

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040944.D
 Acq On : 26 Oct 2020 15:15
 Operator : SY/MD
 Sample : L4492-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN9

Quant Time: Oct 27 03:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54340	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	56436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15110	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.92	69	14979	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.58	63	24662	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.67	46	89576	59.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.16%
24) Chloroform-d	5.08	84	38296	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	24214	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	65702	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	23874	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	49738	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	8.19	79	8668	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.64	63	63521	55.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23640	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	22287	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

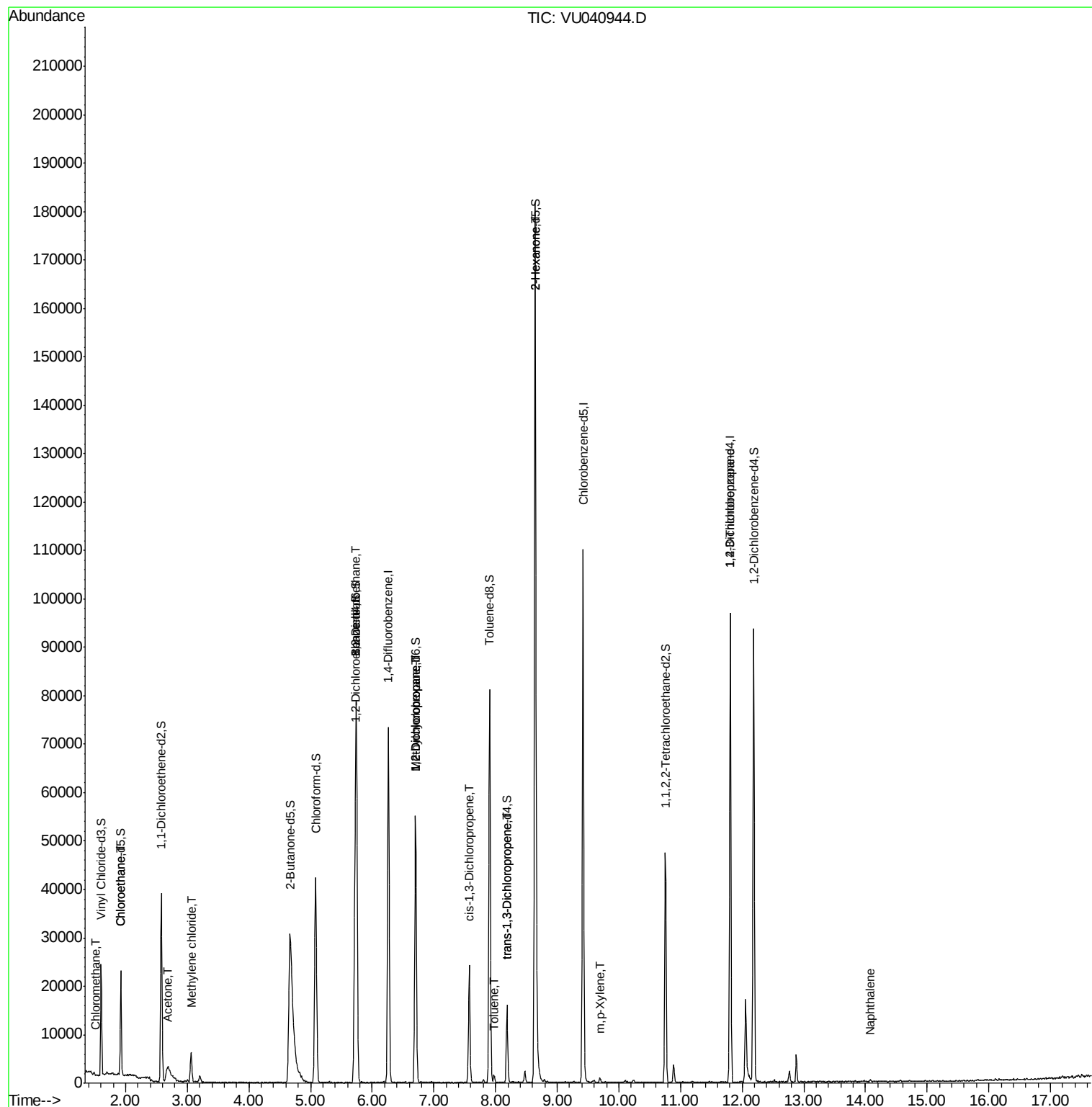
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	242	0.047	ug/L #	43
8) Chloroethane	1.93	64	296	0.092	ug/L #	43
13) Acetone	2.69	43	6058	5.894	ug/L #	12
16) Methylene chloride	3.06	84	2594	0.580	ug/L	96
27) 1,2-Dichloroethane	5.73	62	307	0.053	ug/L #	74
35) Methylcyclohexane	6.70	83	5584	0.872	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3026	0.663	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	591	0.094	ug/L #	33
42) Toluene	7.97	91	1174	0.069	ug/L	100
44) trans-1,3-Dichloropropene	8.18	75	336	0.057	ug/L	84
48) 2-Hexanone	8.64	43	8546	3.120	ug/L #	70
53) m,p-Xylene	9.69	106	309	0.047	ug/L	84
59) 1,2,3-Trichloropropane	11.81	75	3272	0.962	ug/L	93
69) Naphthalene	14.08	128	593	0.084	ug/L #	69

