

Data File : VU034932.D
Acq On : 04 Oct 2019 13:35
Operator : JC/SP
Sample : K5196-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0K05

Quant Time: Oct 05 00:33:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	213427	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	211218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	93211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69167	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	59608	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.26	63	96627	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.17	46	172492	40.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.20%
24) Chloroform-d	4.62	84	123151	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.29	65	67812	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.32	84	248400	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.31	67	81774	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.54	98	228907	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.83	79	27690	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.30	63	140960	44.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	64534	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	81745	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

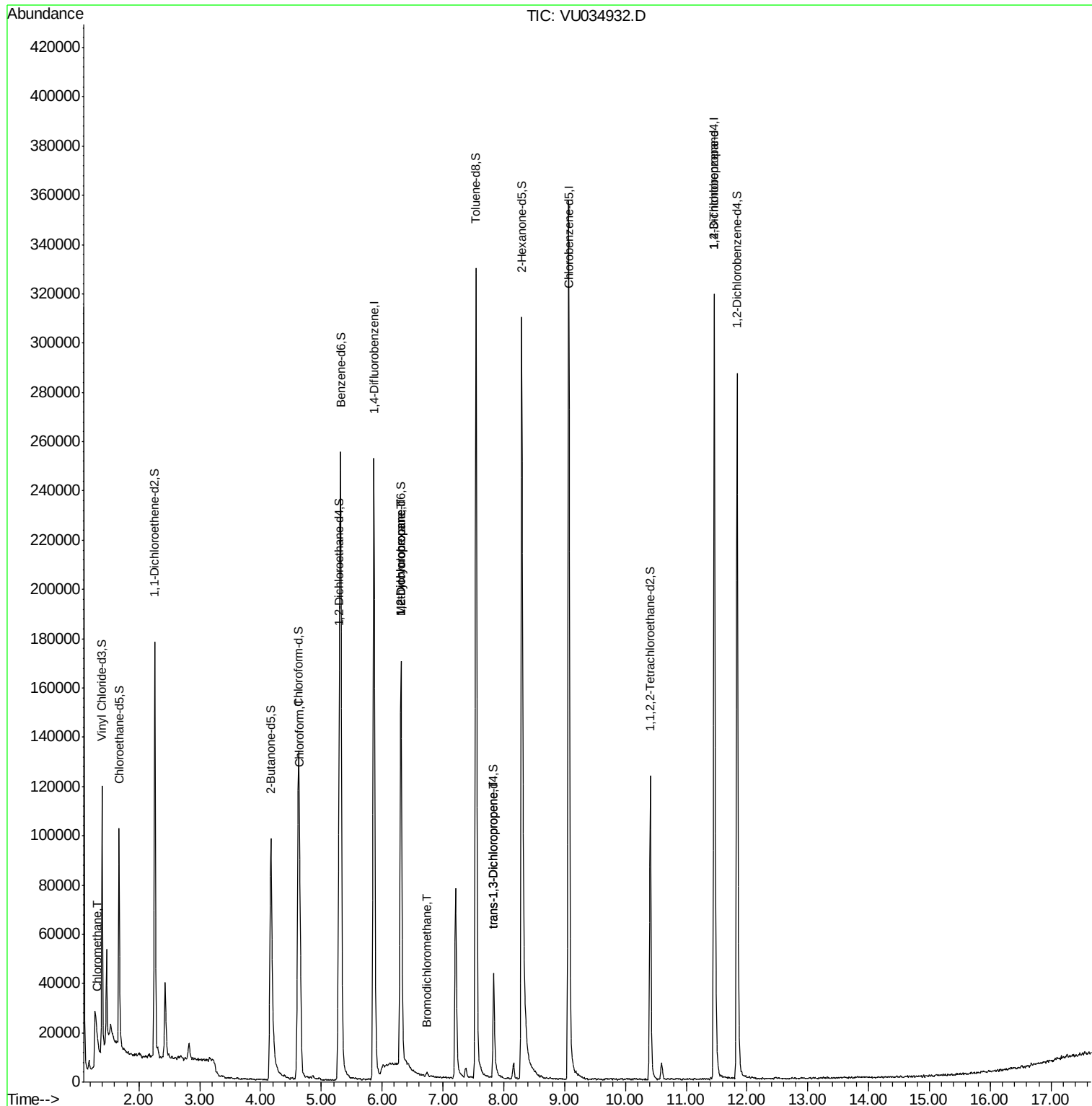
					Qvalue
3) Chloromethane	1.32	50	2006	0.195 ug/L	95
25) Chloroform	4.65	83	43510	1.587 ug/L	98
35) Methylcyclohexane	6.31	83	18535	1.323 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	9254	0.639 ug/L #	90
38) Bromodichloromethane	6.74	83	1331	0.074 ug/L #	90
44) trans-1,3-Dichloropropene	7.84	75	1313	0.084 ug/L #	72
59) 1,2,3-Trichloropropene	11.46	75	11440	1.104 ug/L	91

