

Data File : VU035979.D
Acq On : 04 Dec 2019 18:38
Operator : JC/SP
Sample : K6132-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQX6

Quant Time: Dec 05 04:00:00 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	285944	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	137313	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	114792	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	151293	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.69	46	207142	35.89	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.78%
24) Chloroform-d	5.11	84	192761	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.75	65	108164	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.77	84	394555	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.73	67	129340	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.93	98	326539	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	8.22	79	45737	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.70	63	177531	38.29	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.58%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105940	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	73025	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

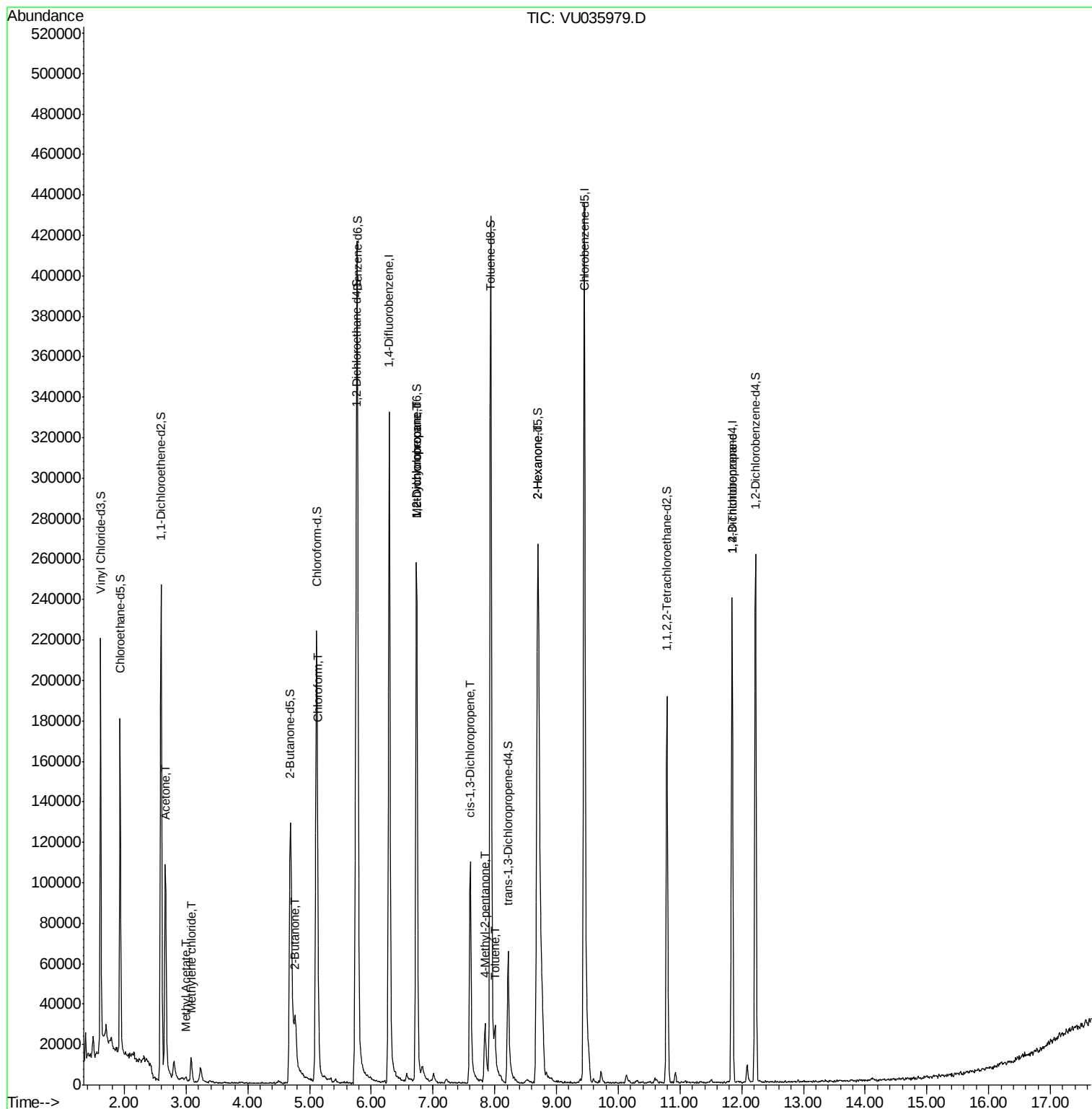
					Qvalue
13) Acetone	2.66	43	122375	23.450 ug/L	98
15) Methyl Acetate	3.00	43	2495	0.267 ug/L #	86
16) Methylene chloride	3.08	84	5713	0.180 ug/L	95
21) 2-Butanone	4.77	43	34611	5.166 ug/L	98
25) Chloroform	5.14	83	16041	0.375 ug/L	97
35) Methylcyclohexane	6.73	83	28490	0.785 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	13601	0.525 ug/L #	89
39) cis-1,3-Dichloropropene	7.61	75	3127	0.091 ug/L #	37
40) 4-Methyl-2-pentanone	7.84	43	25133	1.650 ug/L #	88
42) Toluene	8.01	91	11661	0.117 ug/L	89
48) 2-Hexanone	8.70	43	31590	2.808 ug/L #	45
59) 1,2,3-Trichloropropane	11.84	75	8349	0.496 ug/L	97

