

Data File : VU034929.D
Acq On : 04 Oct 2019 12:22
Operator : JC/SP
Sample : K5201-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB5

Quant Time: Oct 05 00:32:26 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	219655	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	214399	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	92325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74242	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.68	69	64538	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.26	63	101462	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.17	46	182062	41.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.24%
24) Chloroform-d	4.62	84	126675	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.29	65	71774	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.32	84	264517	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.31	67	87578	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.54	98	245068	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.83	79	30438	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.30	63	141052	44.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	67082	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	86276	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.26	96	826	0.112	ug/L #	1
13) Acetone	2.31	43	8526	2.631	ug/L	89
14) Carbon disulfide	2.47	76	5906	0.482	ug/L #	94
15) Methyl Acetate	2.60	43	1177	0.173	ug/L #	76
35) Methylcyclohexane	6.31	83	19039	1.338	ug/L #	15
37) 1,2-Dichloropropane	6.31	63	9905	0.673	ug/L #	90
42) Toluene	7.62	91	4257	0.090	ug/L	99
44) trans-1,3-Dichloropropene	7.84	75	1411	0.089	ug/L #	75
48) 2-Hexanone	8.30	43	16093	1.902	ug/L #	73
59) 1,2,3-Trichloropropane	11.46	75	12346	1.174	ug/L	92

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

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```
ALS Vial      : 6      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
C0AB5

