

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041051.D
 Acq On : 02 Nov 2020 15:27
 Operator : SY/MD
 Sample : L4550-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:49:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57004	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59524	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26801	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19668	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.92	69	14579	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.58	63	28577	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.65	46	80556	51.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.16%
24) Chloroform-d	5.08	84	36096	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	23844	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.74	84	66316	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.70	67	23045	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	55184	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.19	79	9420	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	59190	48.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22204	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	22147	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	5887	1.085	ug/L	95
8) Chloroethane	1.94	64	209	0.062	ug/L #	43
13) Acetone	2.65	43	17148	15.904	ug/L #	61
14) Carbon disulfide	2.81	76	2745	0.204	ug/L	96
15) Methyl Acetate	2.83	43	1338	0.542	ug/L #	53
21) 2-Butanone	4.73	43	3083	1.830	ug/L	87
25) Chloroform	5.11	83	726	0.088	ug/L	87
27) 1,2-Dichloroethane	5.74	62	333	0.054	ug/L #	74
33) Benzene	5.74	78	530	0.030	ug/L	100
35) Methylcyclohexane	6.70	83	5141	0.761	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2616	0.544	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	638	0.096	ug/L	88
42) Toluene	7.98	91	1818	0.101	ug/L	92
44) trans-1,3-Dichloropropene	8.18	75	442	0.071	ug/L	84
59) 1,2,3-Trichloropropane	11.81	75	3880	1.082	ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration

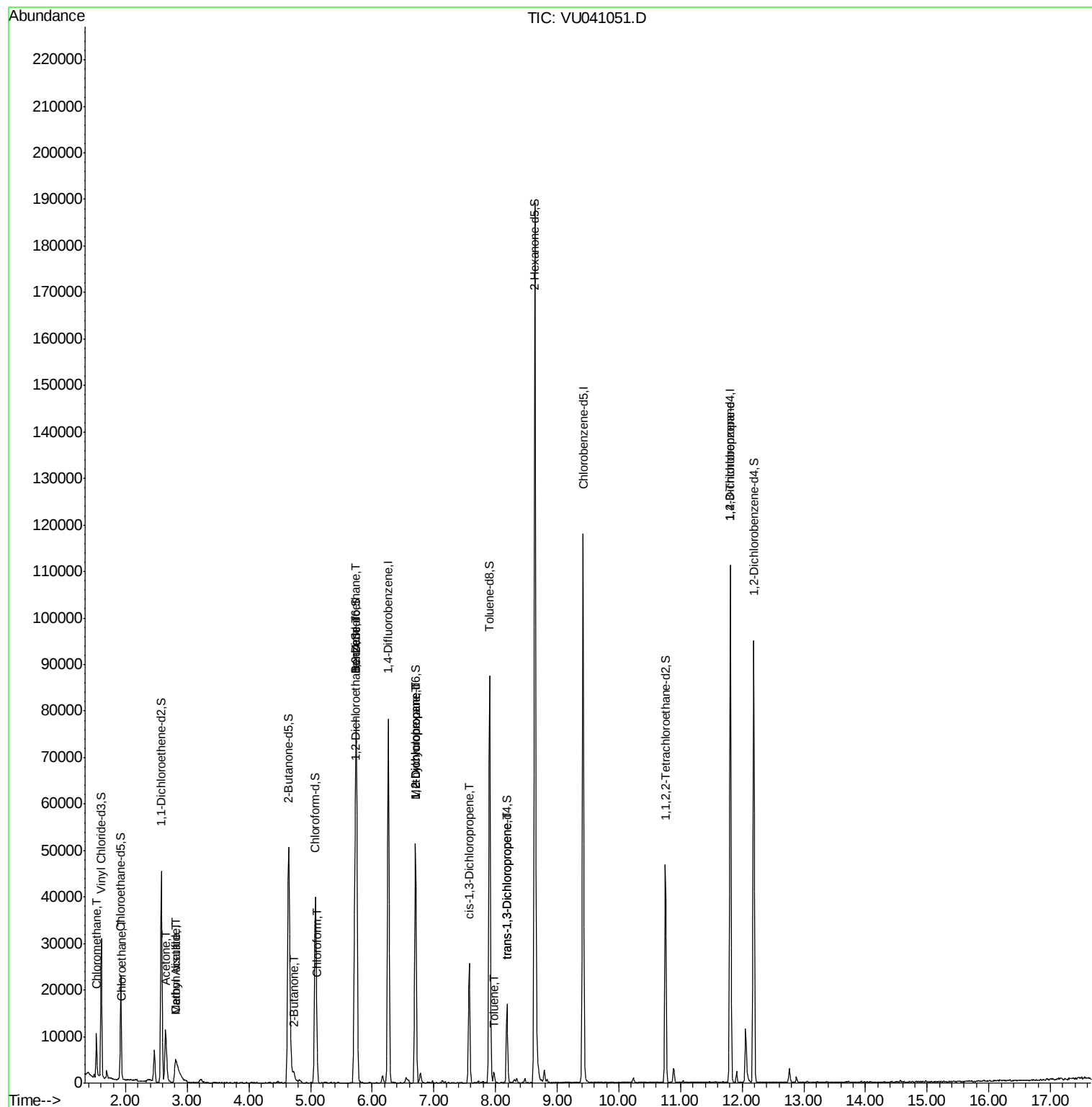
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

