

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041560.D
 Acq On : 11 Dec 2020 01:29
 Operator : SY/MD
 Sample : L5023-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ6

Quant Time: Dec 11 07:35:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	39350	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	36774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9610	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	9255	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	18673	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.65	46	29441	38.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.70%
24) Chloroform-d	5.08	84	28514	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.72	65	19330	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	44233	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.70	67	11381	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.91	98	36092	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	5831	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.64	63	18776	31.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	9434	3.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	16643	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

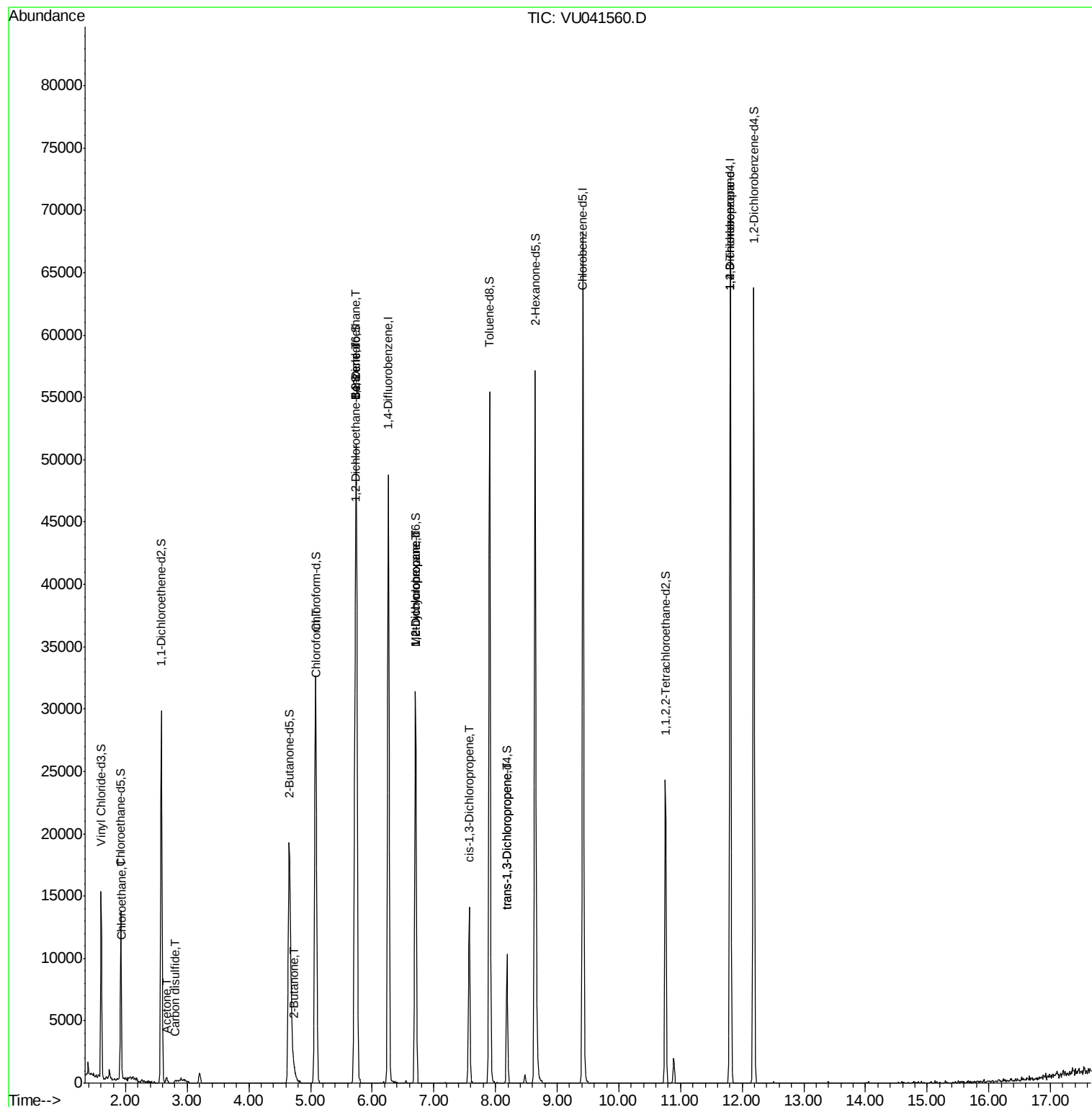
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	120	0.069	ug/L #	45
13) Acetone	2.67	43	444	0.752	ug/L	89
14) Carbon disulfide	2.81	76	372	0.052	ug/L #	76
21) 2-Butanone	4.74	43	1103	1.494	ug/L #	50
25) Chloroform	5.10	83	349	0.064	ug/L	89
27) 1,2-Dichloroethane	5.75	62	208	0.049	ug/L #	79
33) Benzene	5.74	78	379	0.042	ug/L	100
35) Methylcyclohexane	6.70	83	3733	0.996	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1788	0.838	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	477	0.124	ug/L	88
44) trans-1,3-Dichloropropene	8.19	75	271	0.070	ug/L #	53
59) 1,2,3-Trichloropropane	11.81	75	1859	0.898	ug/L #	84

