

Data File : VU033855.D
Acq On : 20 Aug 2019 15:44
Operator : JC/SP
Sample : K4395-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH0

Quant Time: Aug 21 05:46:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 05:39:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	192297	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	198451	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	88708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69751	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.67	69	64937	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.26	63	116839	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.16	46	144305	44.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.84%
24) Chloroform-d	4.62	84	125124	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.29	65	67788	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.31	84	244406	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.31	67	79298	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.55	98	207971	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.84	79	26797	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.30	63	90696	40.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	64564	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	85000	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

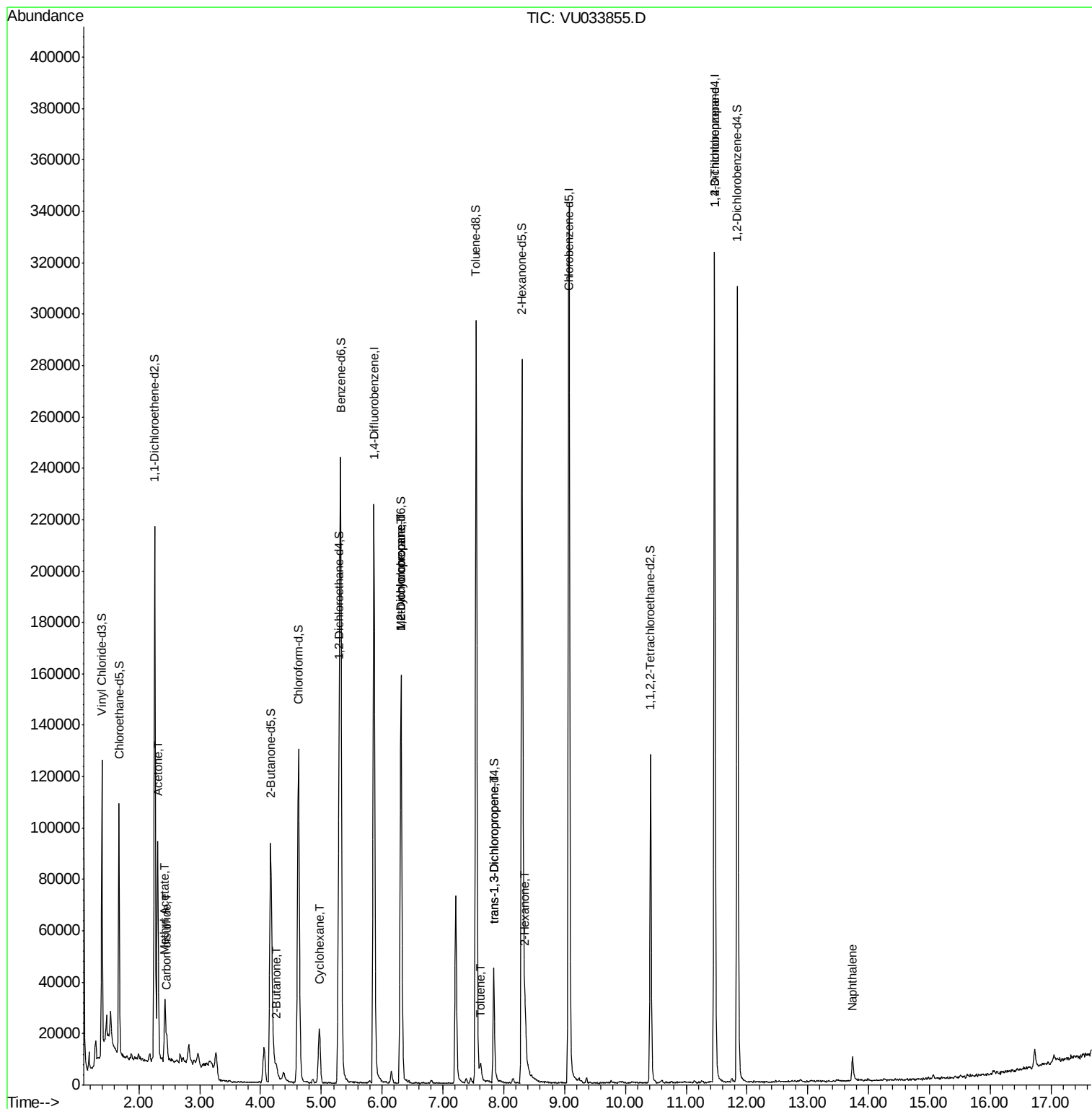
					Qvalue
13) Acetone	2.31	43	86080	34.658 ug/L	100
14) Carbon disulfide	2.46	76	8529	0.187 ug/L #	93
15) Methyl Acetate	2.43	43	6218	0.999 ug/L #	52
21) 2-Butanone	4.26	43	5291	1.987 ug/L	97
30) Cyclohexane	4.97	56	9608	0.632 ug/L	97
35) Methylcyclohexane	6.31	83	17421	1.067 ug/L #	20
37) 1,2-Dichloropropane	6.31	63	8671	0.752 ug/L #	87
42) Toluene	7.62	91	4627	0.104 ug/L	80
44) trans-1,3-Dichloropropene	7.83	75	1155	0.091 ug/L	97
48) 2-Hexanone	8.35	43	12730	2.855 ug/L	95
59) 1,2,3-Trichloropropane	11.47	75	11066	1.465 ug/L	90
69) Naphthalene	13.74	128	11318	0.716 ug/L	96

