

Data File : VU035328.D
Acq On : 21 Oct 2019 18:03
Operator : JC/SP
Sample : VU1022WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK28

Quant Time: Oct 22 06:43:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	339545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	321038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	118431	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	124469	6.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.20%
7) Chloroethane-d5	1.93	69	110330	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	2.59	63	168889	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.70	46	270666	45.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.98%
24) Chloroform-d	5.11	84	195715	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.75	65	107411	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.77	84	428541	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
36) 1,2-Dichloropropane-d6	6.74	67	131293	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	7.93	98	390189	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
43) trans-1,3-Dichloropropene-	8.22	79	51400	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.69	63	218833	43.86	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99086	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	115186	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

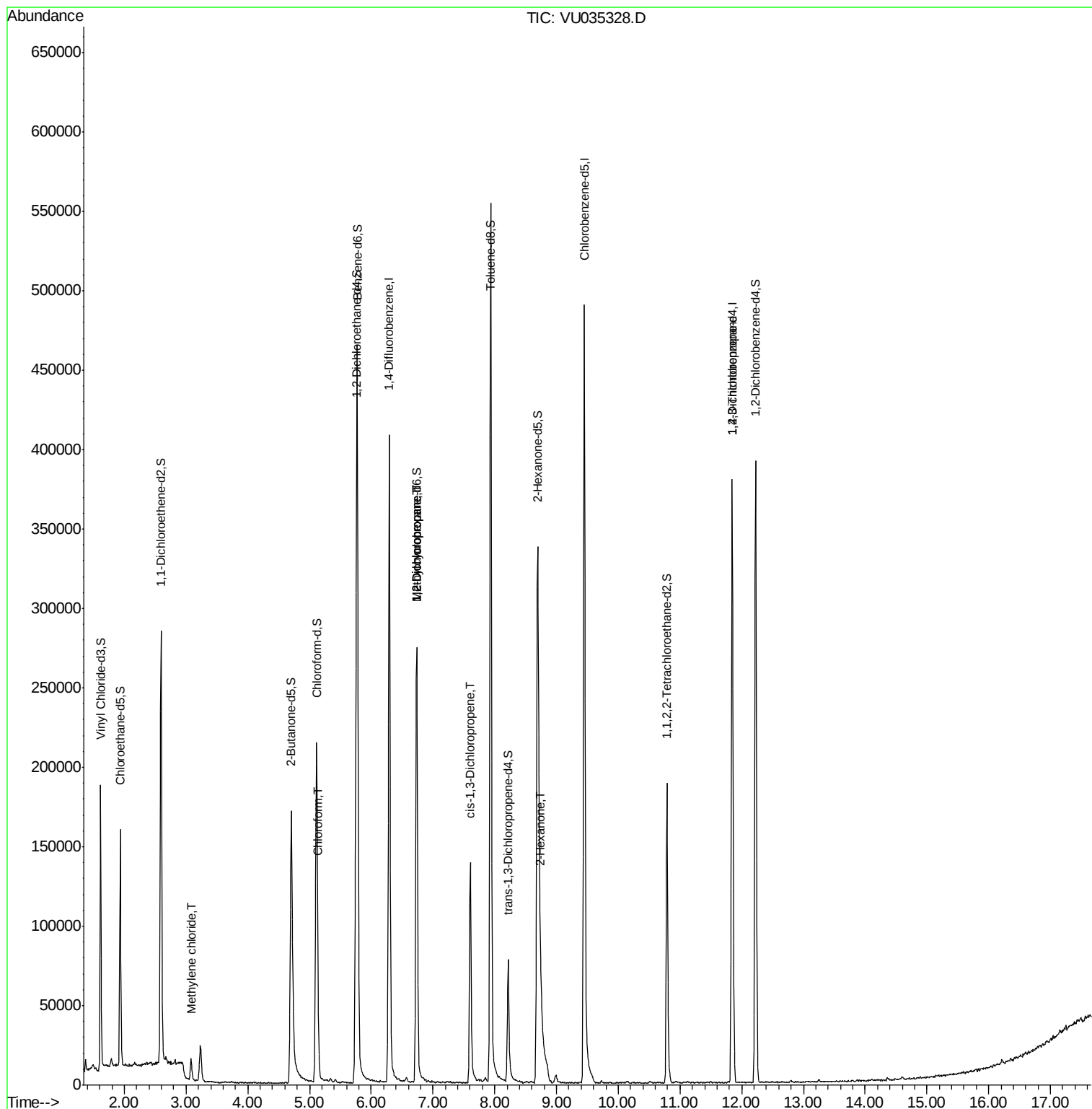
					Qvalue
16) Methylene chloride	3.08	84	6363	0.242 ug/L	98
25) Chloroform	5.14	83	12010	0.257 ug/L	95
35) Methylcyclohexane	6.74	83	31183	0.735 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15017	0.626 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3862	0.096 ug/L #	61
48) 2-Hexanone	8.74	43	15463	1.362 ug/L #	96
59) 1,2,3-Trichloropropane	11.84	75	14288	0.855 ug/L	89

