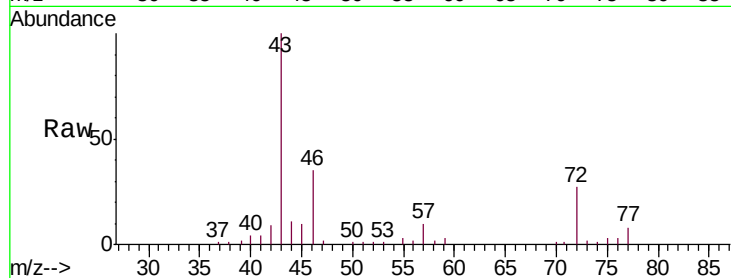
BFQX6RE

Tgt Ion: 43 Resp: 31370

Ion Ratio Lower Upper

43 100

72 27.7 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU035989.D (-1051) (-)

Ion 72.10 (71.80 to 72.80): VU035989.D (-1051) (-)

4.77

15000

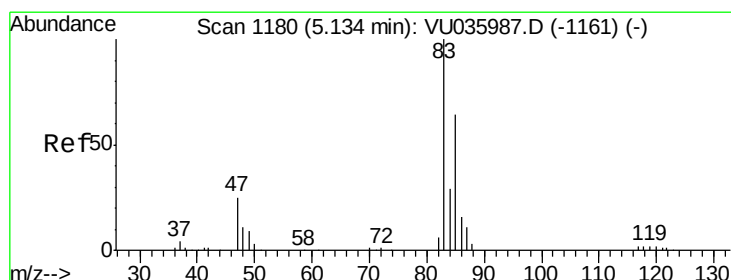
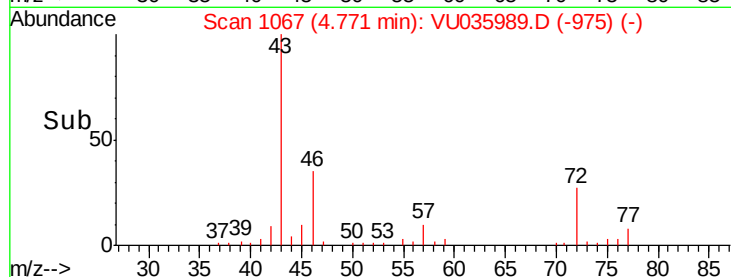
10000

5000

0

Time-->

4.70 4.75 4.80 4.85



#25

Chloroform

Concen: 0.382 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035989.D

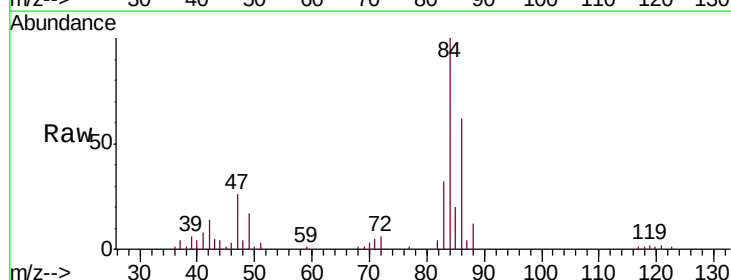
Acq: 05 Dec 2019 13:08

Tgt Ion: 83 Resp: 15721

Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035989.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU035989.D (-1161) (-)

