

Data File : VU036142.D
Acq On : 11 Dec 2019 19:23
Operator : JC/MD
Sample : K6214-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BD804RE

Quant Time: Dec 12 06:16:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	284942	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	309229	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	80048	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119471	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.92	69	119569	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.59	63	131956	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.68	46	269478	62.27	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.54%
24) Chloroform-d	5.11	84	206280	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.75	65	106903	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.77	84	384317	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.73	67	126894	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.93	98	302658	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.21	79	44710	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.67	63	198123	55.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116709	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	79465	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

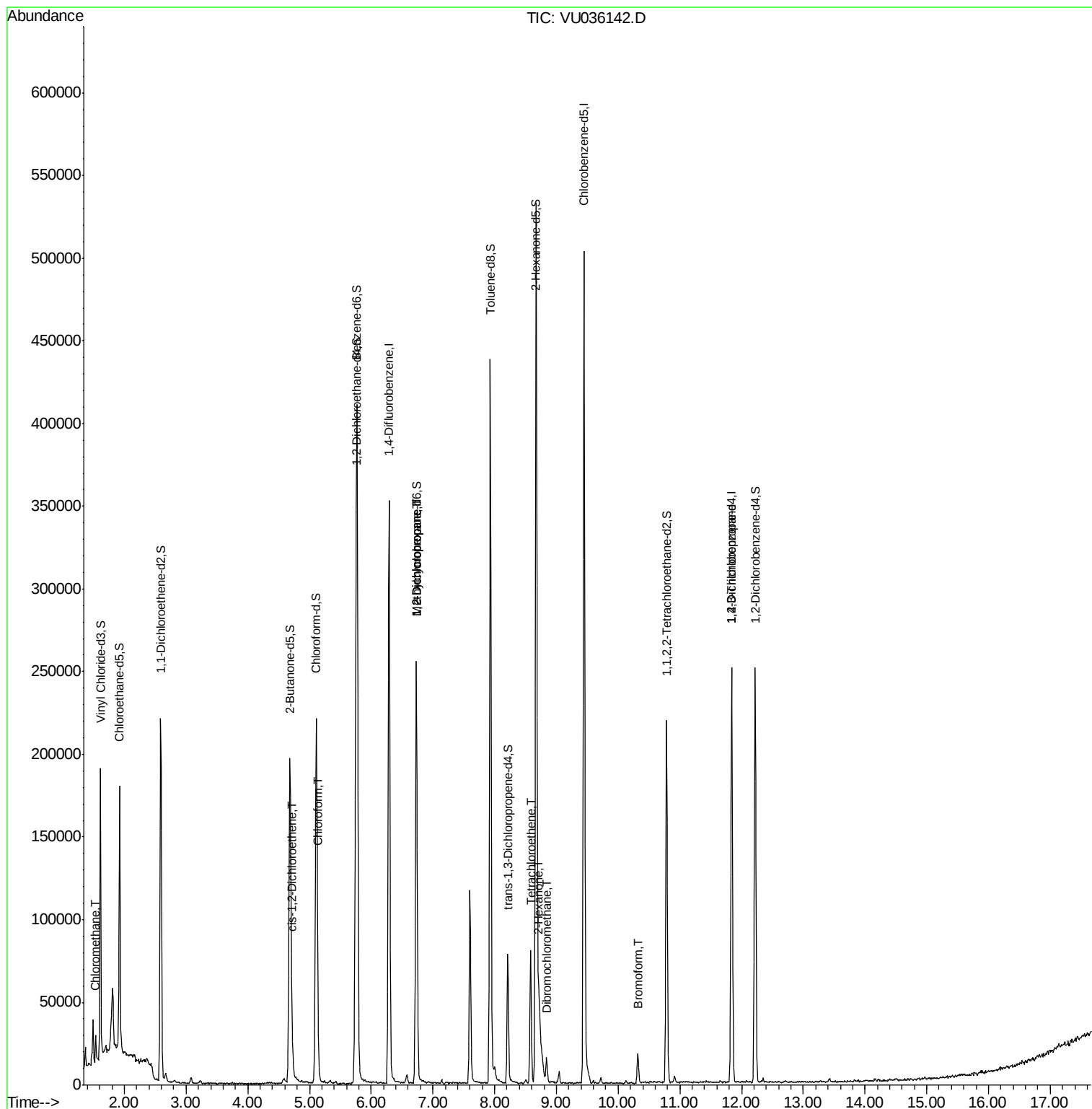
					Qvalue
3) Chloromethane	1.54	50	13202	0.483 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	7335	0.330 ug/L	89
25) Chloroform	5.14	83	16823	0.397 ug/L	88
35) Methylcyclohexane	6.73	83	29091	0.966 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12248	0.578 ug/L #	87
47) Tetrachloroethene	8.58	164	18629	0.873 ug/L	89
48) 2-Hexanone	8.72	43	7269	0.915 ug/L #	59
49) Dibromochloromethane	8.84	129	7147	0.323 ug/L	99
59) 1,2,3-Trichloropropane	11.84	75	8857	0.584 ug/L	93
61) Bromoform	10.32	173	8871	1.114 ug/L	98

