

Data File : VU035996.D
Acq On : 05 Dec 2019 15:57
Operator : JC/SP
Sample : K6105-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE31

Quant Time: Dec 06 01:01:18 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	261299	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	119774	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.93	69	105422	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.60	63	133845	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.69	46	195467	37.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.12%
24) Chloroform-d	5.11	84	170474	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.75	65	103245	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	366611	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.74	67	119018	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.93	98	298122	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.22	79	45395	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.70	63	160697	36.74	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98323	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	70250	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

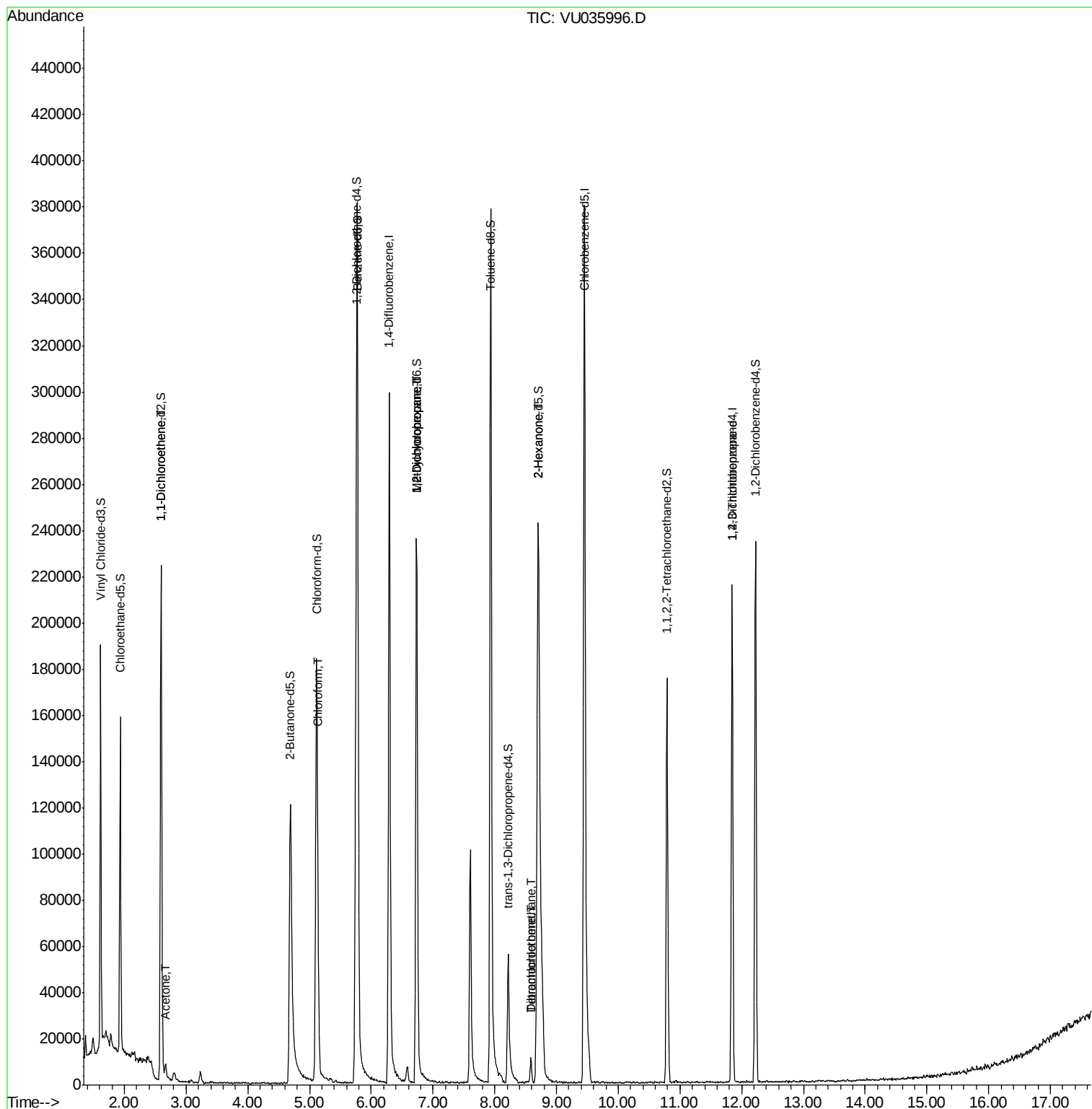
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1506	0.080 ug/L #	1
13) Acetone	2.67	43	6066	1.272 ug/L	93
25) Chloroform	5.14	83	27956	0.715 ug/L	96
35) Methylcyclohexane	6.73	83	28137	0.822 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	12623	0.516 ug/L #	89
47) Tetrachloroethene	8.58	164	2593	0.140 ug/L	81
48) 2-Hexanone	8.71	43	25479	2.400 ug/L #	62
49) Dibromochloromethane	8.58	129	2271	0.112 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	7907	0.498 ug/L	99