5.14

8000

6000

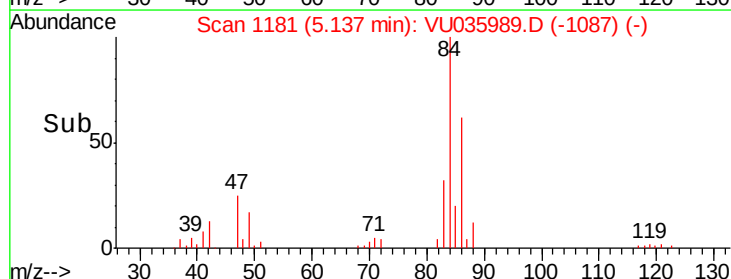
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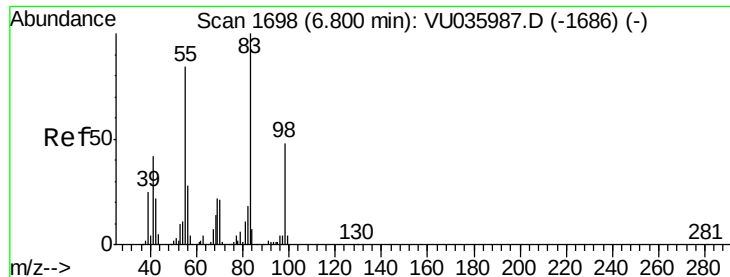
2000

0

Time-->

5.10 5.15 5.20

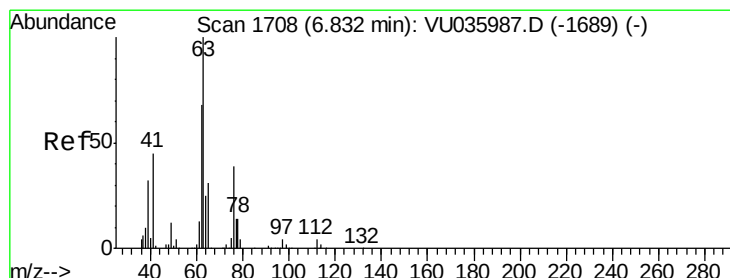
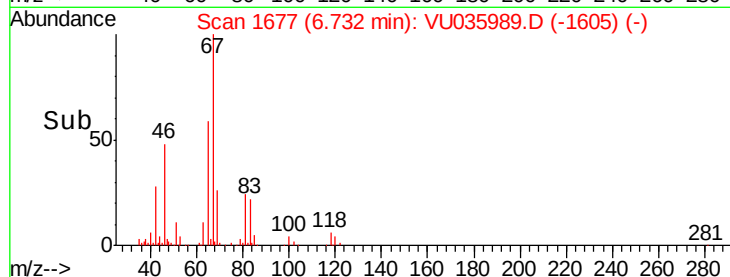
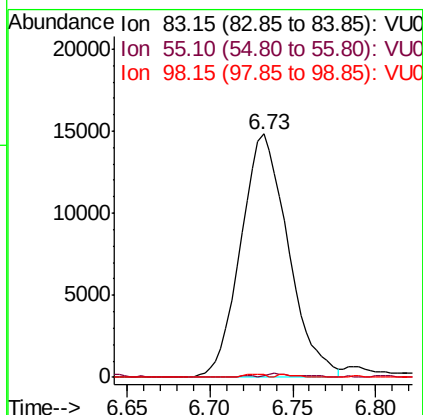
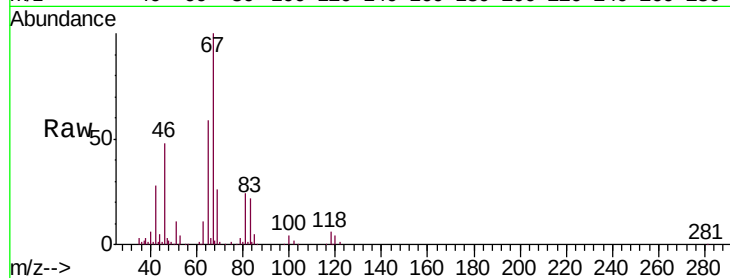