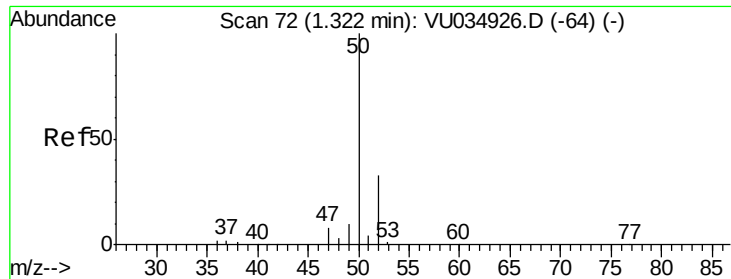
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.195 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034932.D

Acq: 04 Oct 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

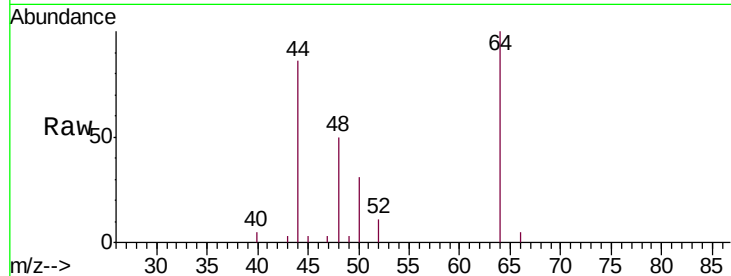
C0K05

Tgt Ion: 50 Resp: 2006

Ion Ratio Lower Upper

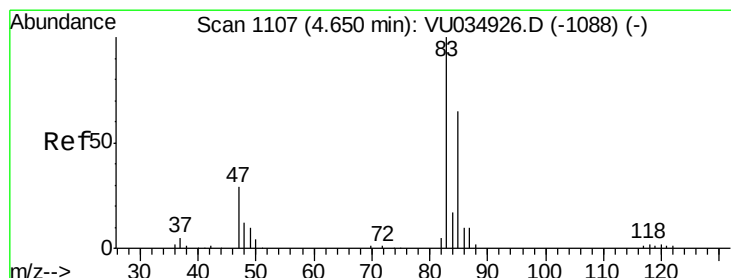
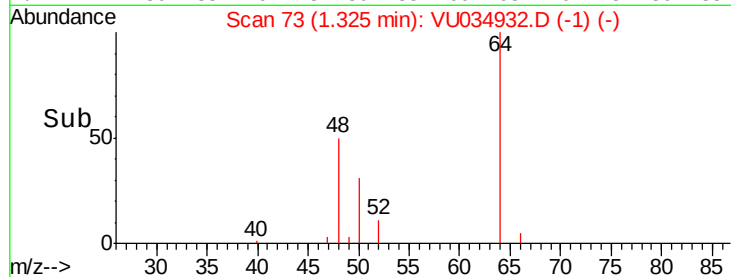
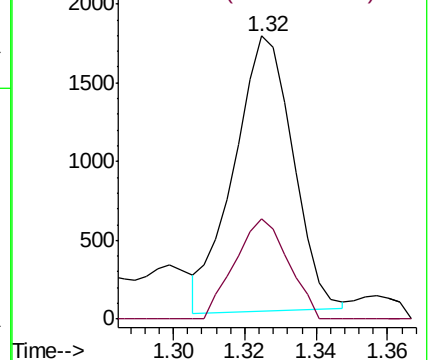
50 100

