

Data File : VU035723.D
Acq On : 15 Nov 2019 13:50
Operator : JC/SP
Sample : K5759-01 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2J21

Quant Time: Nov 16 01:41:09 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	226235	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	106014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85388	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.93	69	82119	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	111799	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.71	46	258110	50.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	5.11	84	160984	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.75	65	90261	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.77	84	325132	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.73	67	112923	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.93	98	259909	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	8.22	79	42217	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.69	63	181691	45.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102143	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	98157	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

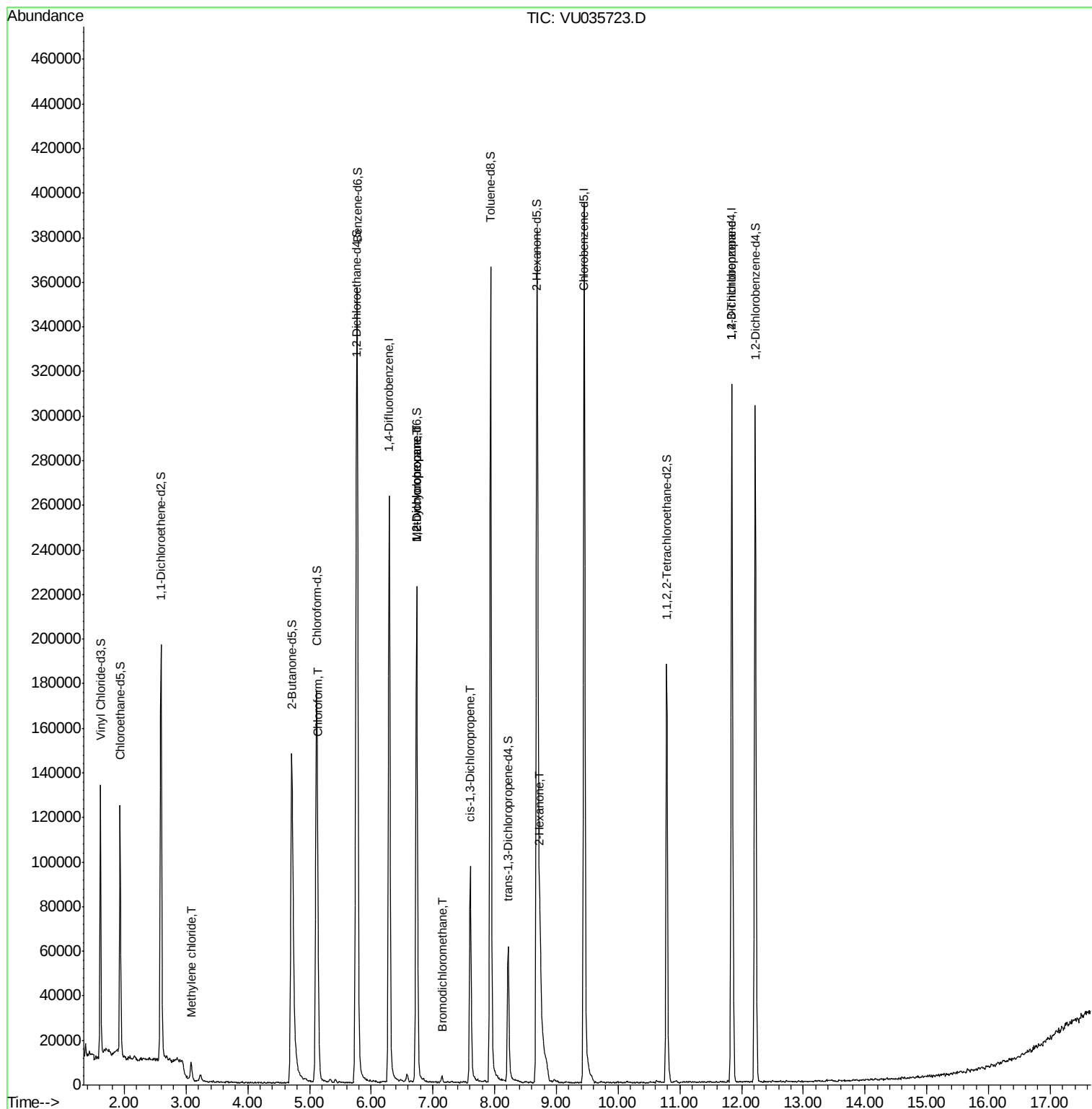
						Qvalue
16) Methylene chloride	3.08	84	4211	0.179	ug/L	87
25) Chloroform	5.14	83	32587	0.788	ug/L	97
35) Methylcyclohexane	6.74	83	25826	0.752	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11602	0.500	ug/L #	87
38) Bromodichloromethane	7.15	83	2111	0.075	ug/L #	96
39) cis-1,3-Dichloropropene	7.61	75	2525	0.076	ug/L #	42
48) 2-Hexanone	8.74	43	20791	2.192	ug/L #	91
59) 1,2,3-Trichloropropane	11.84	75	11539	0.752	ug/L	98