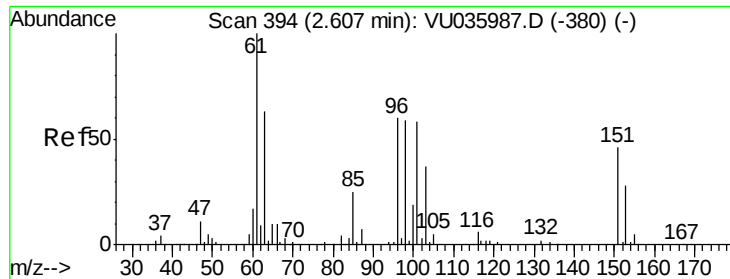
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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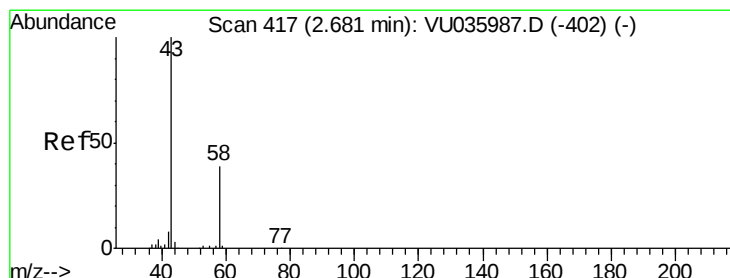
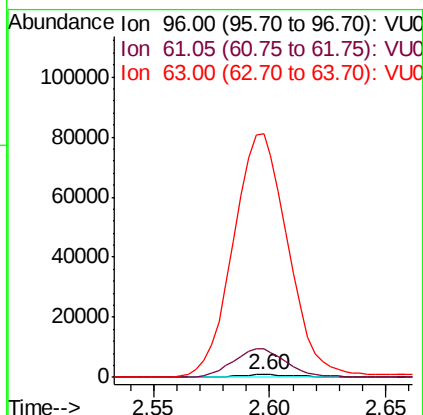
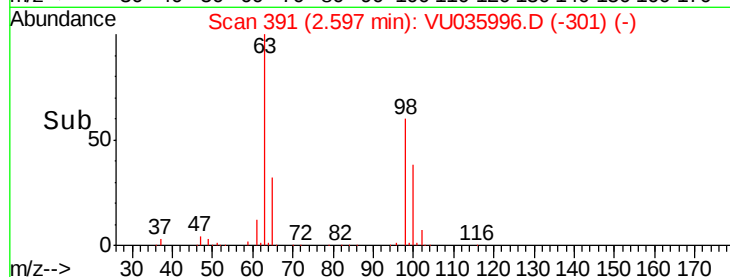
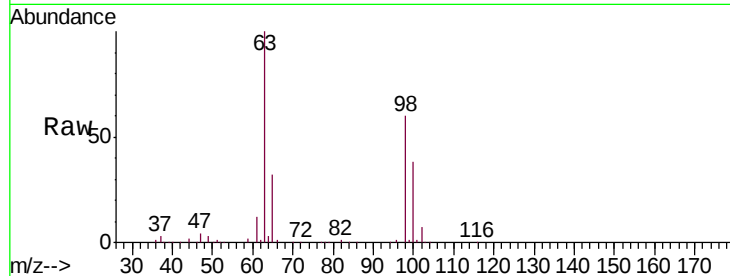




#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035996.D
 Acq: 05 Dec 2019 15:57