52 35.4 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VU034932.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU034932.D (-1) (-)



#25

Chloroform

Concen: 1.587 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU034932.D

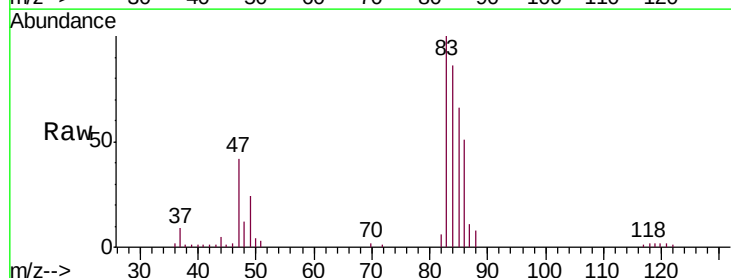
Acq: 04 Oct 2019 13:35

Tgt Ion: 83 Resp: 43510

Ion Ratio Lower Upper

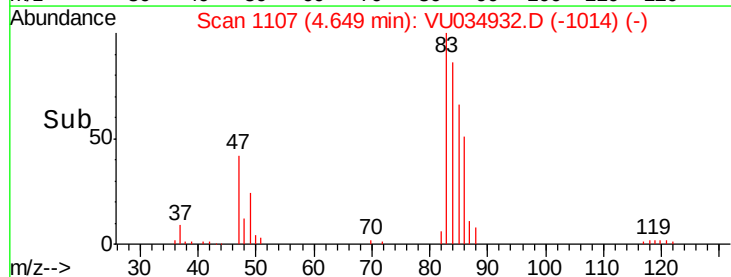
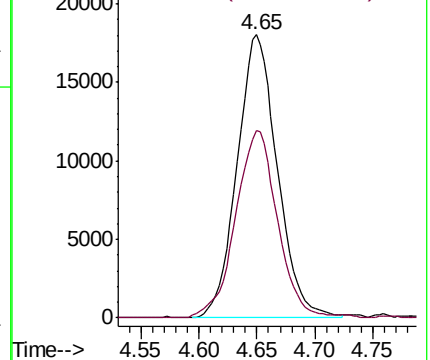
83 100

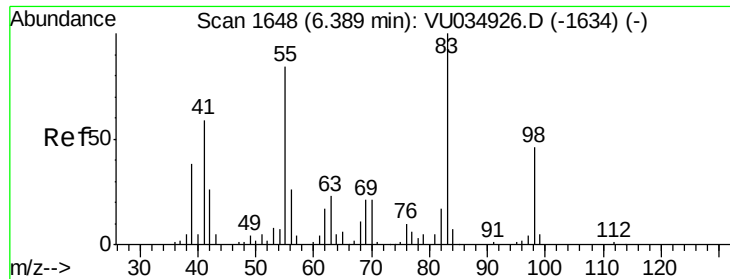
85 66.2 45.2 84.0



Abundance Ion 83.05 (82.75 to 83.75): VU034932.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VU034932.D (-1014) (-)