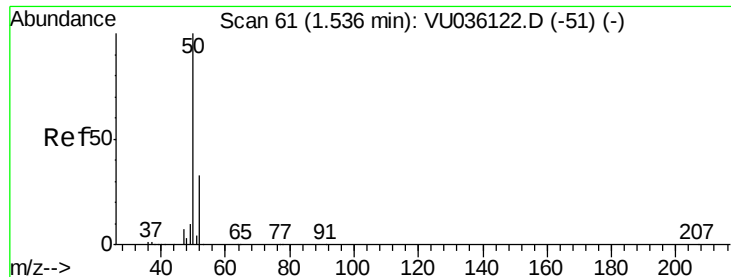
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.483 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036142.D

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Instrument :

MSVOA_U

ClientSampleId :

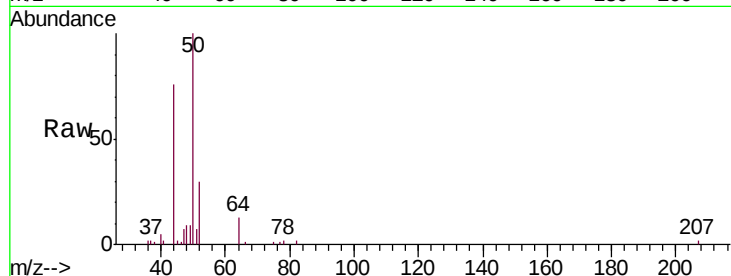
BD804RE

Tgt Ion: 50 Resp: 13202

Ion Ratio Lower Upper

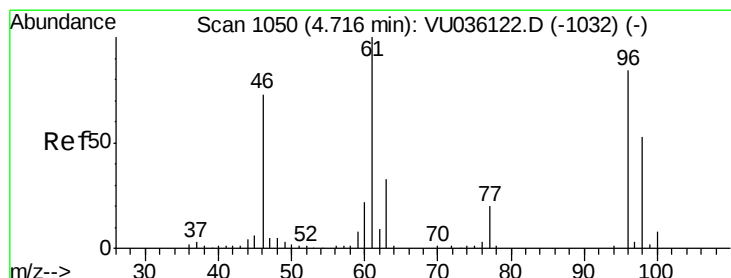
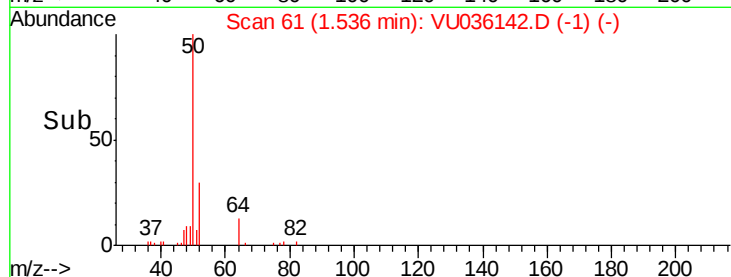
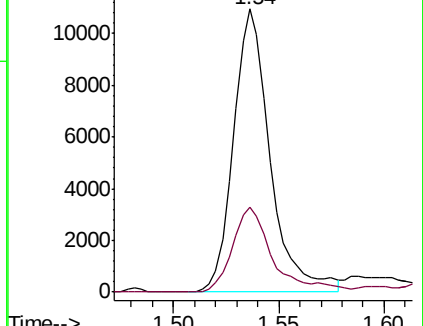
50 100

