

Data File : VU036174.D
Acq On : 13 Dec 2019 01:38
Operator : JC/MD
Sample : K6273-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDR4

Quant Time: Dec 13 02:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	264147	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	295153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100782	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	123827	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	120621	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.59	63	137810	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.68	46	209917	48.81	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.62%
24) Chloroform-d	5.11	84	159570	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.75	65	105494	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.77	84	378582	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	122125	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.93	98	303177	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.21	79	44239	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.68	63	165165	43.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111912	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	106934	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

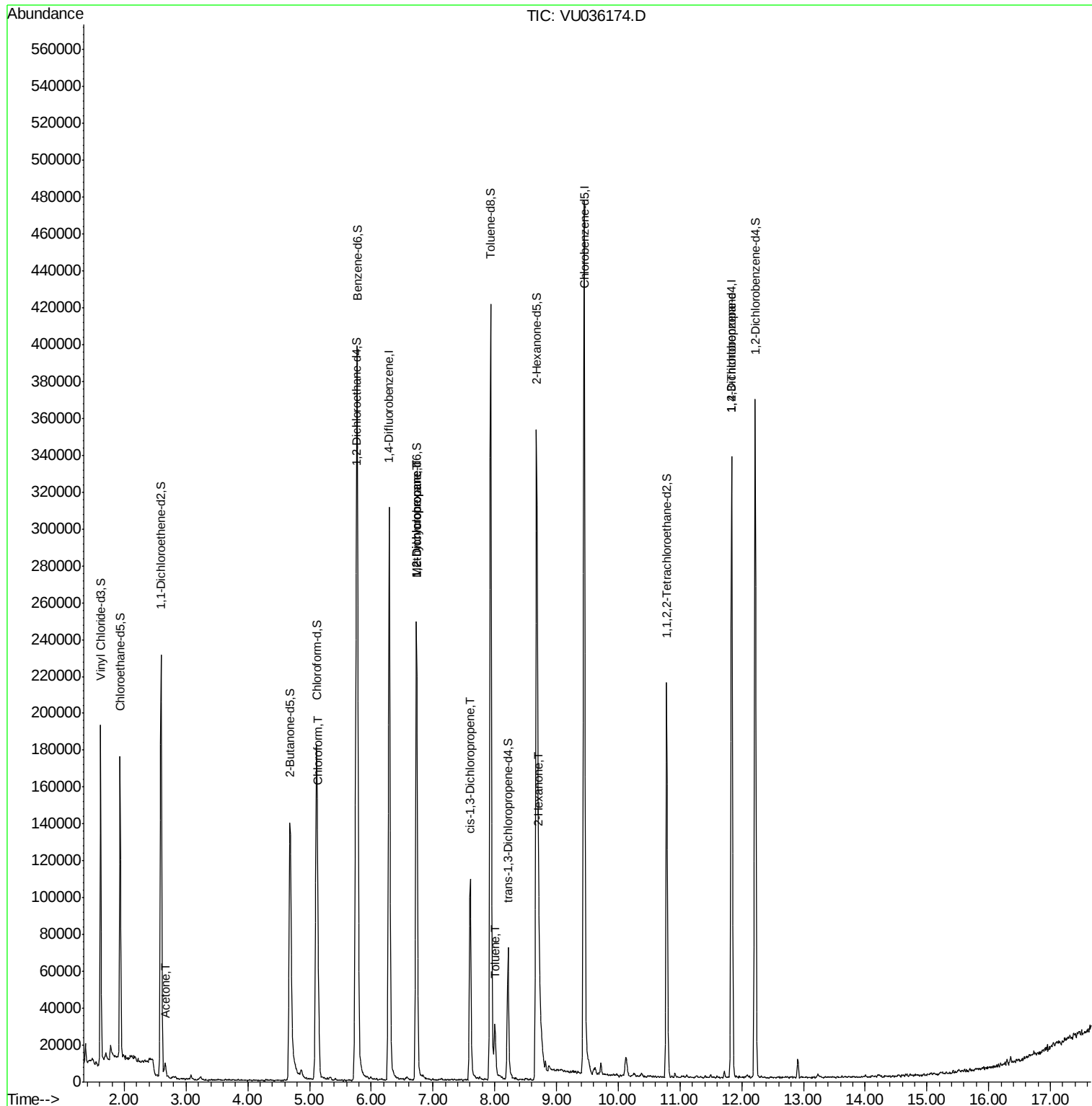
					Qvalue
13) Acetone	2.66	43	7257	1.940 ug/L	95
25) Chloroform	5.14	83	41108	1.024 ug/L	92
35) Methylcyclohexane	6.73	83	29015	0.877 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13487	0.576 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2709	0.088 ug/L #	21
42) Toluene	8.00	91	19617	0.204 ug/L	97
48) 2-Hexanone	8.72	43	11282	1.301 ug/L #	61
59) 1,2,3-Trichloropropane	11.83	75	11320	0.733 ug/L	97

