

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122920\
 Data File : VU041833.D
 Acq On : 29 Dec 2020 13:04
 Operator : SY/MD
 Sample : L5204-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM3

Quant Time: Dec 30 01:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 30 01:48:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	151114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	148284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	53981	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.92	69	53436	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.57	63	82076	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.66	46	146689	43.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.46%
24) Chloroform-d	5.08	84	97084	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.71	65	56555	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.74	84	194934	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	60062	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.90	98	171283	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	25202	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.64	63	134406	41.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55002	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	63232	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

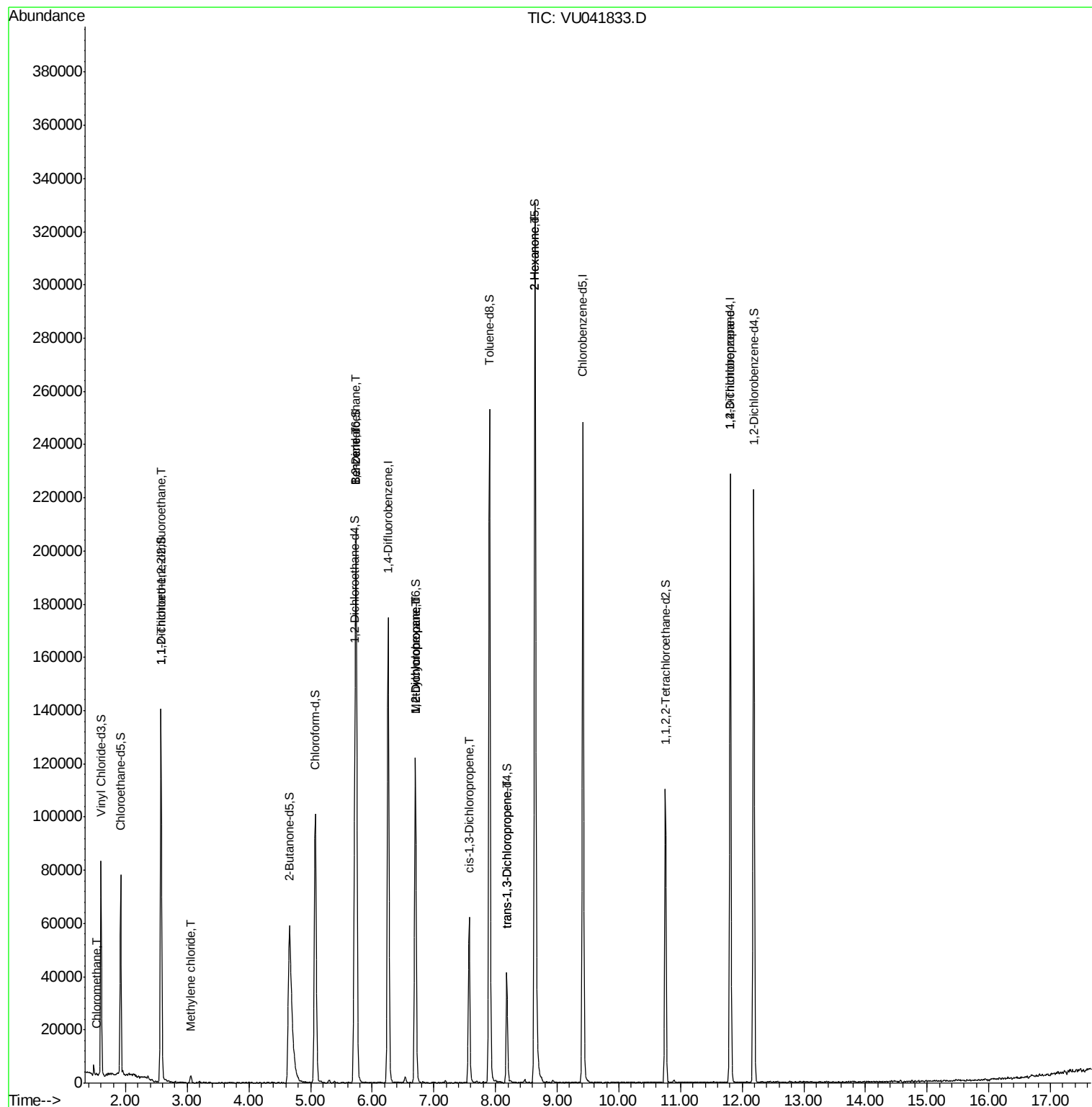
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	585	0.047	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	702	0.068	ug/L #	22
16) Methylene chloride	3.05	84	1510	0.123	ug/L	83
27) 1,2-Dichloroethane	5.74	62	914	0.068	ug/L #	73
33) Benzene	5.74	78	1393	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	14840	0.770	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6312	0.520	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1636	0.091	ug/L #	70
44) trans-1,3-Dichloropropene	8.19	75	790	0.049	ug/L #	40
48) 2-Hexanone	8.64	43	13824	2.201	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	6822	0.749	ug/L	97