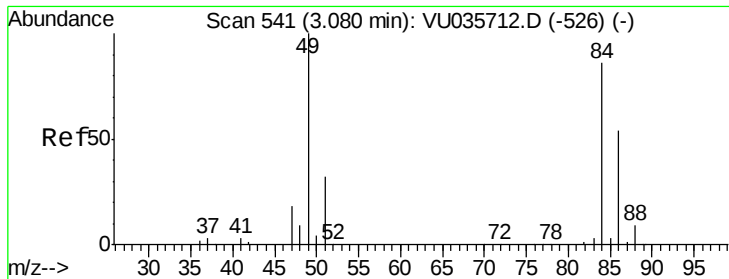
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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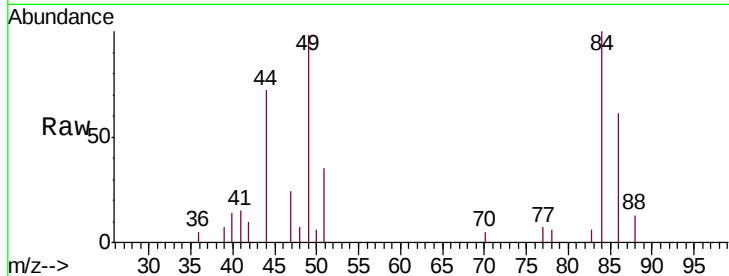




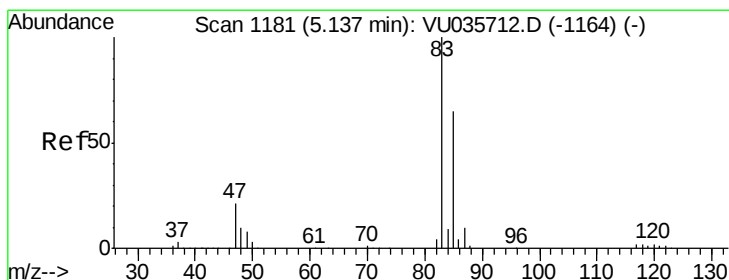
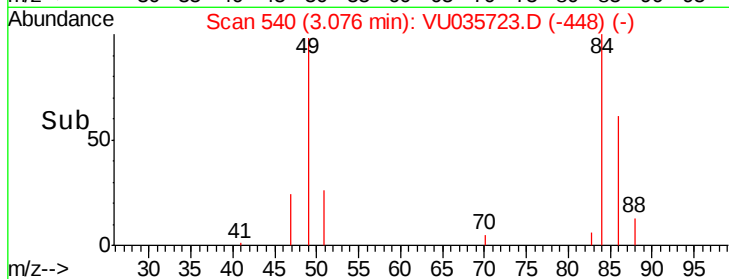
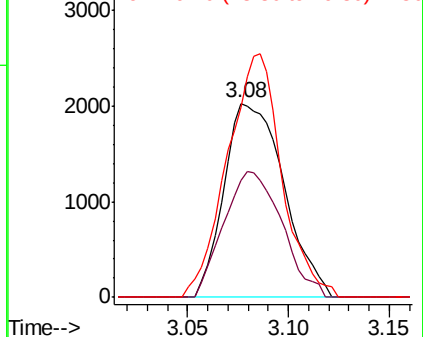
#16
Methylene chloride
Concen: 0.179 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU035723.D
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Instrument :
MSVOA_U
ClientSampleId :
F2J21

Tgt Ion: 84 Resp: 4211
Ion Ratio Lower Upper
84 100
86 60.6 45.8 85.2
49 97.8 81.9 152.1