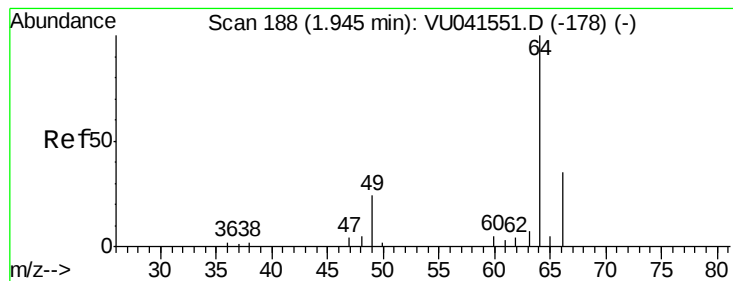
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121020\
Data File : VU041560.D
Acq On : 11 Dec 2020 01:29
Operator : SY/MD
Sample : L5023-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ6

Quant Time: Dec 11 07:35:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.069 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU041560.D

Acq: 11 Dec 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

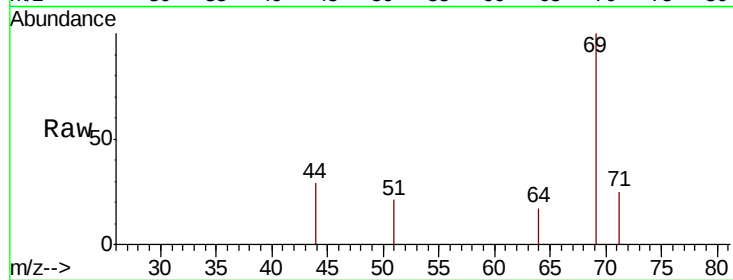
C0AZ6

Tot Ion: 64 Resp: 120

Ion Ratio Lower Upper

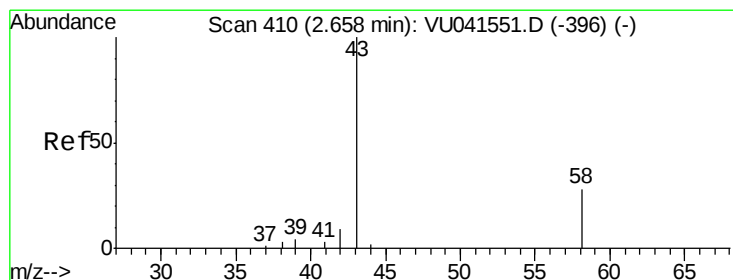
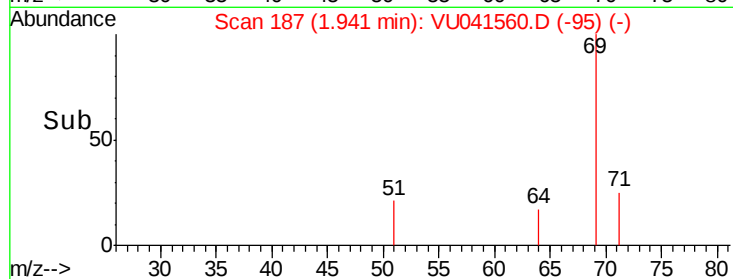
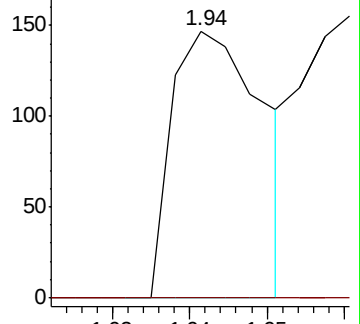
64 100

66 0.0 20.9 38.9#



Abundance Ion 64.10 (63.80 to 64.80): VU041551.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU041551.D (-178) (-)



