

Data File : VU035728.D
Acq On : 15 Nov 2019 15:53
Operator : JC/SP
Sample : K5856-10DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG7DL

Quant Time: Nov 16 01:41:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	220859	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97073	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87138	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	84962	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	113613	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.71	46	261041	52.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.02%
24) Chloroform-d	5.11	84	174599	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.75	65	93034	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	327824	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.74	67	116553	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.93	98	262401	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	8.22	79	40833	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.68	63	185244	46.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.44%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	103445	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	95090	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

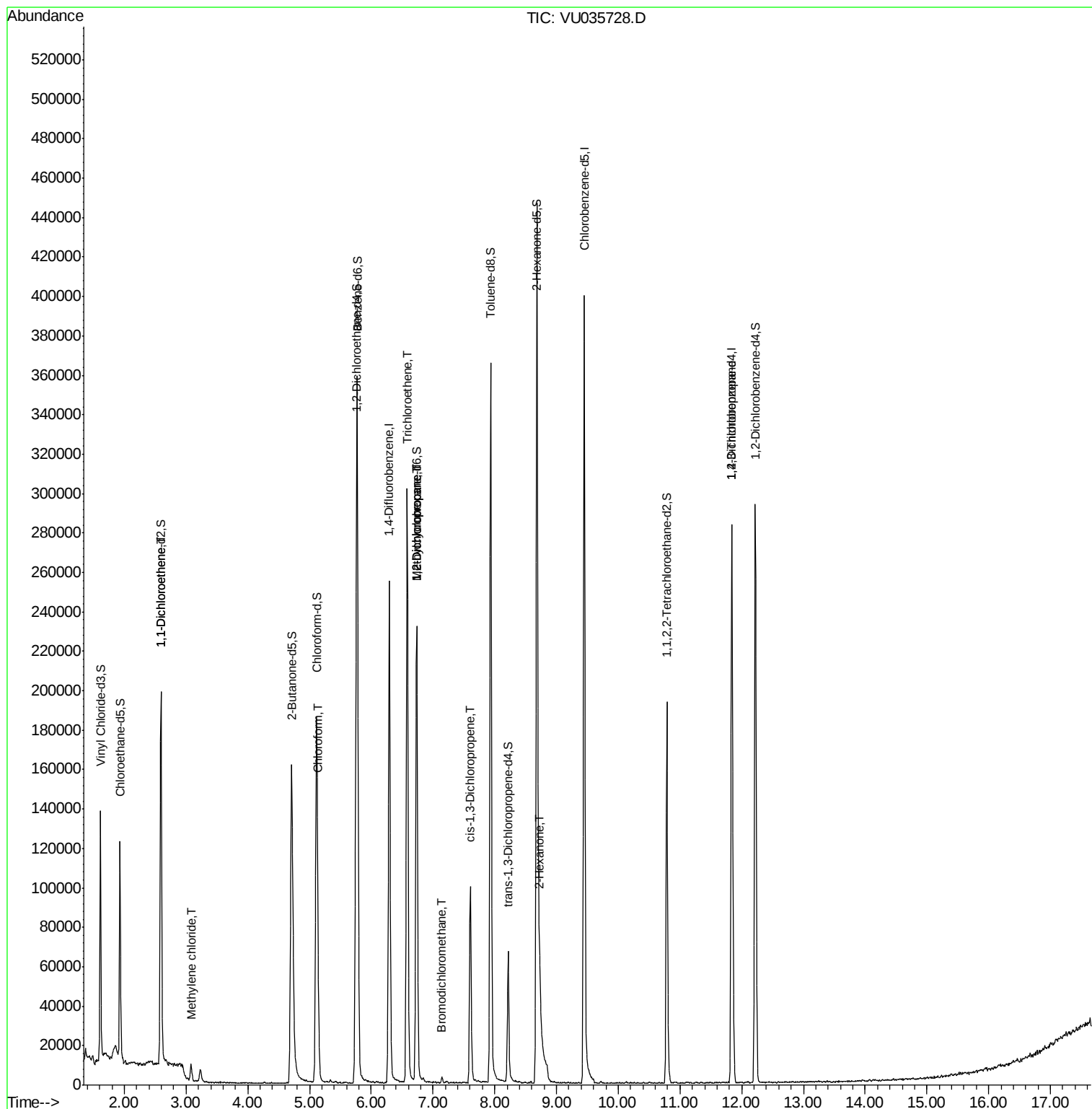
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1347	0.069 ug/L #	1
16) Methylene chloride	3.08	84	3924	0.170 ug/L	86
25) Chloroform	5.14	83	26863	0.665 ug/L	98
34) Trichloroethene	6.58	95	104790	4.625 ug/L	97
35) Methylcyclohexane	6.73	83	26220	0.760 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11932	0.511 ug/L #	87
38) Bromodichloromethane	7.14	83	2172	0.077 ug/L	91
39) cis-1,3-Dichloropropene	7.60	75	2461	0.074 ug/L #	20
48) 2-Hexanone	8.73	43	13859	1.454 ug/L #	95
59) 1,2,3-Trichloropropane	11.84	75	10343	0.670 ug/L	94