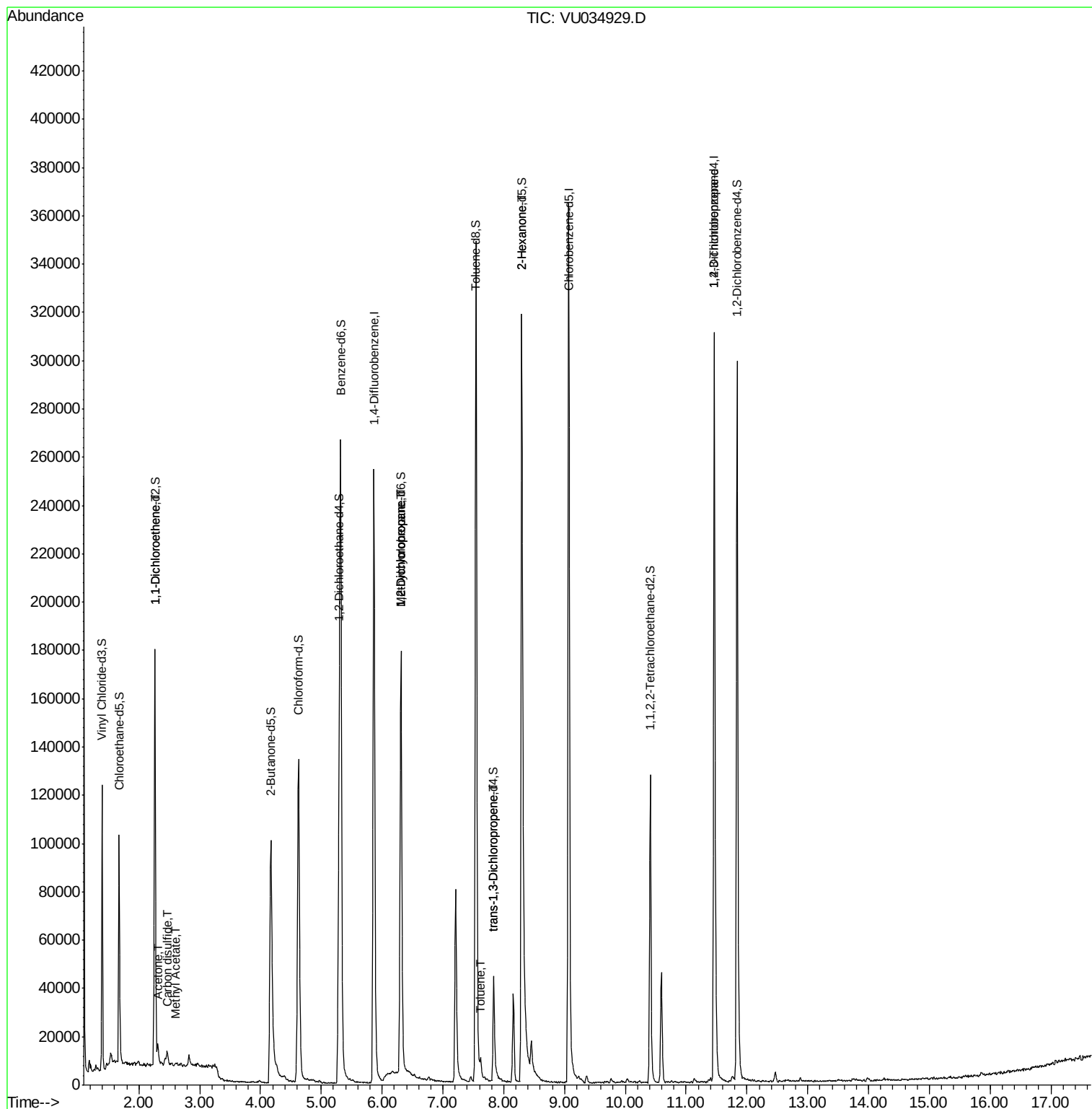
Quant Time: Oct 05 00:32:26 2019

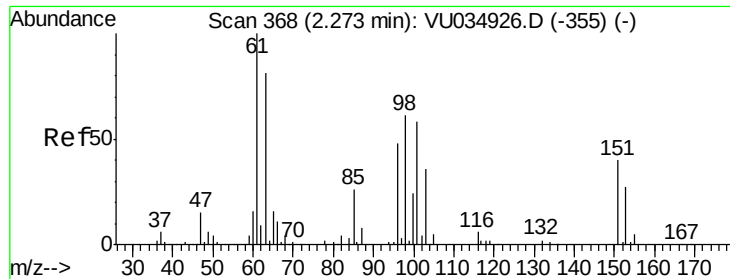
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Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Oct 05 00:29:19 2019

Response via : Initial Calibration

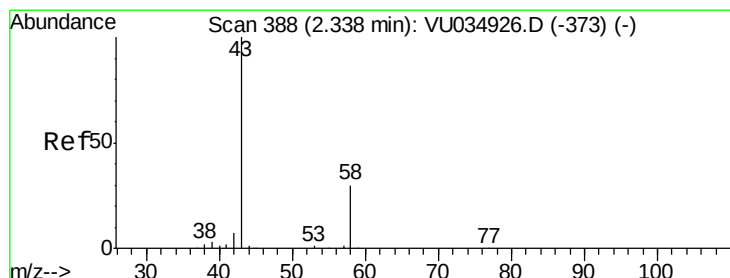
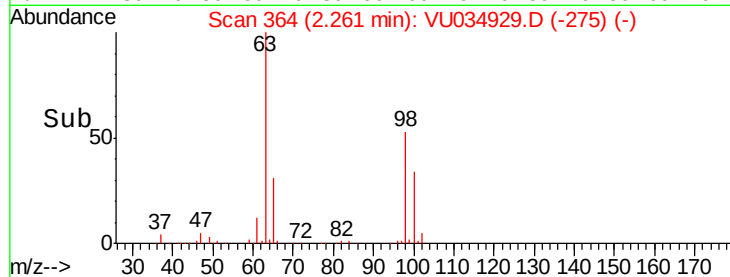
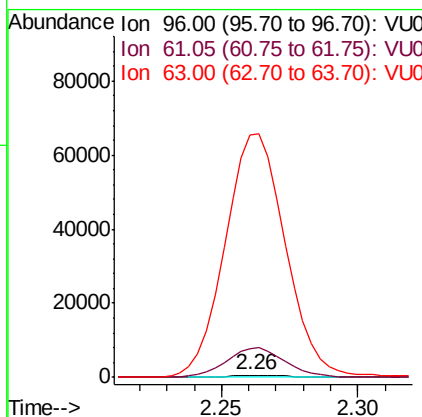
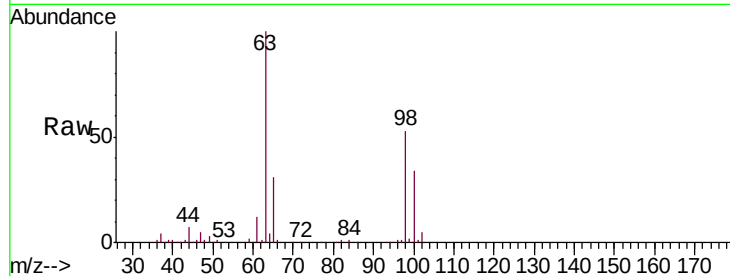