#13

Acetone

Concen: 0.752 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU041560.D

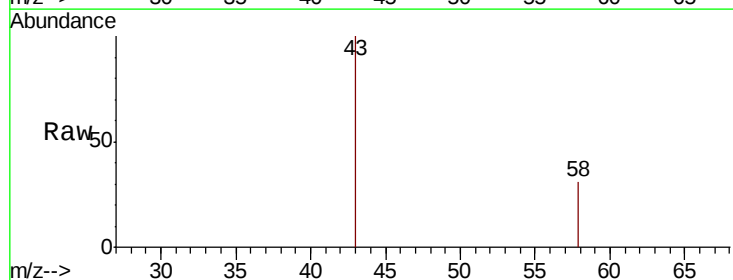
Acq: 11 Dec 2020 01:29

Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

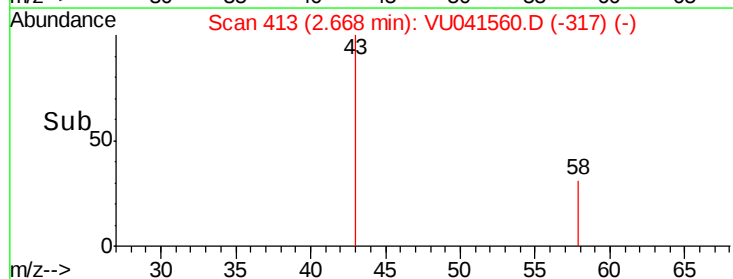
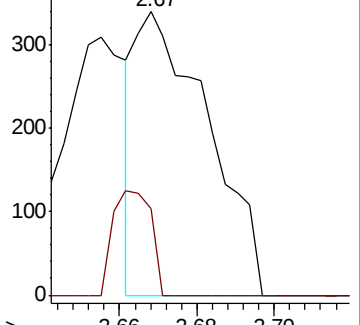
43 100

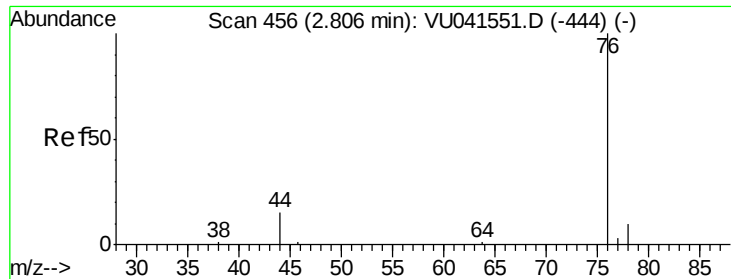
58 19.6 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU041551.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041551.D (-396) (-)





#14

Carbon disulfide

Concen: 0.052 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041560.D

Acq: 11 Dec 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

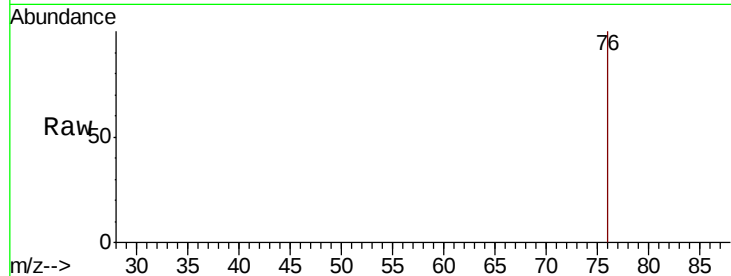
C0AZ6

Tot Ion: 76 Resp: 372

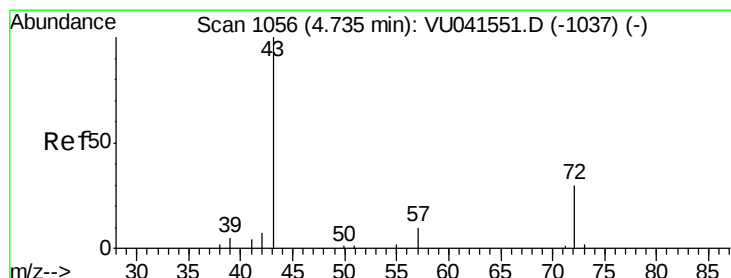
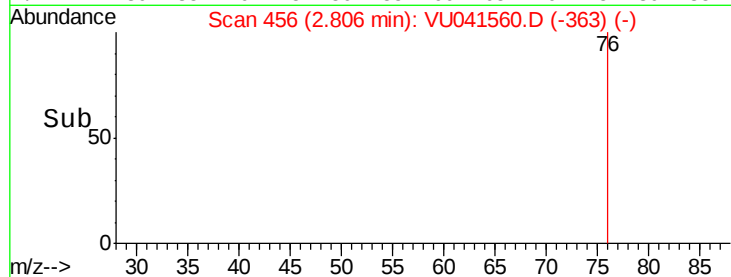
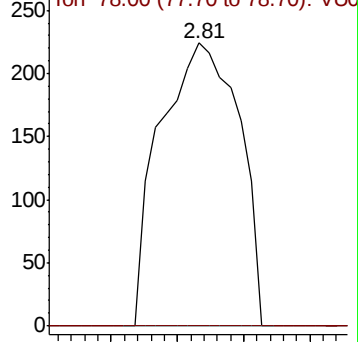
Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VU041551.D (-444) (-)