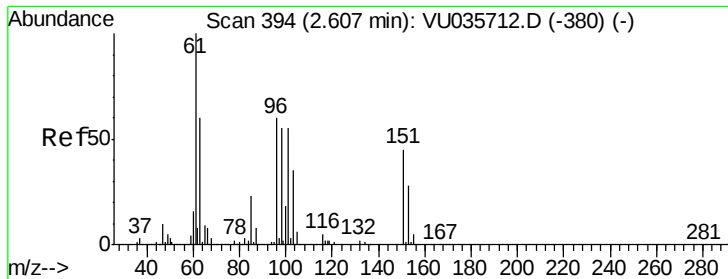
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035728.D

Acq: 15 Nov 2019 15:53

Instrument :

MSVOA_U

ClientSampleId :

GAQG7DL

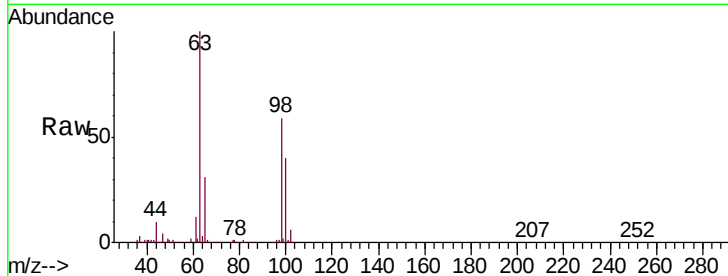
Tgt Ion: 96 Resp: 1347

Ion Ratio Lower Upper

96 100

61 1060.1 123.1 228.5#

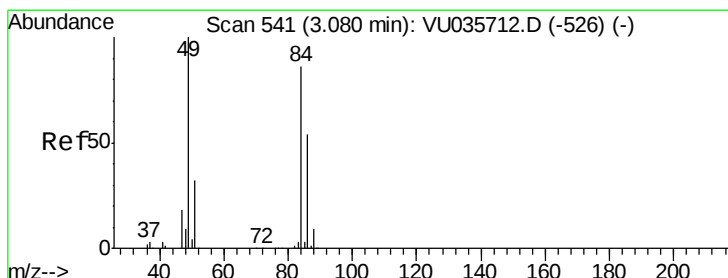
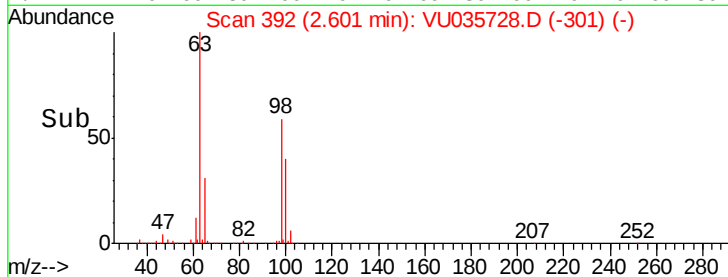
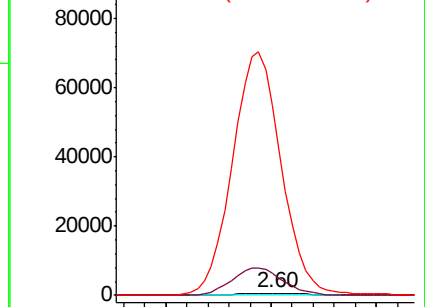
63 9036.3 87.8 163.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.170 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU035728.D