#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

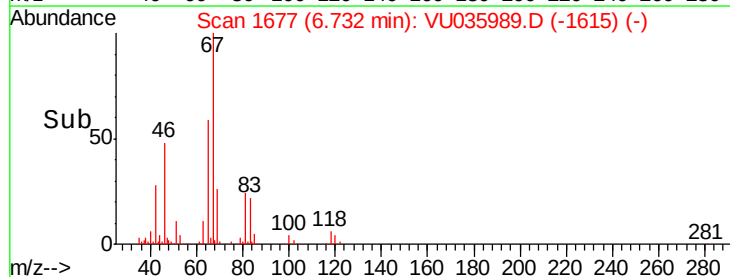
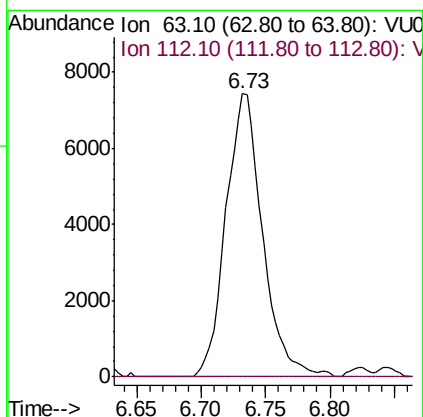
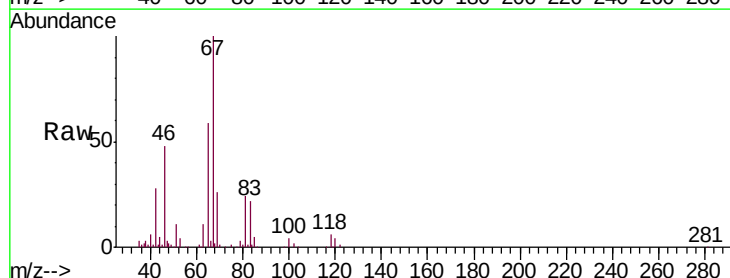
Instrument :
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ClientSampleId :
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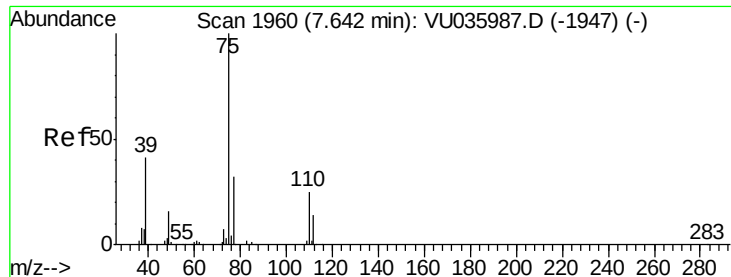
Tgt Ion: 83 Resp: 29479
Ion Ratio Lower Upper
83 100
55 0.2 67.4 101.0#
98 0.6 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

Tgt Ion: 63 Resp: 14659
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#

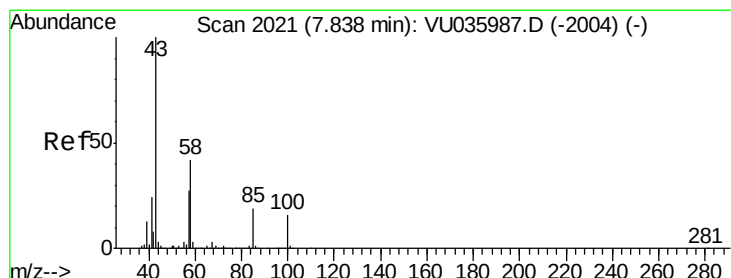
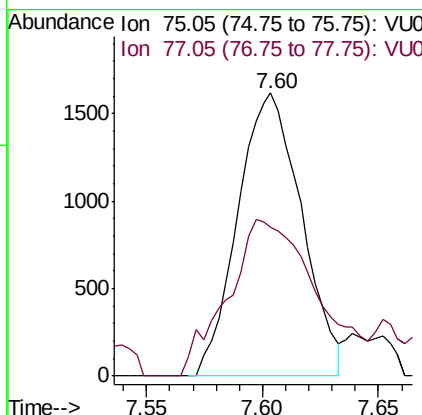
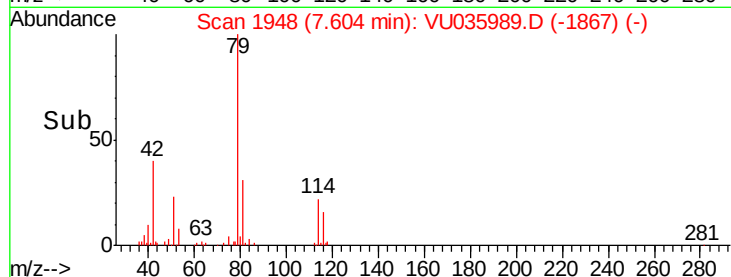
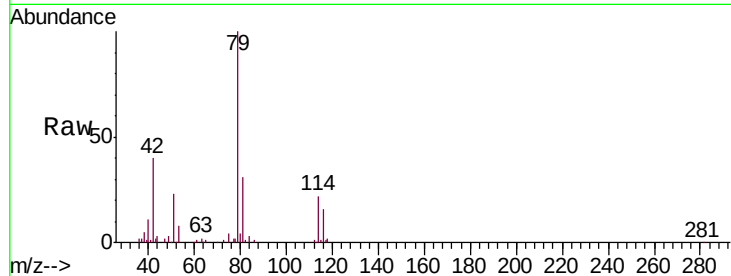