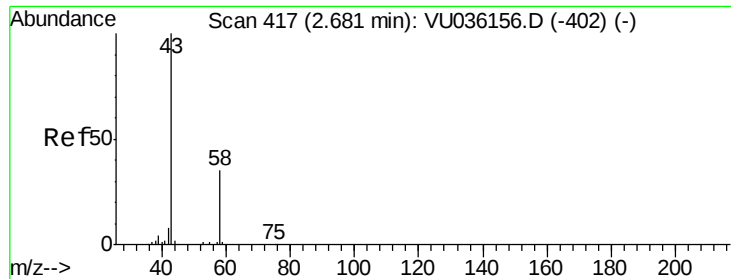
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.940 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036174.D

Acq: 13 Dec 2019 01:38

Instrument :

MSVOA_U

ClientSampleId :

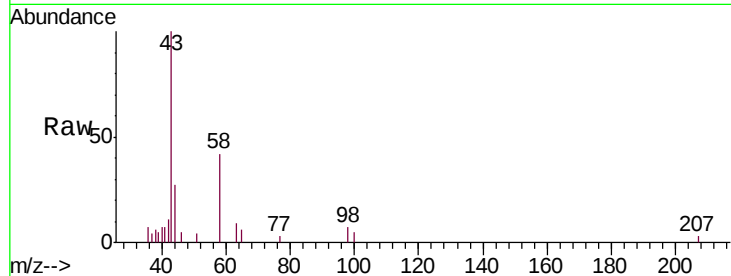
BFDR4

Tgt Ion: 43 Resp: 7257

Ion Ratio Lower Upper

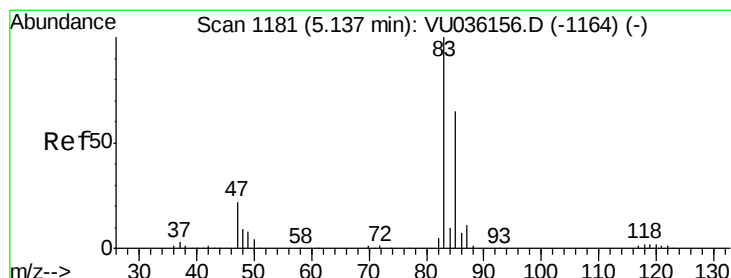
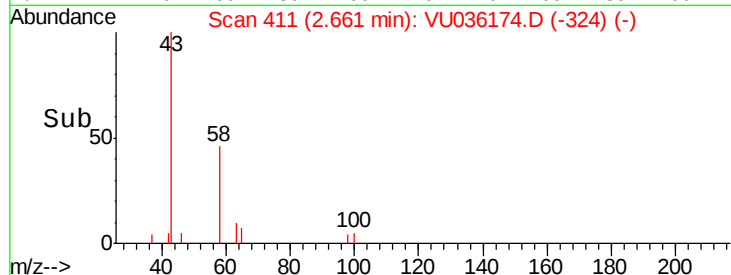
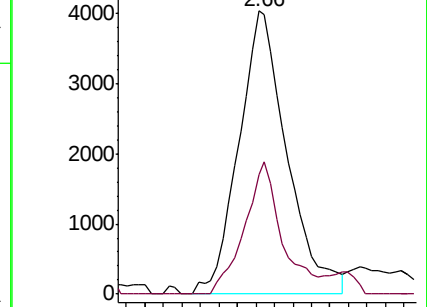
43 100

58 37.8 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036174.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036174.D (-324) (-)