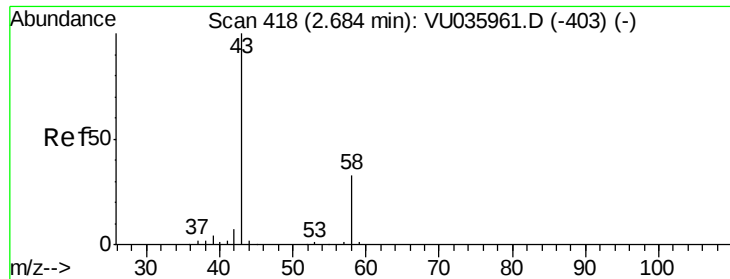
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035979.D
Acq On : 04 Dec 2019 18:38
Operator : JC/SP
Sample : K6132-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQX6

Quant Time: Dec 05 04:00:00 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





#13

Acetone

Concen: 23.450 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU035979.D

Acq: 04 Dec 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

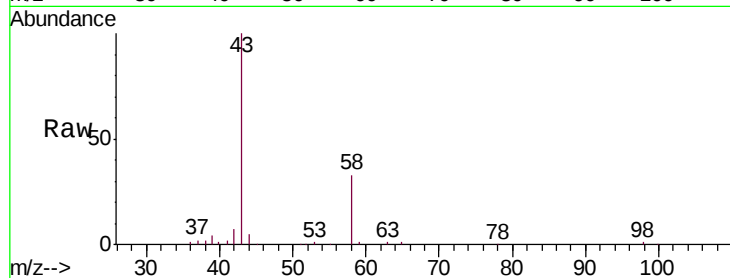
BFQX6

Tgt Ion: 43 Resp: 122375

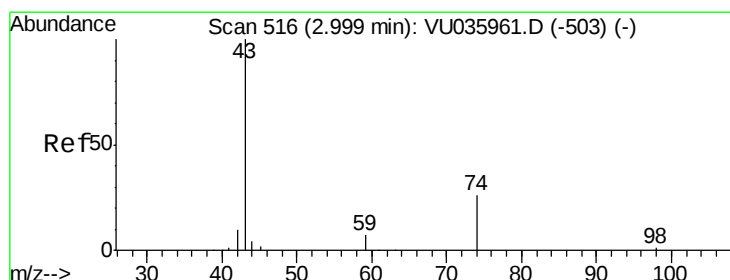
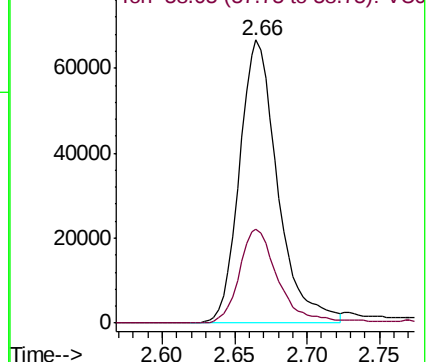
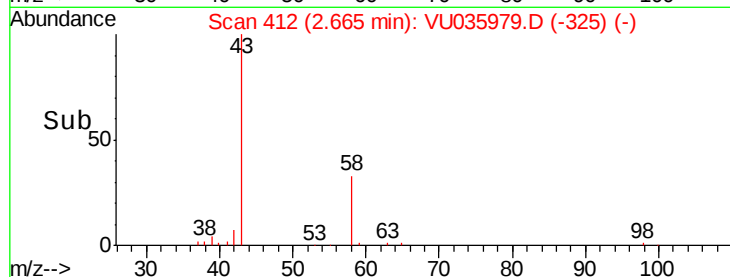
Ion Ratio Lower Upper

43 100

58 33.2 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035979.D (-325) (-)