#21

2-Butanone

Concen: 1.494 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU041560.D

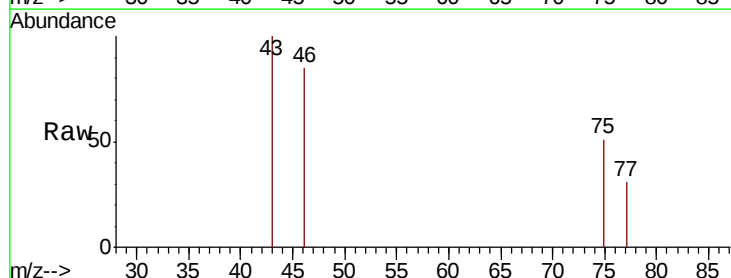
Acq: 11 Dec 2020 01:29

Tgt Ion: 43 Resp: 1103

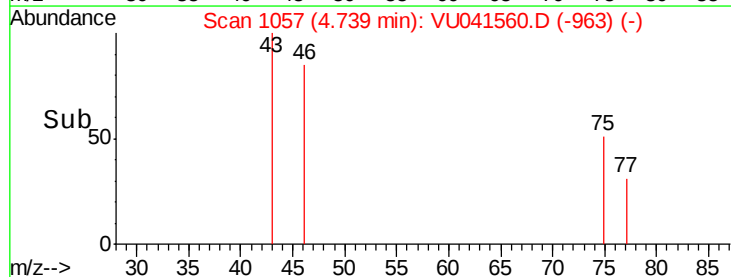
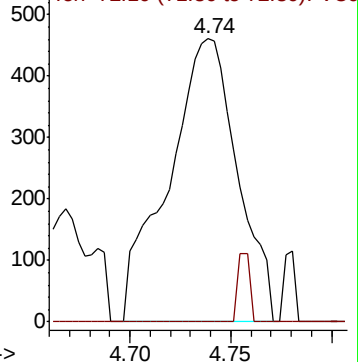
Ion Ratio Lower Upper

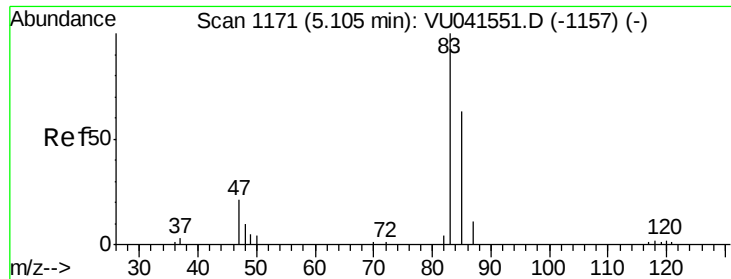
43 100

72 3.9 15.7 47.1#



Abundance Ion 43.05 (42.75 to 43.75): VU041551.D (-1037) (-)