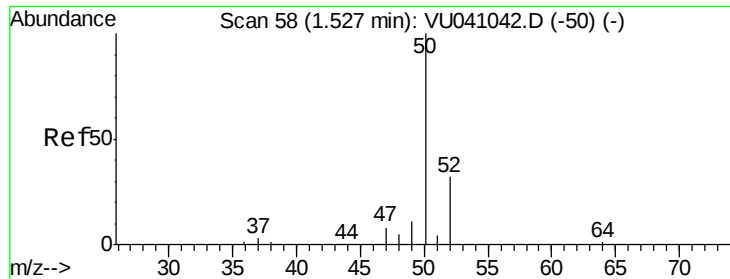
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.085 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041051.D

Acq: 02 Nov 2020 15:27

Instrument :

MSVOA_U

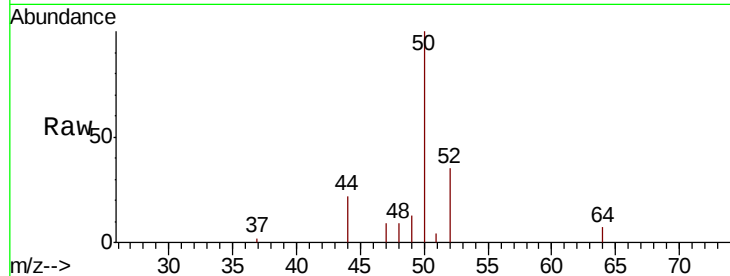
ClientSampled :

Tot Ion: 50 Resp: 5887

Ion Ratio Lower Upper

50 100

52 34.7 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041042.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU041042.D (-50) (-)

1.53

6000

5000

4000

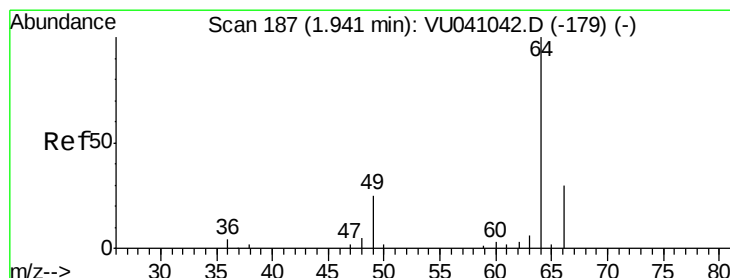
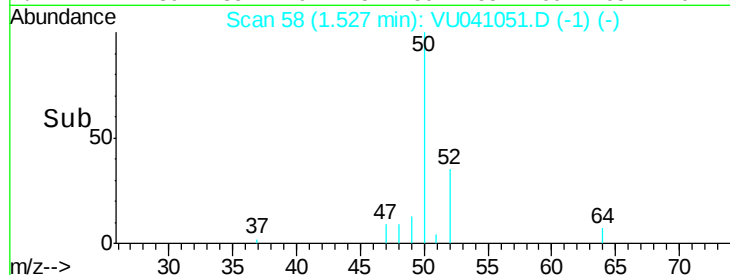
3000

2000

1000

0

Time-->



#8

Chloroethane

Concen: 0.062 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU041051.D

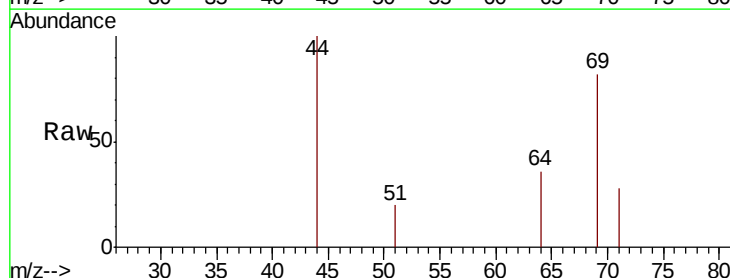
Acq: 02 Nov 2020 15:27

Tgt Ion: 64 Resp: 209

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU041042.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU041042.D (-179) (-)