52 30.0 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036142.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU036142.D (-51) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.330 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU036142.D

Acq: 11 Dec 2019 19:23

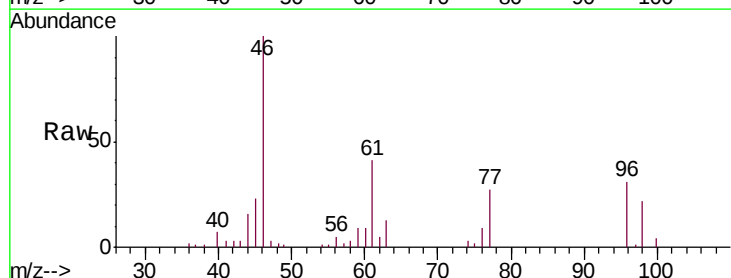
Tgt Ion: 96 Resp: 7335

Ion Ratio Lower Upper

96 100

61 130.5 83.0 154.2

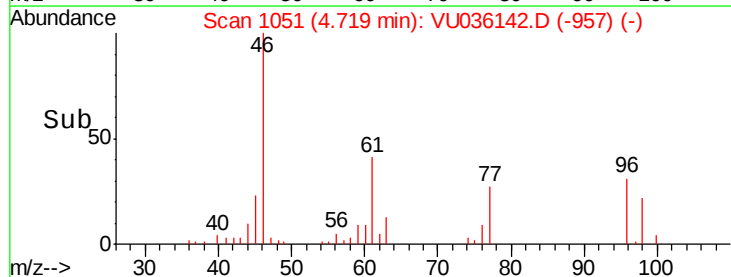
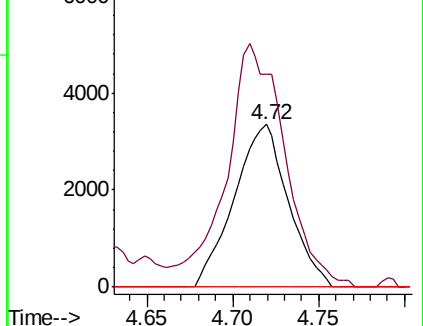
68 0.0 0.0 0.0

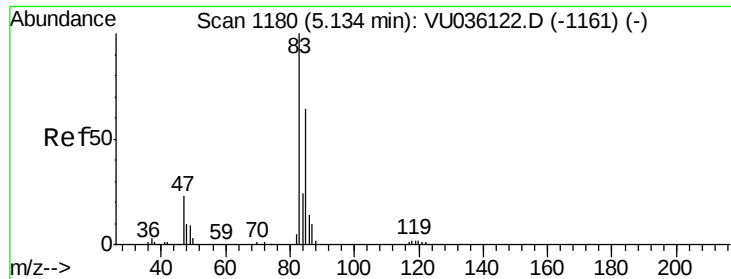


Abundance Ion 96.00 (95.70 to 96.70): VU036142.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036142.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036142.D (-1032) (-)