#15

Methyl Acetate

Concen: 0.267 ug/L

RT: 3.00 min Scan# 516

Delta R.T. -0.00 min

Lab File: VU035979.D

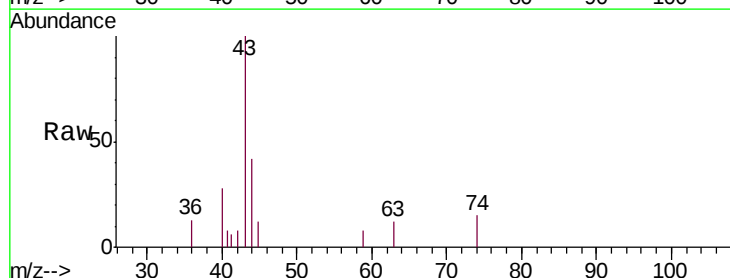
Acq: 04 Dec 2019 18:38

Tgt Ion: 43 Resp: 2495

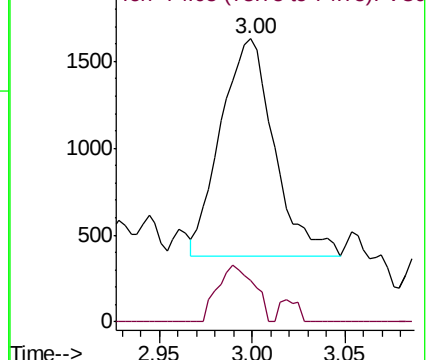
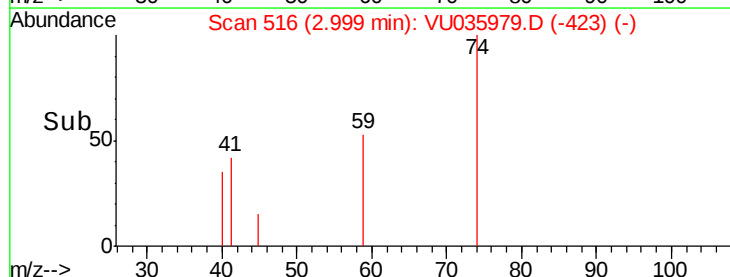
Ion Ratio Lower Upper

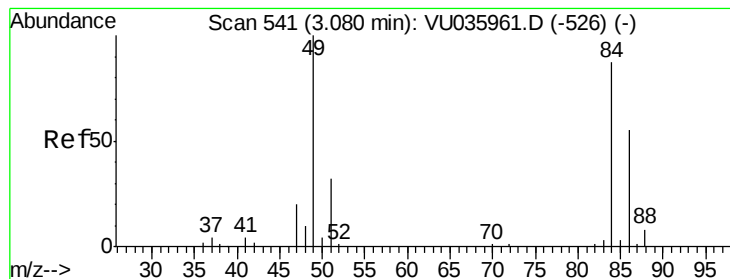
43 100

74 17.8 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VU035979.D (-423) (-)





#16

Methylene chloride

Concen: 0.180 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035979.D

Acq: 04 Dec 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

BFQX6

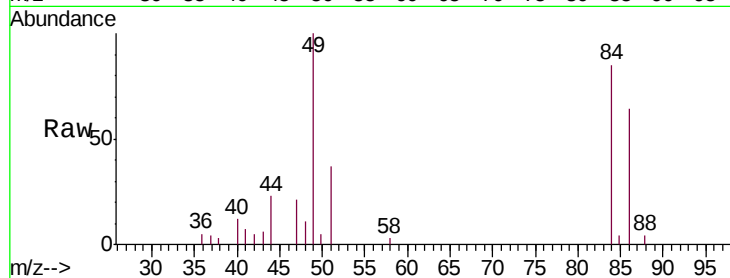
Tgt Ion: 84 Resp: 5713

Ion Ratio Lower Upper

84 100

86 74.5 44.7 82.9

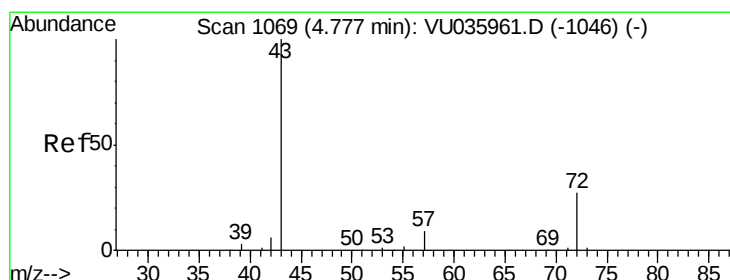
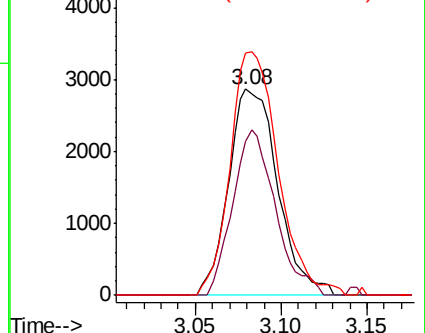
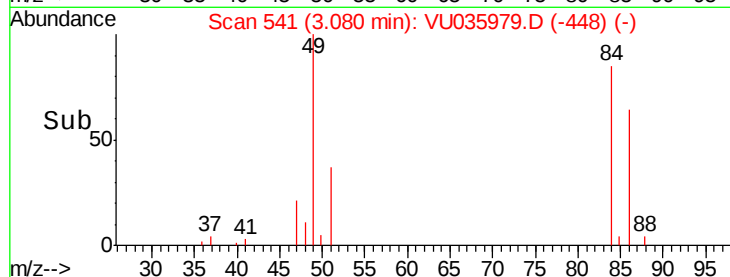
49 123.3 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU035979.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035979.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035979.D (-448) (-)