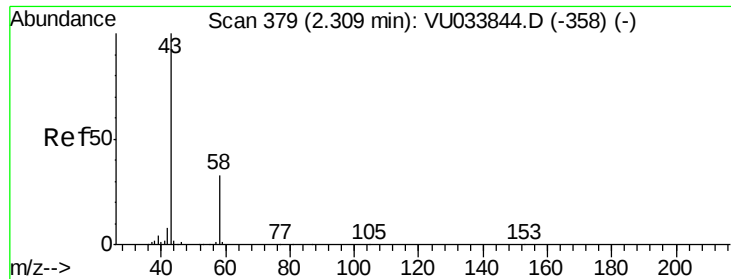
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.658 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU033855.D

Acq: 20 Aug 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

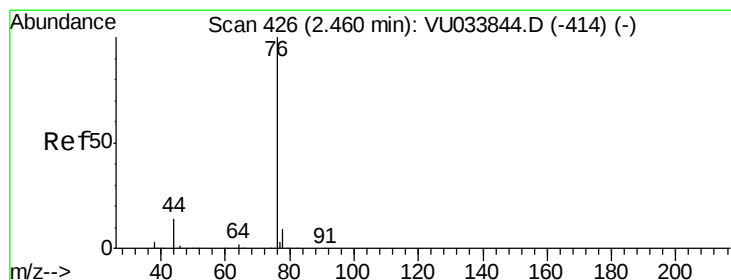
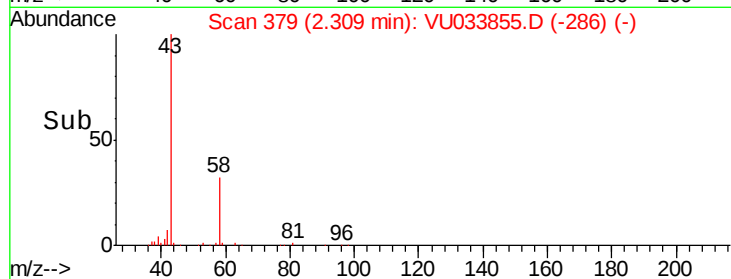
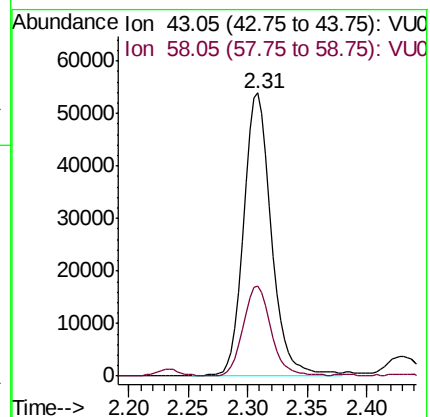
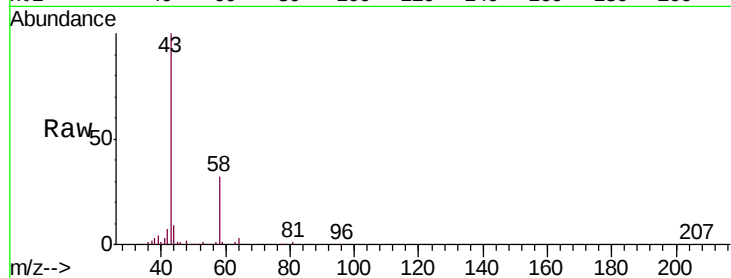
C0AH0