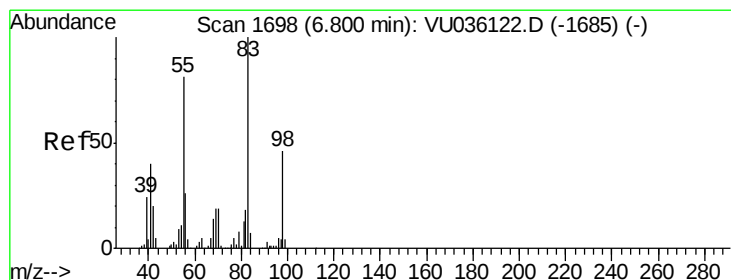
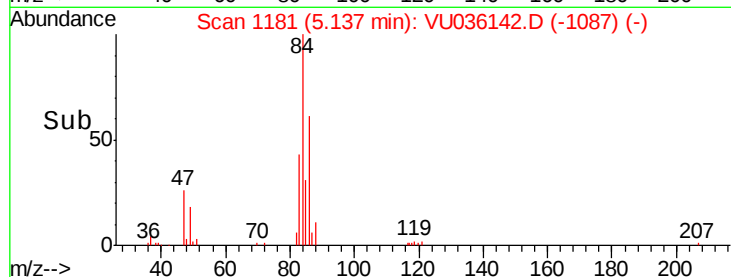
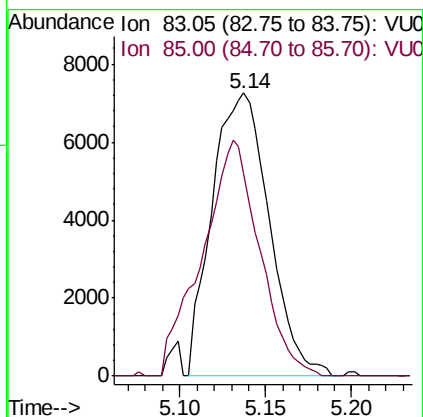
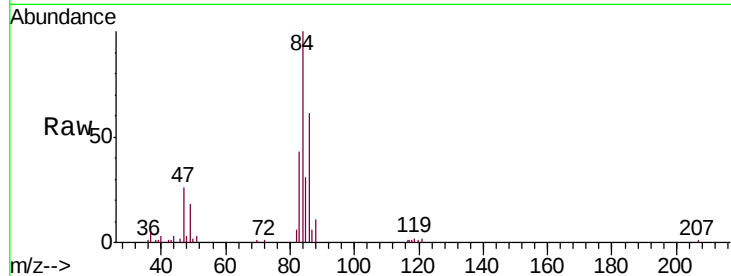




#25
Chloroform
Concen: 0.397 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036142.D
Acq: 11 Dec 2019 19:23

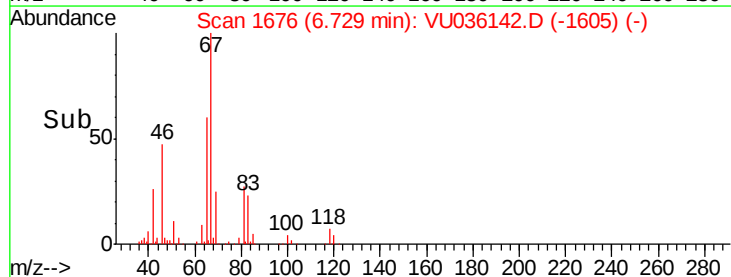
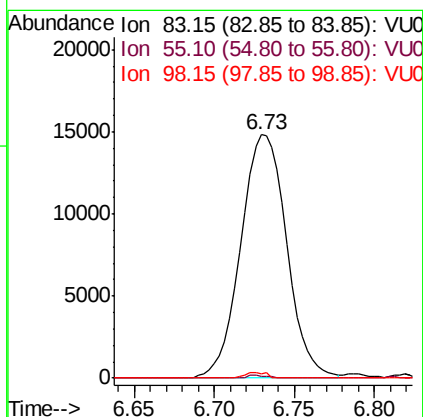
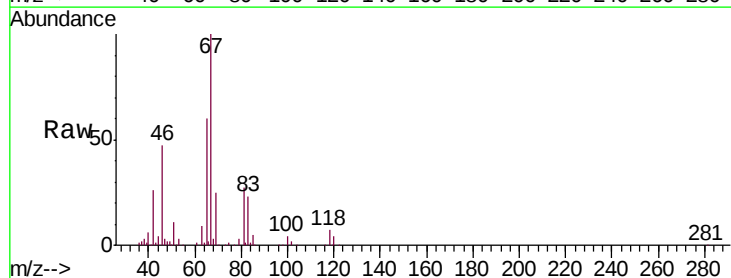
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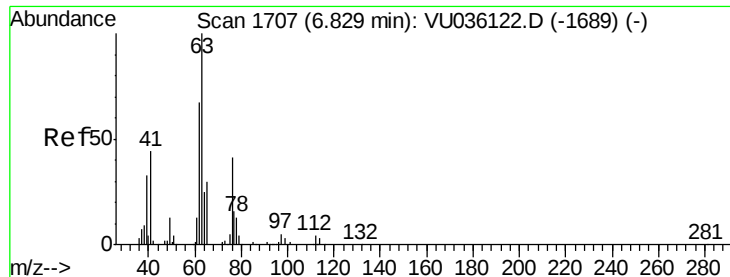
Tgt Ion: 83 Resp: 16823
Ion Ratio Lower Upper
83 100
85 71.7 43.9 81.5