#21

2-Butanone

Concen: 5.166 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VU035979.D

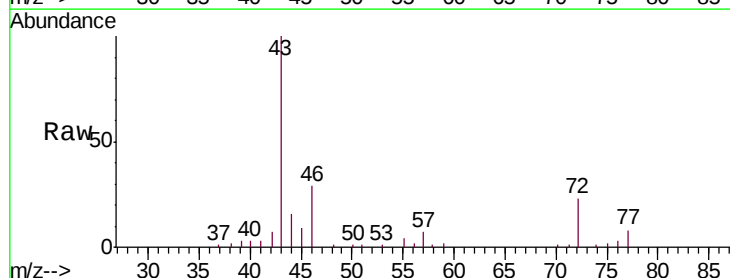
Acq: 04 Dec 2019 18:38

Tgt Ion: 43 Resp: 34611

Ion Ratio Lower Upper

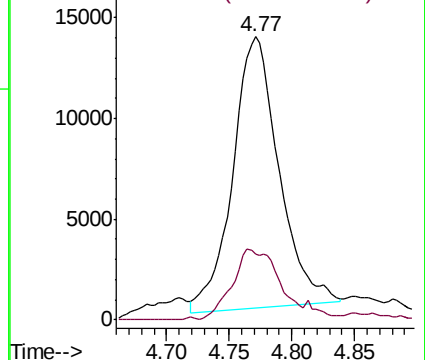
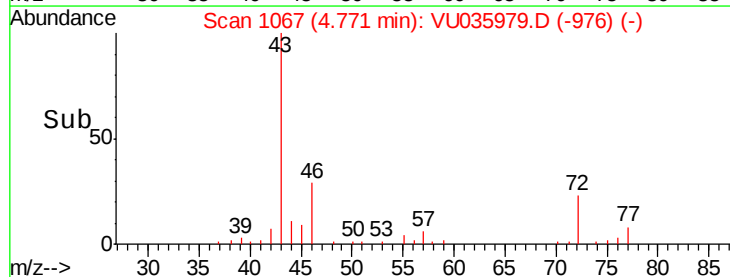
43 100

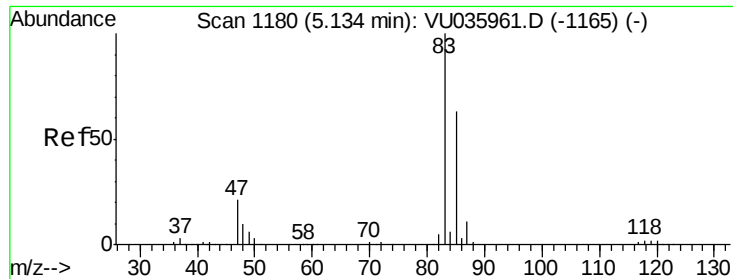
72 26.1 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU035979.D (-976) (-)

Ion 72.10 (71.80 to 72.80): VU035979.D (-976) (-)

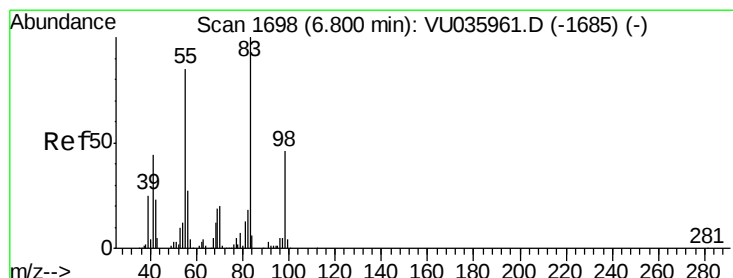
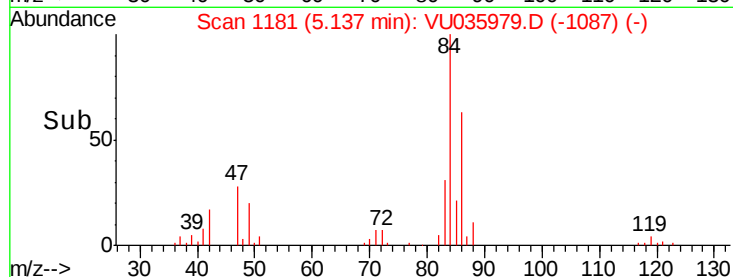
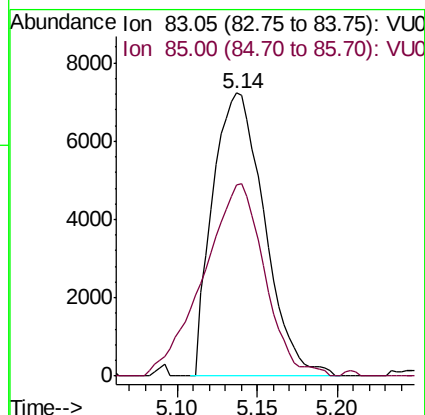
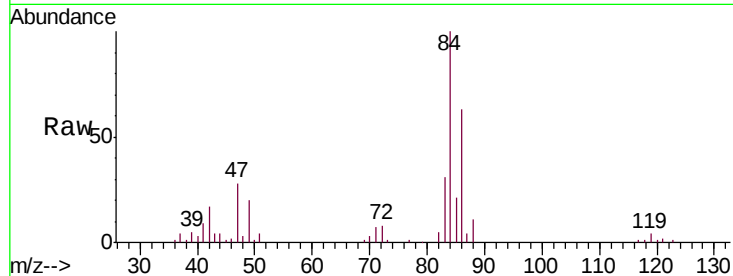