Acq: 15 Nov 2019 15:53

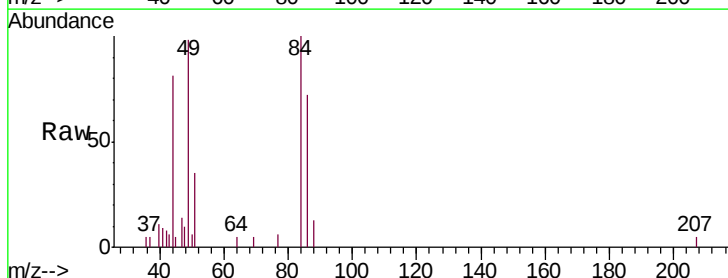
Tgt Ion: 84 Resp: 3924

Ion Ratio Lower Upper

84 100

86 72.4 45.8 85.2

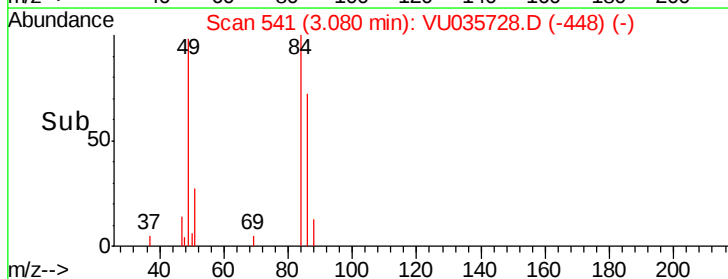
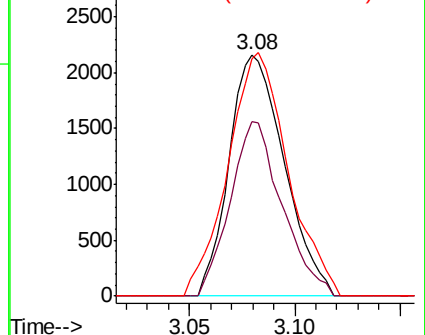
49 98.1 81.9 152.1