1.94

300

250

200

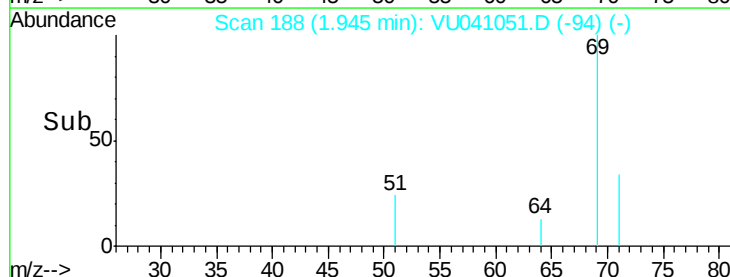
150

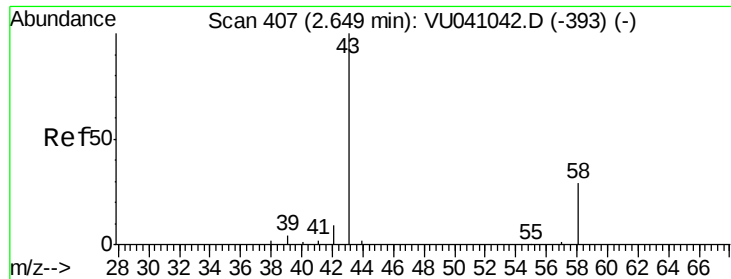
100

50

0

Time-->

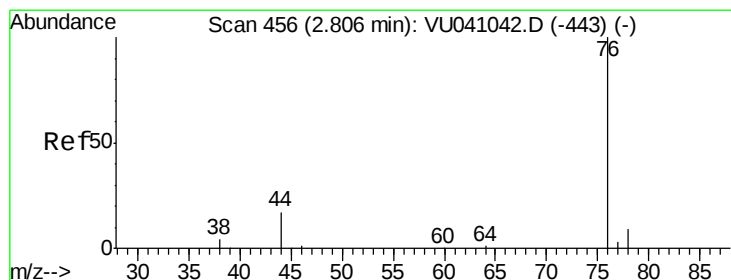
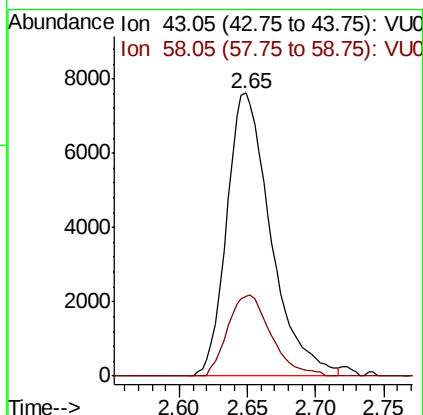
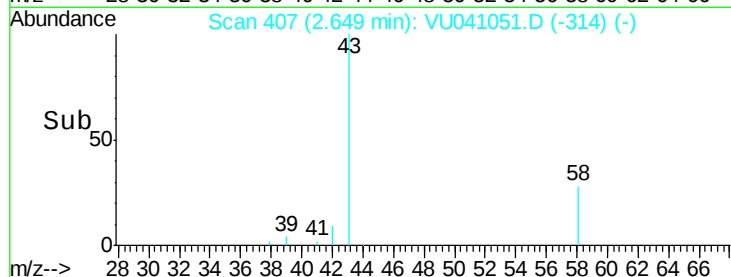
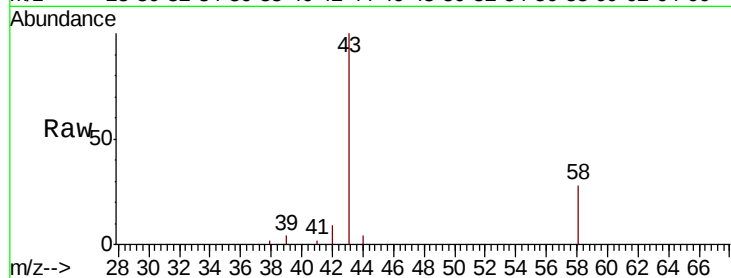




#13
Acetone
Concen: 15.904 ug/L
RT: 2.65 min Scan# 407
Delta R.T. 0.00 min
Lab File: VU041051.D
Acq: 02 Nov 2020 15:27

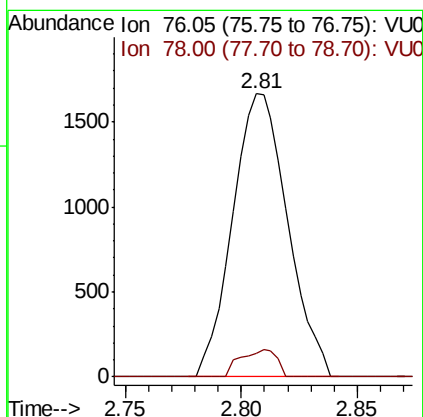
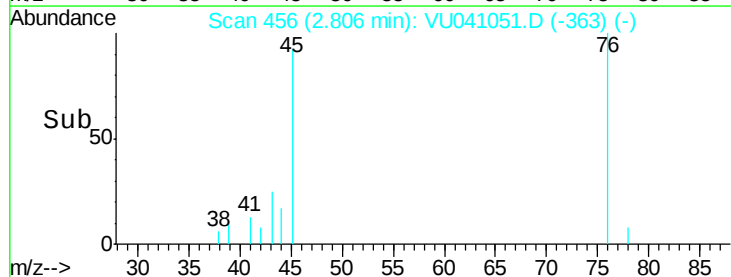
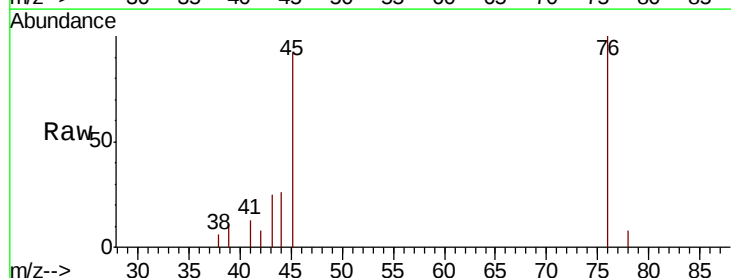
Instrument :
MSVOA_U
ClientSampled :

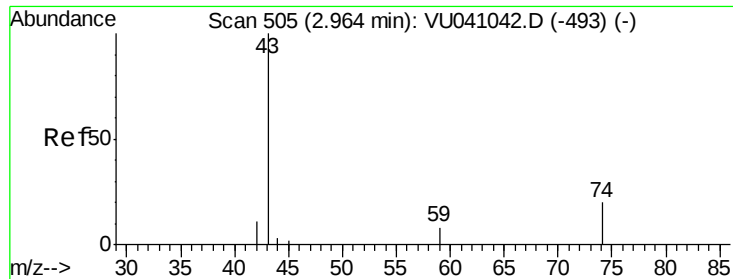
Tot Ion: 43 Resp: 17148
Ion Ratio Lower Upper
43 100
58 27.9 0.0 25.4#



#14
Carbon disulfide
Concen: 0.204 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU041051.D
Acq: 02 Nov 2020 15:27