#25
Chloroform
Concen: 0.375 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035979.D
Acq: 04 Dec 2019 18:38

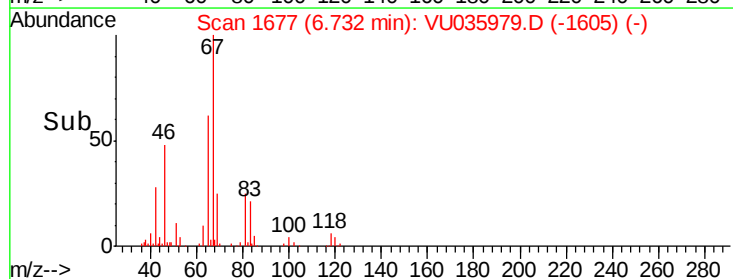
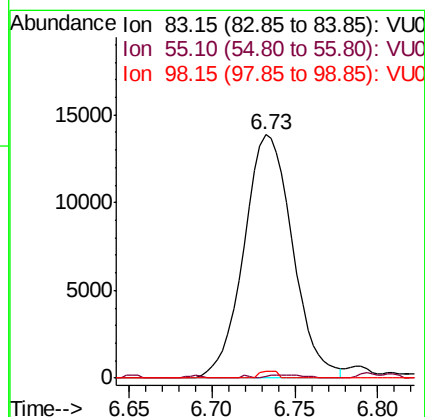
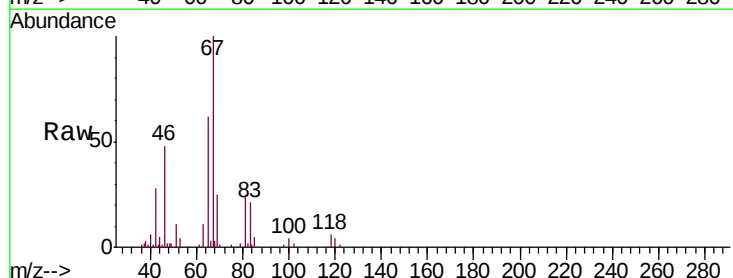
Instrument :
MSVOA_U
ClientSampleId :
BFQX6

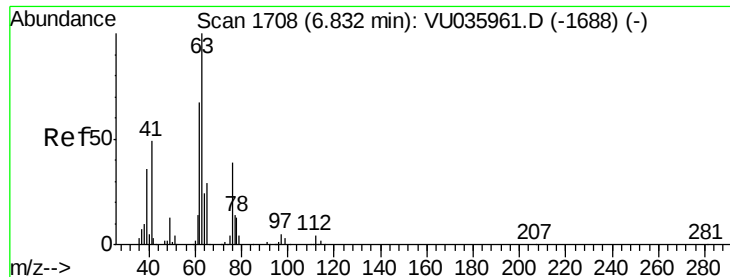
Tgt Ion: 83 Resp: 16041
Ion Ratio Lower Upper
83 100
85 67.5 45.4 84.2



#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035979.D
Acq: 04 Dec 2019 18:38

Tgt Ion: 83 Resp: 28490
Ion Ratio Lower Upper
83 100
55 1.0 67.4 101.0#
98 1.0 34.6 52.0#