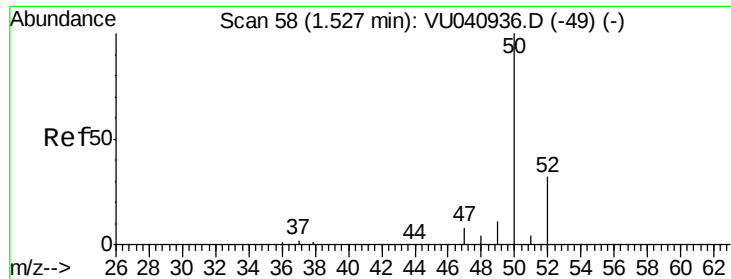
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040944.D
Acq On : 26 Oct 2020 15:15
Operator : SY/MD
Sample : L4492-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AN9

Quant Time: Oct 27 03:15:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 03:00:07 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040944.D

Acq: 26 Oct 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

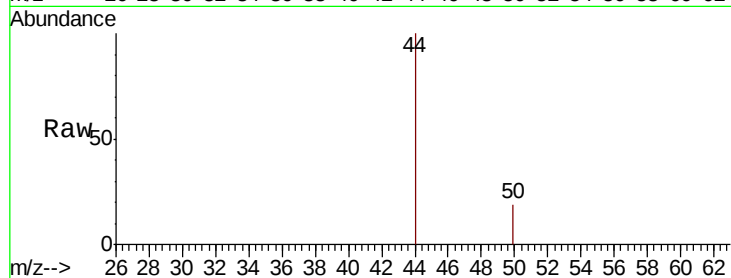
C0AN9

Tot Ion: 50 Resp: 242

Ion Ratio Lower Upper

50 100

52 0.0 22.4 41.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.52

300

250

200

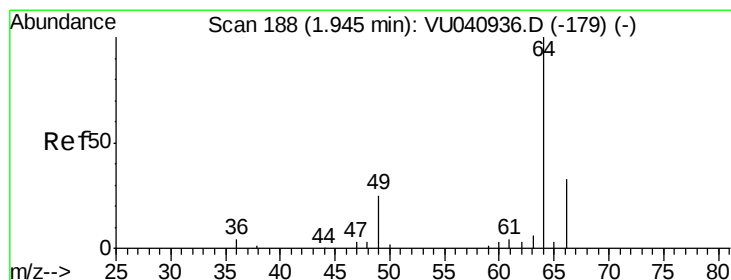
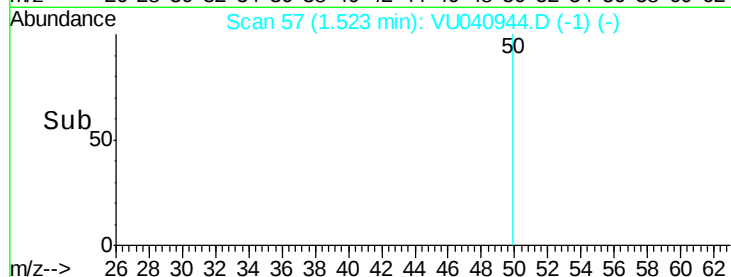
150