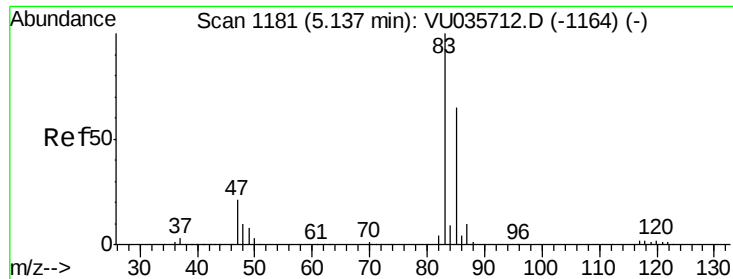


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

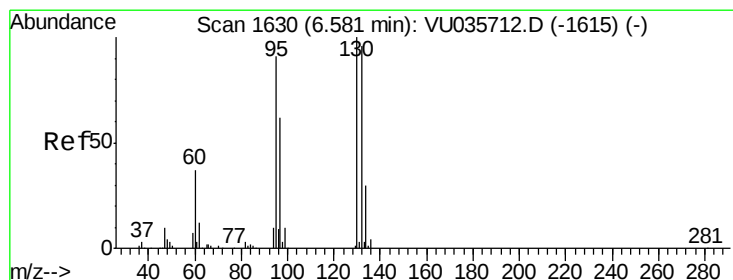
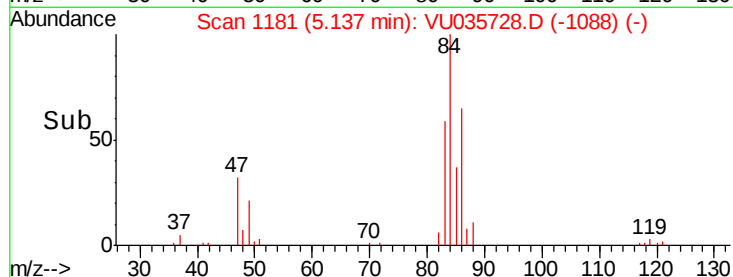
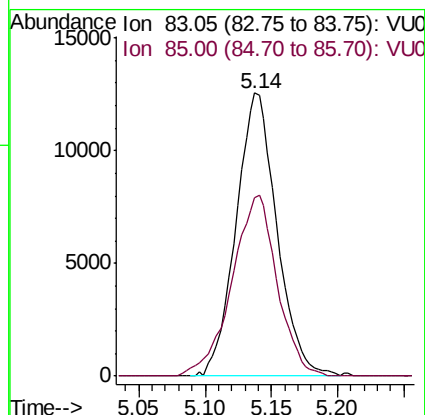
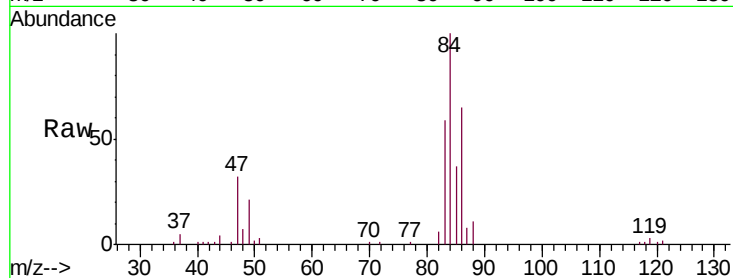




#25
Chloroform
Concen: 0.665 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035728.D
Acq: 15 Nov 2019 15:53

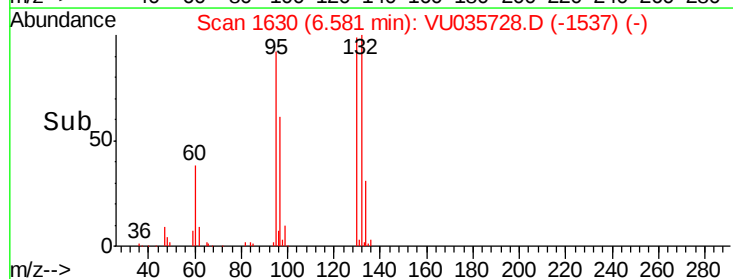
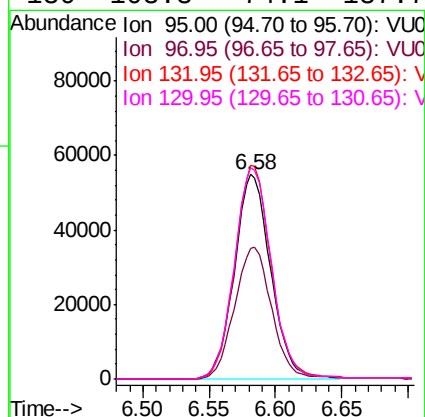
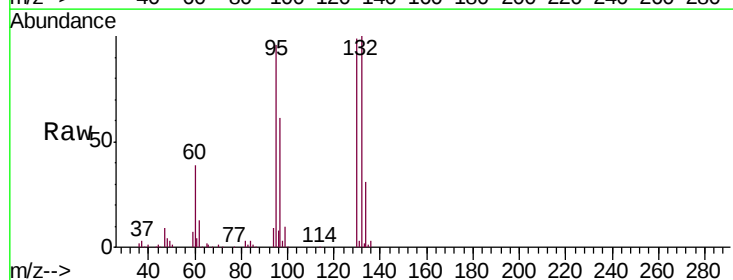
Instrument :
MSVOA_U
ClientSampled :
GAQG7DL