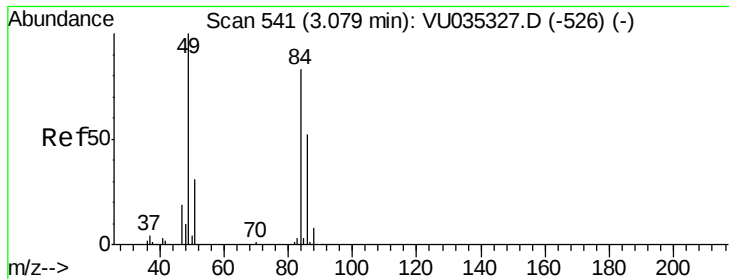
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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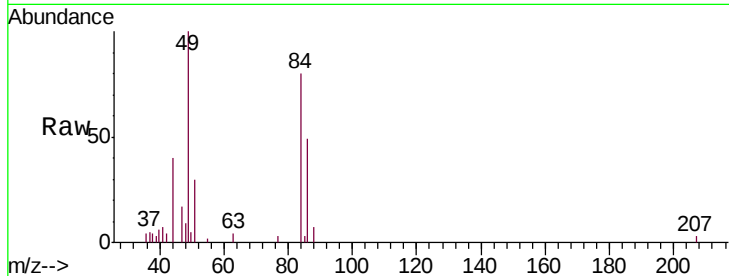




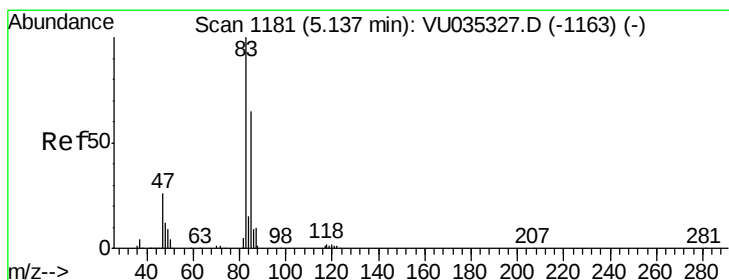
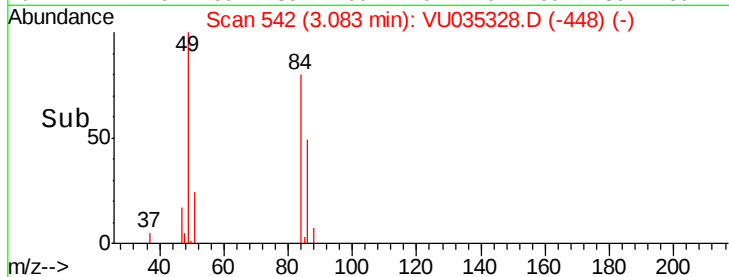
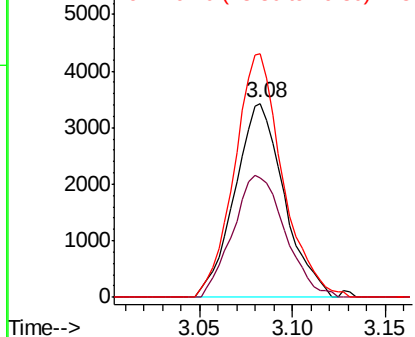
#16
Methylene chloride
Concen: 0.242 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035328.D
Acq: 21 Oct 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK28

Tgt Ion: 84 Resp: 6363
Ion Ratio Lower Upper
84 100
86 61.5 45.4 84.2
49 125.6 86.8 161.2