Tgt Ion: 76 Resp: 2745
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3

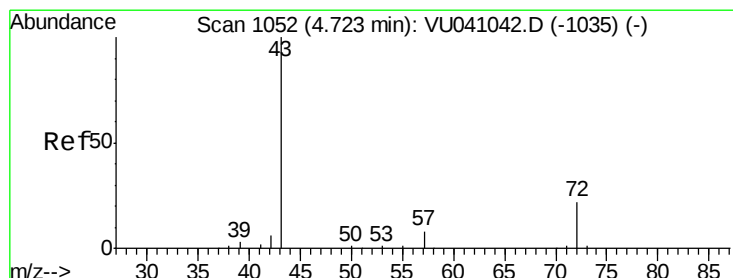
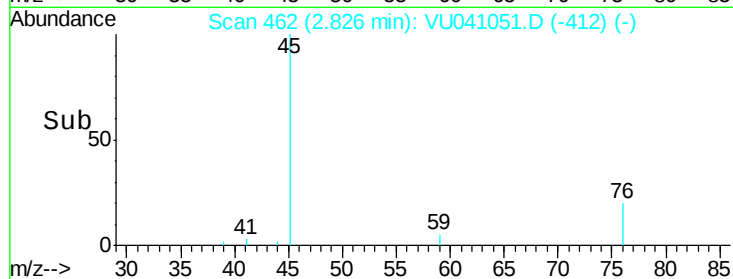
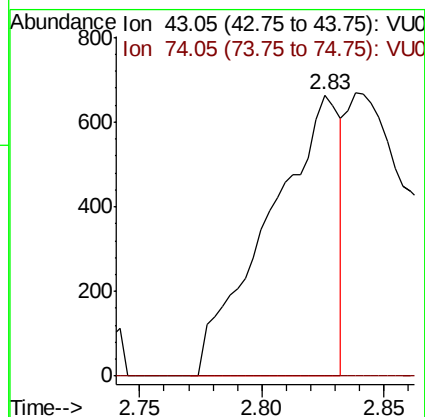
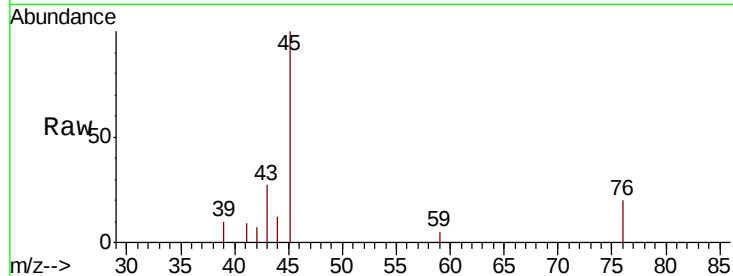




#15
Methvl Acetate
Concen: 0.542 ug/L
RT: 2.83 min Scan# 462
Delta R.T. -0.14 min
Lab File: VU041051.D
Acq: 02 Nov 2020 15:27

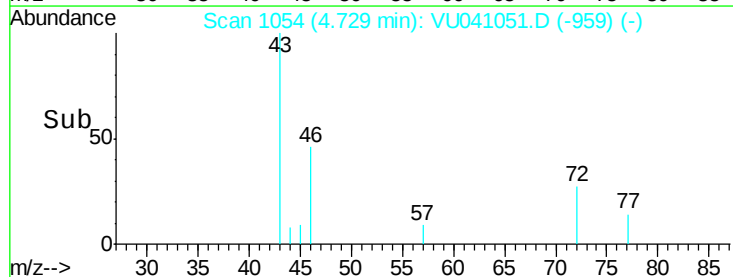
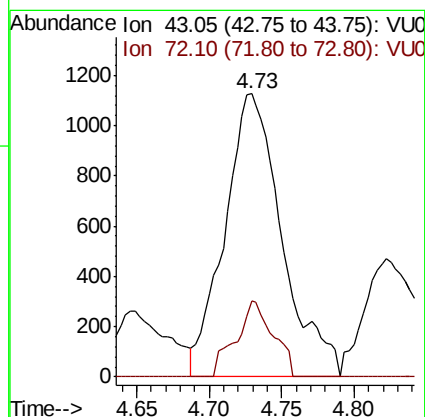
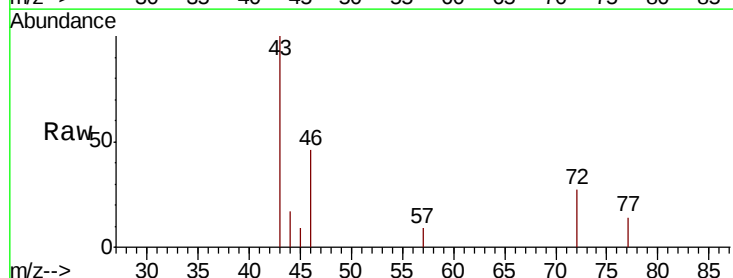
Instrument :
MSVOA_U
ClientSampleId :

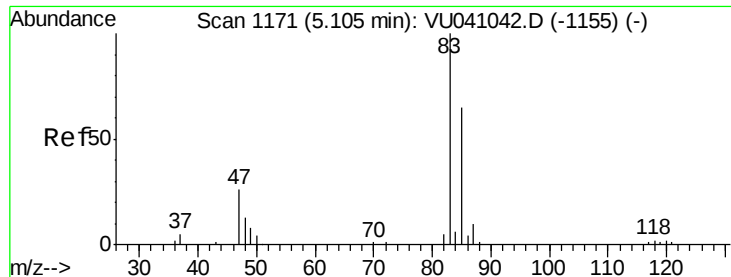
Tot Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#21
2-Butanone
Concen: 1.830 ug/L
RT: 4.73 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VU041051.D
Acq: 02 Nov 2020 15:27