#12
 1,1-Dichloroethene
 Concen: 0.112 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU034929.D
 Acq: 04 Oct 2019 12:22

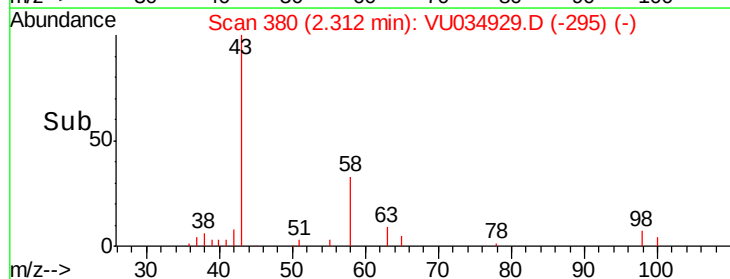
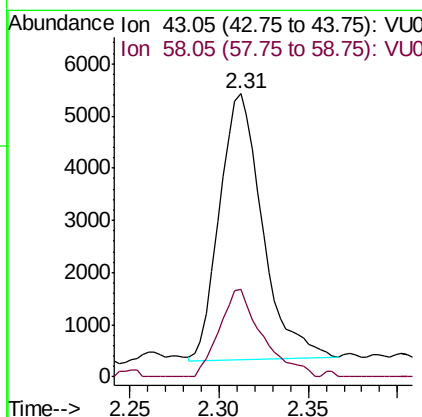
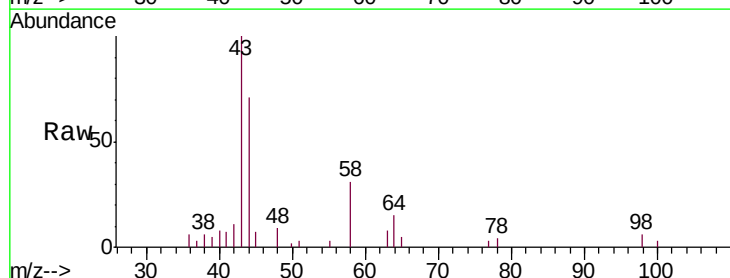
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB5

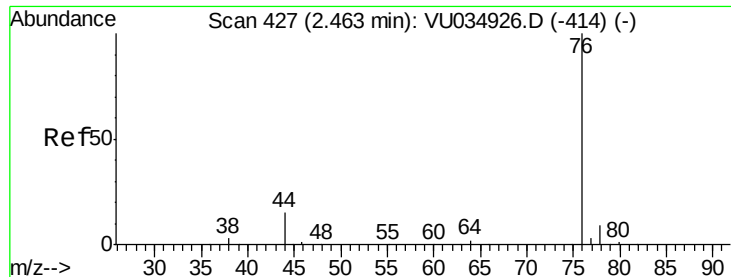
Tgt Ion: 96 Resp: 826
 Ion Ratio Lower Upper
 96 100
 61 1531.0 160.5 298.1#
 63 12778.2 162.3 301.5#



#13
 Acetone
 Concen: 2.631 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: VU034929.D
 Acq: 04 Oct 2019 12:22

Tgt Ion: 43 Resp: 8526
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 54.0





#14

Carbon disulfide

Concen: 0.482 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034929.D

Acq: 04 Oct 2019 12:22

Instrument :