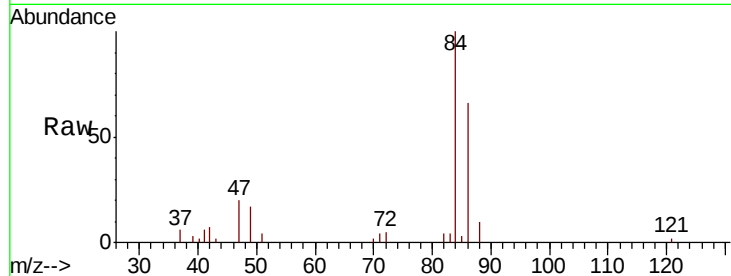




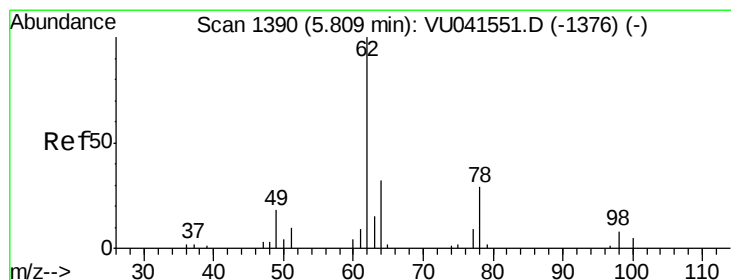
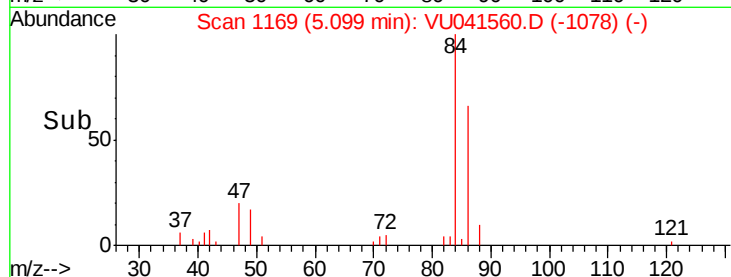
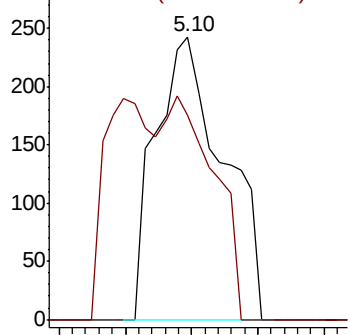
#25
Chloroform
Concen: 0.064 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041560.D
Acq: 11 Dec 2020 01:29

Instrument :
MSVOA_U
ClientSampled :
C0AZ6

Tot Ion: 83 Resp: 349
Ion Ratio Lower Upper
83 100
85 72.4 44.7 82.9

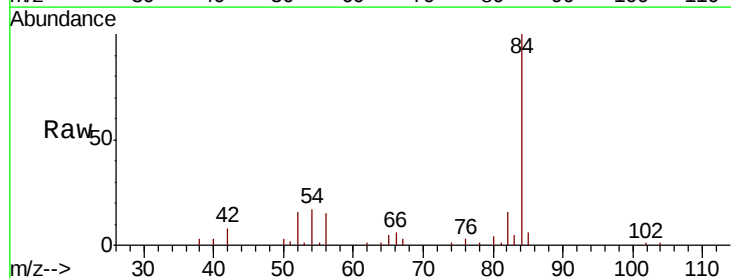


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

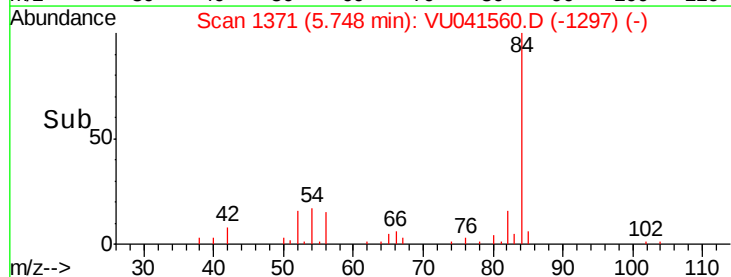
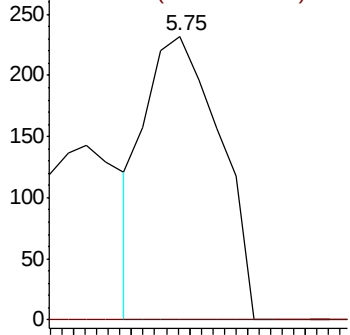


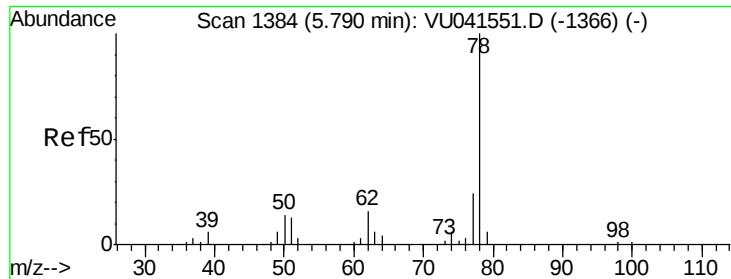
#27
1,2-Dichloroethane
Concen: 0.049 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU041560.D
Acq: 11 Dec 2020 01:29