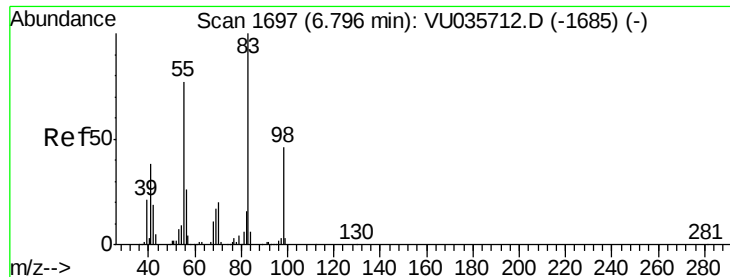
Tgt Ion: 83 Resp: 26863
Ion Ratio Lower Upper
83 100
85 63.0 45.4 84.2



#34
Trichloroethene
Concen: 4.625 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035728.D
Acq: 15 Nov 2019 15:53

Tgt Ion: 95 Resp: 104790
Ion Ratio Lower Upper
95 100
97 63.9 44.5 82.7
132 104.4 69.9 129.7
130 103.3 74.1 137.7

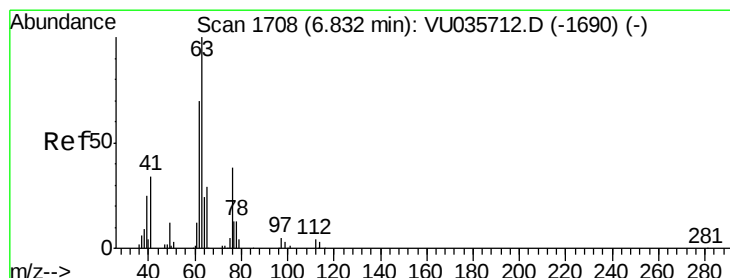
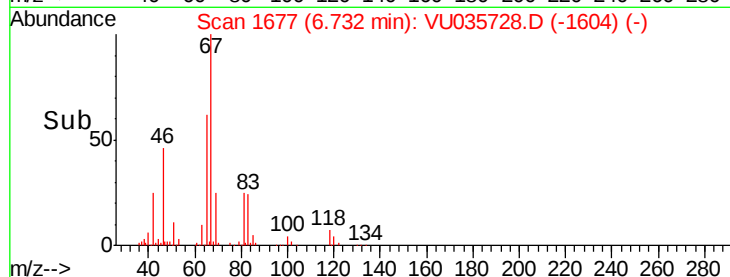
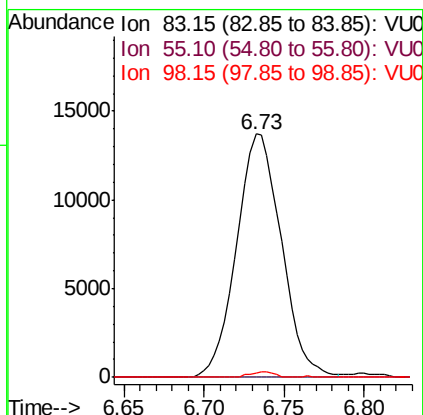
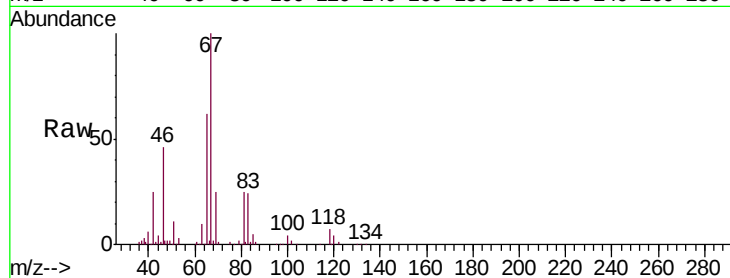




#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.06 min
Lab File: VU035728.D
Acq: 15 Nov 2019 15:53