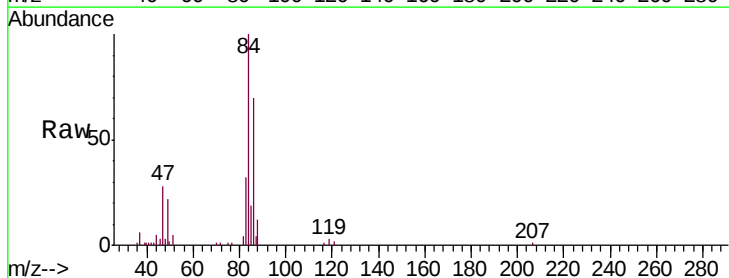


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

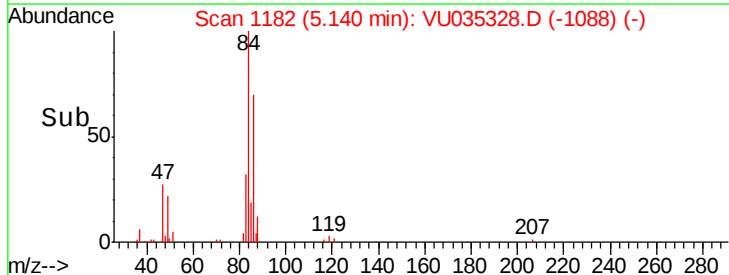
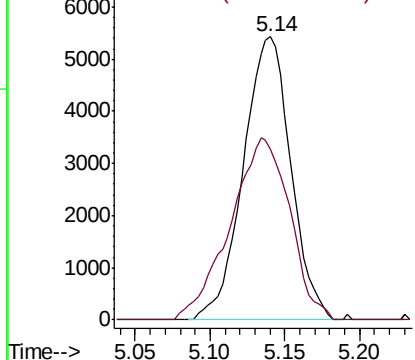


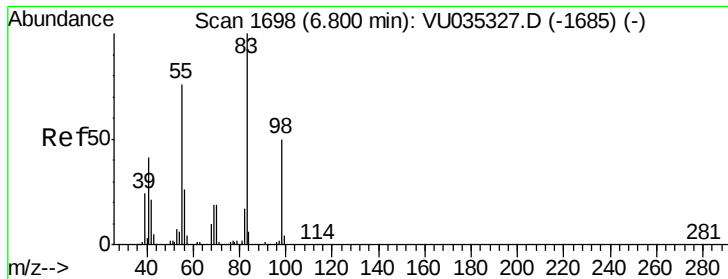
#25
Chloroform
Concen: 0.257 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035328.D
Acq: 21 Oct 2019 18:03

Tgt Ion: 83 Resp: 12010
Ion Ratio Lower Upper
83 100
85 60.3 45.1 83.9



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

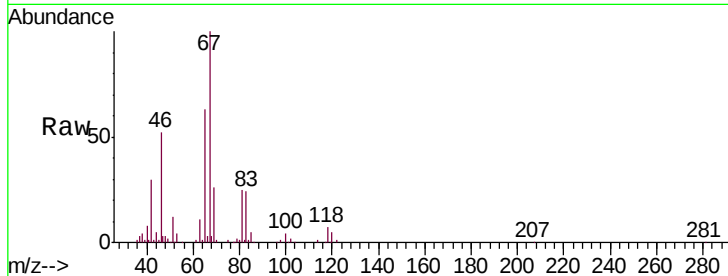




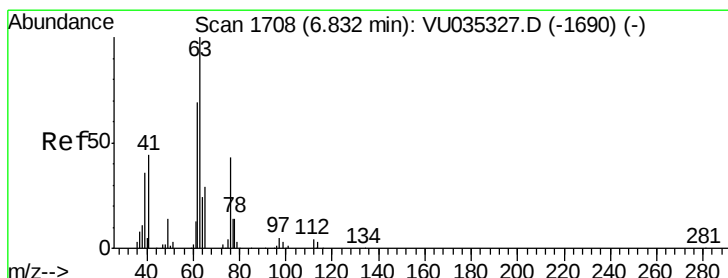
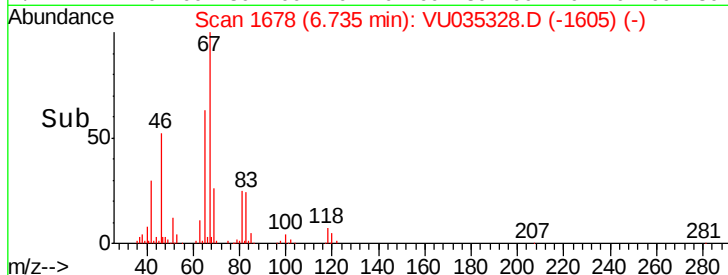
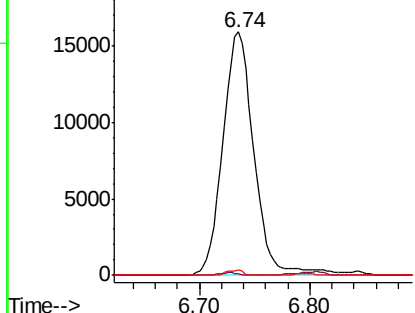
#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035328.D
Acq: 21 Oct 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
VBLK28