MSVOA_U

ClientSampleId :

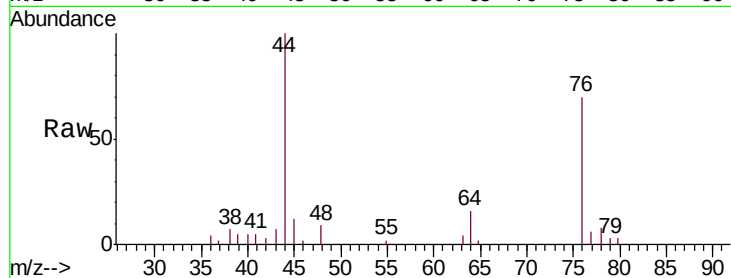
C0AB5

Tgt Ion: 76 Resp: 5906

Ion Ratio Lower Upper

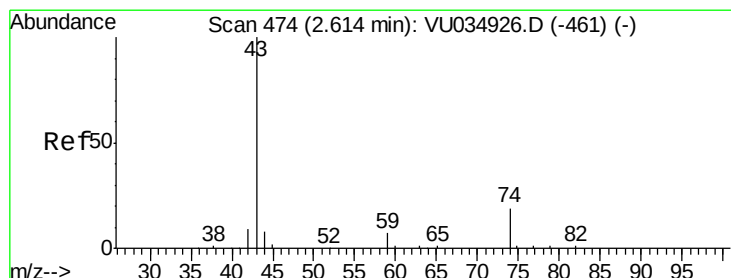
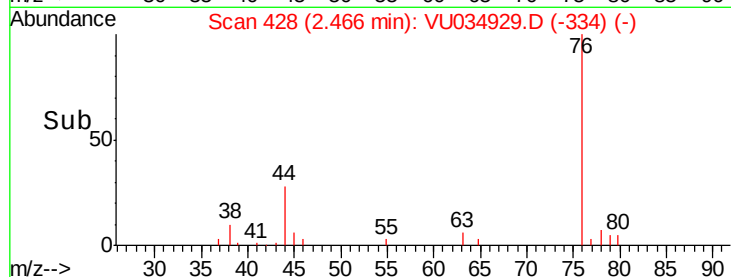
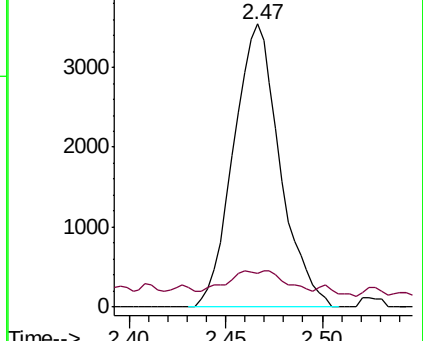
76 100

78 11.9 7.9 11.9#



Abundance Ion 76.05 (75.75 to 76.75): VU034929.D (-334) (-)

Ion 78.00 (77.70 to 78.70): VU034929.D (-334) (-)