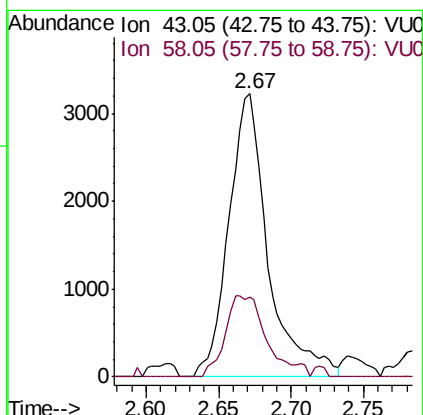
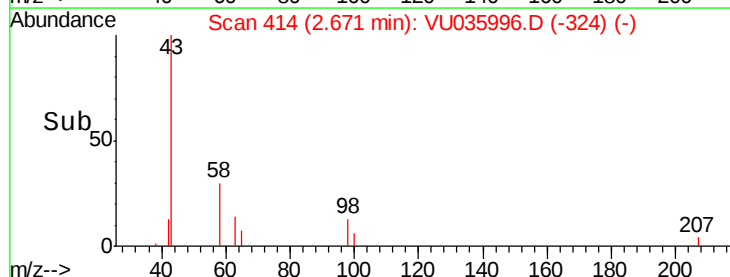
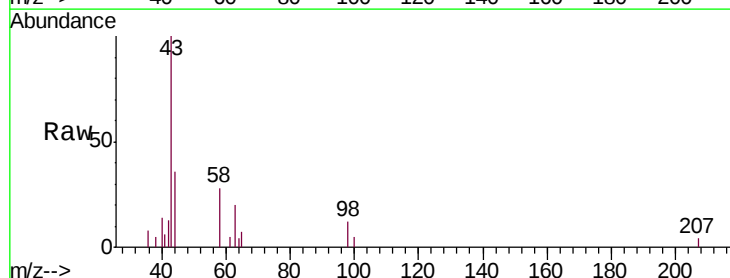
Instrument :
 MSVOA_U
 ClientSampled :
 BFE31

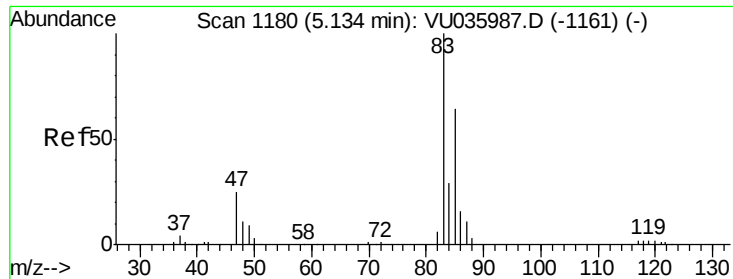
Tgt Ion: 96 Resp: 1506
 Ion Ratio Lower Upper
 96 100
 61 1033.6 127.1 236.1#
 63 8907.3 86.0 159.8#



#13
 Acetone
 Concen: 1.272 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: VU035996.D
 Acq: 05 Dec 2019 15:57