Tgt Ion: 43 Resp: 3083
Ion Ratio Lower Upper
43 100
72 17.4 11.8 35.4

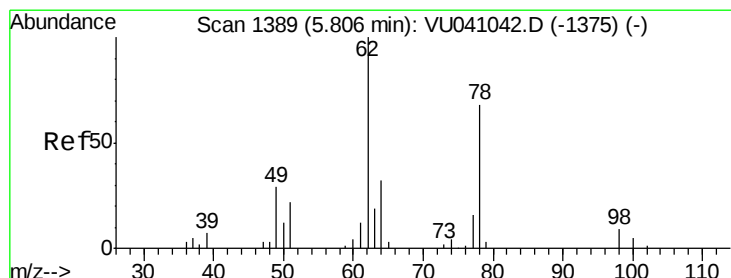
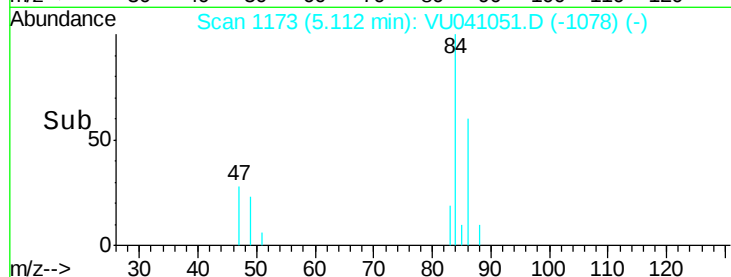
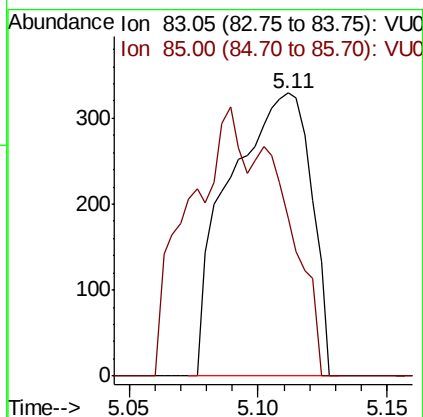
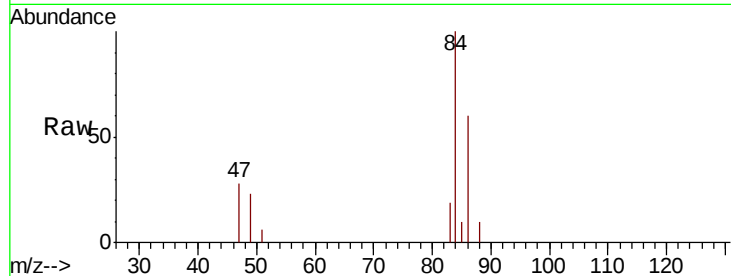




#25
Chloroform
Concen: 0.088 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU041051.D
Acq: 02 Nov 2020 15:27

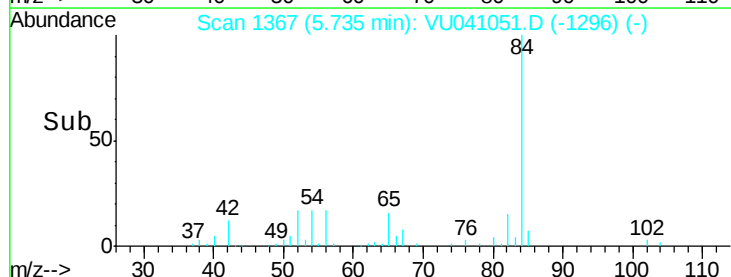
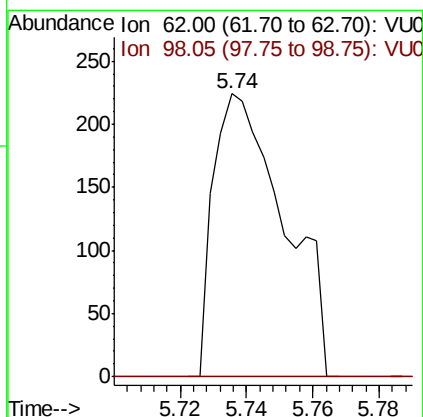
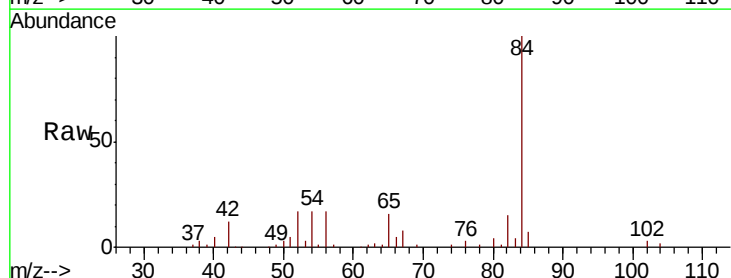
Instrument :
MSVOA_U
ClientSampleId :