#15

Methyl Acetate

Concen: 0.173 ug/L

RT: 2.60 min Scan# 471

Delta R.T. -0.01 min

Lab File: VU034929.D

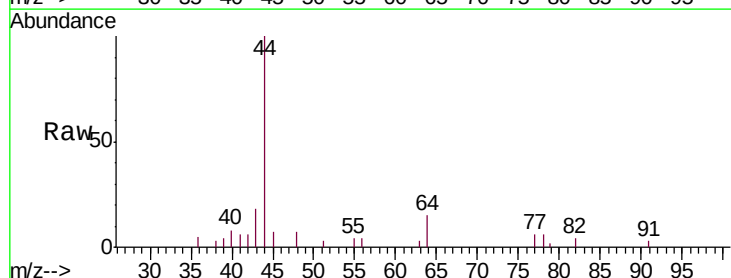
Acq: 04 Oct 2019 12:22

Tgt Ion: 43 Resp: 1177

Ion Ratio Lower Upper

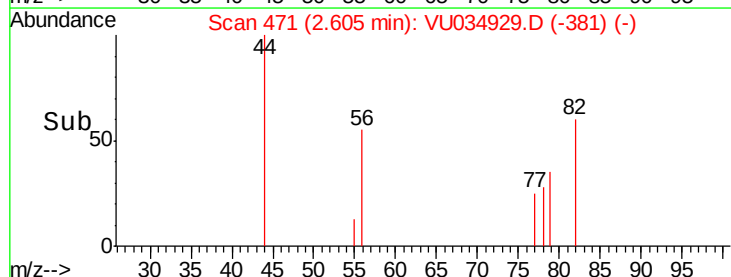
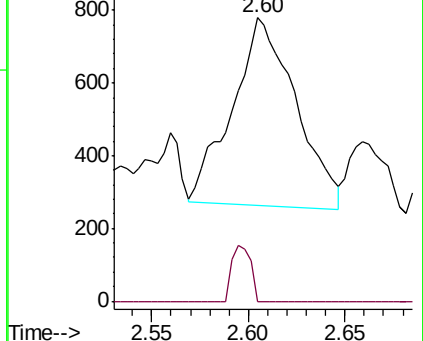
43 100

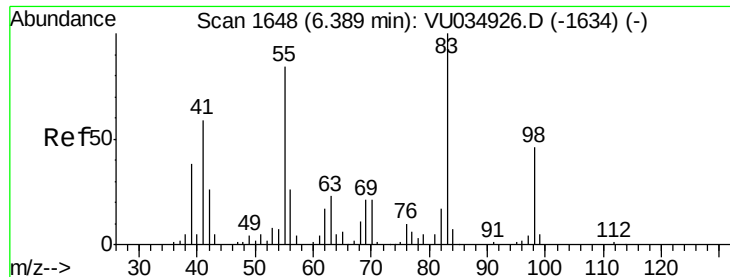
74 8.6 15.5 23.3#



Abundance Ion 43.05 (42.75 to 43.75): VU034929.D (-381) (-)

Ion 74.05 (73.75 to 74.75): VU034929.D (-381) (-)

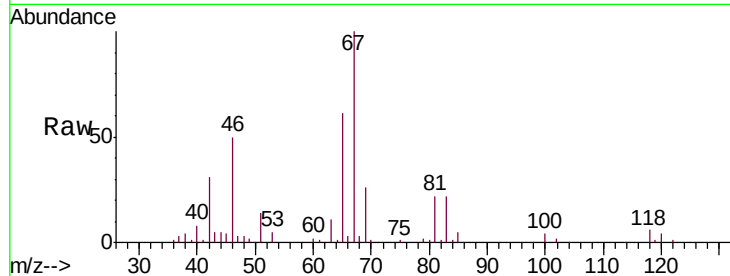




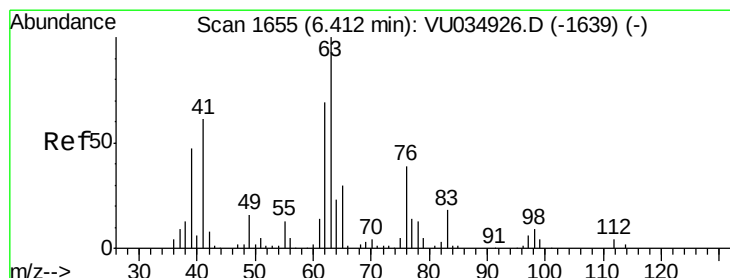
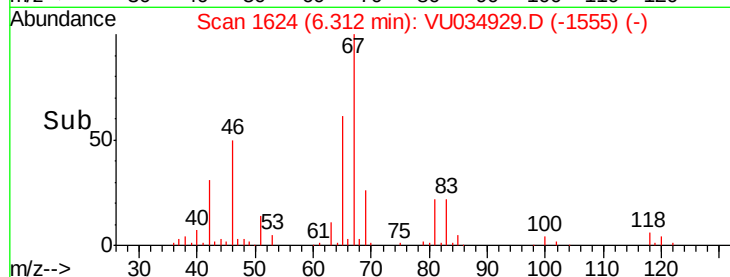
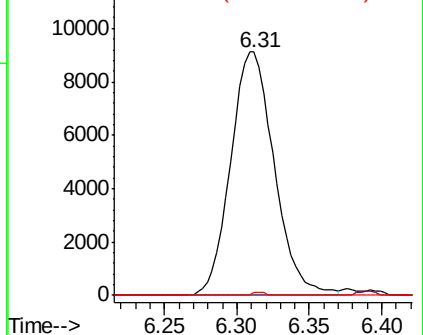
#35
Methylcyclohexane
Concen: 1.338 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034929.D
Acq: 04 Oct 2019 12:22