Tgt Ion: 43 Resp: 86080

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.4



#14

Carbon disulfide

Concen: 0.187 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033855.D

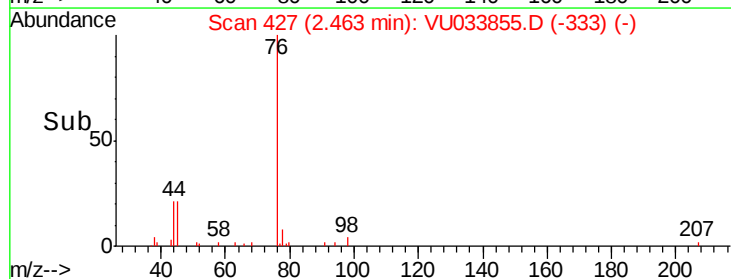
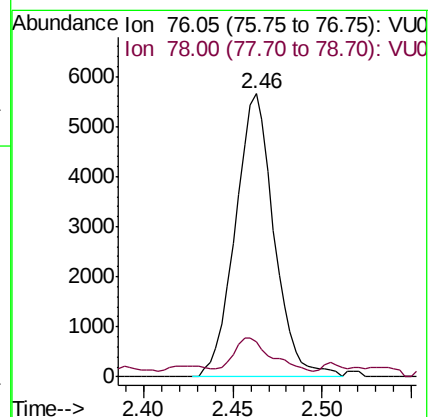
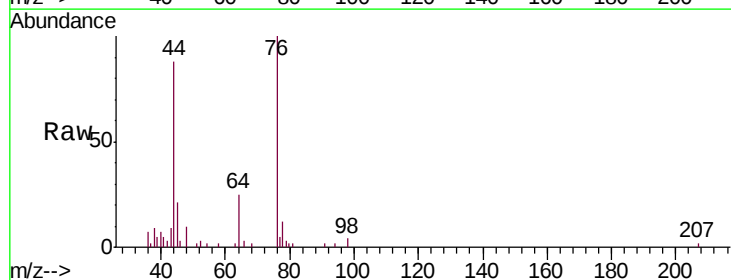
Acq: 20 Aug 2019 15:44

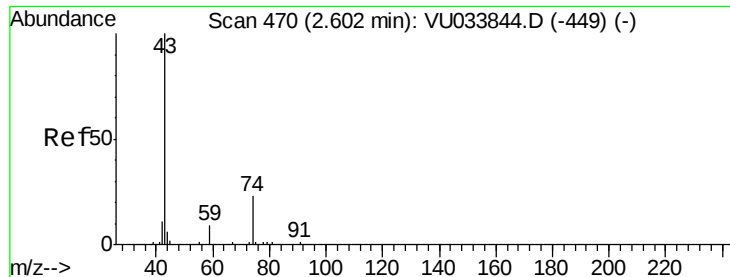
Tgt Ion: 76 Resp: 8529

Ion Ratio Lower Upper

76 100

78 12.3 7.7 11.5#

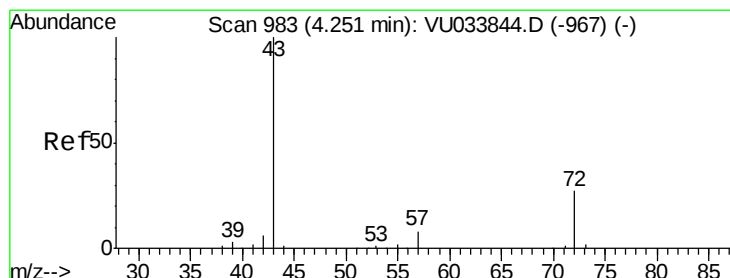
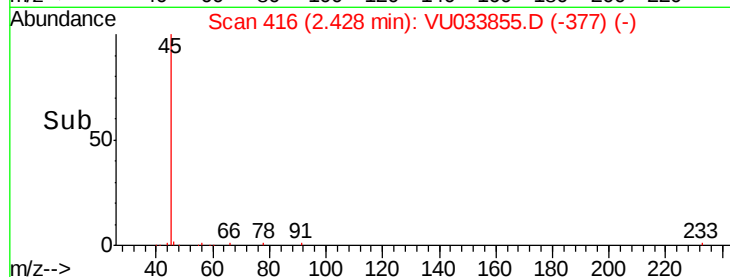
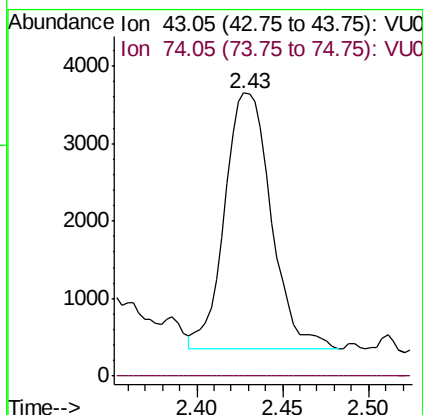
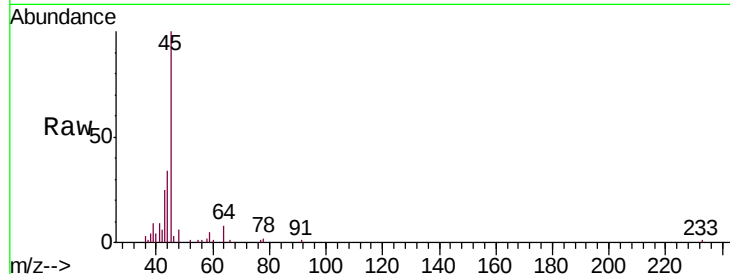