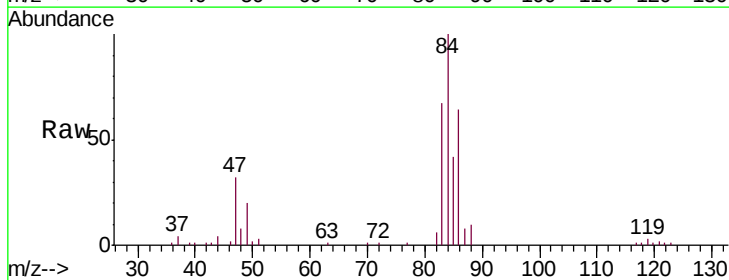


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

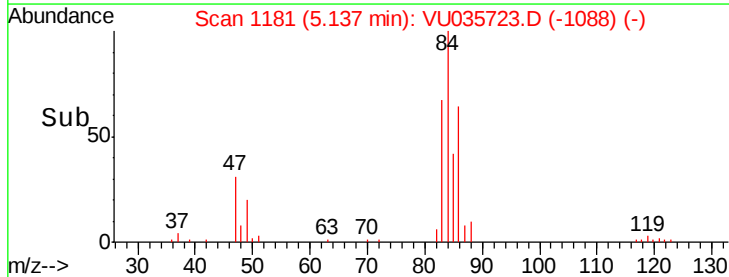
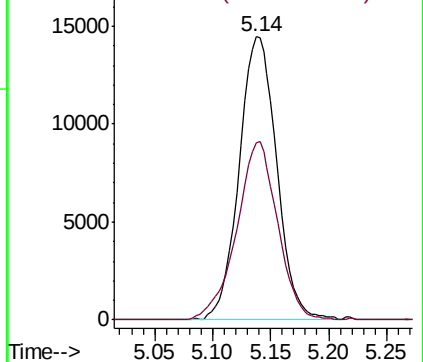


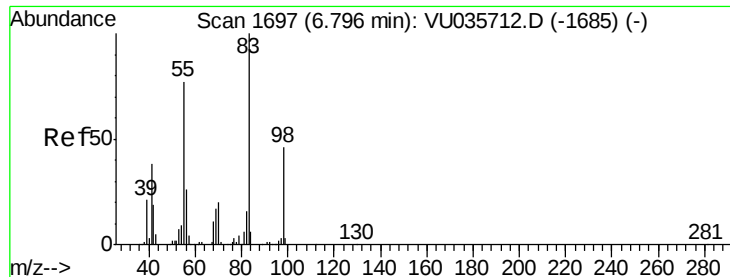
#25
Chloroform
Concen: 0.788 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035723.D
Acq: 15 Nov 2019 13:50

Tgt Ion: 83 Resp: 32587
Ion Ratio Lower Upper
83 100
85 62.8 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

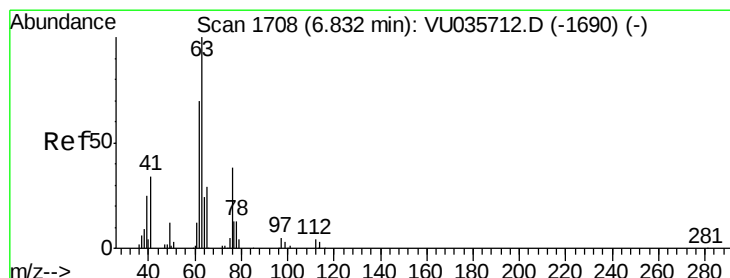
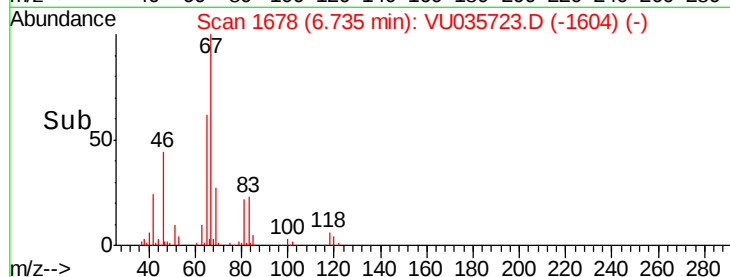
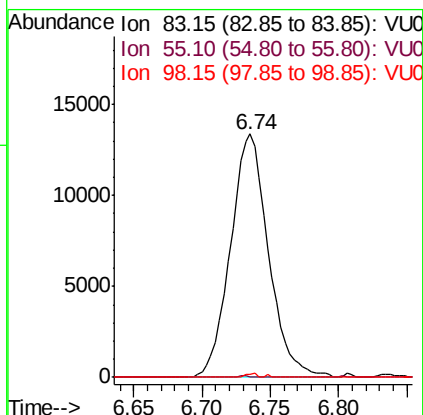
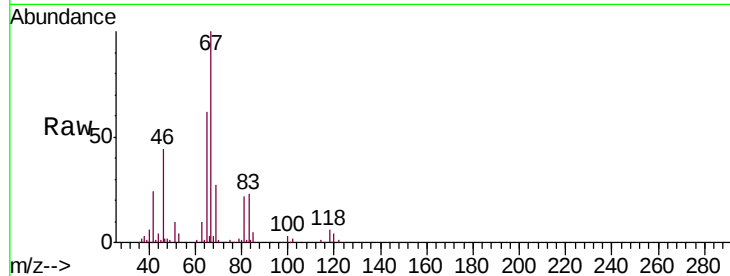