Tgt Ion: 43 Resp: 6066
 Ion Ratio Lower Upper
 43 100
 58 30.2 0.0 68.6

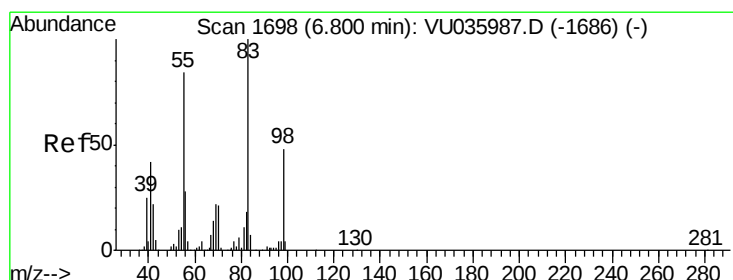
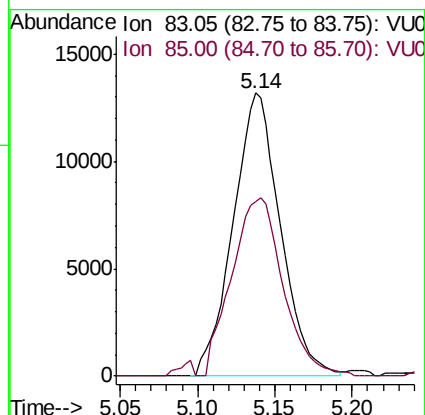
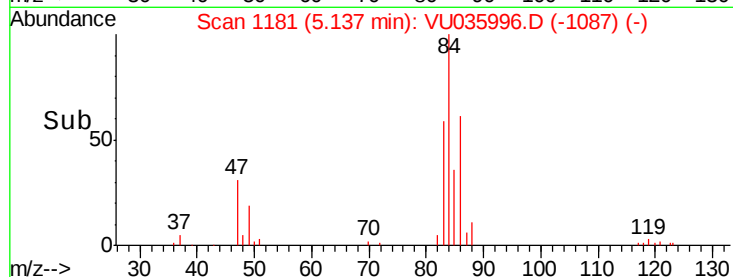
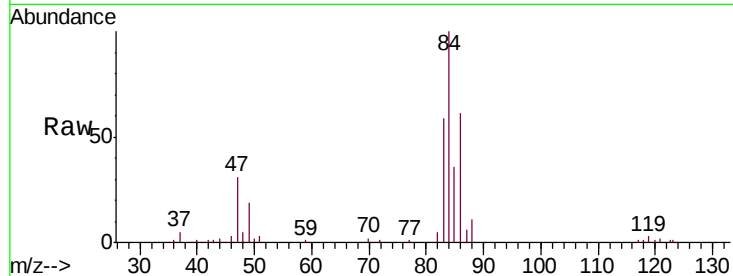




#25
Chloroform
Concen: 0.715 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035996.D
Acq: 05 Dec 2019 15:57

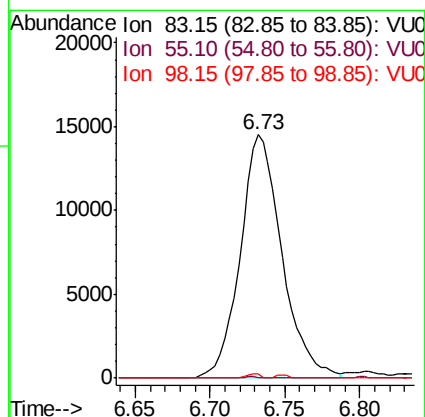
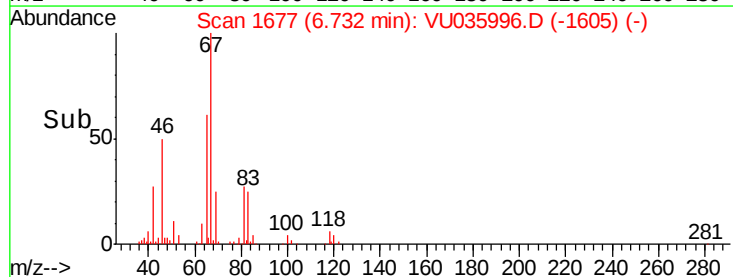
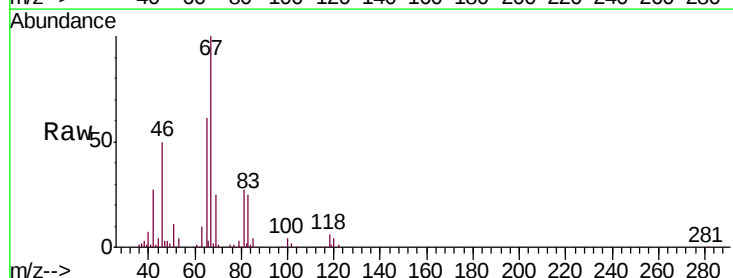
Instrument :
MSVOA_U
ClientSampleId :
BFE31

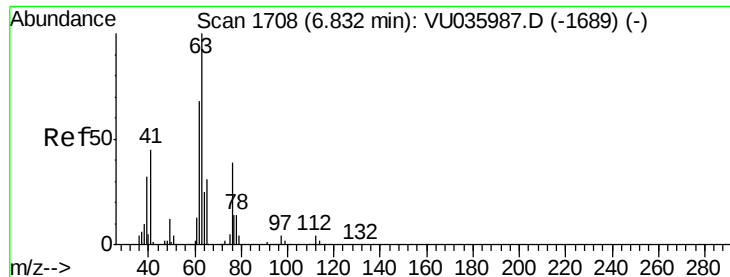
Tgt Ion: 83 Resp: 27956
Ion Ratio Lower Upper
83 100
85 61.9 45.4 84.2