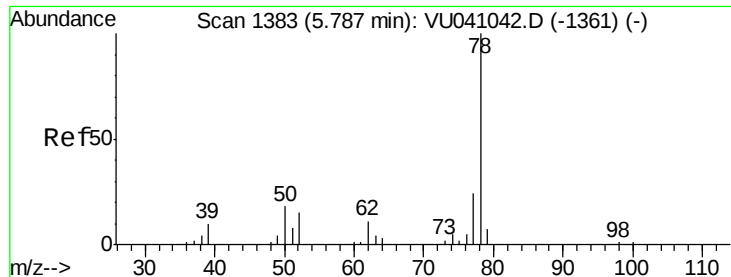
Tot Ion: 83 Resp: 726
Ion Ratio Lower Upper
83 100
85 55.9 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.054 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU041051.D
Acq: 02 Nov 2020 15:27

Tgt Ion: 62 Resp: 333
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 0.030 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.04 min

Lab File: VU041051.D

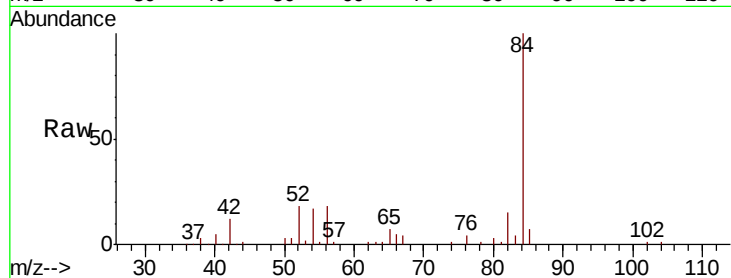
Acq: 02 Nov 2020 15:27

Instrument :

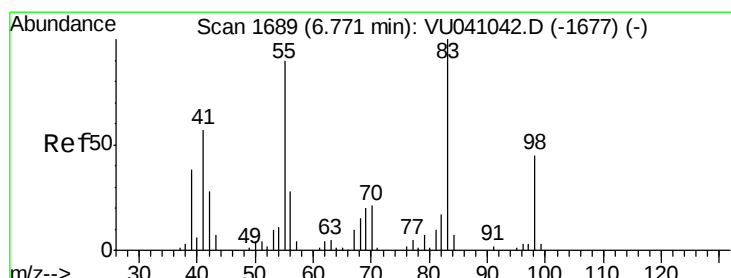
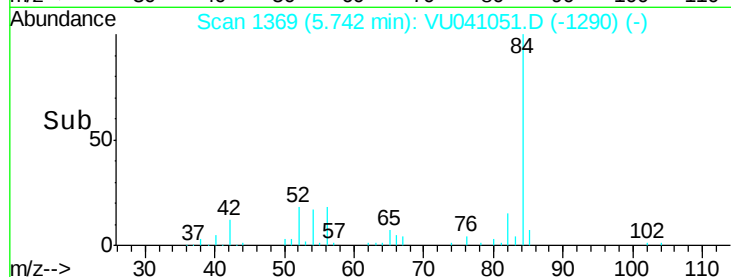
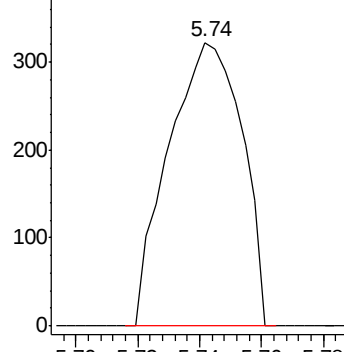
MSVOA_U

ClientSampled :

Tgt Ion: 78 Resp: 530



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041051.D

Acq: 02 Nov 2020 15:27

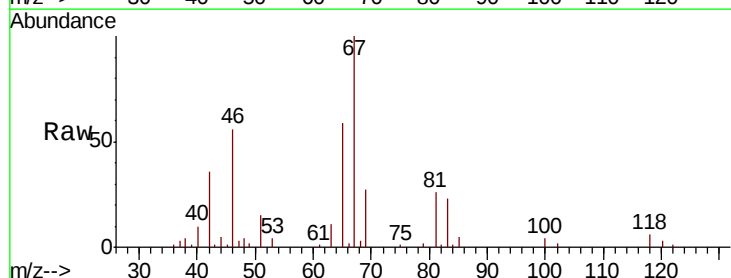
Tgt Ion: 83 Resp: 5141

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

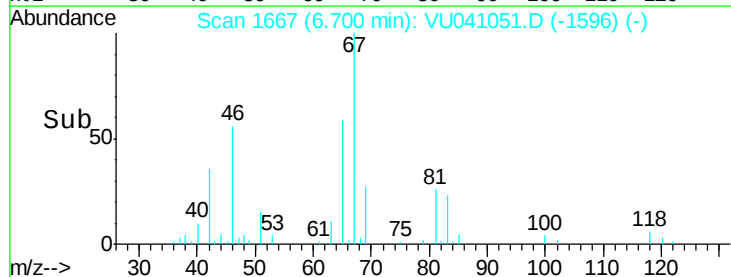
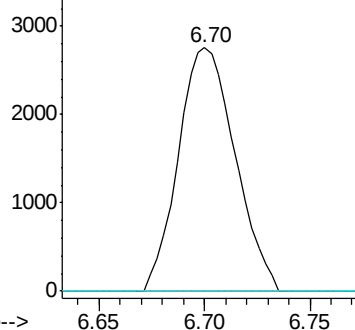
98 1.2 36.6 55.0#