#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035979.D

Acq: 04 Dec 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

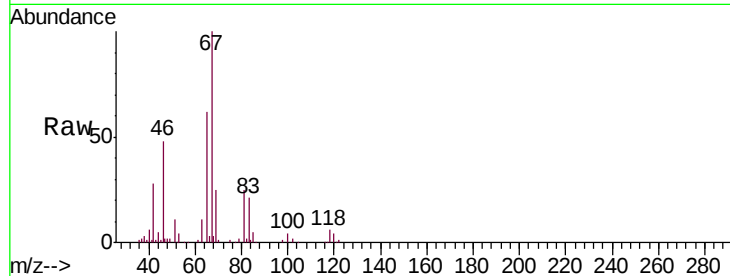
BFQX6

Tgt Ion: 63 Resp: 13601

Ion Ratio Lower Upper

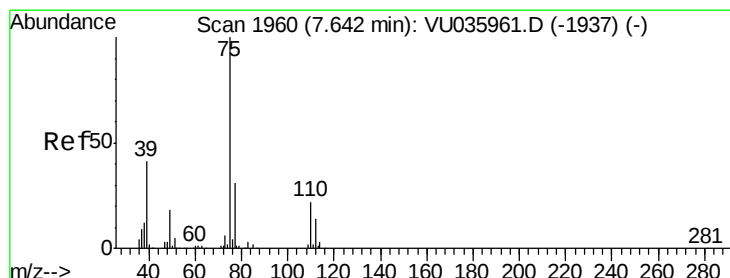
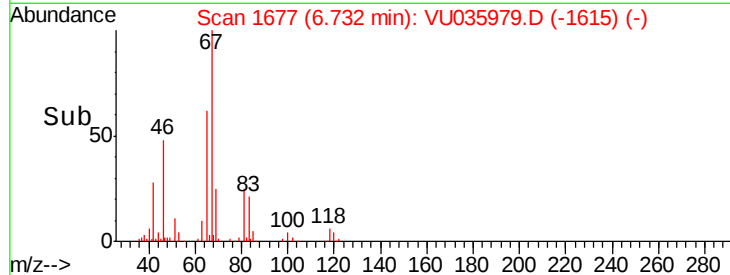
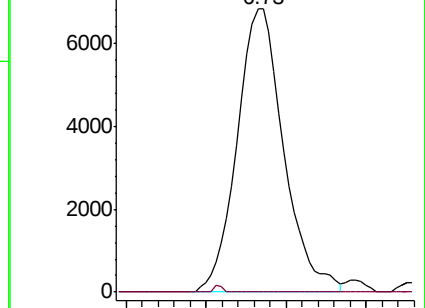
63 100

112 0.4 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU035979.D (-1677) (-)

Ion 112.10 (111.80 to 112.80): VU035979.D (-1677) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035979.D

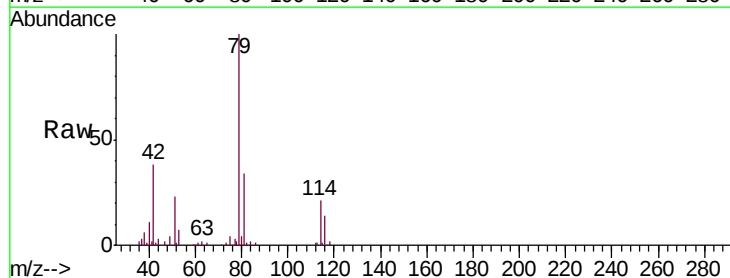
Acq: 04 Dec 2019 18:38

Tgt Ion: 75 Resp: 3127

Ion Ratio Lower Upper

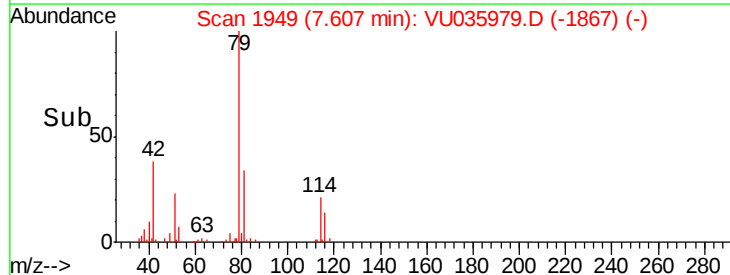
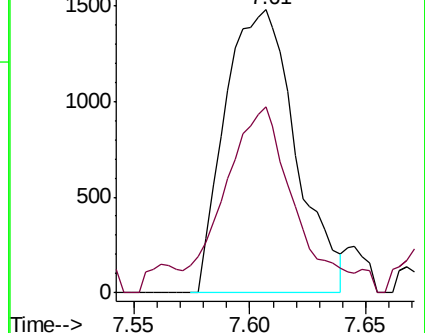
75 100