#15
Methyl Acetate
Concen: 0.999 ug/L
RT: 2.43 min Scan# 416
Delta R.T. -0.17 min
Lab File: VU033855.D
Acq: 20 Aug 2019 15:44

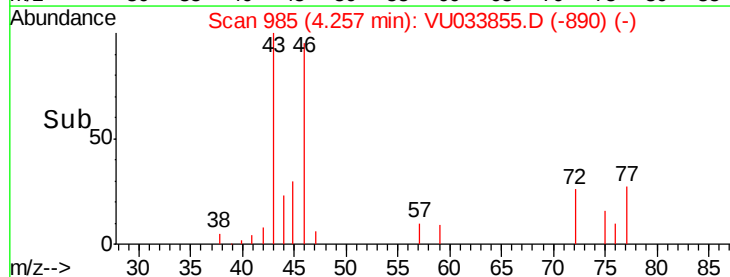
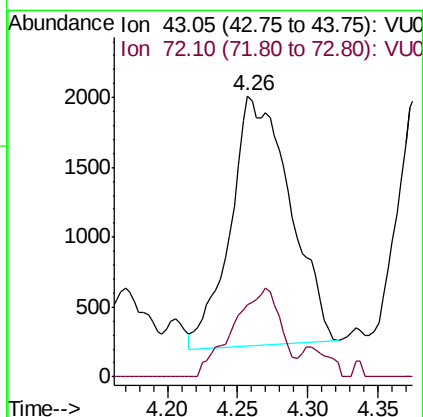
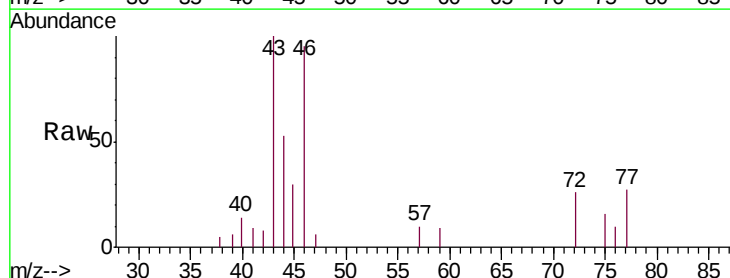
Instrument :
MSVOA_U
ClientSampleId :
C0AH0

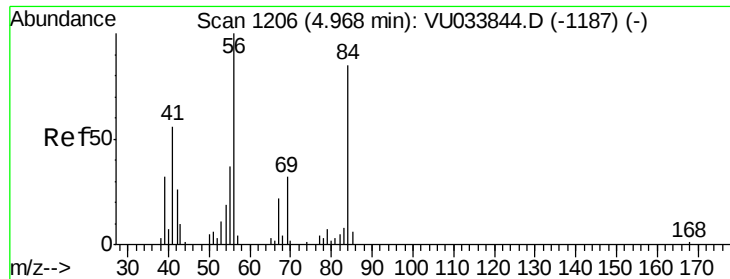
Tgt Ion: 43 Resp: 6218
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#21
2-Butanone
Concen: 1.987 ug/L
RT: 4.26 min Scan# 985
Delta R.T. 0.01 min
Lab File: VU033855.D
Acq: 20 Aug 2019 15:44