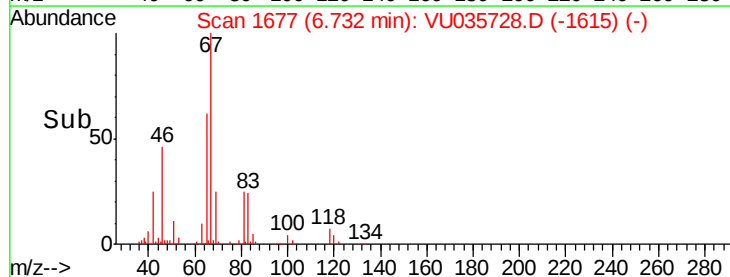
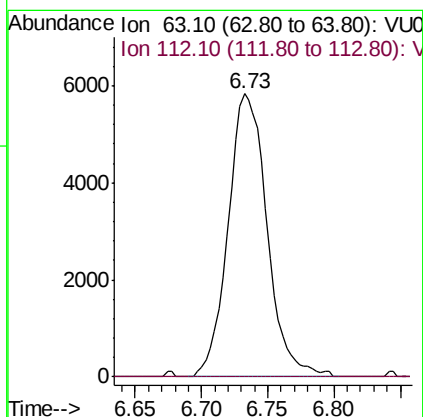
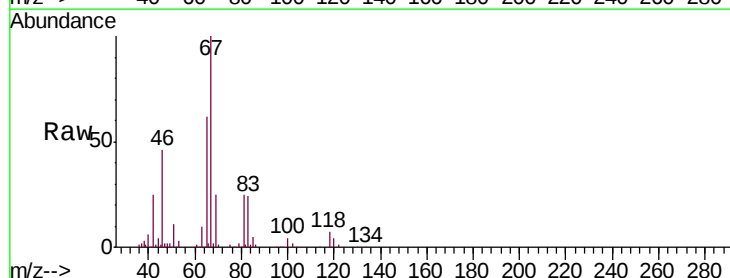
Instrument :
MSVOA_U
ClientSampleId :
GAQG7DL

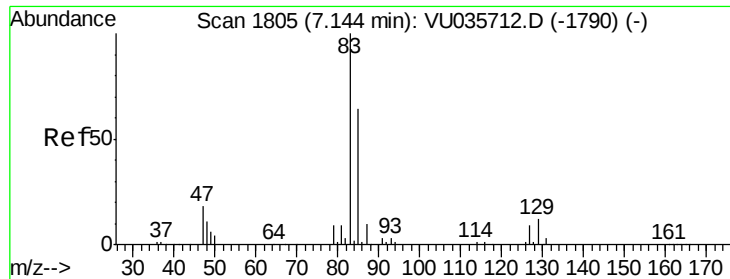
Tgt Ion: 83 Resp: 26220
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.2 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035728.D
Acq: 15 Nov 2019 15:53

Tgt Ion: 63 Resp: 11932
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.077 ug/L

RT: 7.14 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VU035728.D

Acq: 15 Nov 2019 15:53

Instrument :

MSVOA_U

ClientSampleId :