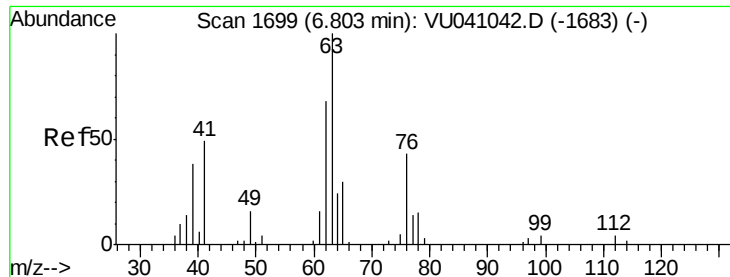


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

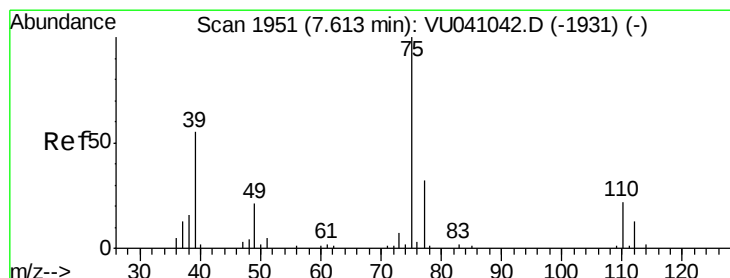
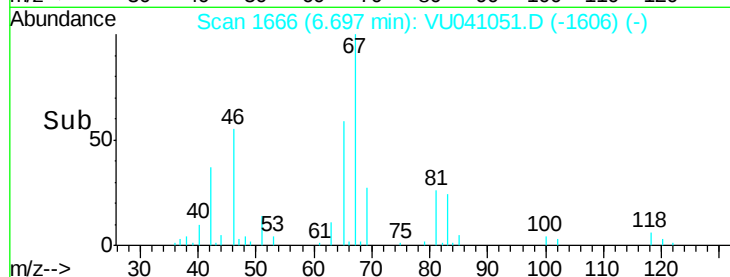
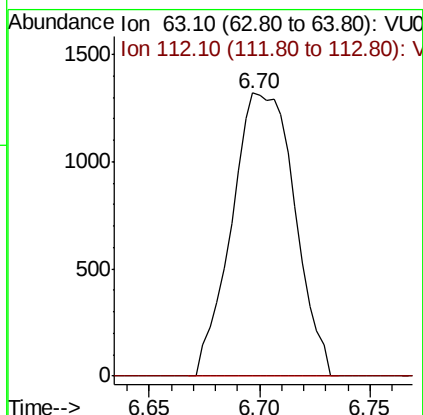
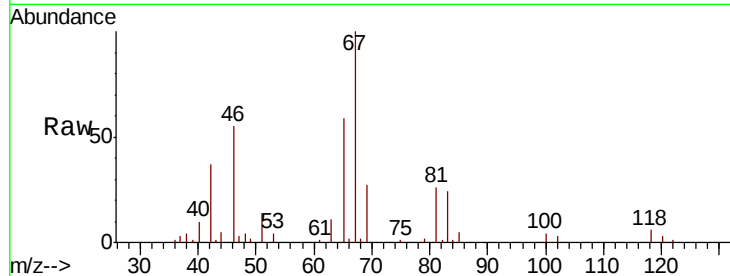




#37
 1,2-Dichloropropane
 Concen: 0.544 ug/L
 RT: 6.70 min Scan# 1666
 Delta R.T. -0.11 min
 Lab File: VU041051.D
 Acq: 02 Nov 2020 15:27

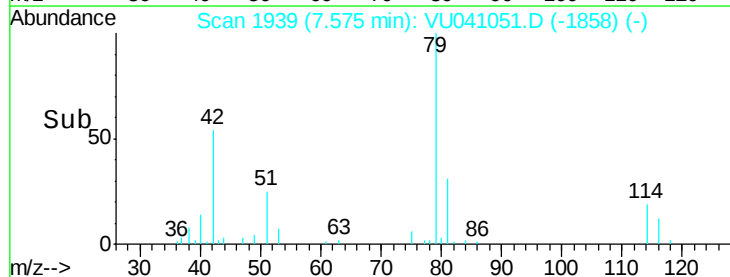
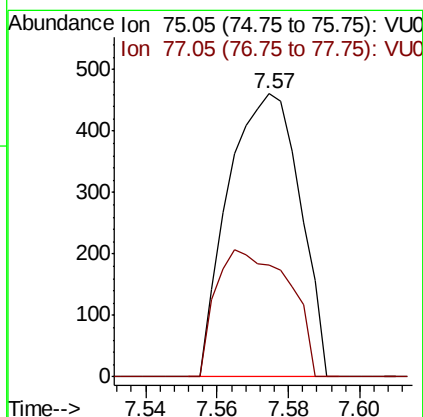
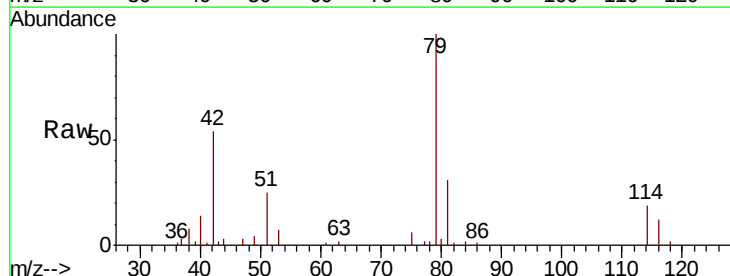
Instrument :
 MSVOA_U
 ClientSampled :