#25

Chloroform

Concen: 1.024 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU036174.D

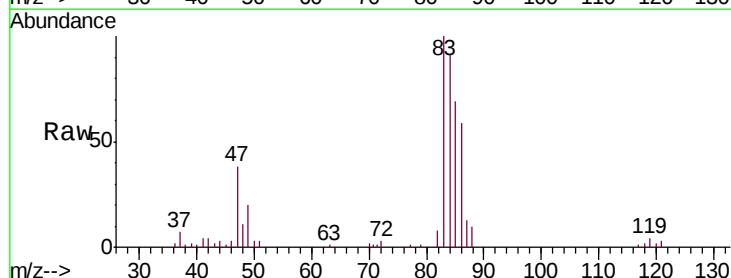
Acq: 13 Dec 2019 01:38

Tgt Ion: 83 Resp: 41108

Ion Ratio Lower Upper

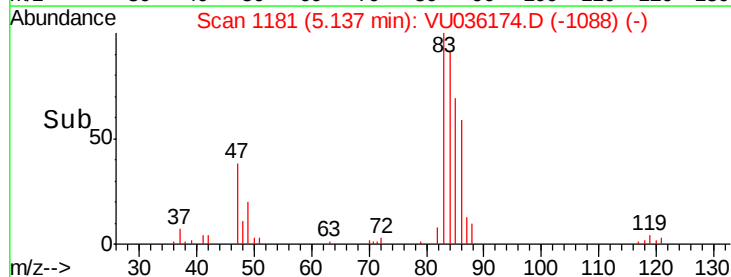
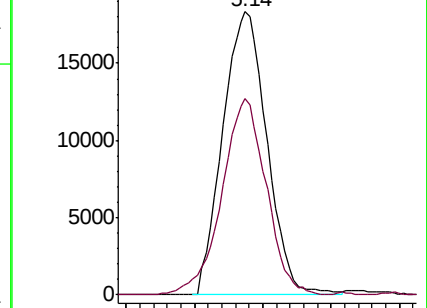
83 100

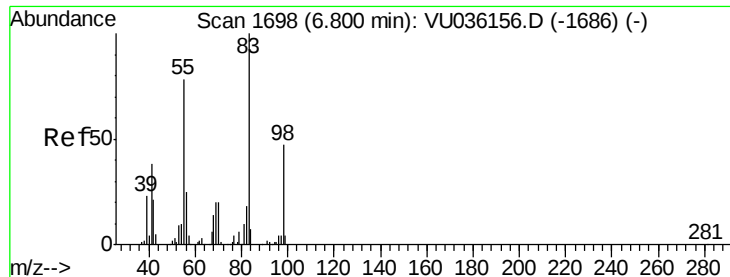
85 69.3 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU036174.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU036174.D (-1088) (-)

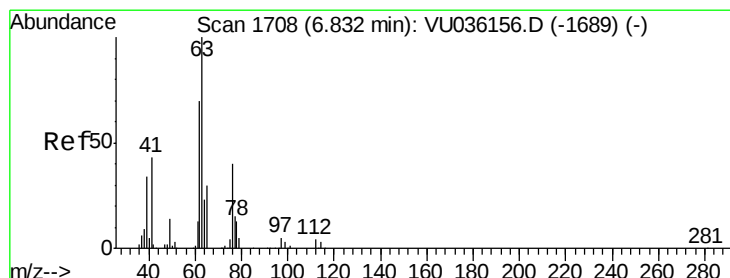
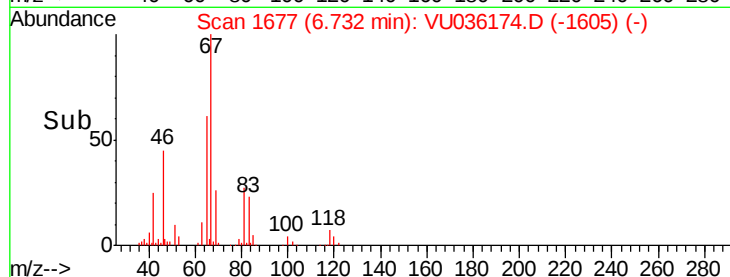
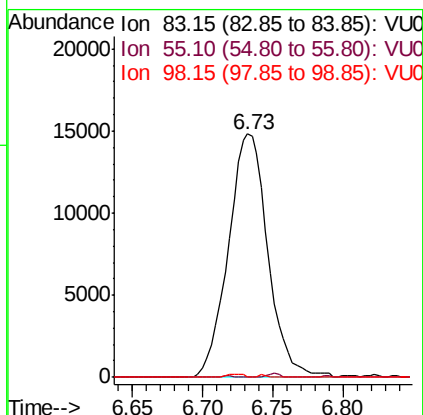
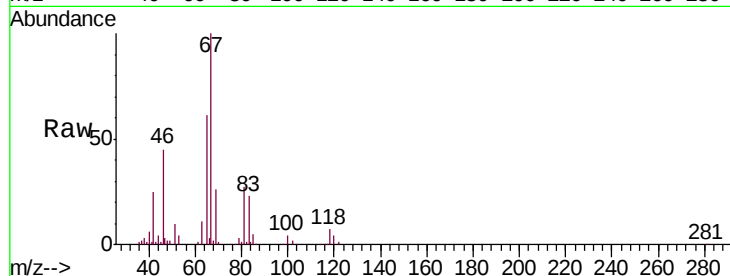