Tgt Ion: 62 Resp: 208
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

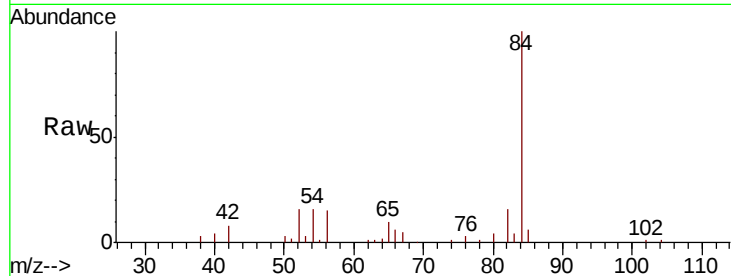




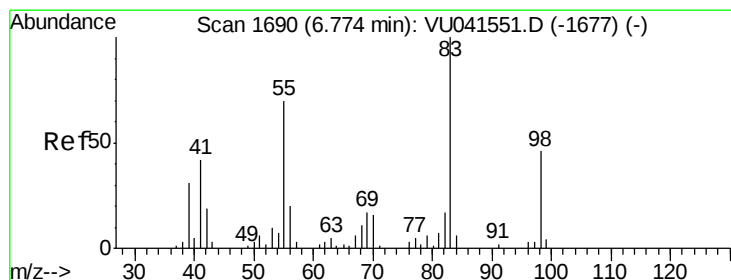
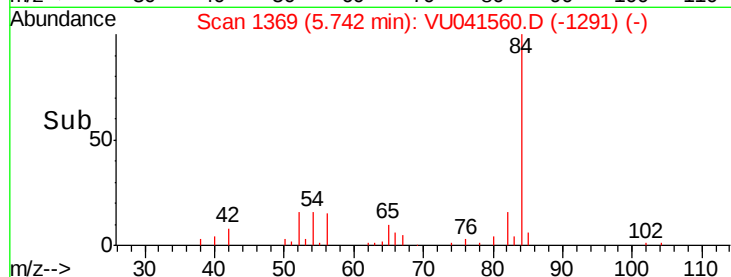
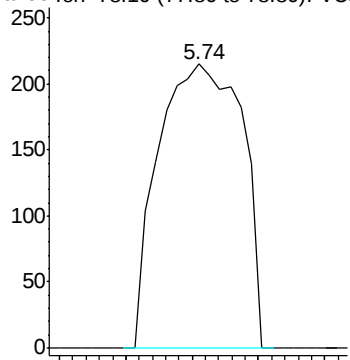
#33
Benzene
Concen: 0.042 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.05 min
Lab File: VU041560.D
Acq: 11 Dec 2020 01:29

Instrument :
MSVOA_U
ClientSampleId :
C0AZ6

Tgt Ion: 78 Resp: 379

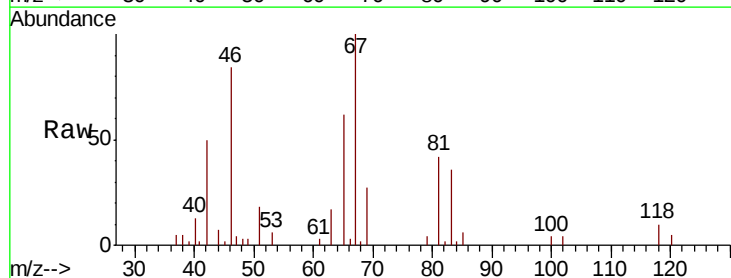


Abundance Ion 78.10 (77.80 to 78.80): VU0



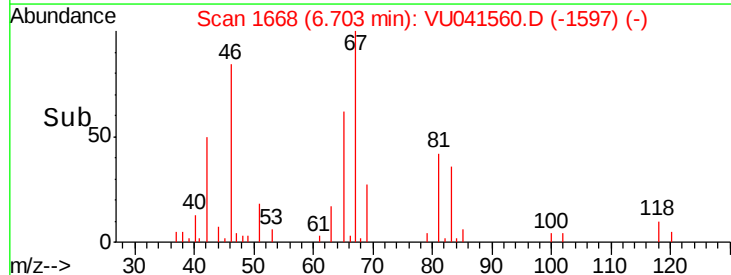
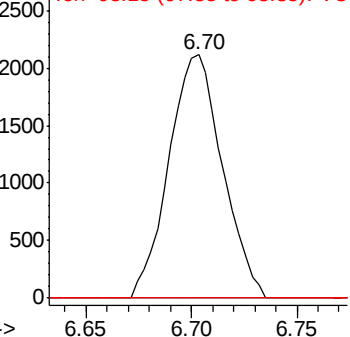
#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041560.D
Acq: 11 Dec 2020 01:29

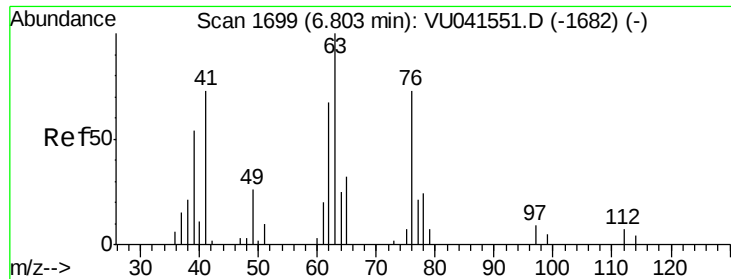
Tgt Ion: 83 Resp: 3733
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#