#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035723.D
Acq: 15 Nov 2019 13:50

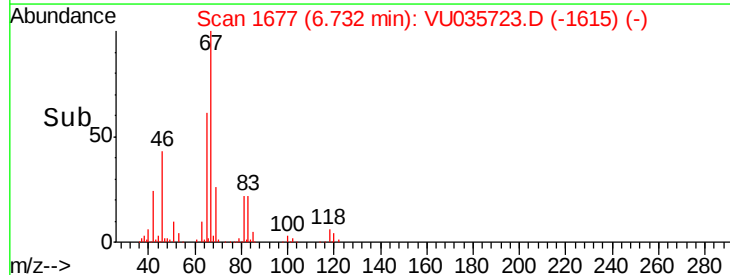
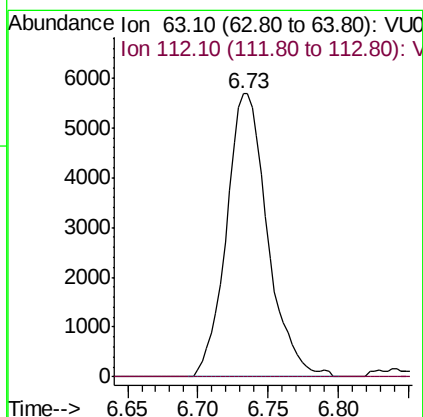
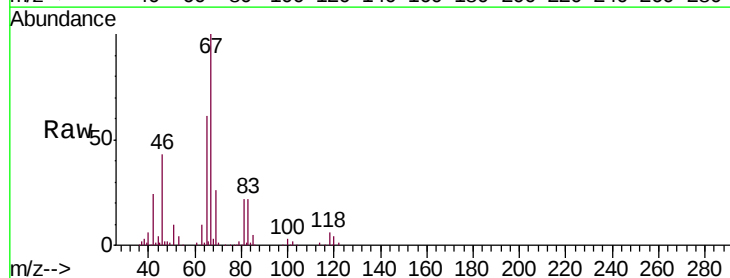
Instrument :
MSVOA_U
ClientSampleId :
F2J21

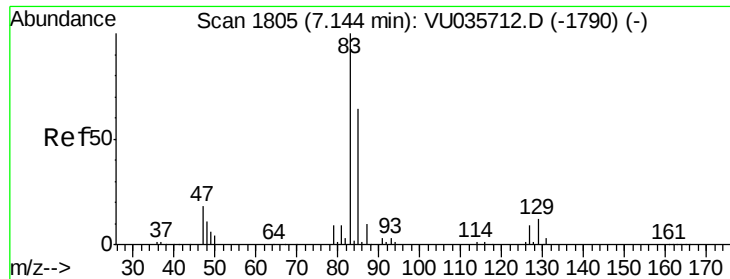
Tgt Ion: 83 Resp: 25826
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 0.4 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035723.D
Acq: 15 Nov 2019 13:50

Tgt Ion: 63 Resp: 11602
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.075 ug/L

RT: 7.15 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VU035723.D

Acq: 15 Nov 2019 13:50

Instrument :

MSVOA_U

ClientSampleId :