Tgt Ion: 43 Resp: 5291
Ion Ratio Lower Upper
43 100
72 28.7 13.7 41.0

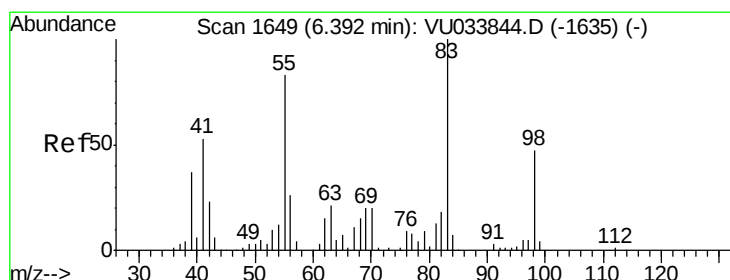
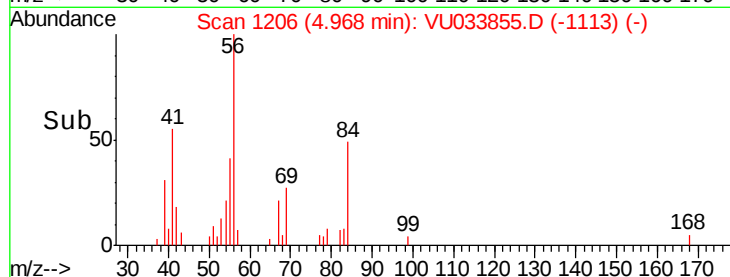
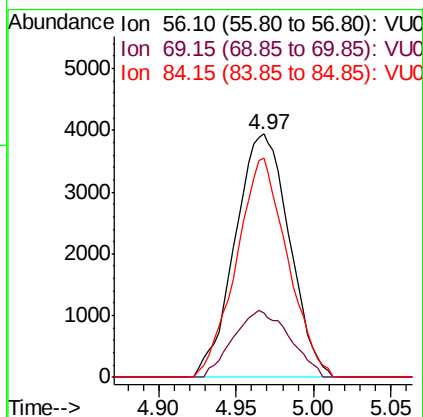
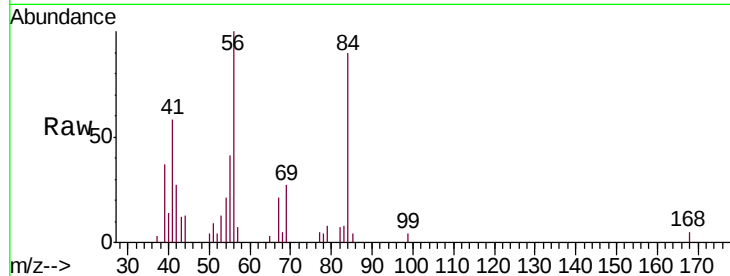




#30
Cyclohexane
Concen: 0.632 ug/L
RT: 4.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VU033855.D
Acq: 20 Aug 2019 15:44

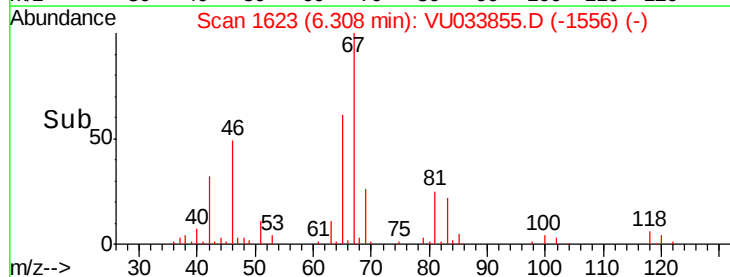
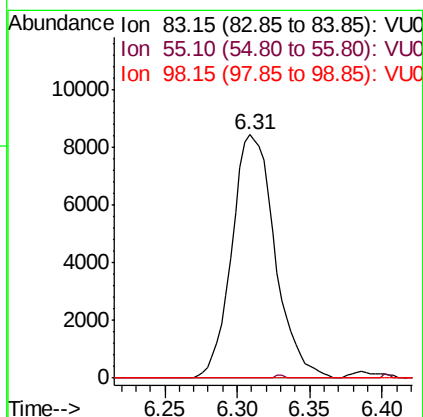
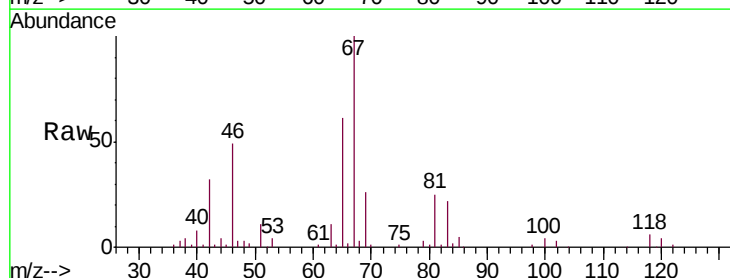
Instrument :
MSVOA_U
ClientSampleId :
C0AH0

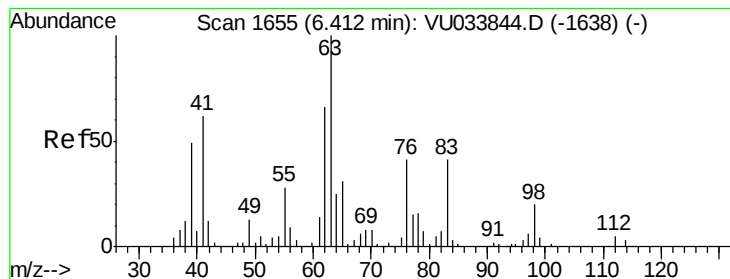
Tgt Ion: 56 Resp: 9608
Ion Ratio Lower Upper
56 100
69 28.6 25.1 37.7
84 85.0 69.5 104.3



#35
Methylcyclohexane
Concen: 1.067 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU033855.D
Acq: 20 Aug 2019 15:44

Tgt Ion: 83 Resp: 17421
Ion Ratio Lower Upper
83 100
55 0.3 64.3 96.5#
98 6.3 37.4 56.0#