100

50

0

Time--> 1.50 1.52 1.54



#8

Chloroethane

Concen: 0.092 ug/L

RT: 1.93 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU040944.D

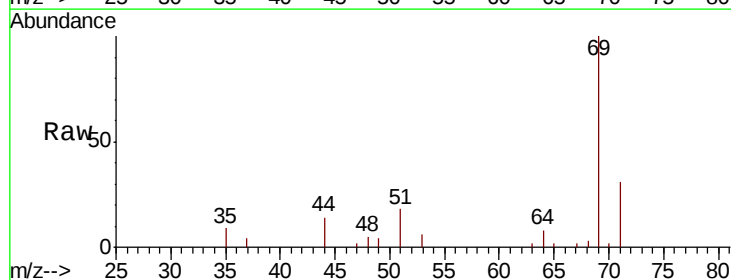
Acq: 26 Oct 2020 15:15

Tgt Ion: 64 Resp: 296

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.93

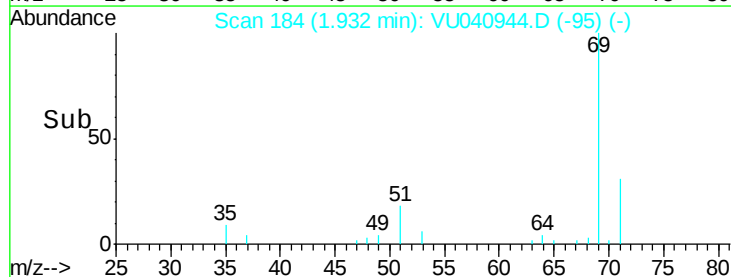
600

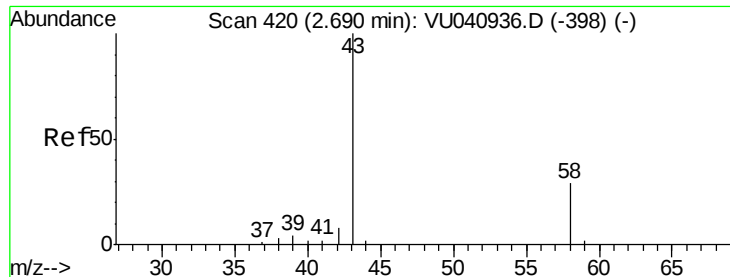
400

200

0

Time--> 1.92 1.94 1.96





#13

Acetone

Concen: 5.894 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.00 min

Lab File: VU040944.D

Acq: 26 Oct 2020 15:15

Instrument :

MSVOA_U

ClientSampled :

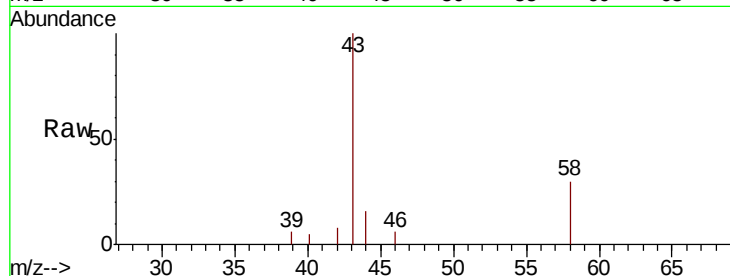
C0AN9

Tot Ion: 43 Resp: 6058

Ion Ratio Lower Upper

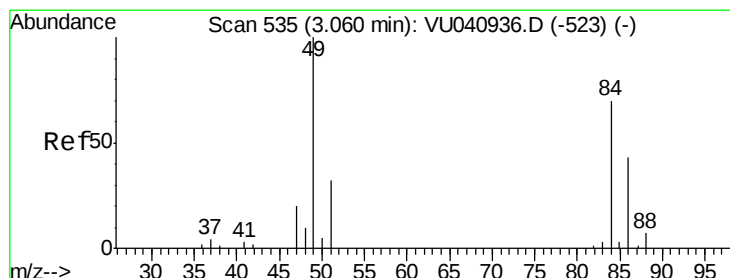
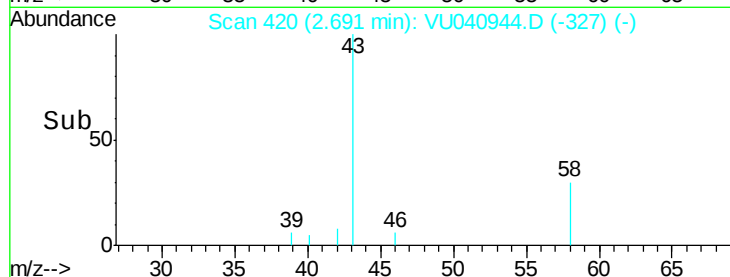
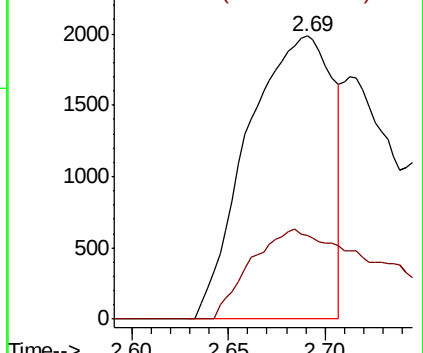
43 100

58 47.5 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU040936.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU040936.D (-398) (-)



#16

Methylene chloride

Concen: 0.580 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040944.D

Acq: 26 Oct 2020 15:15

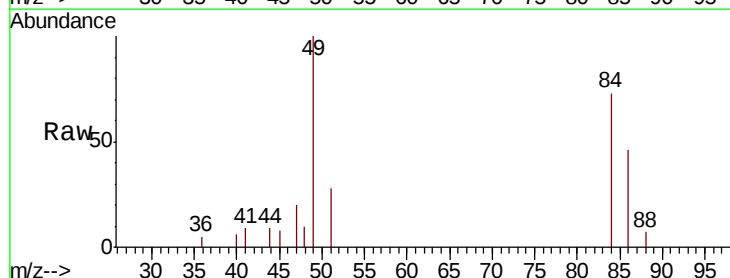
Tgt Ion: 84 Resp: 2594

Ion Ratio Lower Upper

84 100

86 62.7 42.8 79.6

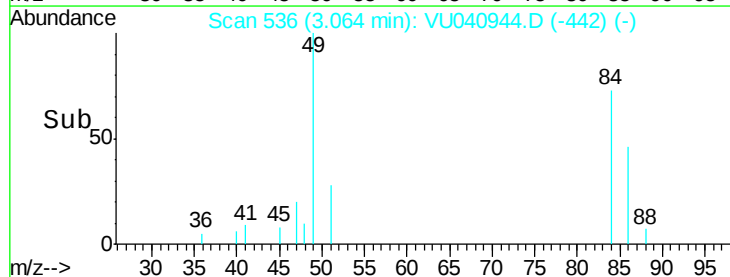
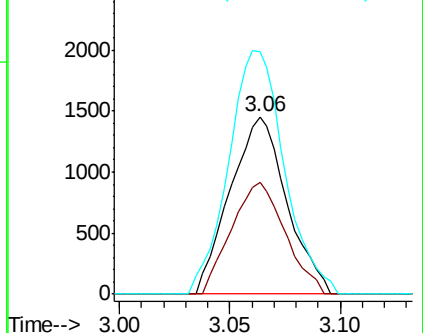
49 136.9 99.5 184.7