F2J21

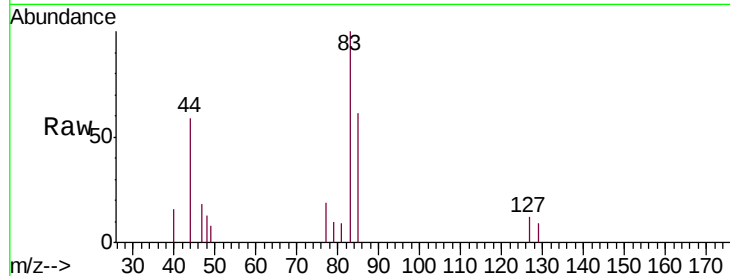
Tgt Ion: 83 Resp: 2111

Ion Ratio Lower Upper

83 100

85 61.1 44.7 82.9

127 11.8 7.1 10.7#

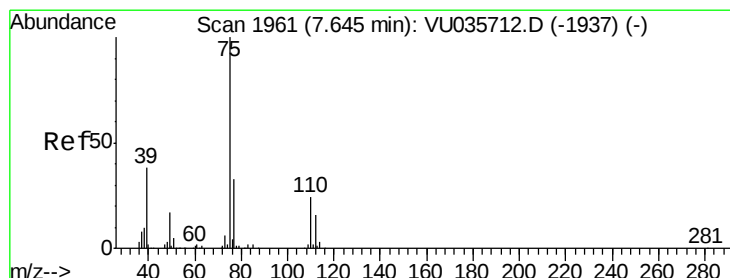
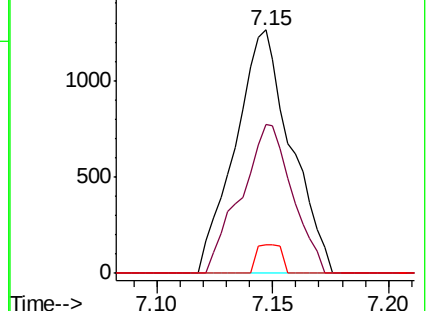
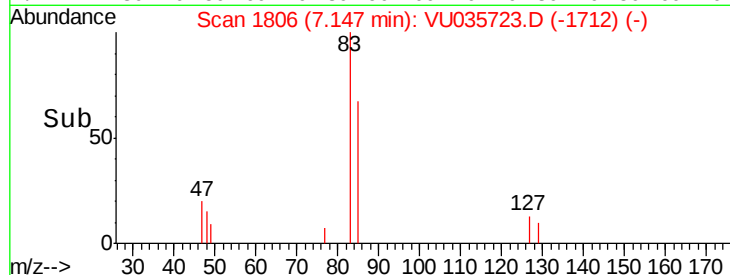


Abundance Ion 82.95 (82.65 to 83.65): VU035723.D (-1790) (-)

Ion 85.00 (84.70 to 85.70): VU035723.D (-1790) (-)

Ion 126.90 (126.60 to 127.60): VU035723.D (-1790) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035723.D

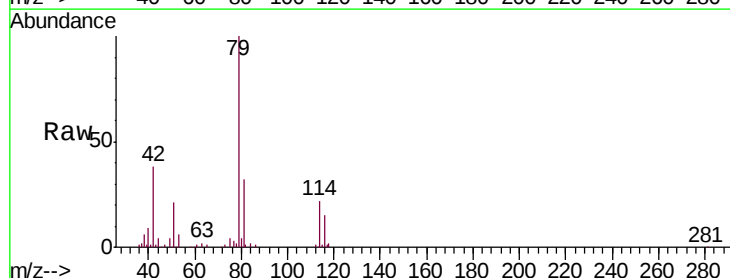
Acq: 15 Nov 2019 13:50

Tgt Ion: 75 Resp: 2525

Ion Ratio Lower Upper

75 100

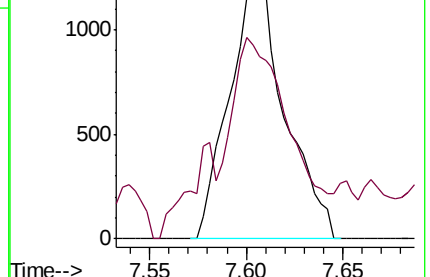
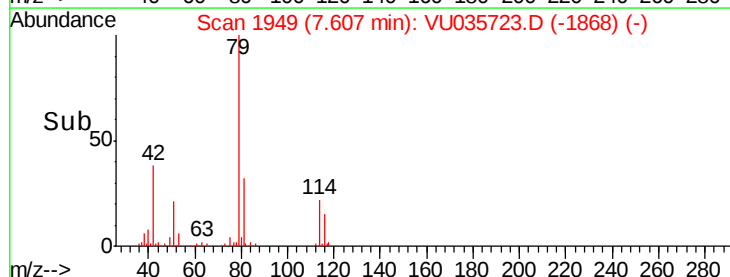
77 64.2 22.5 41.7#