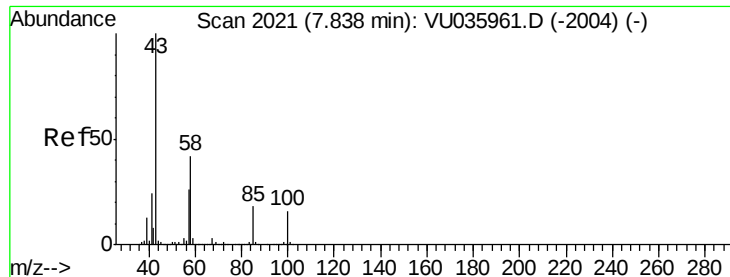
77 65.9 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU035979.D (-1867) (-)

Ion 77.05 (76.75 to 77.75): VU035979.D (-1867) (-)

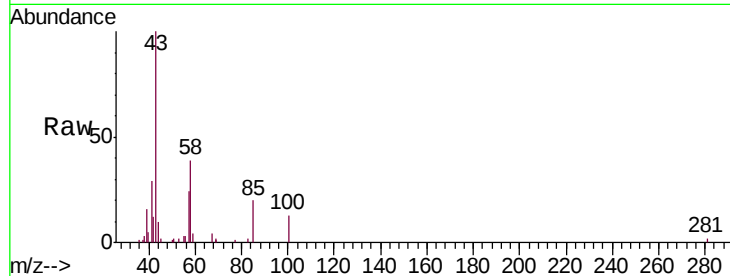




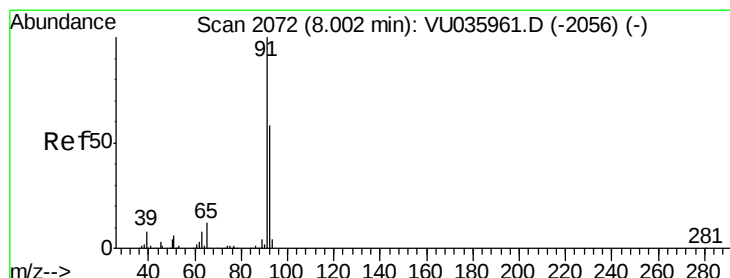
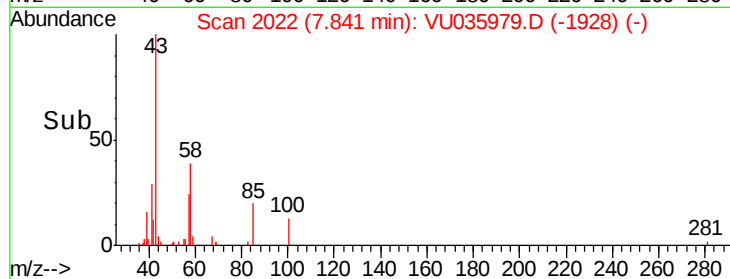
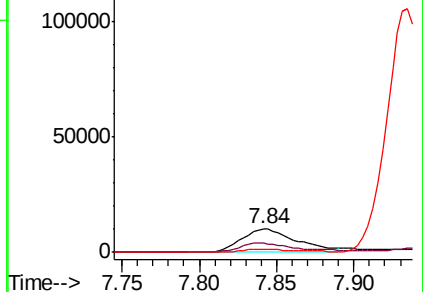
#40
4-Methyl-2-pentanone
Concen: 1.650 ug/L
RT: 7.84 min Scan# 2022
Delta R.T. 0.00 min
Lab File: VU035979.D
Acq: 04 Dec 2019 18:38

Instrument :
MSVOA_U
ClientSampleId :
BFQX6

Tgt Ion: 43 Resp: 25133
Ion Ratio Lower Upper
43 100
58 42.5 32.3 48.5
100 0.0 11.7 17.5#

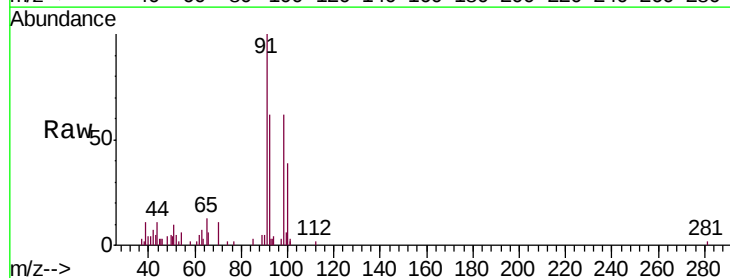


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0

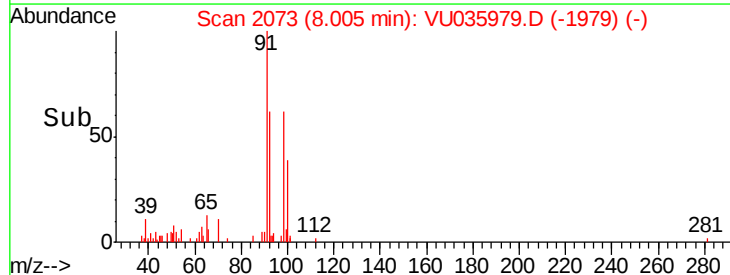
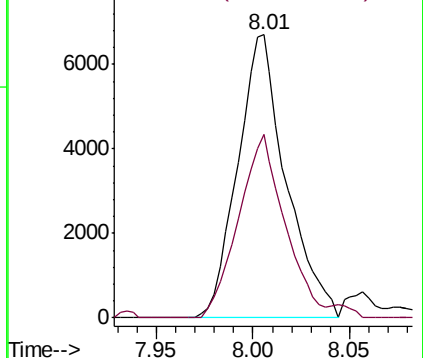