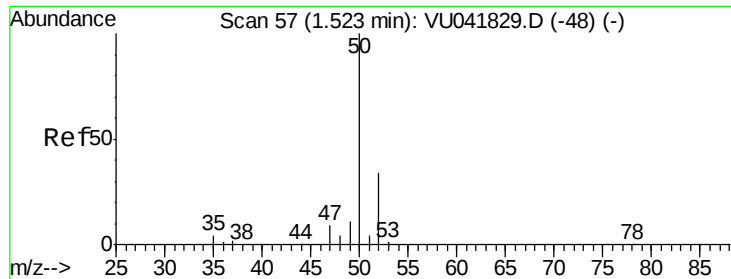
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 30 01:48:43 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: VU041833.D

Acq: 29 Dec 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

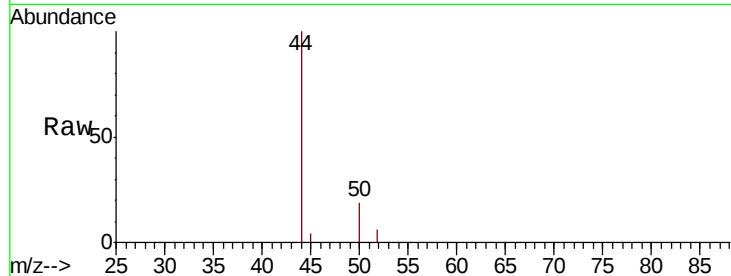
C0AM3

Tot Ion: 50 Resp: 585

Ion Ratio Lower Upper

50 100

52 31.0 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.52

600

500

400

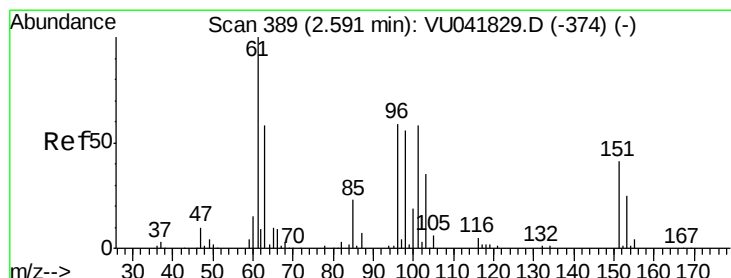
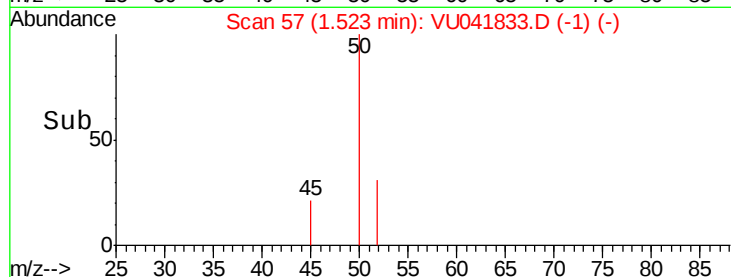
300

200

100

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.068 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041833.D