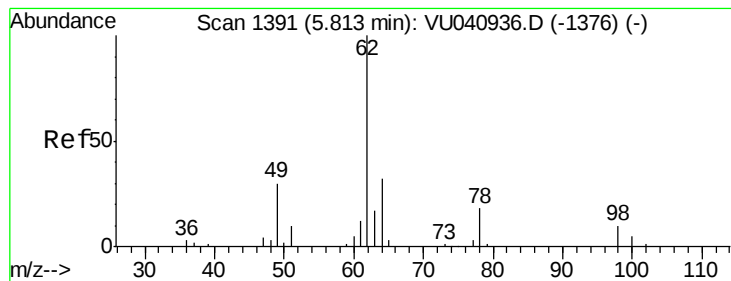


Abundance Ion 84.05 (83.75 to 84.75): VU040936.D (-523) (-)

Ion 86.00 (85.70 to 86.70): VU040936.D (-523) (-)

Ion 49.10 (48.80 to 49.80): VU040936.D (-523) (-)





#27

1,2-Dichloroethane

Concen: 0.053 ug/L

RT: 5.73 min Scan# 1366

Delta R.T. -0.08 min

Lab File: VU040944.D

Acq: 26 Oct 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

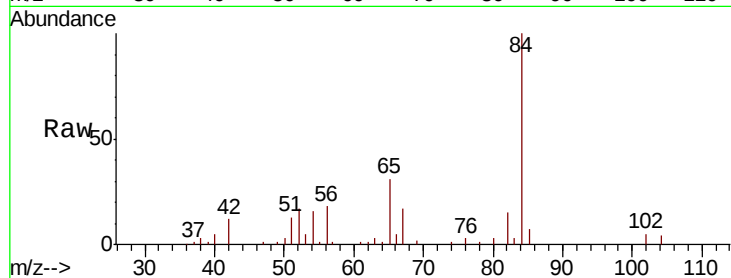
C0AN9

Tot Ion: 62 Resp: 307

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.73

150

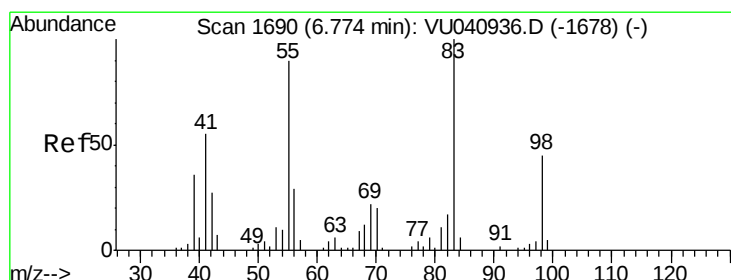
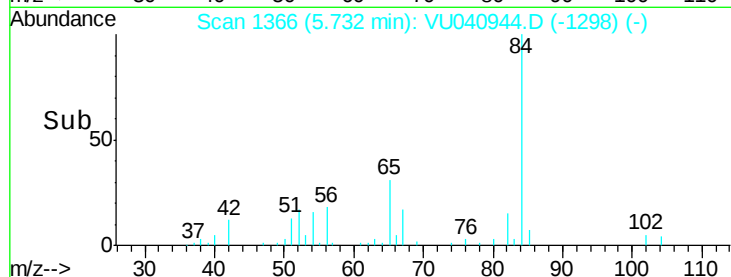
100