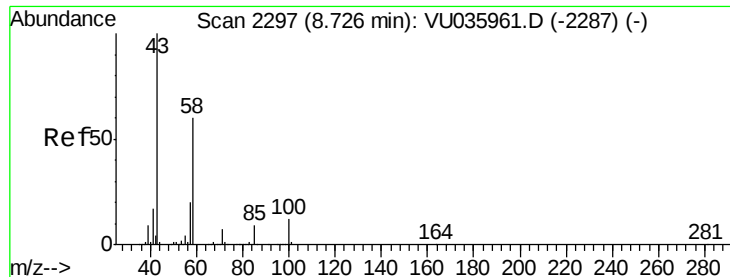
#42
Toluene
Concen: 0.117 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035979.D
Acq: 04 Dec 2019 18:38

Tgt Ion: 91 Resp: 11661
Ion Ratio Lower Upper
91 100
92 64.8 39.8 74.0



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0

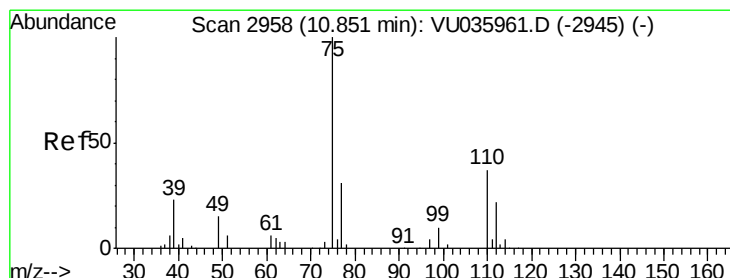
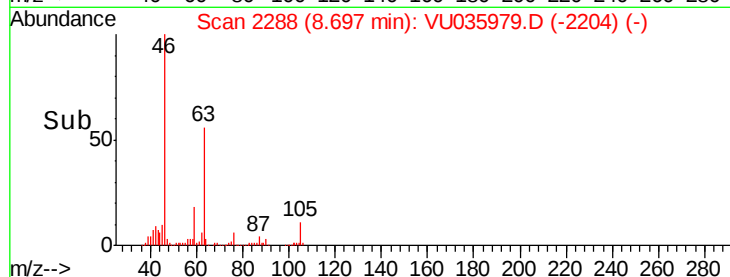
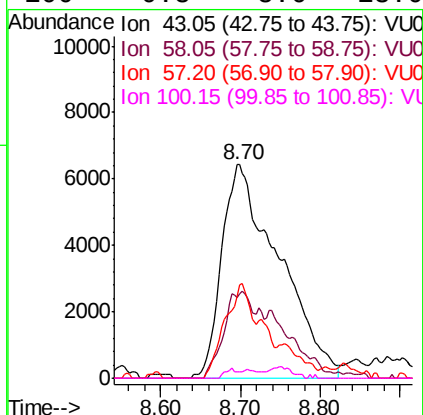
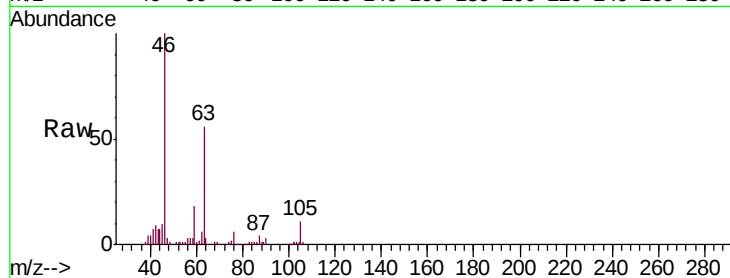




#48
 2-Hexanone
 Concen: 2.808 ug/L
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.03 min
 Lab File: VU035979.D
 Acq: 04 Dec 2019 18:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX6

Tgt Ion:	43	Resp:	31590
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.4	68.2#
57	20.6	14.9	22.3
100	0.8	8.6	13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.496 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035979.D
 Acq: 04 Dec 2019 18:38

Tgt Ion:	75	Resp:	8349
Ion	Ratio	Lower	Upper
75	100		
77	34.7	26.6	39.8