Tgt Ion: 83 Resp: 31183
Ion Ratio Lower Upper
83 100
55 0.6 60.4 90.6#
98 1.1 39.5 59.3#

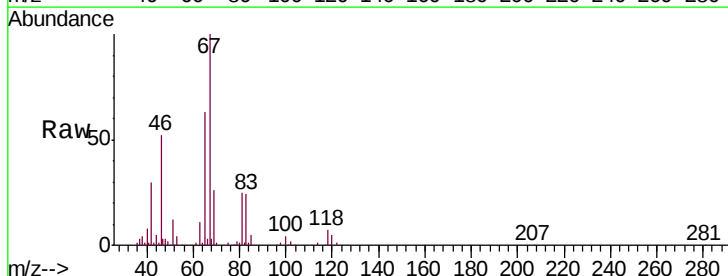


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

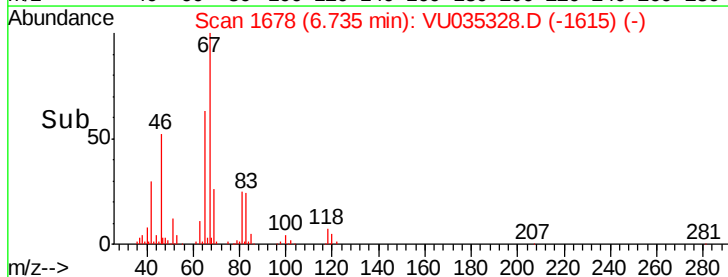
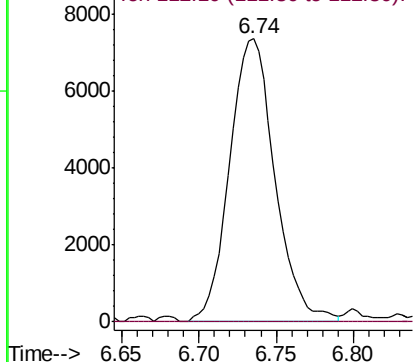


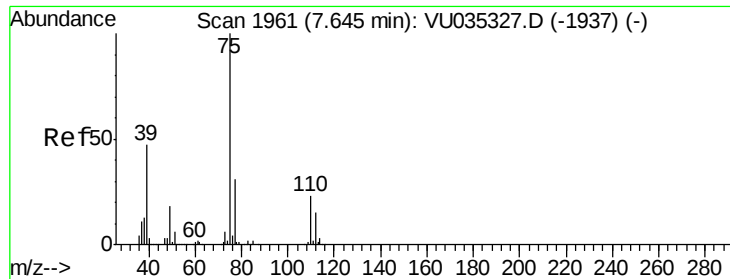
#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035328.D
Acq: 21 Oct 2019 18:03

Tgt Ion: 63 Resp: 15017
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

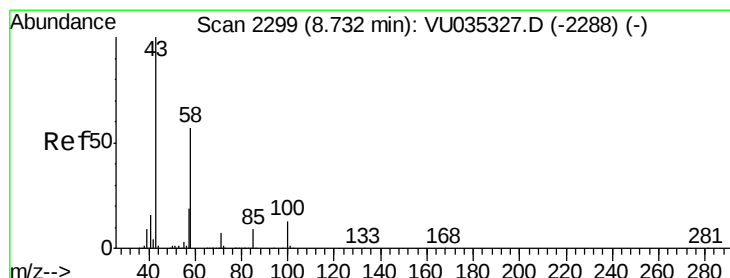
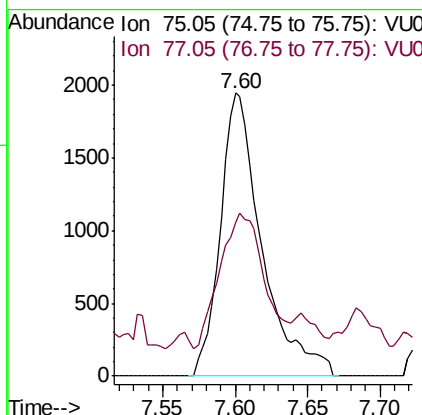
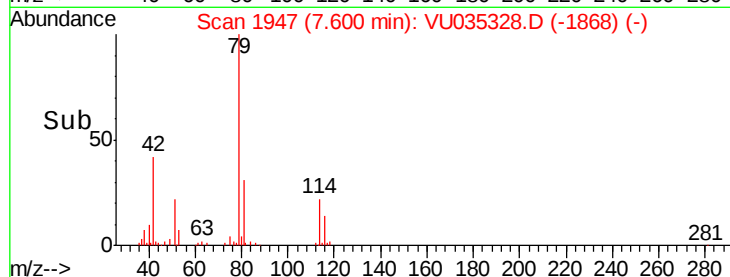
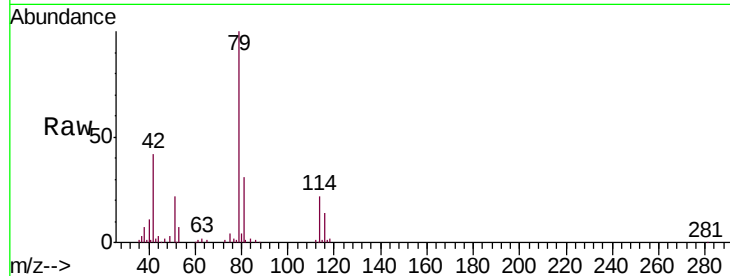