50

0

5.70 5.72 5.74 5.76

Time-->



#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040944.D

Acq: 26 Oct 2020 15:15

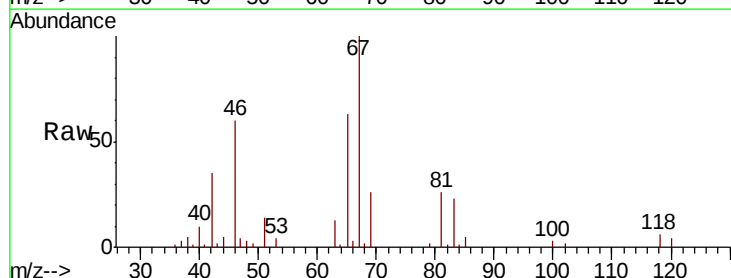
Tgt Ion: 83 Resp: 5584

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

98 0.0 36.6 55.0#



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

4000

3000

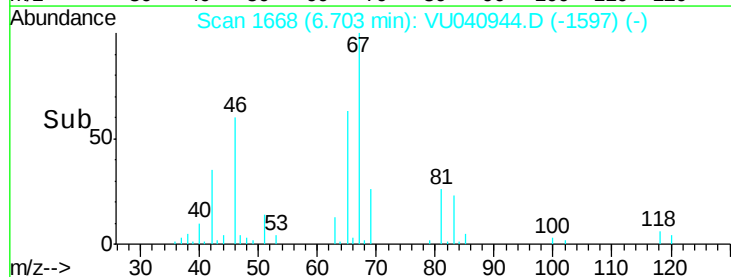
2000

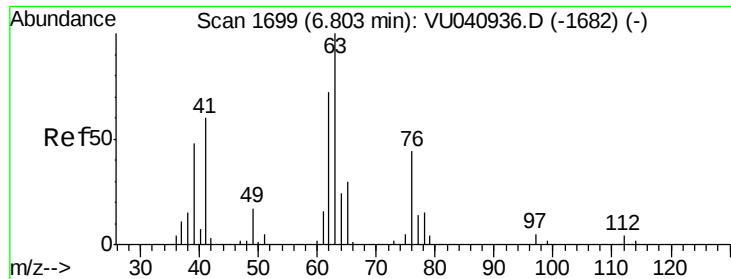
1000

0

6.65 6.70 6.75

Time-->

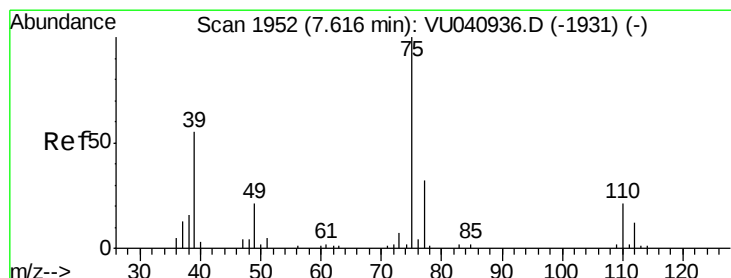
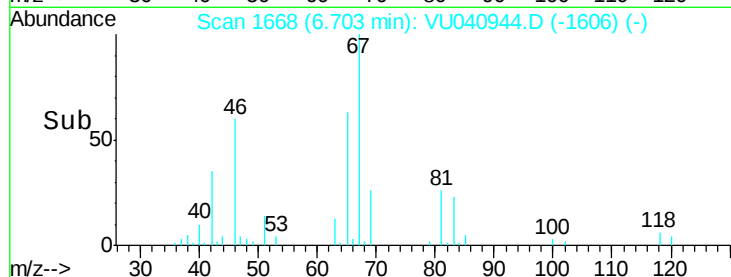
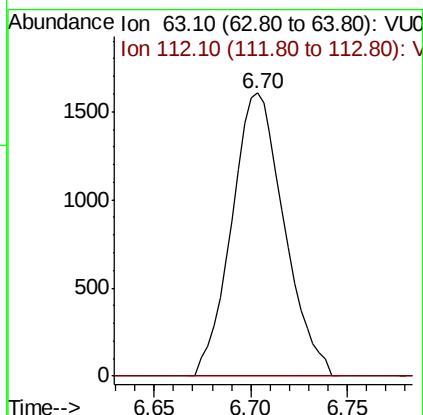
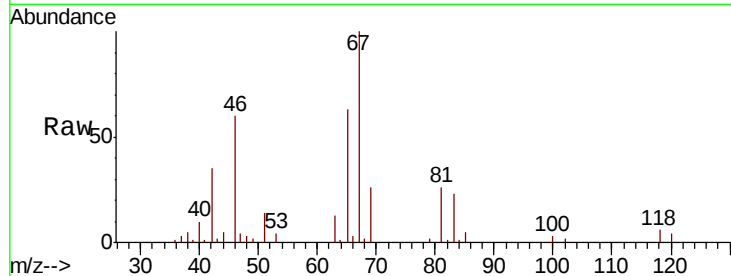




#37
 1,2-Dichloropropane
 Concen: 0.663 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040944.D
 Acq: 26 Oct 2020 15:15

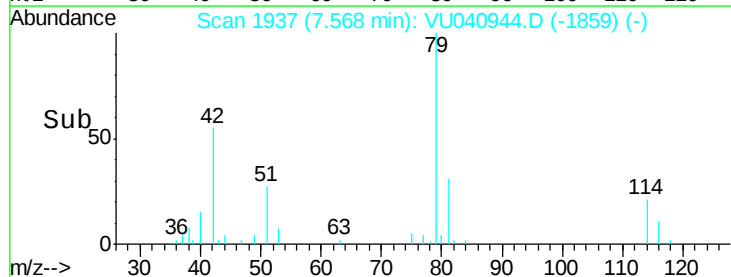
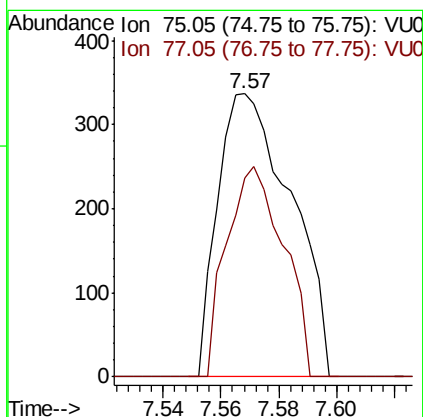
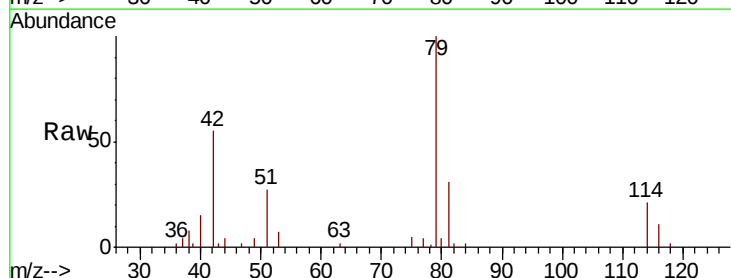
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN9