#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036174.D
Acq: 13 Dec 2019 01:38

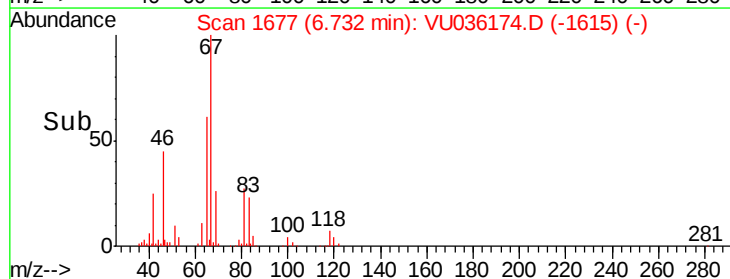
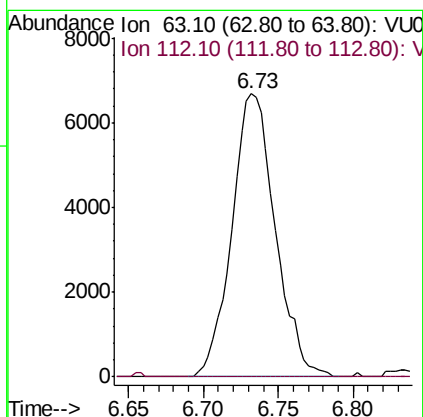
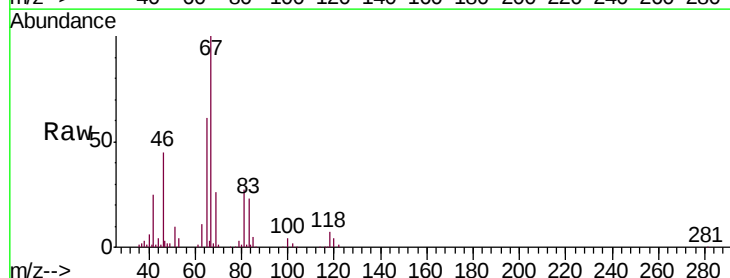
Instrument :
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ClientSampleId :
BFDR4

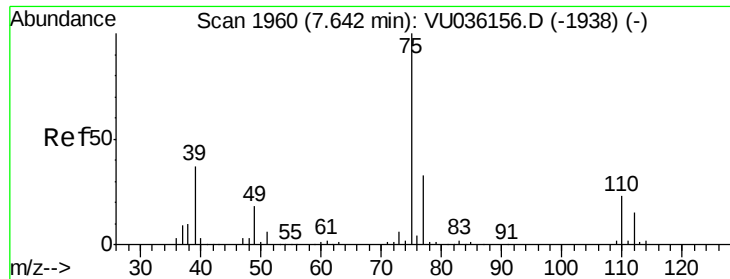
Tgt Ion: 83 Resp: 29015
Ion Ratio Lower Upper
83 100
55 0.5 61.9 92.9#
98 0.2 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036174.D
Acq: 13 Dec 2019 01:38