Instrument :
MSVOA_U
ClientSampleId :
C0AB5

Tgt Ion: 83 Resp: 19039
Ion Ratio Lower Upper
83 100
55 0.6 68.9 103.3#
98 0.3 36.6 54.8#

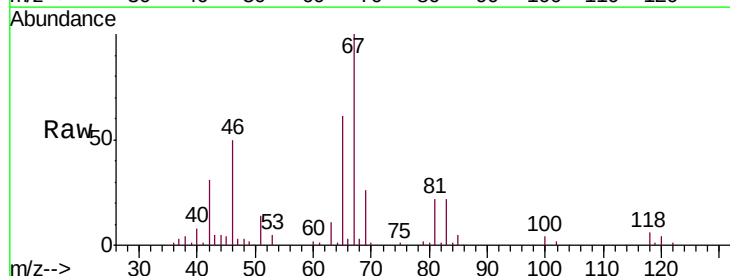


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

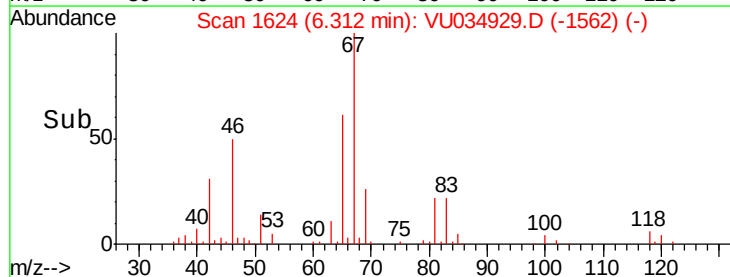
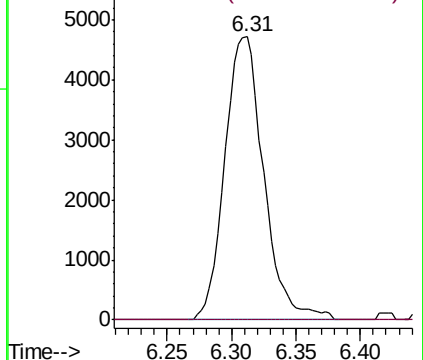


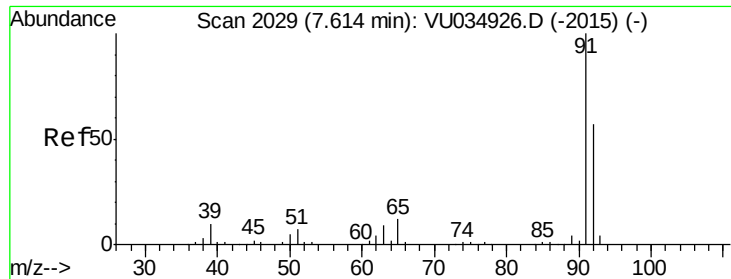
#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034929.D
Acq: 04 Oct 2019 12:22

Tgt Ion: 63 Resp: 9905
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





#42

Toluene

Concen: 0.090 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU034929.D

Acq: 04 Oct 2019 12:22

Instrument :

MSVOA_U

ClientSampleId :