#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035996.D
Acq: 05 Dec 2019 15:57

Tgt Ion: 83 Resp: 28137
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: 0.516 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035996.D

Acq: 05 Dec 2019 15:57

Instrument :

MSVOA_U

ClientSampleId :

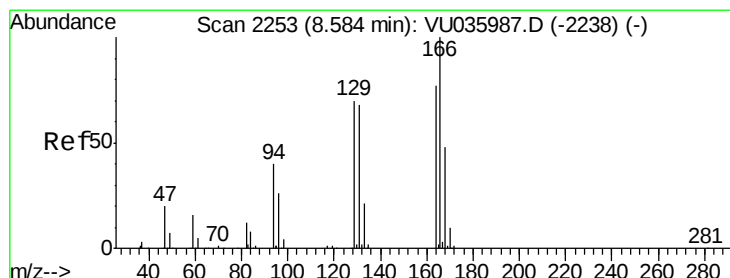
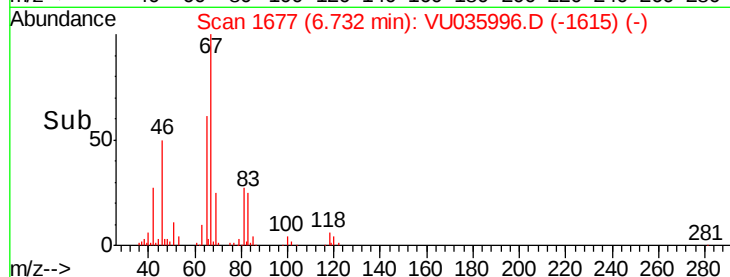
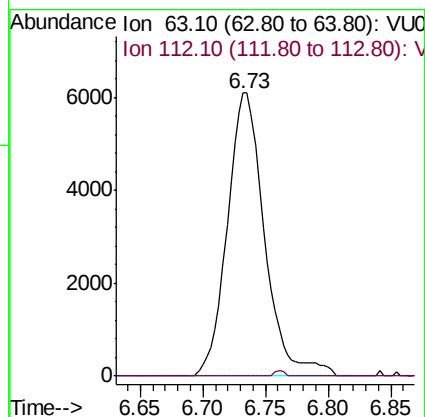
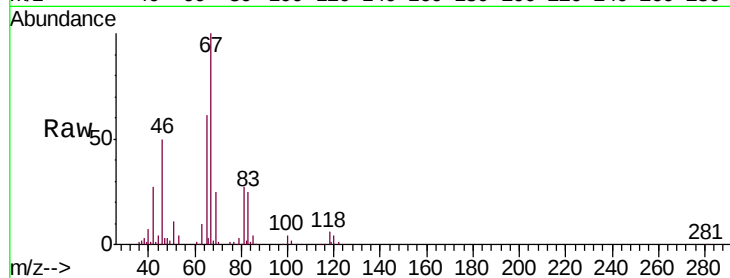
BFE31

Tgt Ion: 63 Resp: 12623

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.140 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035996.D

Acq: 05 Dec 2019 15:57

Tgt Ion: 164 Resp: 2593

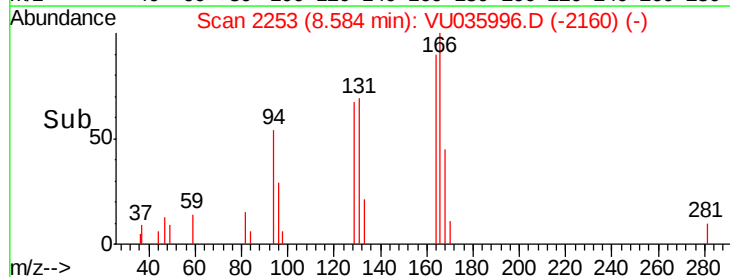
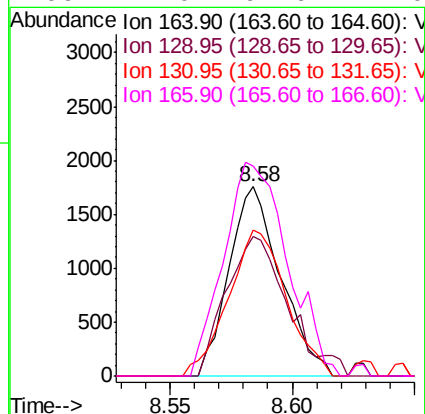
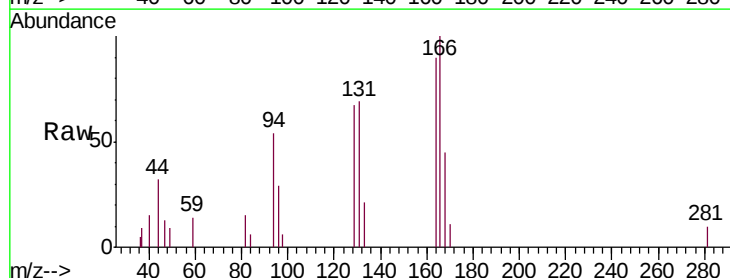
Ion Ratio Lower Upper