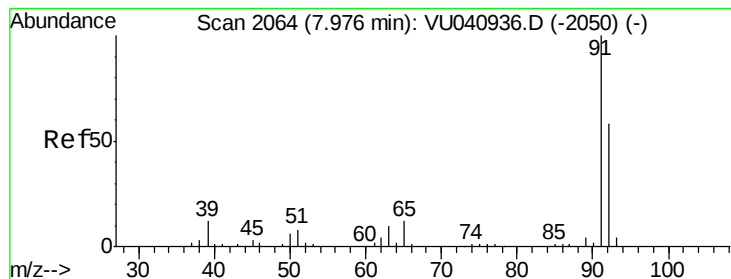
Tot Ion: 63 Resp: 3026
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040944.D
 Acq: 26 Oct 2020 15:15

Tgt Ion: 75 Resp: 591
 Ion Ratio Lower Upper
 75 100
 77 70.0 22.7 42.3#





#42

Toluene

Concen: 0.069 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040944.D

Acq: 26 Oct 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

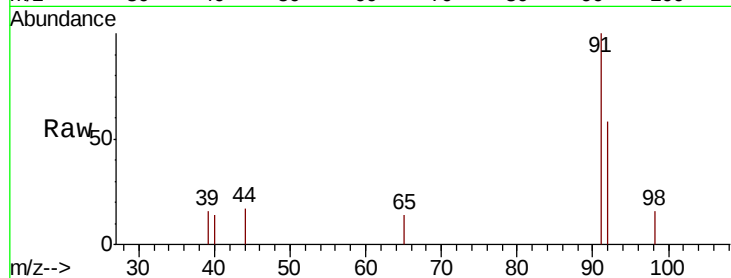
C0AN9

Tot Ion: 91 Resp: 1174

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.97

800

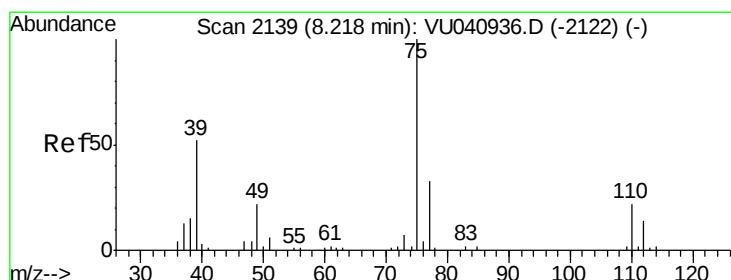
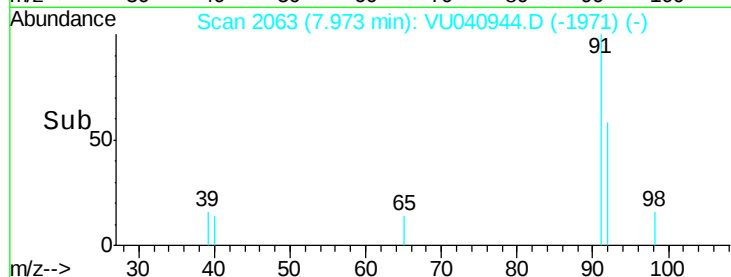
600