#37

1,2-Dichloropropane

Concen: 0.752 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033855.D

Acq: 20 Aug 2019 15:44

Instrument :

MSVOA_U

ClientSampleId :

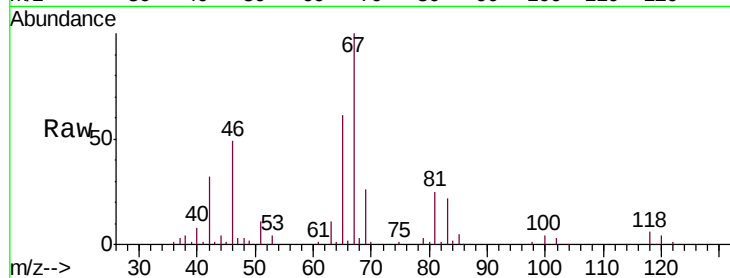
C0AH0

Tgt Ion: 63 Resp: 8671

Ion Ratio Lower Upper

63 100

112 0.3 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU033844.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU033844.D (-1638) (-)

6.31

5000

4000

3000

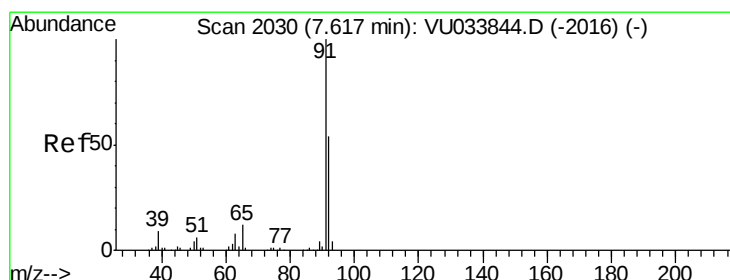
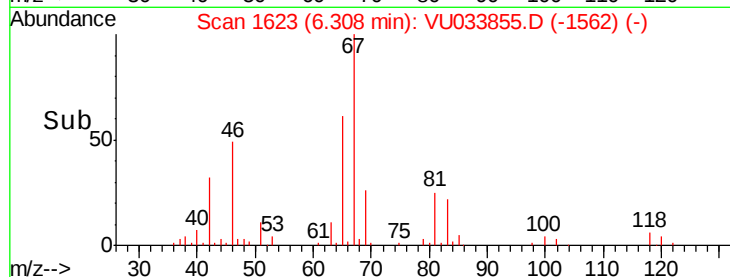
2000

1000

0

Time-->

6.25 6.30 6.35



#42

Toluene

Concen: 0.104 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033855.D

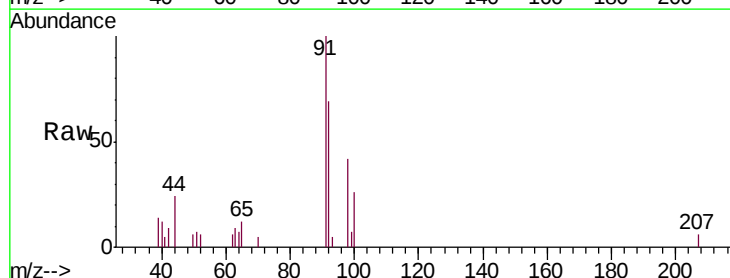
Acq: 20 Aug 2019 15:44

Tgt Ion: 91 Resp: 4627

Ion Ratio Lower Upper

91 100

92 68.9 38.1 70.7



Abundance Ion 91.15 (90.85 to 91.85): VU033844.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU033844.D (-2016) (-)