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

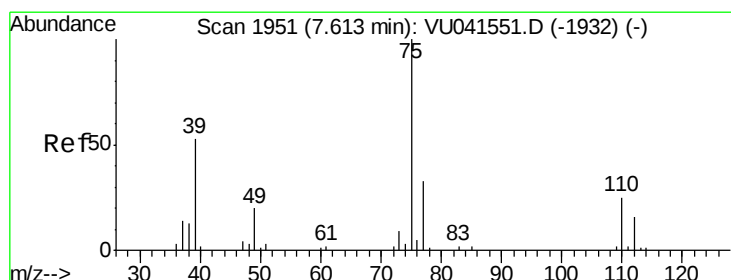
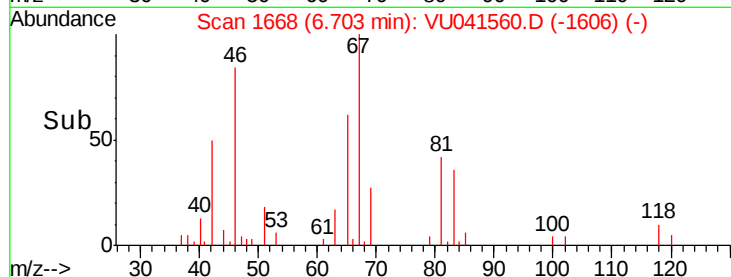
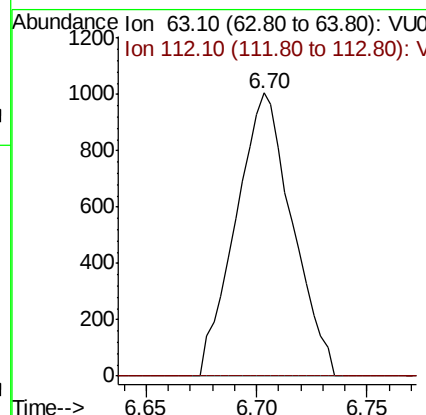
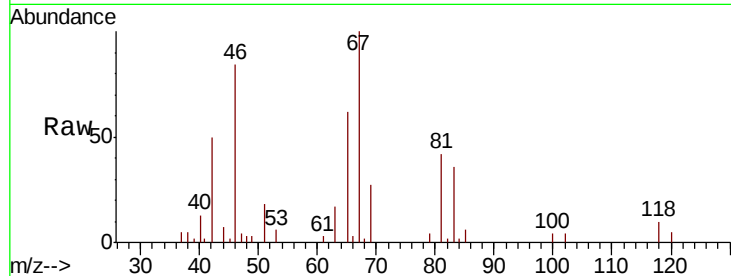




#37
 1,2-Dichloropropane
 Concen: 0.838 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041560.D
 Acq: 11 Dec 2020 01:29

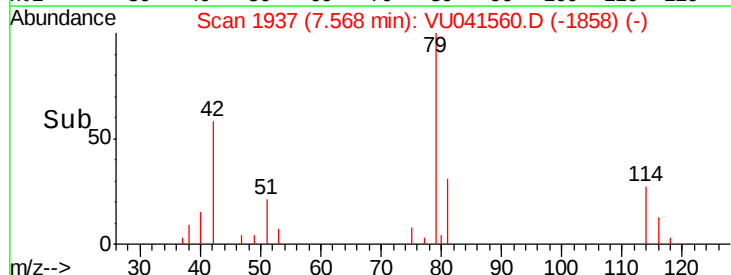
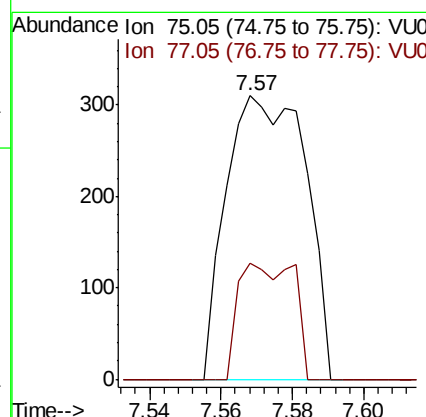
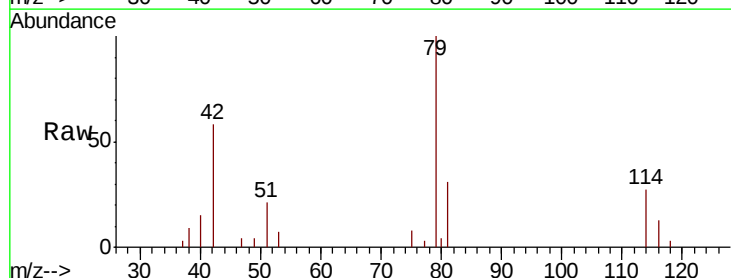
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ6