#35
Methylcyclohexane
Concen: 0.966 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036142.D
Acq: 11 Dec 2019 19:23

Tgt Ion: 83 Resp: 29091
Ion Ratio Lower Upper
83 100
55 0.4 62.1 93.1#
98 1.1 37.0 55.4#

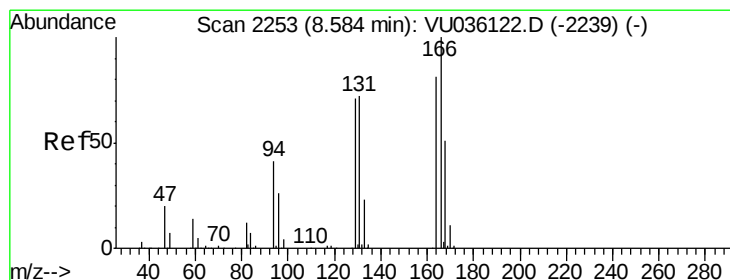
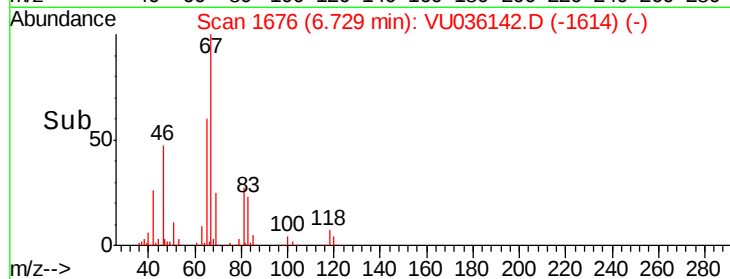
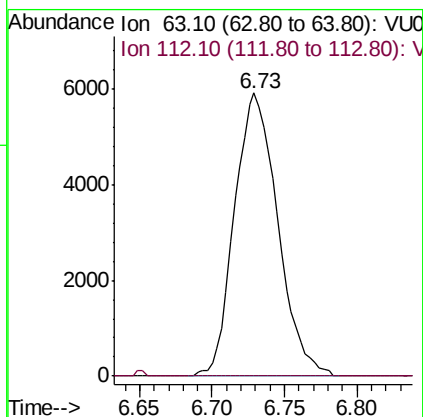
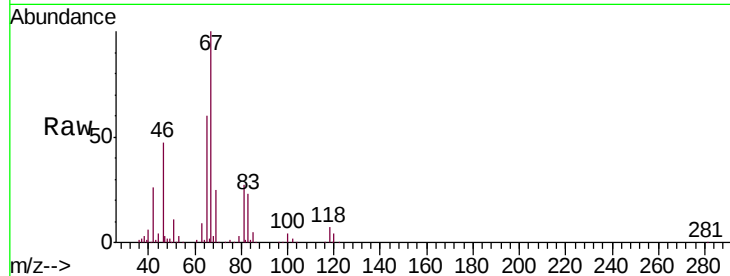




#37
 1,2-Dichloropropane
 Concen: 0.578 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036142.D
 Acq: 11 Dec 2019 19:23