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035989.D
 Acq: 05 Dec 2019 13:08

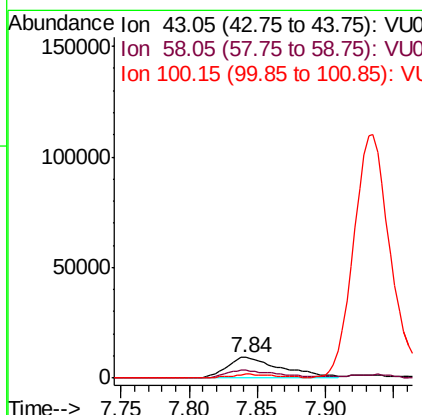
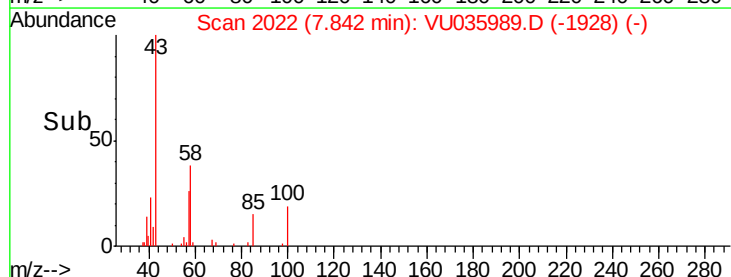
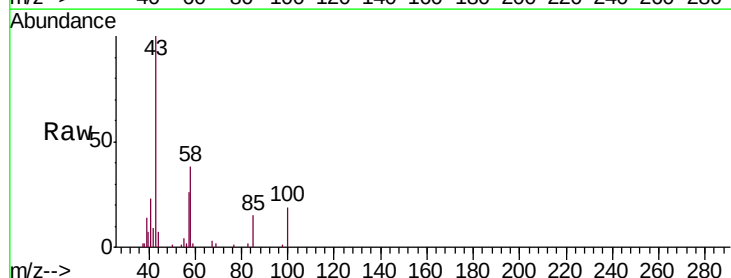
Instrument :
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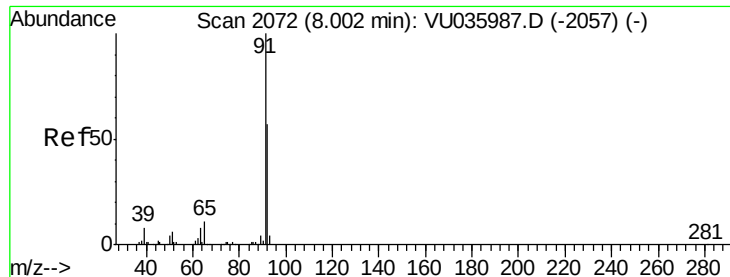
Tgt Ion: 75 Resp: 3093
 Ion Ratio Lower Upper
 75 100
 77 52.5 21.9 40.7#