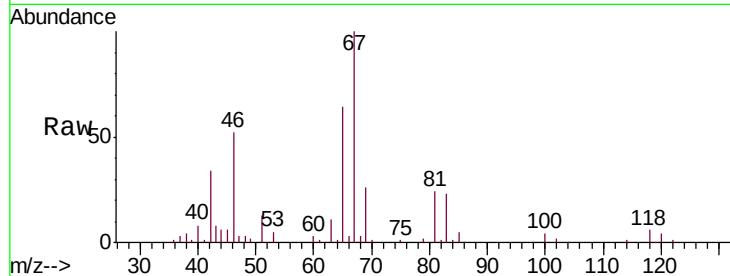




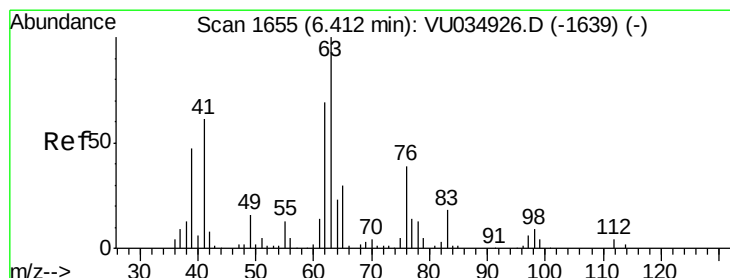
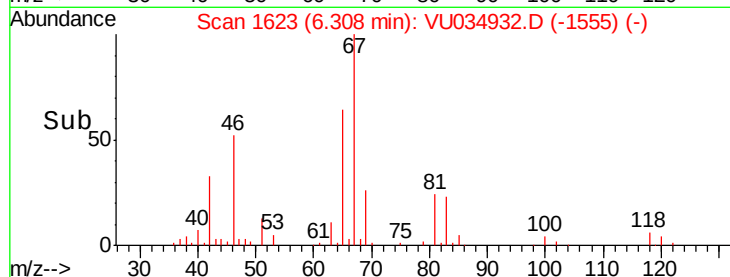
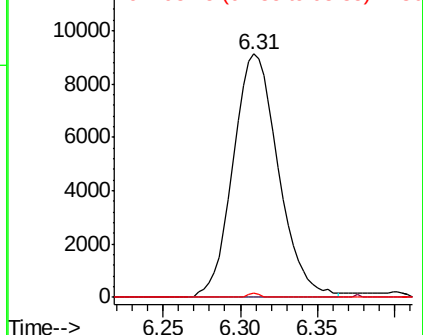
#35
Methylcyclohexane
Concen: 1.323 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034932.D
Acq: 04 Oct 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
C0K05

Tgt Ion: 83 Resp: 18535
Ion Ratio Lower Upper
83 100
55 0.1 68.9 103.3#
98 0.4 36.6 54.8#