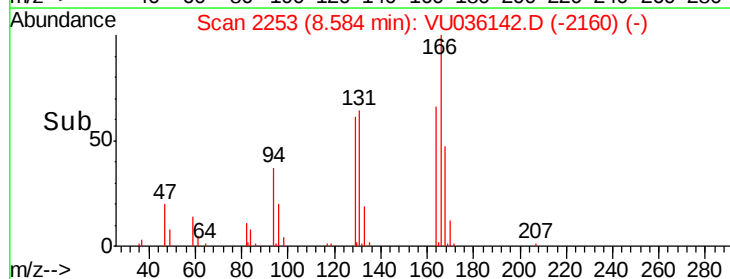
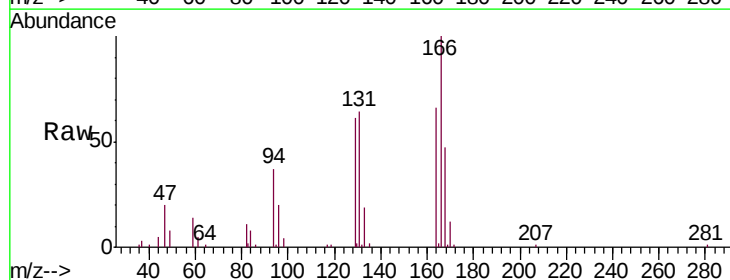
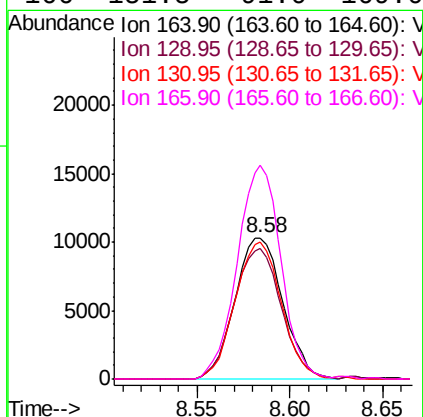
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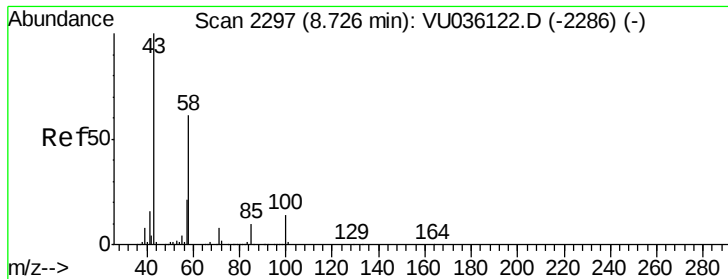
Tgt Ion: 63 Resp: 12248
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.8#



#47
 Tetrachloroethene
 Concen: 0.873 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU036142.D
 Acq: 11 Dec 2019 19:23

Tgt Ion: 164 Resp: 18629
 Ion Ratio Lower Upper
 164 100
 129 92.4 63.1 117.3
 131 97.0 61.5 114.1
 166 151.5 91.0 169.0