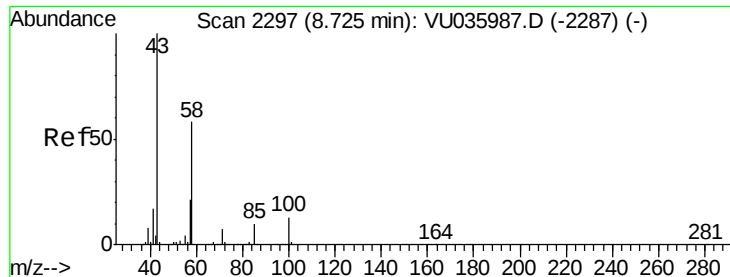
164 100

129 73.9 67.9 126.1

131 76.9 64.1 119.1

166 111.0 92.6 172.0

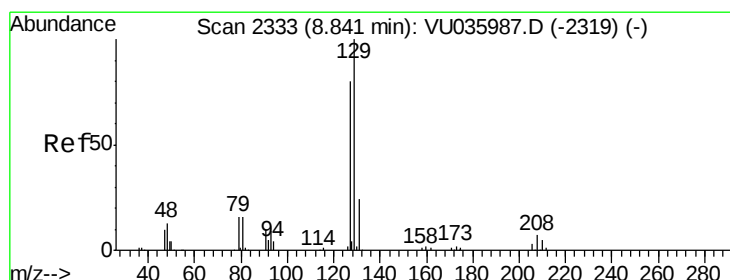
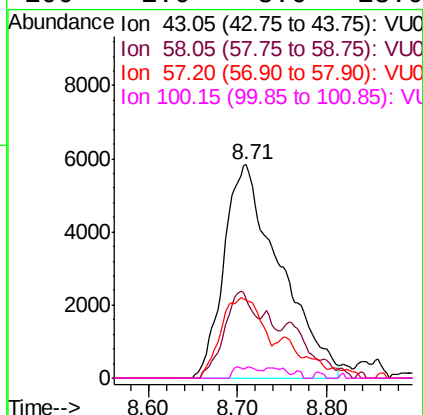
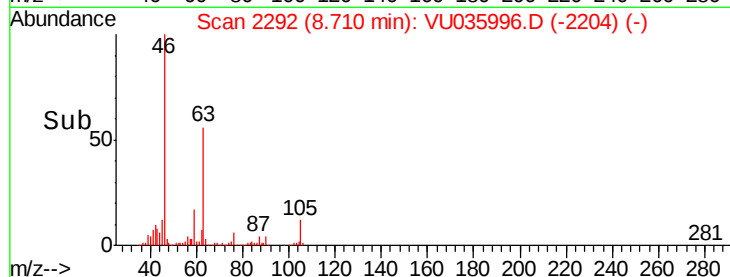
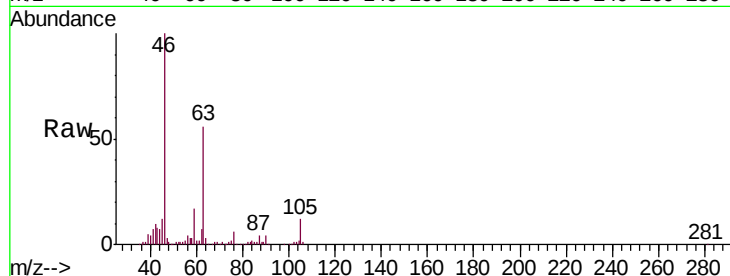