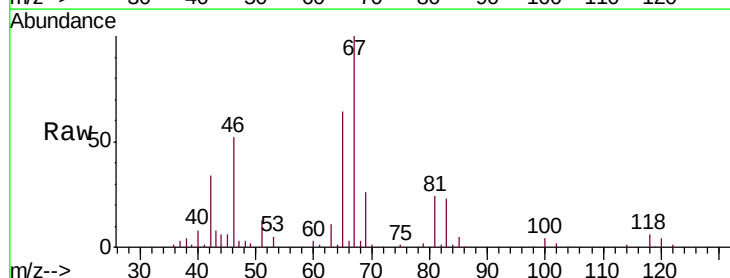


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

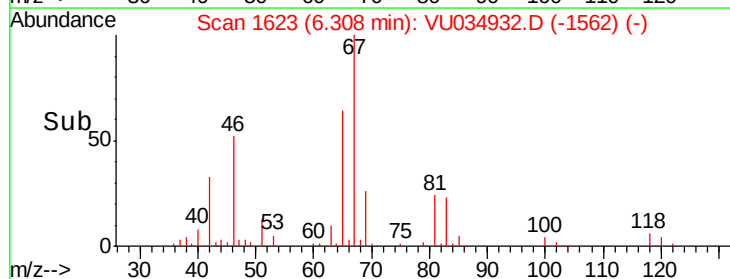
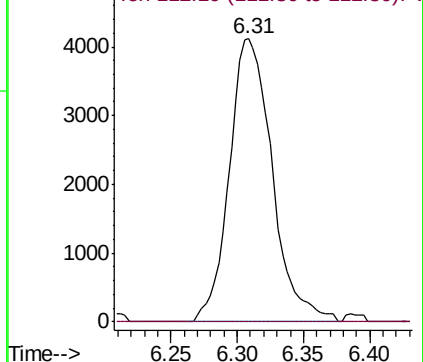


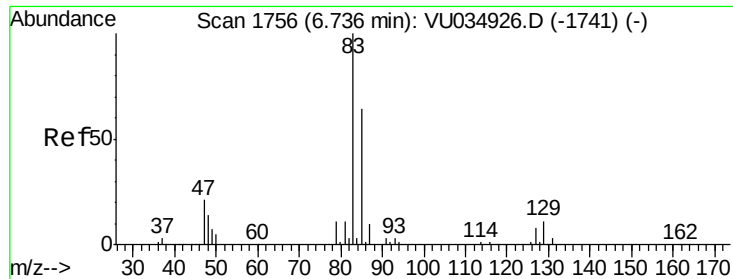
#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034932.D
Acq: 04 Oct 2019 13:35

Tgt Ion: 63 Resp: 9254
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



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

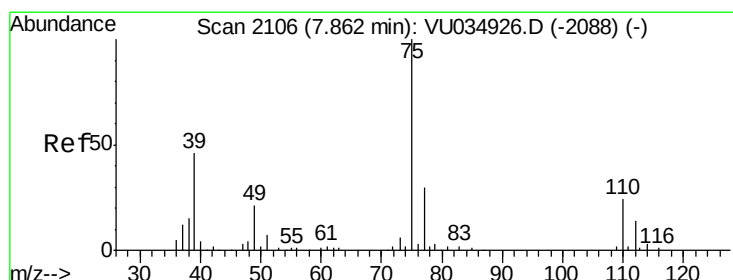
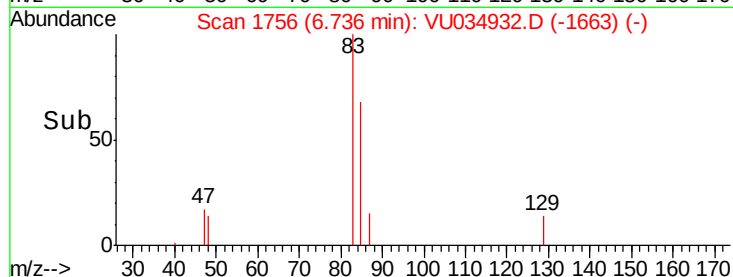
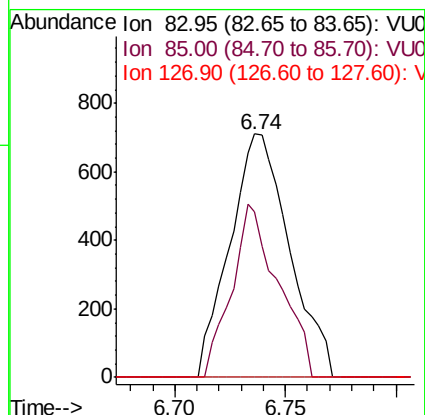
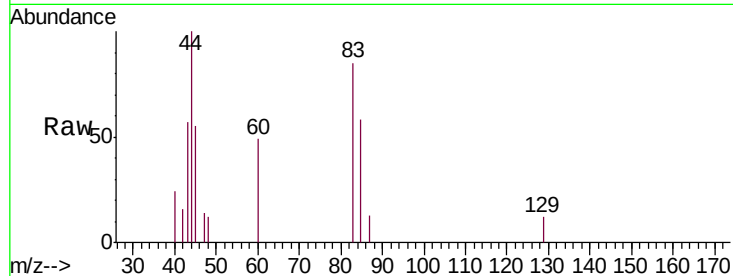