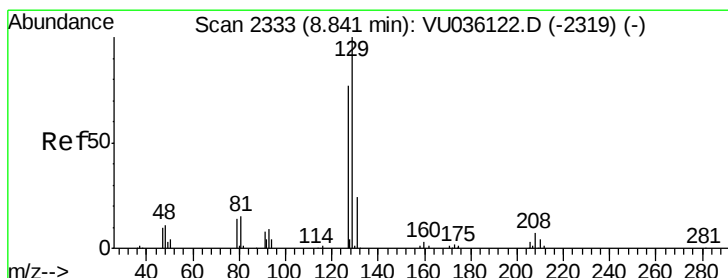
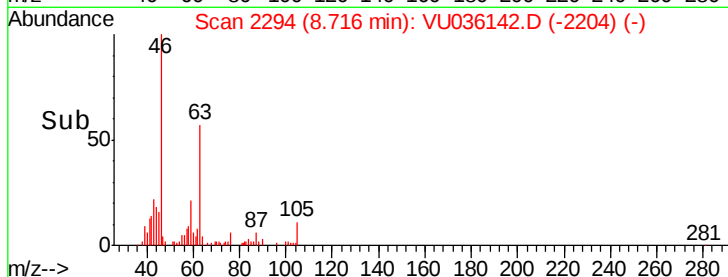
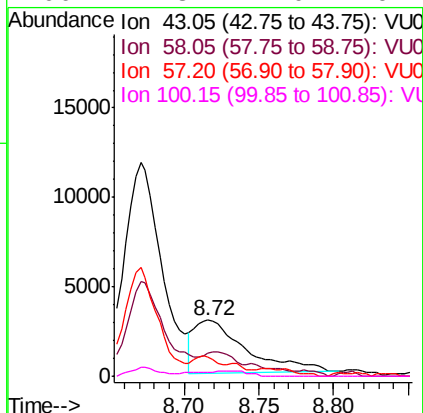
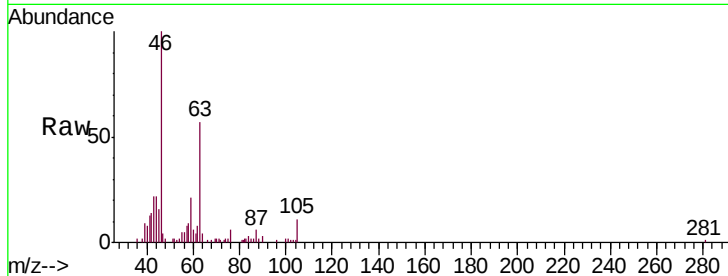




#48
2-Hexanone
Concen: 0.915 ug/L
RT: 8.72 min Scan# 2294
Delta R.T. -0.01 min
Lab File: VU036142.D
Acq: 11 Dec 2019 19:23

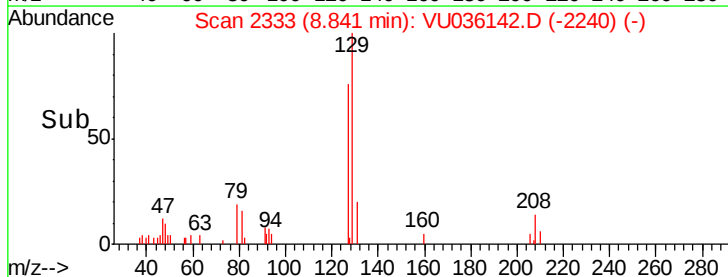
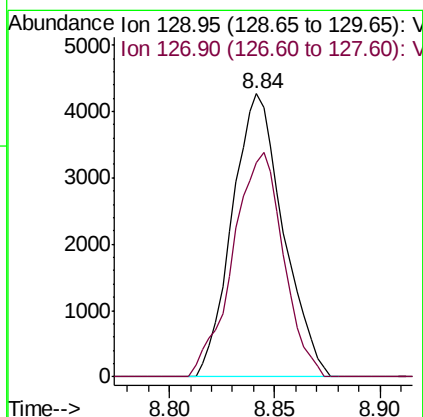
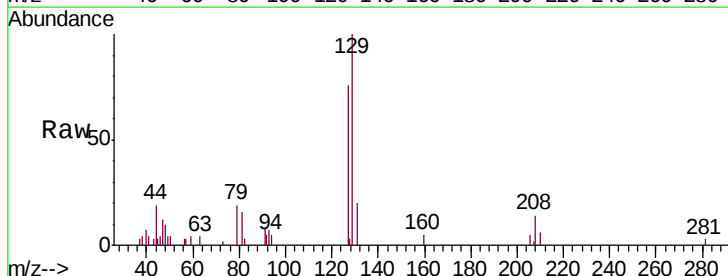
Instrument :
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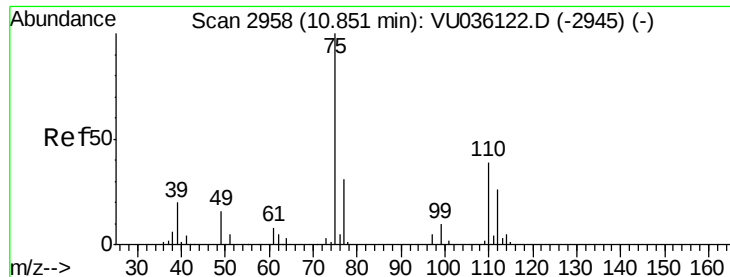
Tgt Ion:	43	Resp:	7269
Ion	Ratio	Lower	Upper
43	100		
58	22.3	46.9	70.3#
57	7.0	16.4	24.6#
100	4.3	11.0	16.4#