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.05 min
 Lab File: VU035328.D
 Acq: 21 Oct 2019 18:03

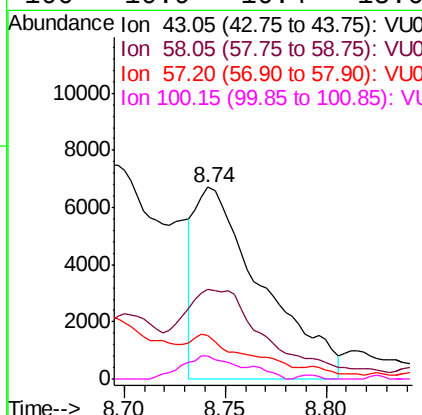
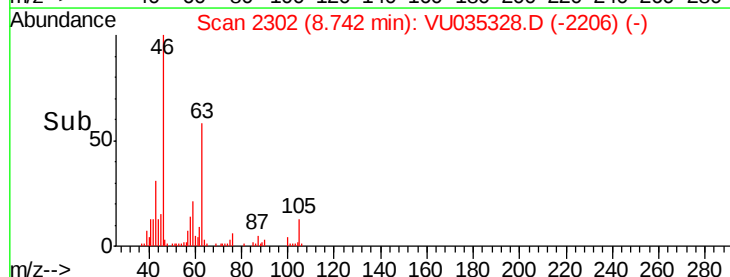
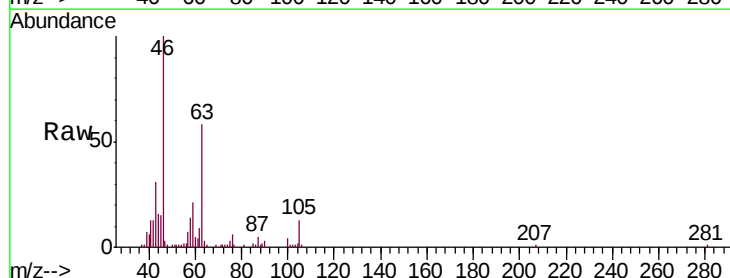
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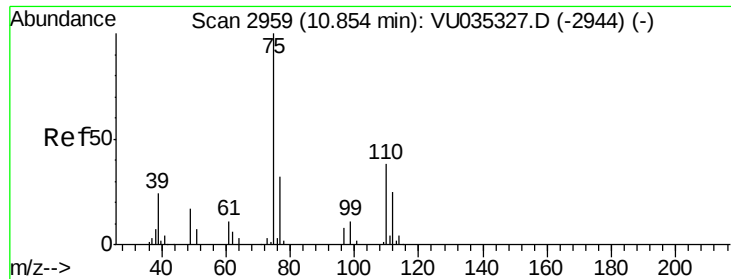
Tgt Ion: 75 Resp: 3862
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.7 42.1#



#48
 2-Hexanone
 Concen: 1.362 ug/L
 RT: 8.74 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: VU035328.D
 Acq: 21 Oct 2019 18:03

Tgt Ion: 43 Resp: 15463
 Ion Ratio Lower Upper
 43 100
 58 55.4 45.1 67.7
 57 14.2 16.0 24.0#
 100 10.9 10.4 15.6





#59

1,2,3-Trichloropropane

Concen: 0.855 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035328.D

Acq: 21 Oct 2019 18:03

Instrument :

MSVOA_U

ClientSampleId :

VBLK28

Tgt Ion: 75 Resp: 14288

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.2