Tgt Ion: 63 Resp: 13487
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#

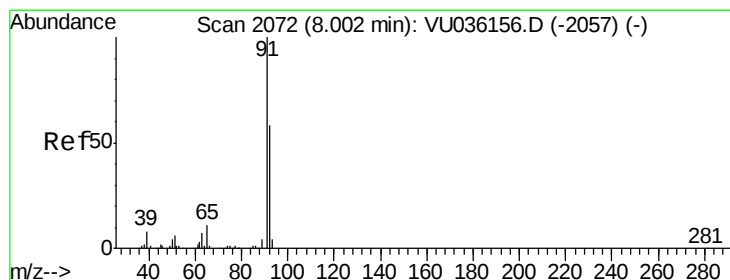
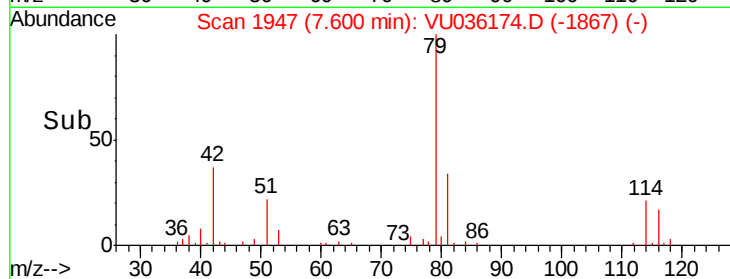
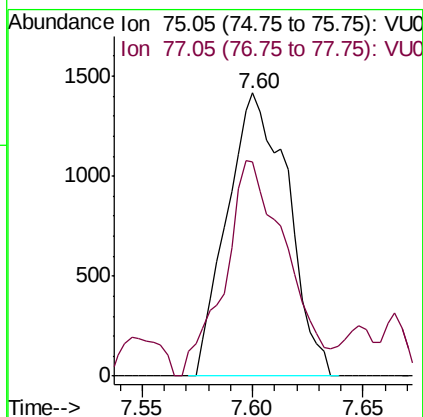
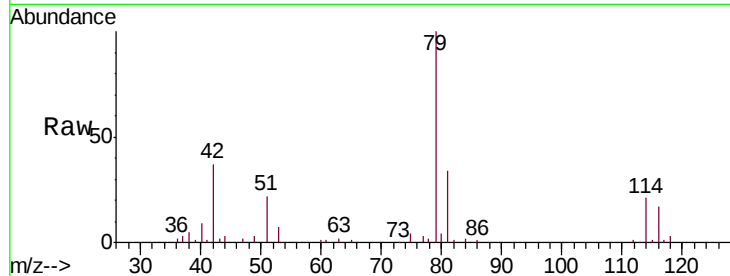




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036174.D
 Acq: 13 Dec 2019 01:38

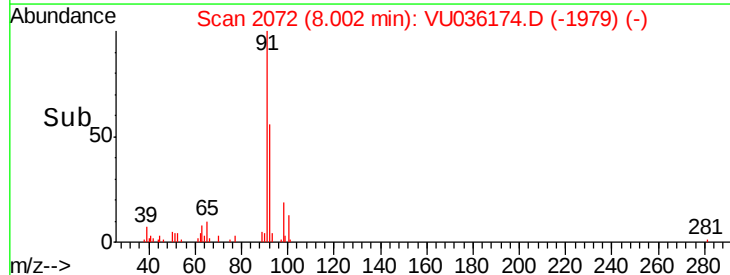
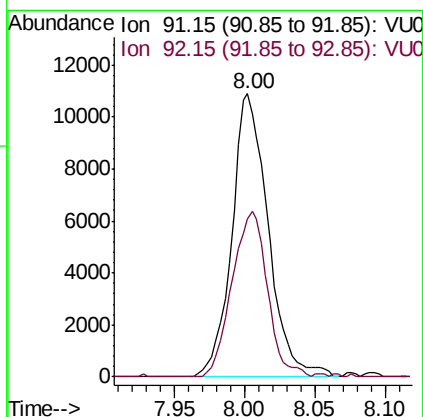
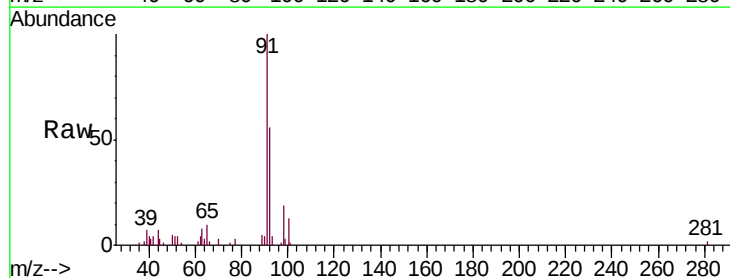
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 MSVOA_U
 ClientSampleId :
 BFDR4

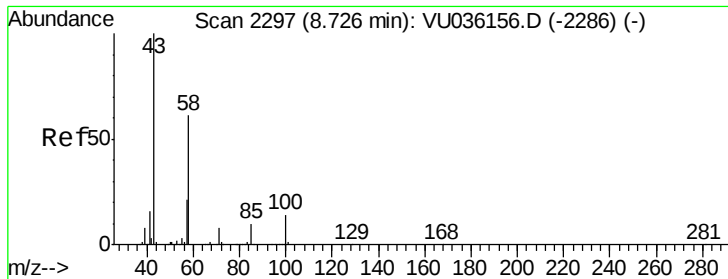
Tgt Ion: 75 Resp: 2709
 Ion Ratio Lower Upper
 75 100
 77 75.6 22.3 41.5#