GAQG7DL

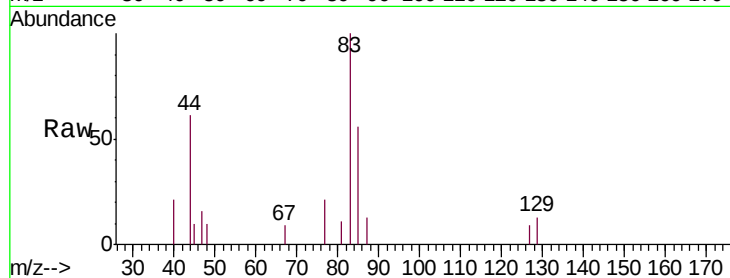
Tgt Ion: 83 Resp: 2172

Ion Ratio Lower Upper

83 100

85 55.8 44.7 82.9

127 9.3 7.1 10.7

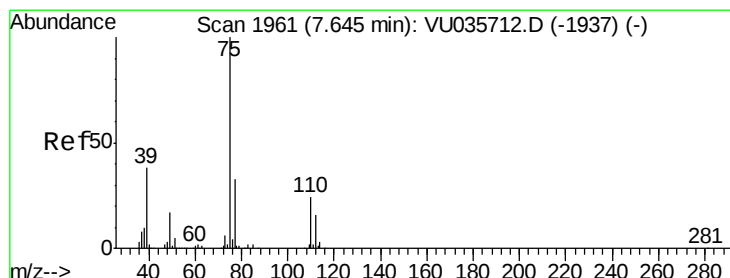
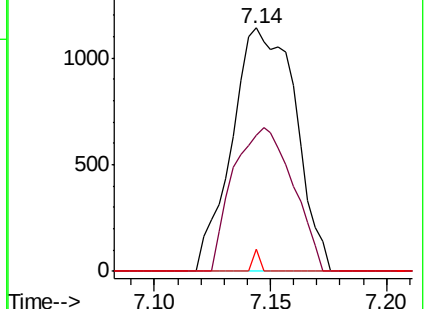
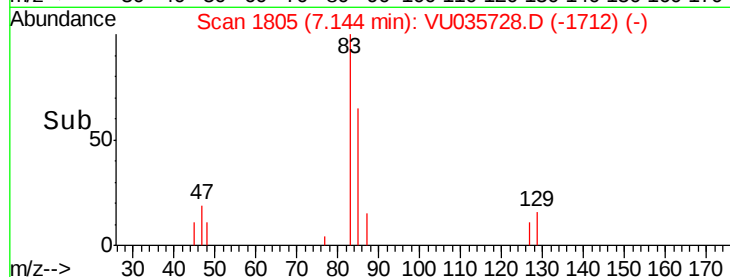


Abundance Ion 82.95 (82.65 to 83.65): VU035728.D (-1790) (-)

Ion 85.00 (84.70 to 85.70): VU035728.D (-1790) (-)

Ion 126.90 (126.60 to 127.60): VU035728.D (-1790) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035728.D

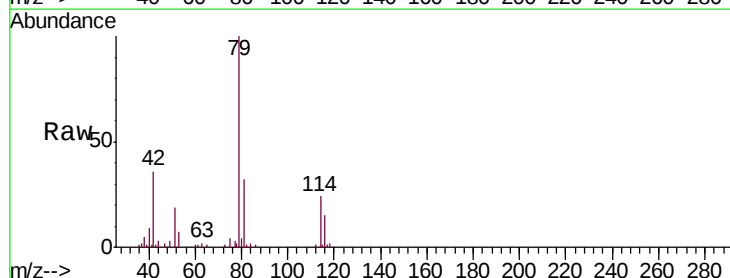
Acq: 15 Nov 2019 15:53

Tgt Ion: 75 Resp: 2461

Ion Ratio Lower Upper

75 100

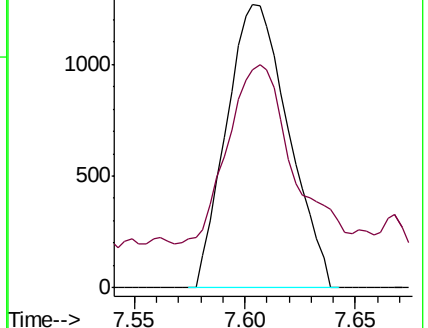
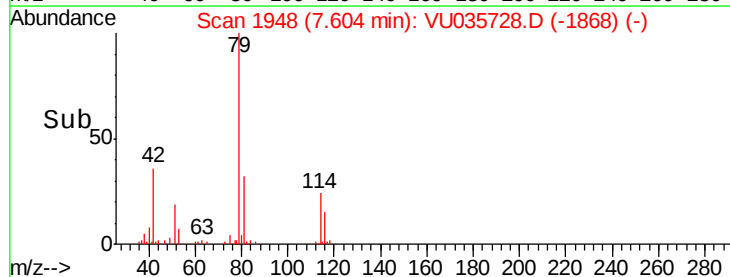
77 76.8 22.5 41.7#