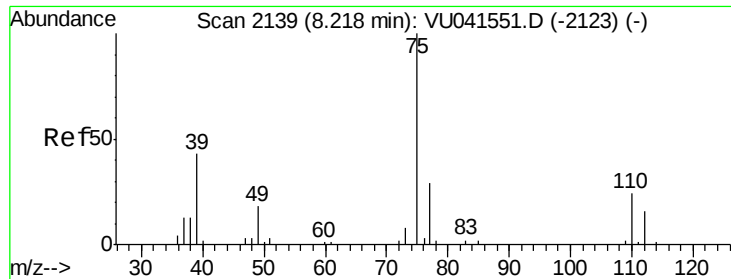
Tot Ion: 63 Resp: 1788
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041560.D
 Acq: 11 Dec 2020 01:29

Tgt Ion: 75 Resp: 477
 Ion Ratio Lower Upper
 75 100
 77 41.0 24.0 44.6





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041560.D

Acq: 11 Dec 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

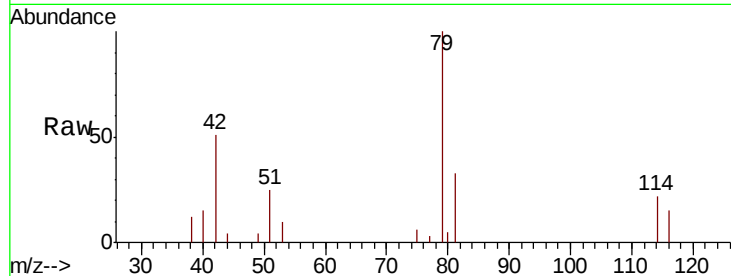
C0AZ6

Tot Ion: 75 Resp: 271

Ion Ratio Lower Upper

75 100

77 59.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

200

150

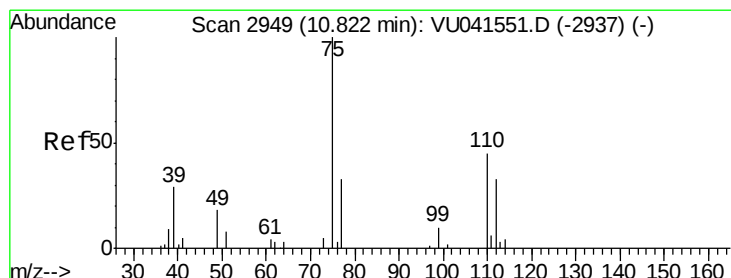
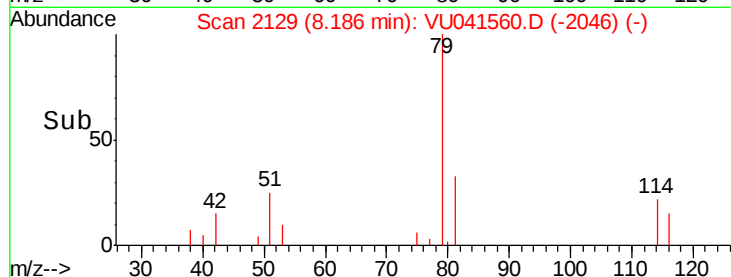
100

50

0

8.16 8.18 8.20

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.898 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041560.D

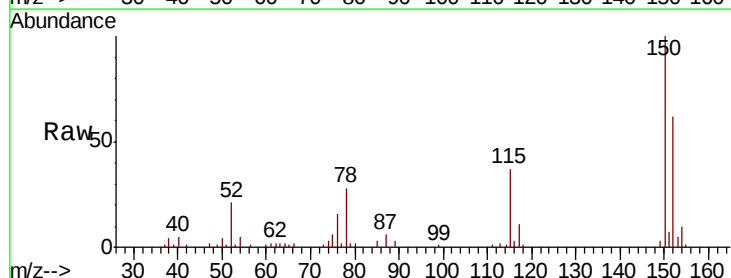
Acq: 11 Dec 2020 01:29

Tgt Ion: 75 Resp: 1859

Ion Ratio Lower Upper

75 100

77 41.7 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

1200

1000

800

600

400

200

0

11.80 11.85

Time-->