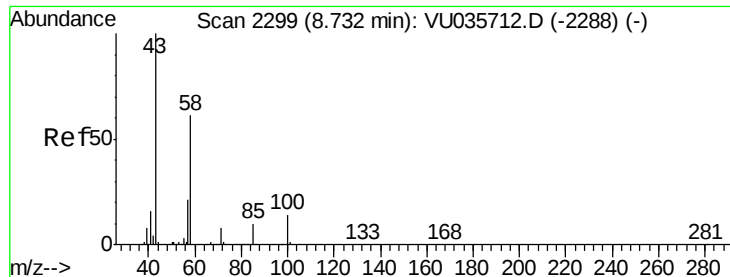


Abundance Ion 75.05 (74.75 to 75.75): VU035723.D (-1868) (-)

Ion 77.05 (76.75 to 77.75): VU035723.D (-1868) (-)

Time-->

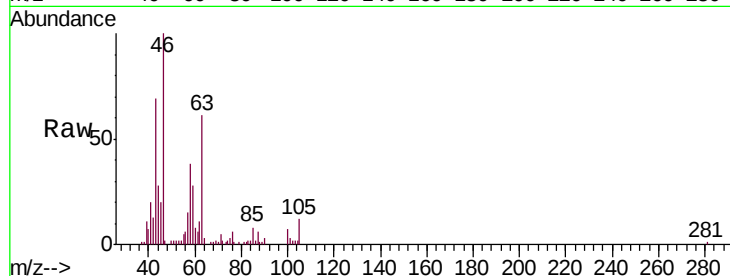




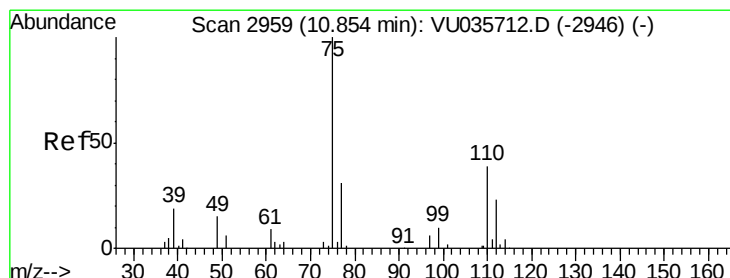
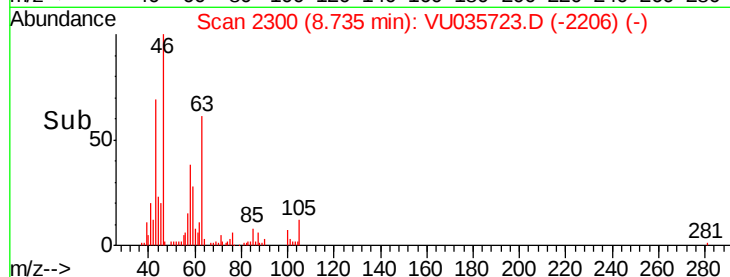
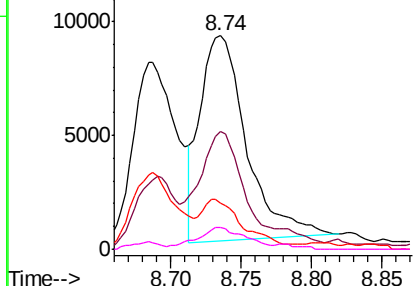
#48
2-Hexanone
Concen: 2.192 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035723.D
Acq: 15 Nov 2019 13:50

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MSVOA_U
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Tgt Ion: 43 Resp: 20791
Ion Ratio Lower Upper
43 100
58 62.7 44.1 66.1
57 22.7 15.1 22.7#
100 10.9 9.4 14.2

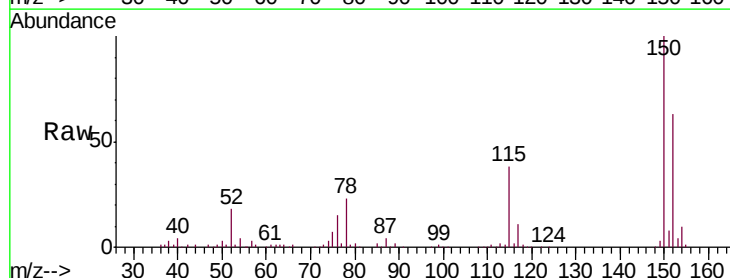


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.752 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.98 min
Lab File: VU035723.D
Acq: 15 Nov 2019 13:50

Tgt Ion: 75 Resp: 11539
Ion Ratio Lower Upper
75 100
77 34.6 26.8 40.2



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