Acq: 29 Dec 2020 13:04

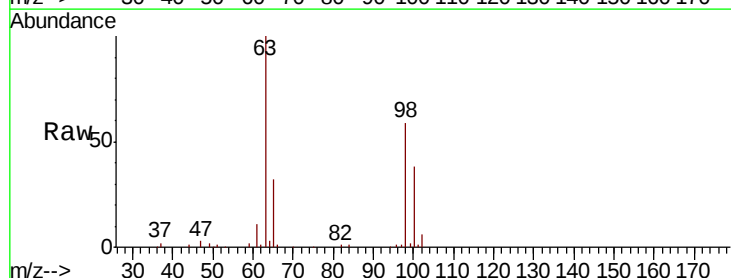
Tgt Ion:101 Resp: 702

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

800

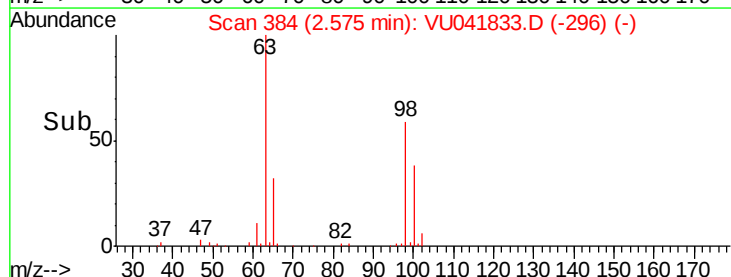
600

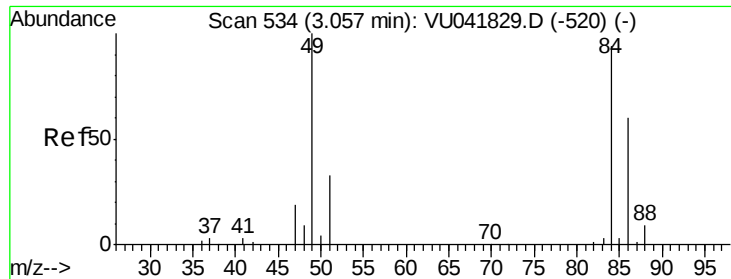
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200

0

Time-->

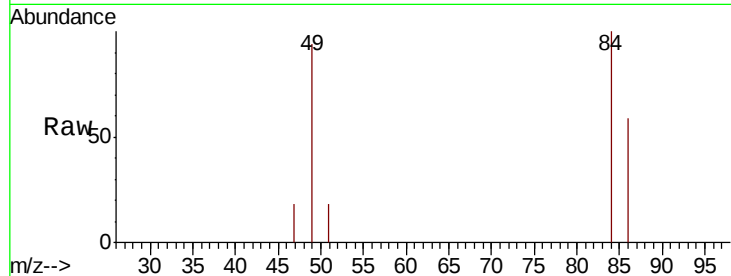




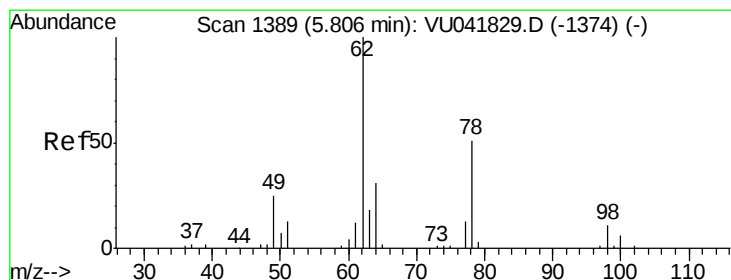
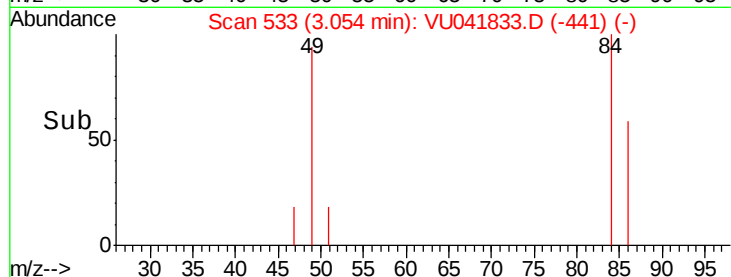
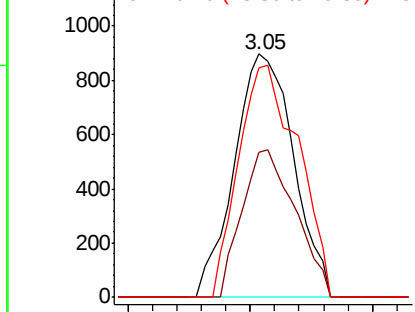
#16
Methylene chloride
Concen: 0.123 ug/L
RT: 3.05 min Scan# 533
Delta R.T. -0.00 min
Lab File: VU041833.D
Acq: 29 Dec 2020 13:04