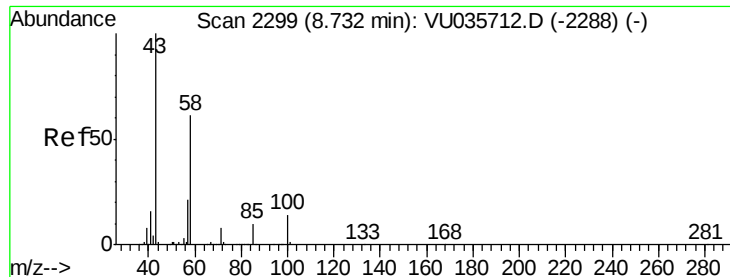


Abundance Ion 75.05 (74.75 to 75.75): VU035728.D (-1868) (-)

Ion 77.05 (76.75 to 77.75): VU035728.D (-1868) (-)

Time-->

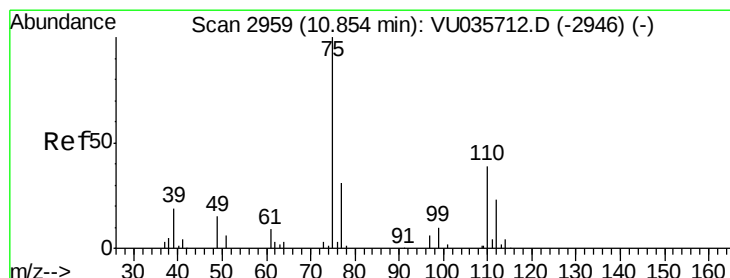
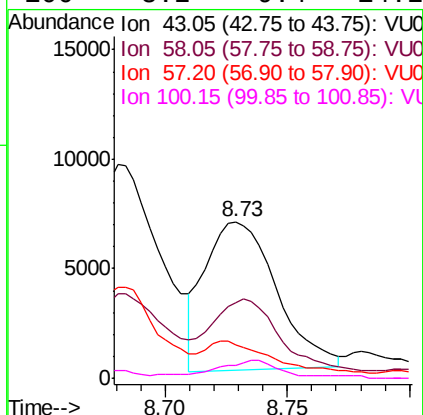
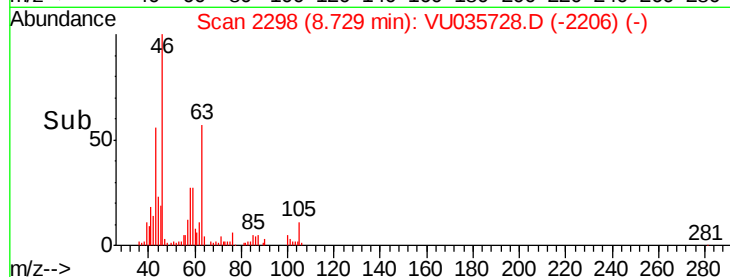
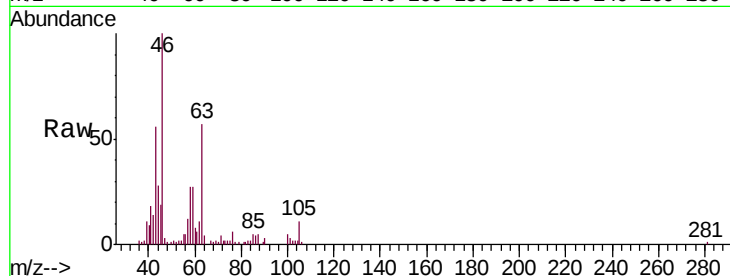




#48
 2-Hexanone
 Concen: 1.454 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VU035728.D
 Acq: 15 Nov 2019 15:53

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG7DL

Tgt Ion:	43	Resp:	13859
Ion	Ratio	Lower	Upper
43	100		
58	52.7	44.1	66.1
57	22.9	15.1	22.7#
100	8.2	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.670 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035728.D
 Acq: 15 Nov 2019 15:53

Tgt Ion:	75	Resp:	10343
Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.8	40.2