#42
 Toluene
 Concen: 0.204 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU036174.D
 Acq: 13 Dec 2019 01:38

Tgt Ion: 91 Resp: 19617
 Ion Ratio Lower Upper
 91 100
 92 55.6 40.7 75.7

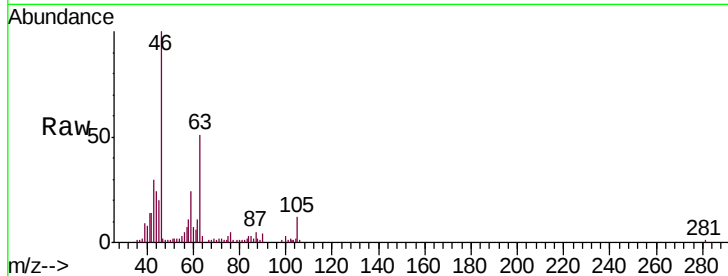




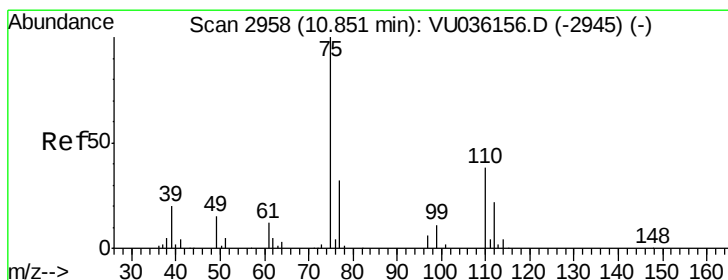
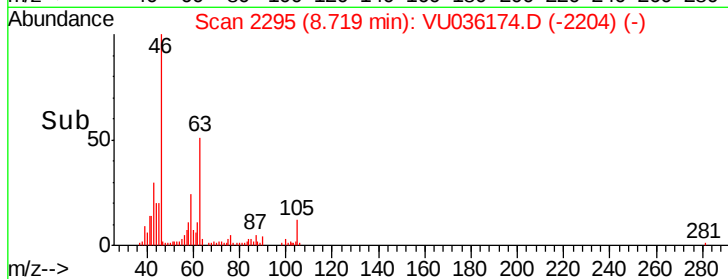
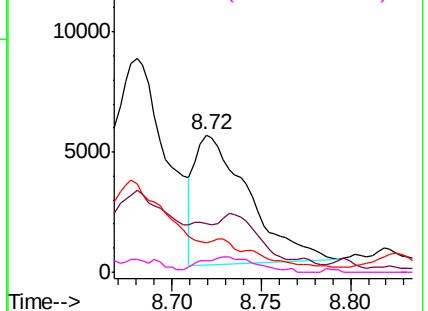
#48
2-Hexanone
Concen: 1.301 ug/L
RT: 8.72 min Scan# 2295
Delta R.T. -0.01 min
Lab File: VU036174.D
Acq: 13 Dec 2019 01:38

Instrument :
MSVOA_U
ClientSampleId :
BFDR4

Tgt Ion: 43 Resp: 11282
Ion Ratio Lower Upper
43 100
58 26.7 48.6 72.8#
57 0.0 16.7 25.1#
100 12.3 10.6 15.8

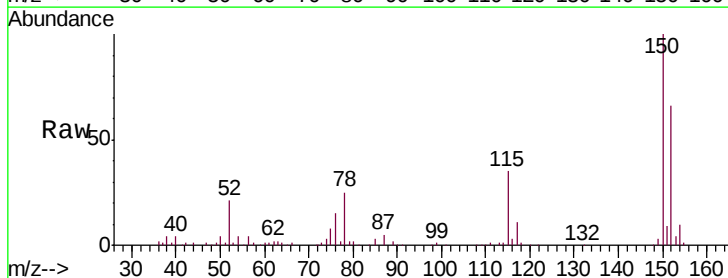


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.733 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036174.D
Acq: 13 Dec 2019 01:38

Tgt Ion: 75 Resp: 11320
Ion Ratio Lower Upper
75 100
77 35.0 26.6 39.8



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