#40
 4-Methyl-2-pentanone
 Concen: 1.741 ug/L
 RT: 7.84 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: VU035989.D
 Acq: 05 Dec 2019 13:08

Tgt Ion: 43 Resp: 26342
 Ion Ratio Lower Upper
 43 100
 58 37.3 32.3 48.5
 100 0.0 11.7 17.5#





#42

Toluene

Concen: 0.133 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035989.D

Acq: 05 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

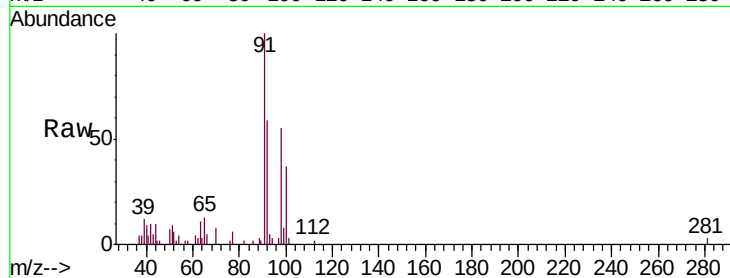
BFQX6RE

Tgt Ion: 91 Resp: 13235

Ion Ratio Lower Upper

91 100

92 58.7 39.8 74.0



Abundance Ion 91.15 (90.85 to 91.85): VU035987.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU035987.D (-2057) (-)

8.01

6000

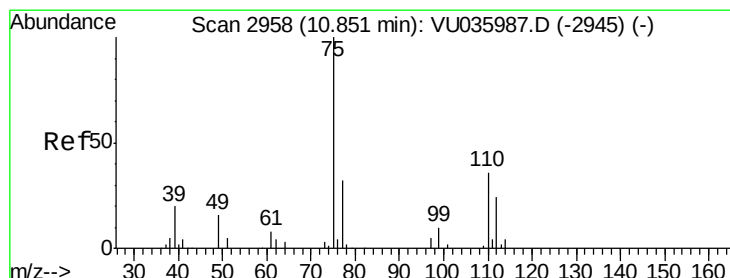
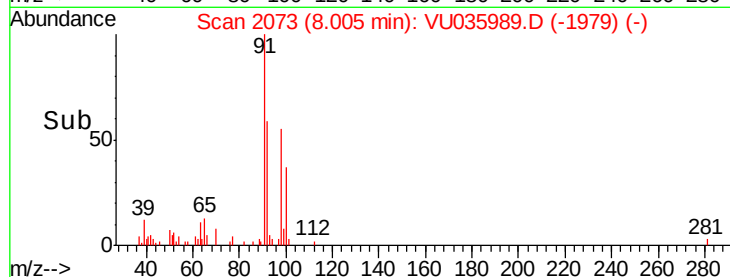
4000

2000

0

7.95 8.00 8.05

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.466 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 1.00 min

Lab File: VU035989.D

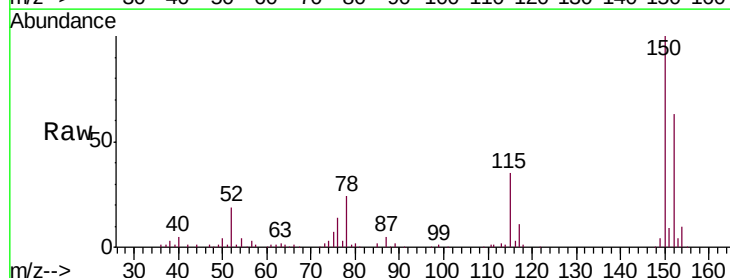
Acq: 05 Dec 2019 13:08

Tgt Ion: 75 Resp: 7801

Ion Ratio Lower Upper

75 100

77 40.3 26.6 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU035987.D (-2945) (-)

Ion 77.00 (76.70 to 77.70): VU035987.D (-2945) (-)

11.85

5000

4000

3000

2000

1000

0

11.80 11.85 11.90

Time-->