400

200

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU040944.D

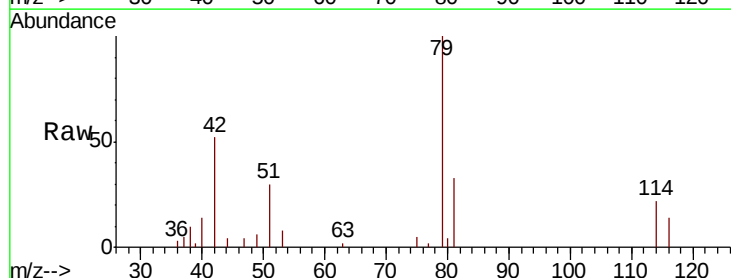
Acq: 26 Oct 2020 15:15

Tgt Ion: 75 Resp: 336

Ion Ratio Lower Upper

75 100

77 42.4 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

300

250

200

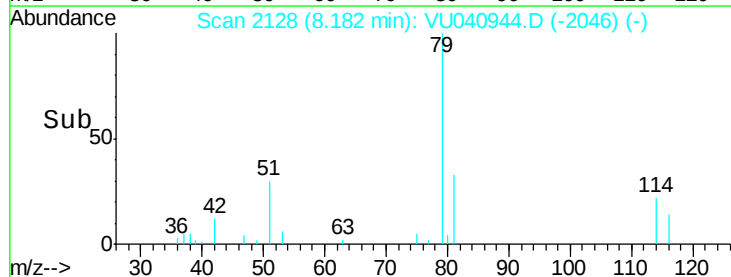
150

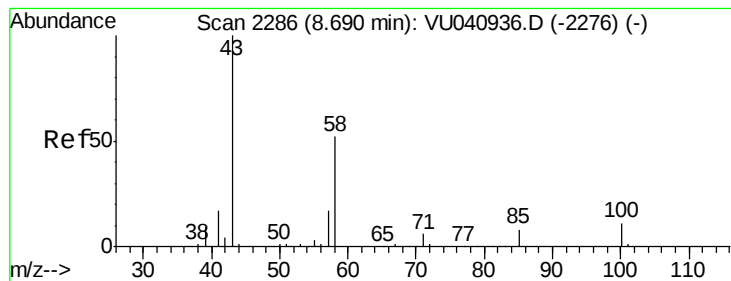
100

50

0

Time-->





#48

2-Hexanone

Concen: 3.120 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040944.D

Acq: 26 Oct 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

C0AN9

Tot Ion: 43 Resp: 8546

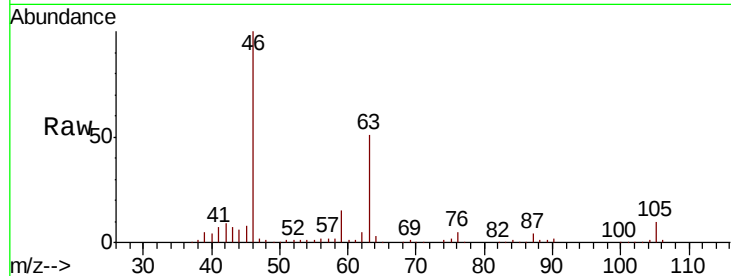
Ion Ratio Lower Upper

43 100

58 30.0 41.4 62.2#

57 32.1 14.6 21.8#

100 0.7 8.3 12.5#

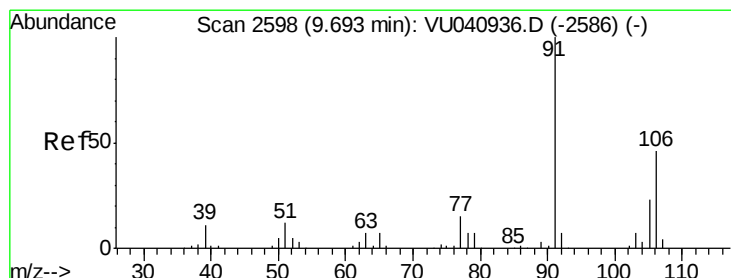
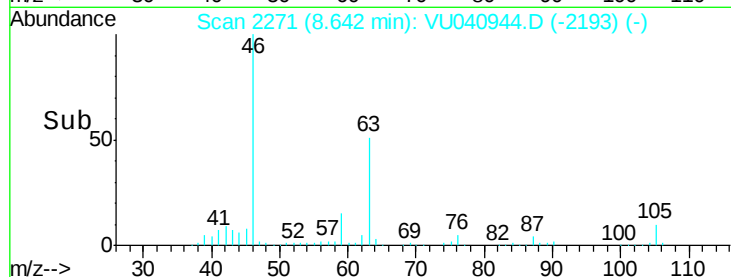
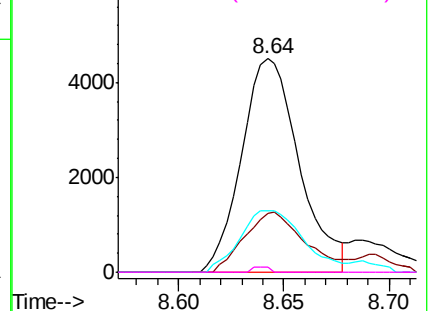