Instrument :
MSVOA_U
ClientSampleId :
C0AM3

Tot Ion: 84 Resp: 1510
Ion Ratio Lower Upper
84 100
86 59.4 45.1 83.7
49 94.2 83.1 154.3

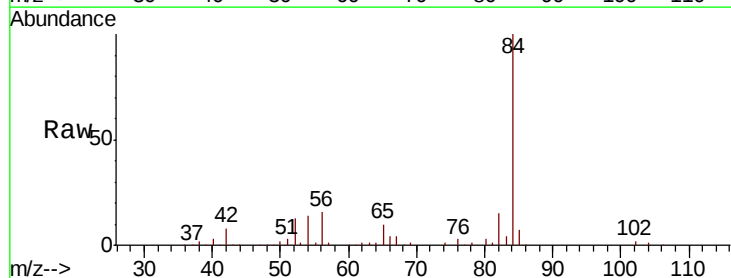


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

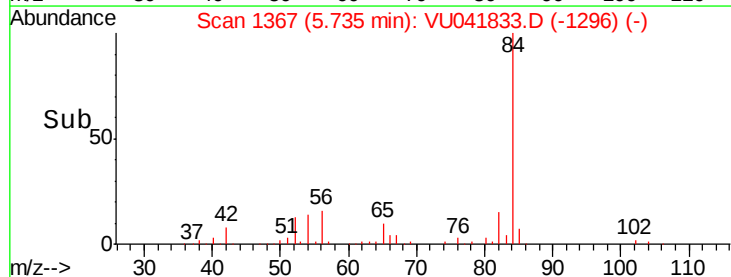
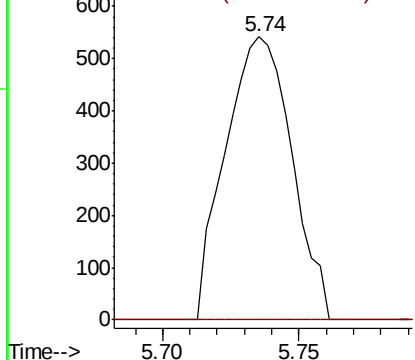


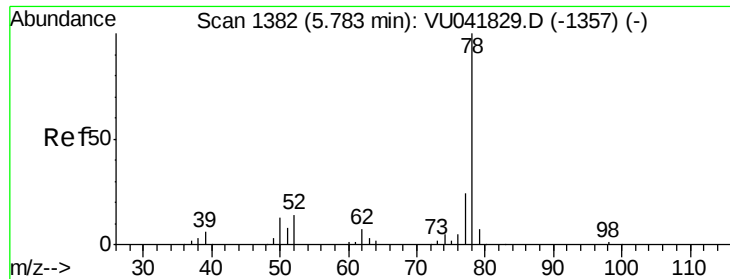
#27
1,2-Dichloroethane
Concen: 0.068 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU041833.D
Acq: 29 Dec 2020 13:04

Tgt Ion: 62 Resp: 914
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#



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





#33

Benzene

Concen: 0.029 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.04 min

Lab File: VU041833.D

Acq: 29 Dec 2020 13:04

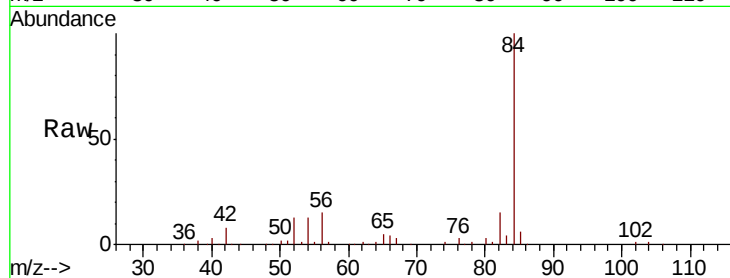
Instrument :