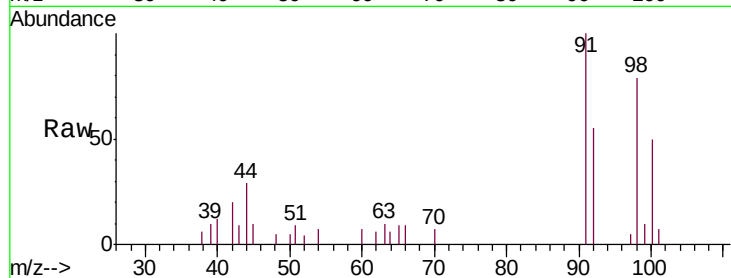
C0AB5

Tgt Ion: 91 Resp: 4257

Ion Ratio Lower Upper

91 100

92 55.1 39.3 72.9



Abundance Ion 91.15 (90.85 to 91.85): VU034926.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU034926.D (-2015) (-)

7.62

2500

2000

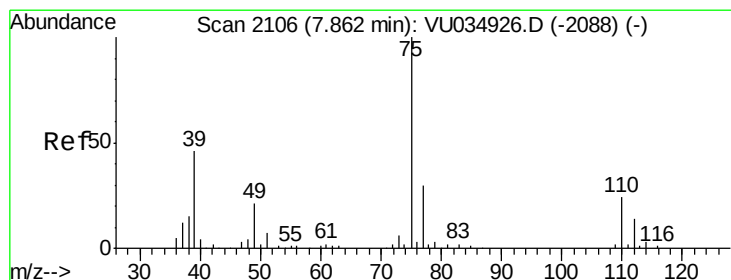
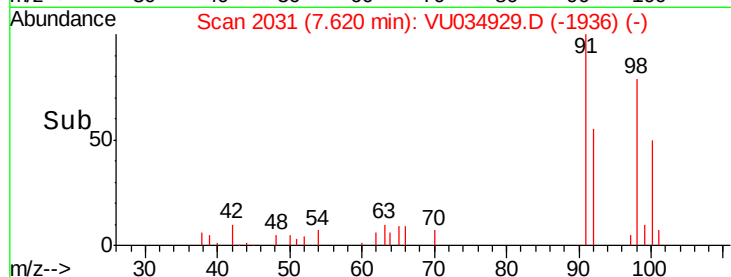
1500

1000

500

0

Time--> 7.55 7.60 7.65 7.70



#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU034929.D

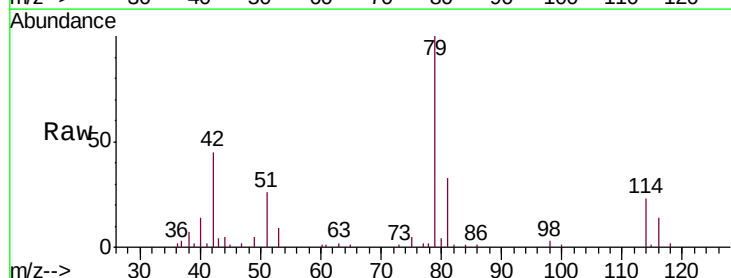
Acq: 04 Oct 2019 12:22

Tgt Ion: 75 Resp: 1411

Ion Ratio Lower Upper

75 100

77 43.7 21.2 39.4#



Abundance Ion 75.05 (74.75 to 75.75): VU034926.D (-2088) (-)

Ion 77.05 (76.75 to 77.75): VU034926.D (-2088) (-)