Abundance Ion 43.05 (42.75 to 43.75): VU0

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



#53

m,p-Xylene

Concen: 0.047 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040944.D

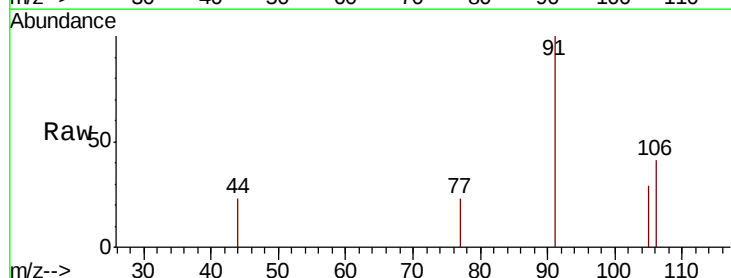
Acq: 26 Oct 2020 15:15

Tgt Ion: 106 Resp: 309

Ion Ratio Lower Upper

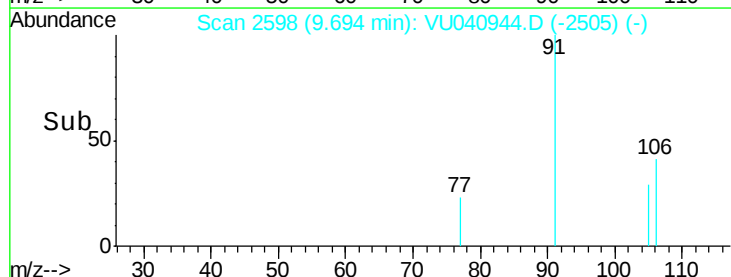
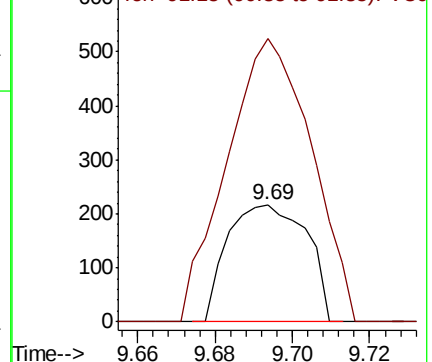
106 100

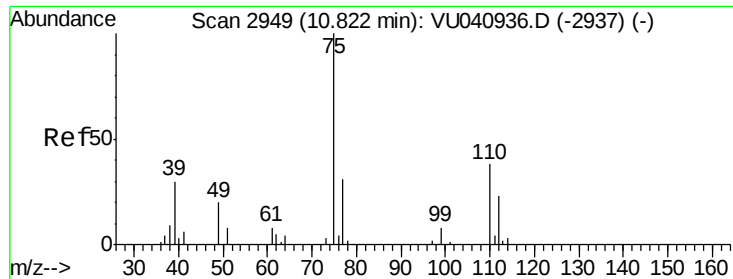
91 241.5 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

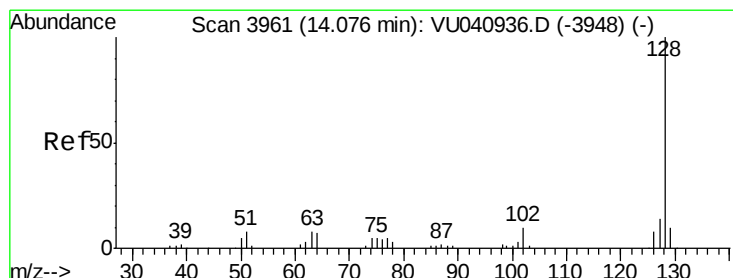
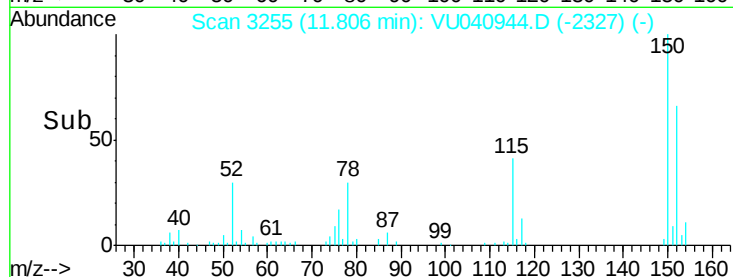
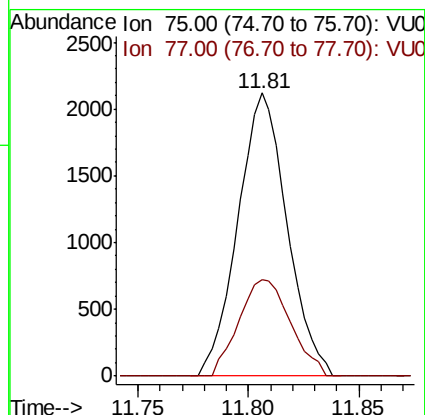
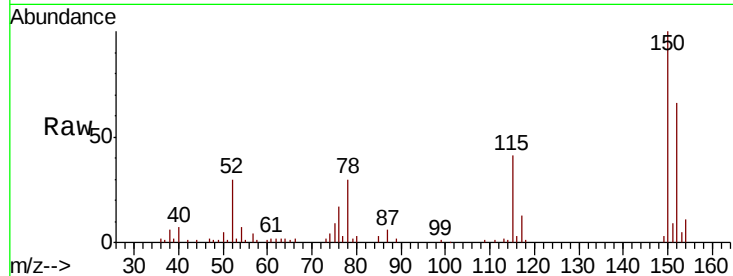




#59
 1,2,3-Trichloropropane
 Concen: 0.962 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040944.D
 Acq: 26 Oct 2020 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN9

Tot Ion: 75 Resp: 3272
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.7 38.5



#69
 Naphthalene
 Concen: 0.084 ug/L
 RT: 14.08 min Scan# 3961
 Delta R.T. 0.00 min
 Lab File: VU040944.D
 Acq: 26 Oct 2020 15:15

Tgt Ion: 128 Resp: 593
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 0.0 10.8 16.2#