#48
2-Hexanone
Concen: 2.400 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.02 min
Lab File: VU035996.D
Acq: 05 Dec 2019 15:57

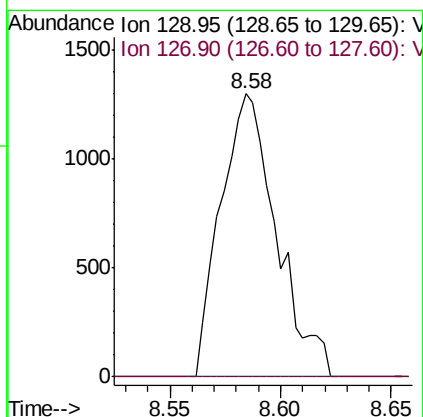
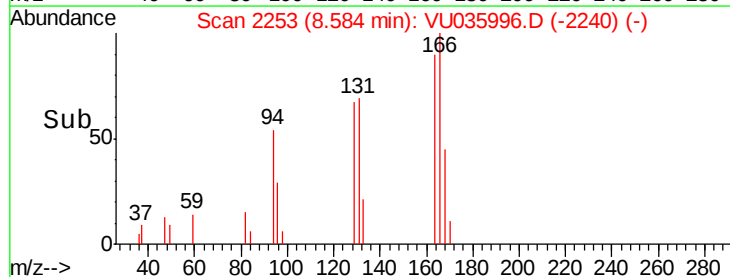
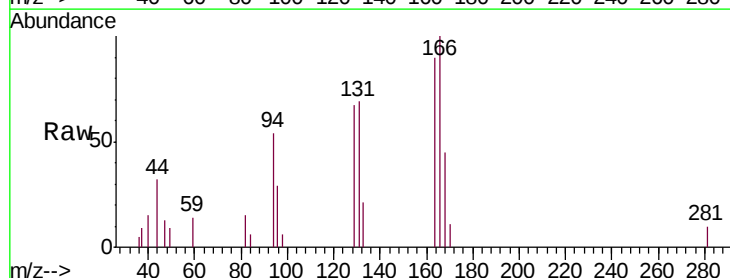
Instrument :
MSVOA_U
ClientSampleId :
BFE31

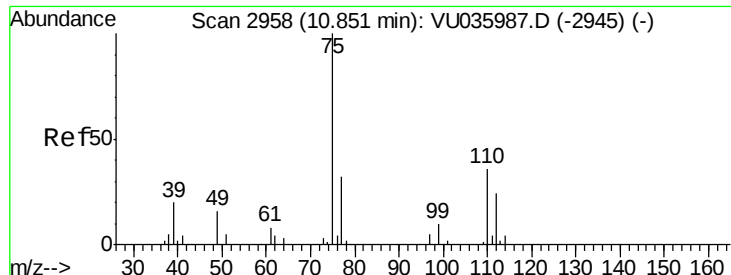
Tgt Ion: 43 Resp: 25479
Ion Ratio Lower Upper
43 100
58 22.6 45.4 68.2#
57 27.6 14.9 22.3#
100 1.0 8.6 13.0#



#49
Dibromochloromethane
Concen: 0.112 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035996.D
Acq: 05 Dec 2019 15:57

Tgt Ion: 129 Resp: 2271
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.0#





#59

1,2,3-Trichloropropane

Concen: 0.498 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035996.D

Acq: 05 Dec 2019 15:57

Instrument :

MSVOA_U

ClientSampleId :

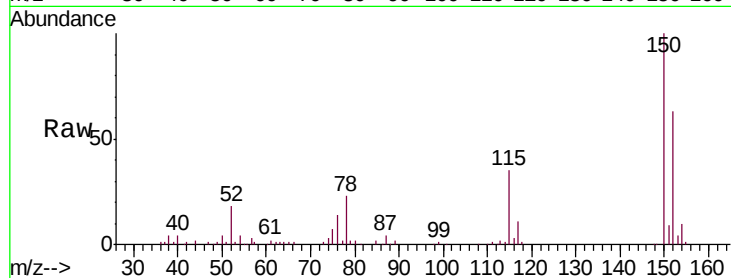
BFE31

Tgt Ion: 75 Resp: 7907

Ion Ratio Lower Upper

75 100

77 32.5 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