7.62

2500

2000

1500

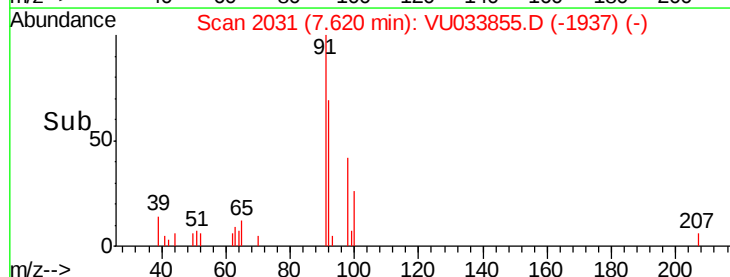
1000

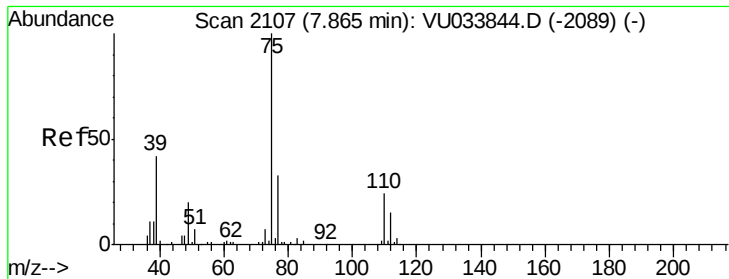
500

0

Time-->

7.55 7.60 7.65

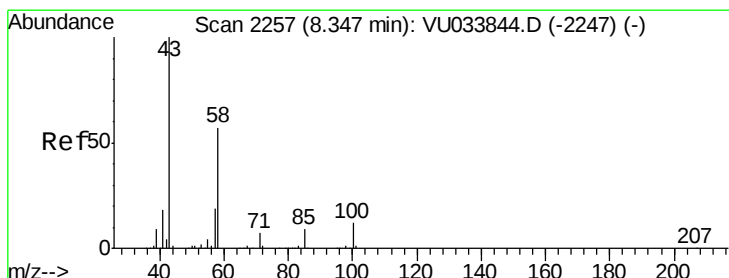
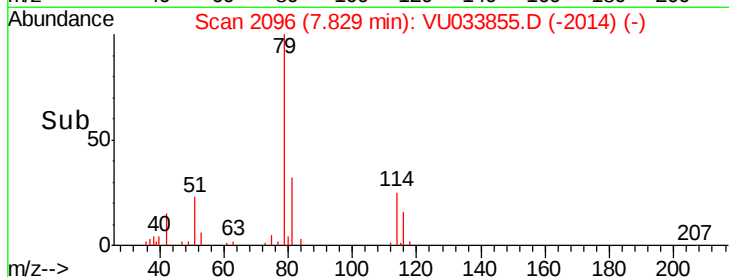
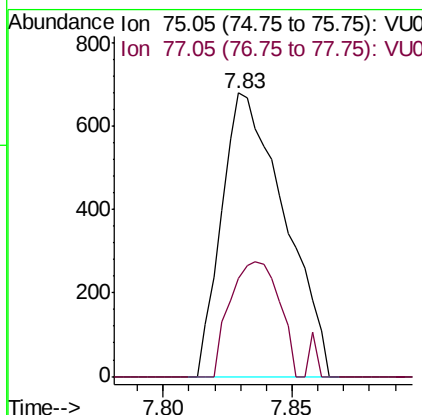
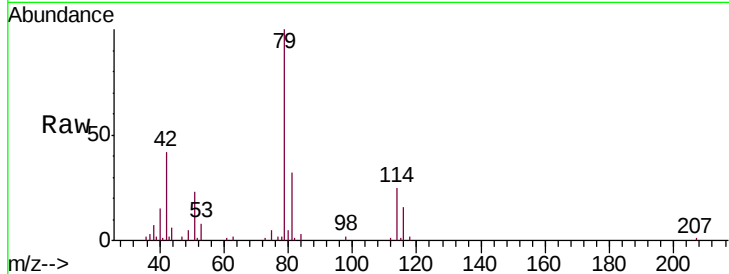




#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.04 min
Lab File: VU033855.D
Acq: 20 Aug 2019 15:44

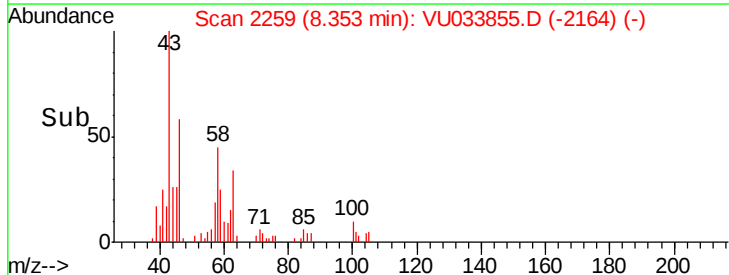
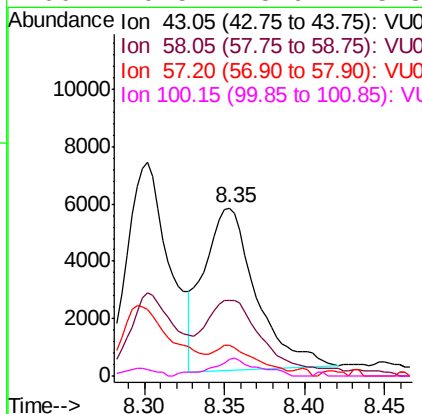
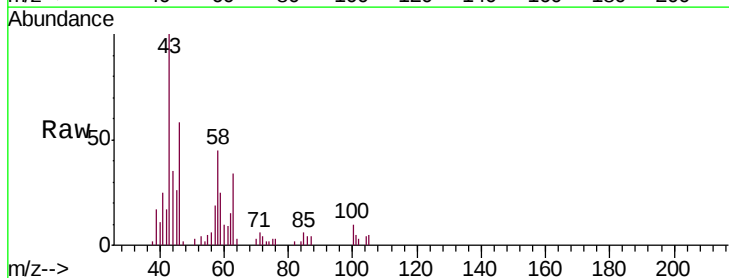
Instrument :
MSVOA_U
ClientSampleId :
C0AH0