#38
 Bromodichloromethane
 Concen: 0.074 ug/L
 RT: 6.74 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VU034932.D
 Acq: 04 Oct 2019 13:35

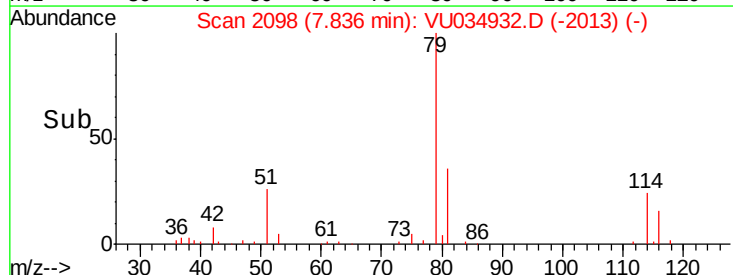
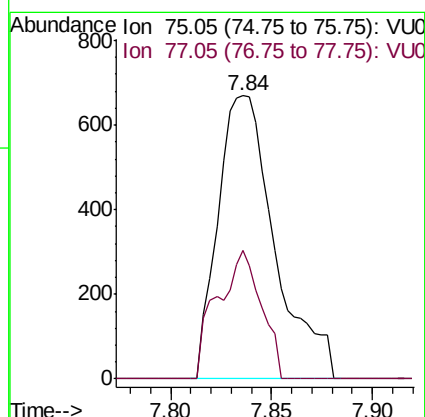
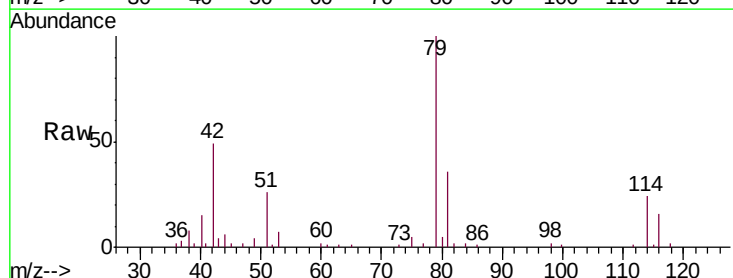
Instrument :
 MSVOA_U
 ClientSampleId :
 C0K05

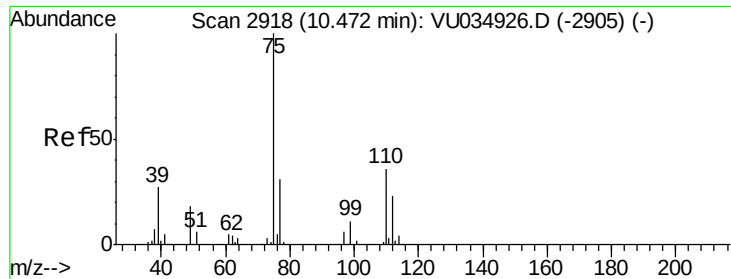
Tgt Ion: 83 Resp: 1331
 Ion Ratio Lower Upper
 83 100
 85 68.2 43.5 80.7
 127 0.0 6.2 9.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: VU034932.D
 Acq: 04 Oct 2019 13:35

Tgt Ion: 75 Resp: 1313
 Ion Ratio Lower Upper
 75 100
 77 45.3 21.2 39.4#





#59

1,2,3-Trichloropropane

Concen: 1.104 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034932.D

Acq: 04 Oct 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

C0K05

Tgt Ion: 75 Resp: 11440

Ion Ratio Lower Upper

75 100

77 38.0 26.5 39.7