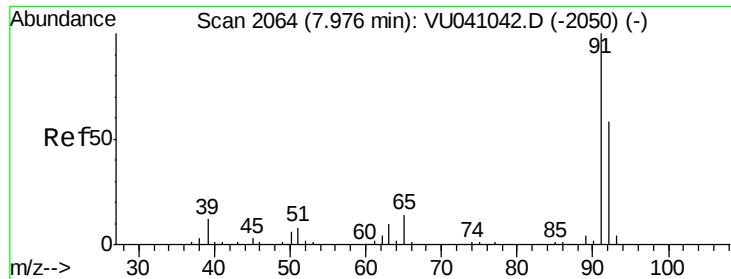
Tot Ion: 63 Resp: 2616
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041051.D
 Acq: 02 Nov 2020 15:27

Tgt Ion: 75 Resp: 638
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.7 42.3





#42

Toluene

Concen: 0.101 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041051.D

Acq: 02 Nov 2020 15:27

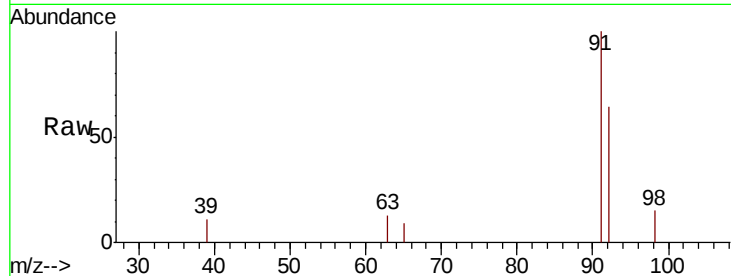
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 1818

Ion Ratio Lower Upper

91 100

92 64.2 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041042.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU041042.D (-2050) (-)

7.98

1200

1000

800

600

400

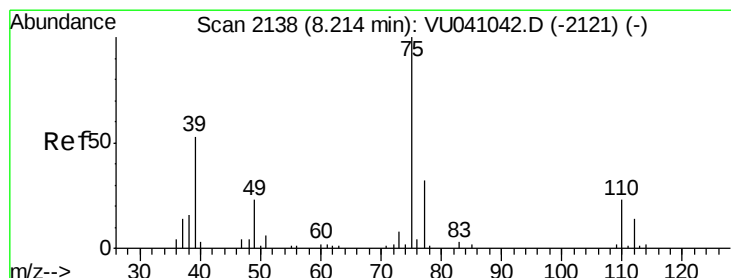
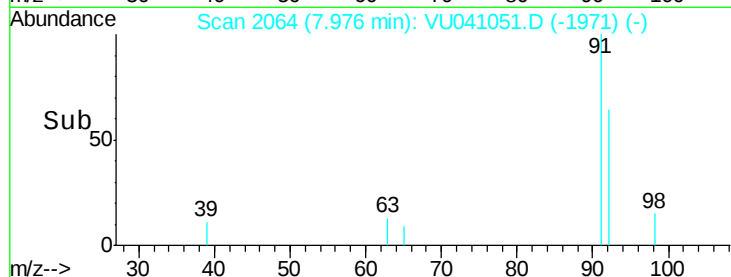
200

0

7.95

8.00

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041051.D

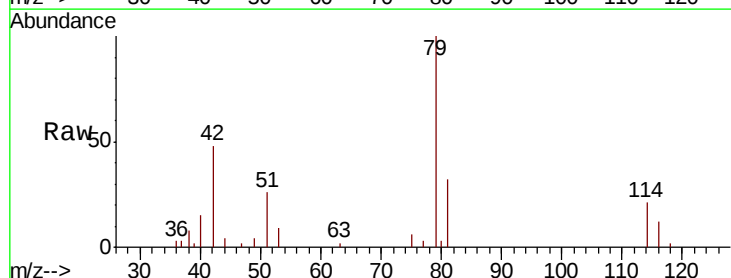
Acq: 02 Nov 2020 15:27

Tgt Ion: 75 Resp: 442

Ion Ratio Lower Upper

75 100

77 42.3 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU041042.D (-2121) (-)

Ion 77.05 (76.75 to 77.75): VU041042.D (-2121) (-)

8.18

300

200

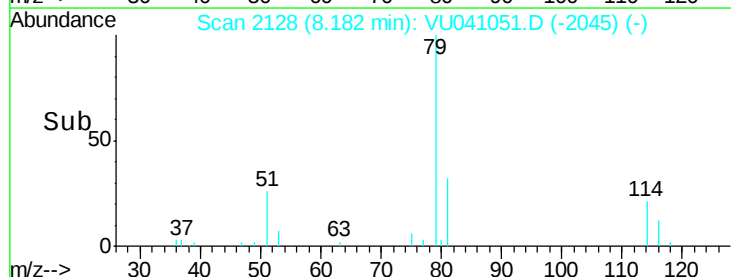
100

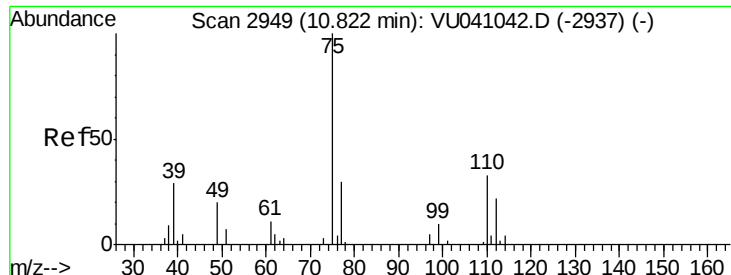
0

8.16

8.20

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.082 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041051.D

Acq: 02 Nov 2020 15:27

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 3880

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5