#49
Dibromochloromethane
Concen: 0.323 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. -0.00 min
Lab File: VU036142.D
Acq: 11 Dec 2019 19:23

Tgt Ion:	129	Resp:	7147
Ion	Ratio	Lower	Upper
129	100		
127	75.6	52.5	97.5

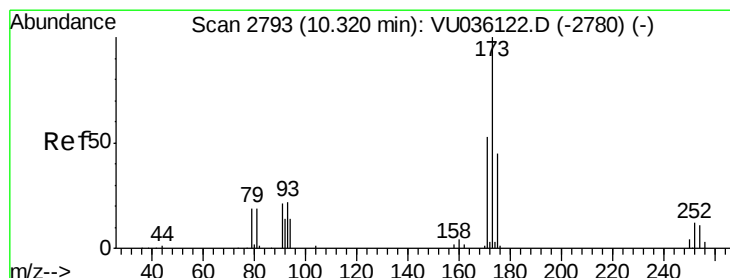
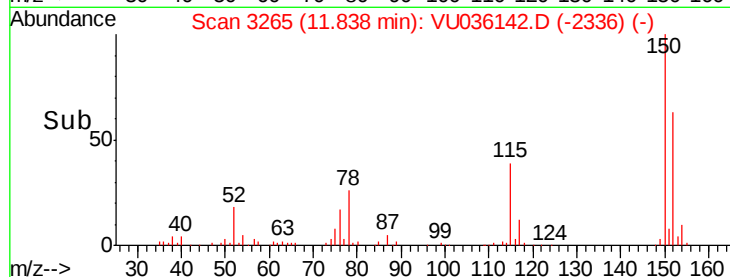
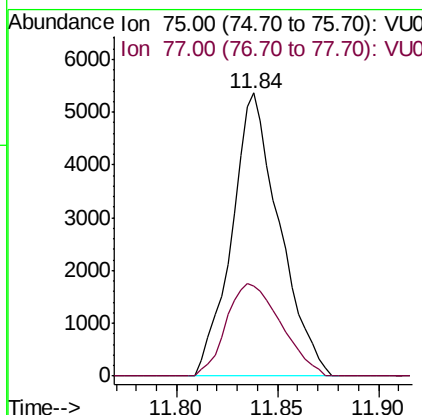
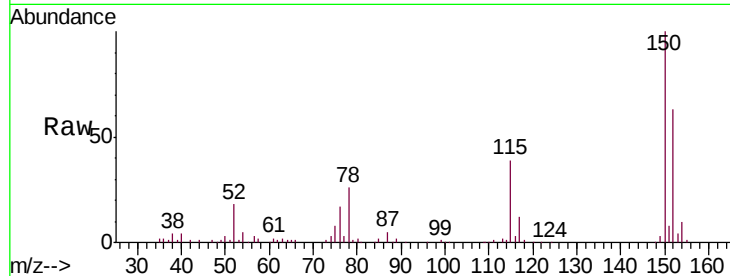




#59
 1,2,3-Trichloropropane
 Concen: 0.584 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036142.D
 Acq: 11 Dec 2019 19:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BD804RE

Tgt Ion: 75 Resp: 8857
 Ion Ratio Lower Upper
 75 100
 77 37.5 26.7 40.1



#61
 Bromoform
 Concen: 1.114 ug/L
 RT: 10.32 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: VU036142.D
 Acq: 11 Dec 2019 19:23

Tgt Ion: 173 Resp: 8871
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.4 59.0
 254 10.1 8.1 12.1