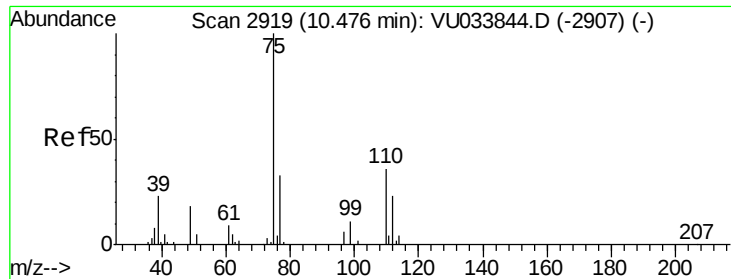
Tgt Ion: 75 Resp: 1155
Ion Ratio Lower Upper
75 100
77 34.4 23.0 42.6



#48
2-Hexanone
Concen: 2.855 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU033855.D
Acq: 20 Aug 2019 15:44

Tgt Ion: 43 Resp: 12730
Ion Ratio Lower Upper
43 100
58 53.0 45.1 67.7
57 16.4 15.4 23.0
100 9.5 8.9 13.3

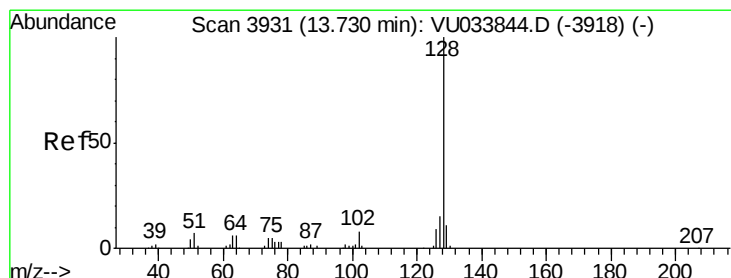
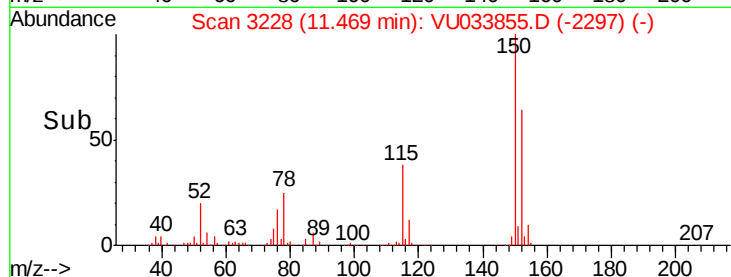
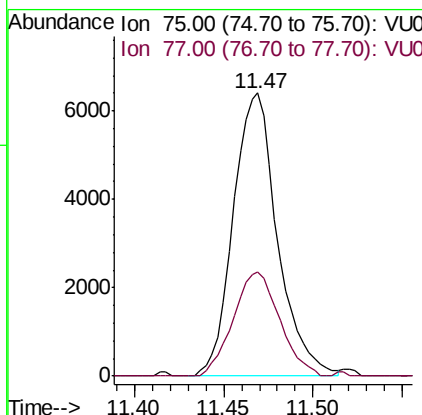
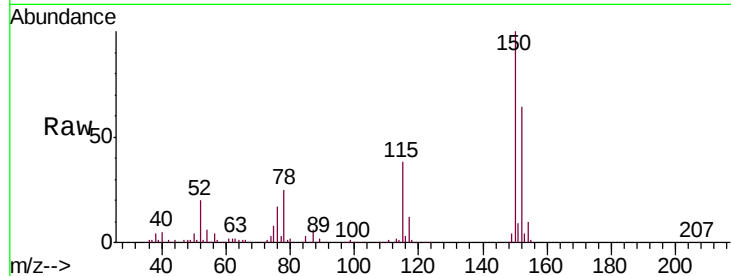




#59
 1,2,3-Trichloropropane
 Concen: 1.465 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033855.D
 Acq: 20 Aug 2019 15:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH0

Tgt Ion: 75 Resp: 11066
 Ion Ratio Lower Upper
 75 100
 77 38.6 26.3 39.5



#69
 Naphthalene
 Concen: 0.716 ug/L
 RT: 13.74 min Scan# 3933
 Delta R.T. 0.01 min
 Lab File: VU033855.D
 Acq: 20 Aug 2019 15:44

Tgt Ion: 128 Resp: 11318
 Ion Ratio Lower Upper
 128 100
 129 9.1 9.0 13.6
 127 12.6 10.9 16.3