7.84

800

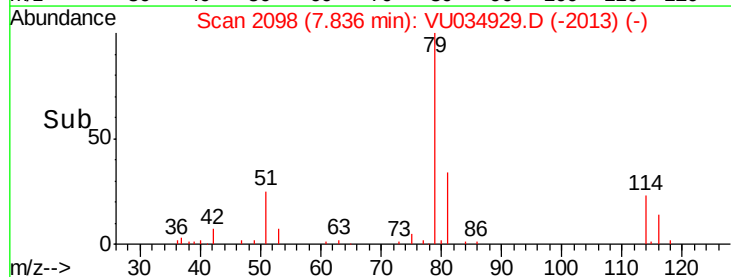
600

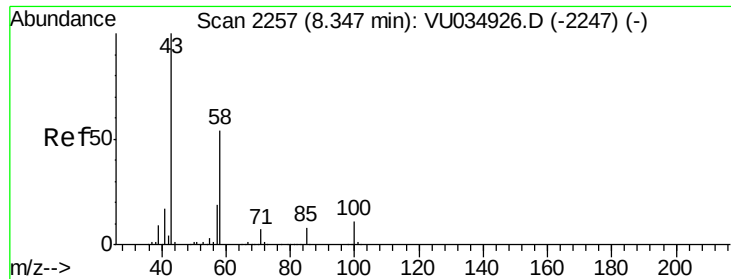
400

200

0

Time--> 7.80 7.85 7.90

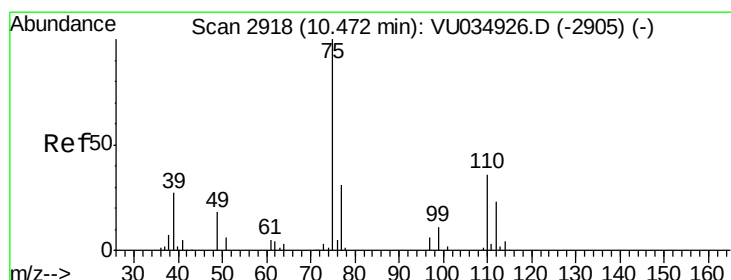
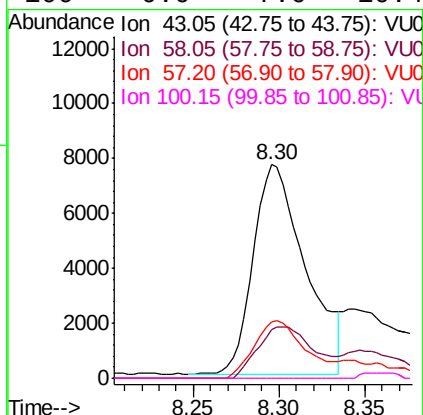
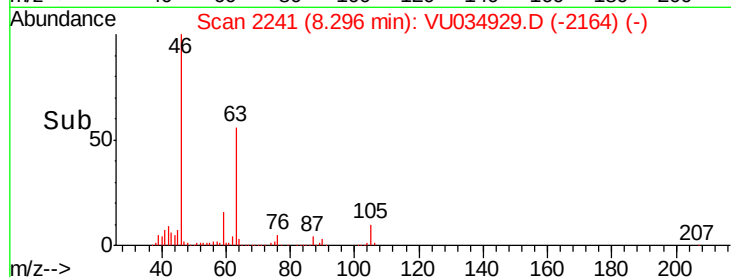
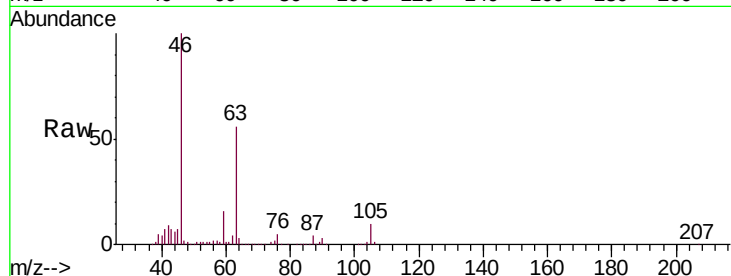




#48
 2-Hexanone
 Concen: 1.902 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU034929.D
 Acq: 04 Oct 2019 12:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB5

Tgt Ion: 43 Resp: 16093
 Ion Ratio Lower Upper
 43 100
 58 26.9 37.1 55.7#
 57 26.6 13.4 20.0#
 100 0.0 7.0 10.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.174 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034929.D
 Acq: 04 Oct 2019 12:22

Tgt Ion: 75 Resp: 12346
 Ion Ratio Lower Upper
 75 100
 77 37.5 26.5 39.7