MSVOA_U

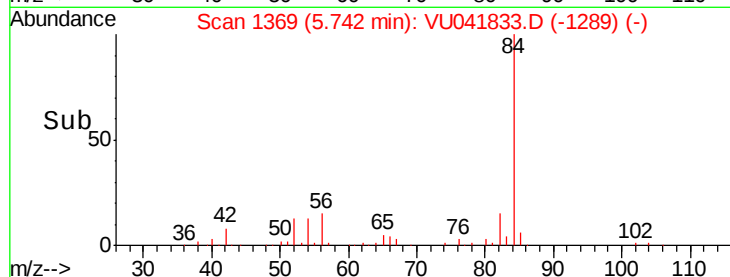
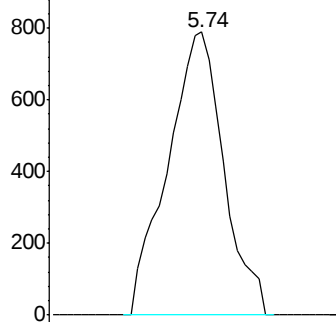
ClientSampleId :

C0AM3

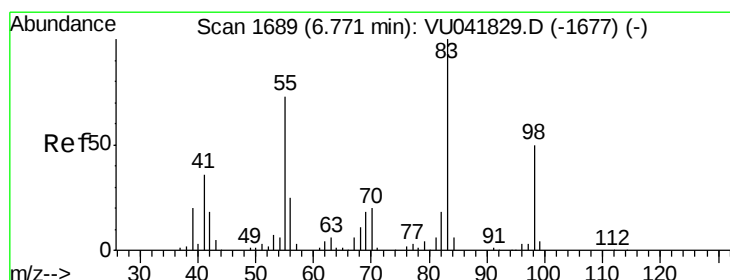
Tgt Ion: 78 Resp: 1393



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041833.D

Acq: 29 Dec 2020 13:04

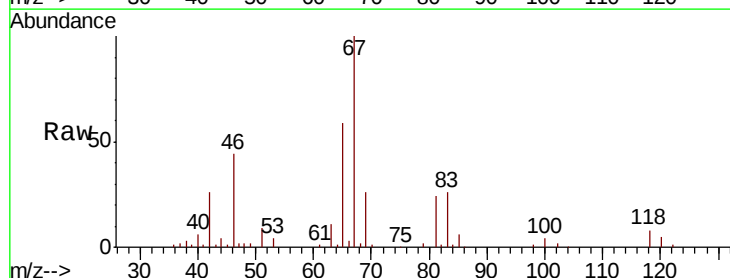
Tgt Ion: 83 Resp: 14840

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

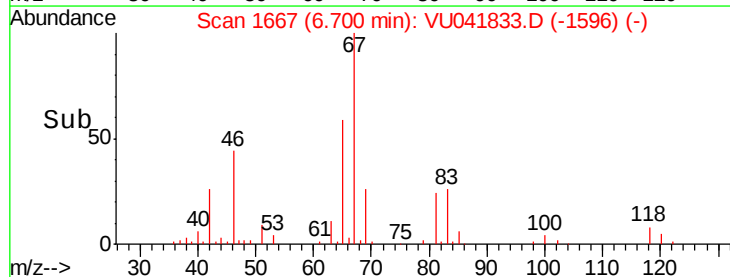
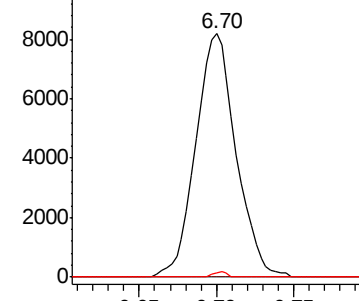
98 0.8 36.6 54.8#



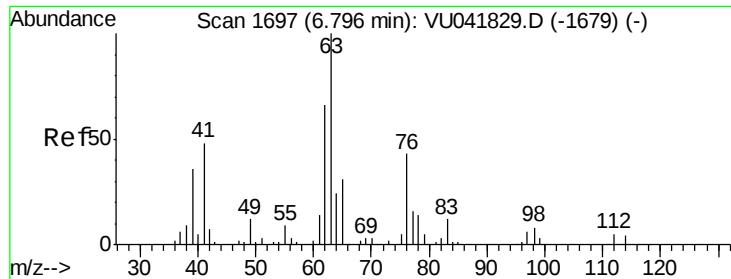
Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



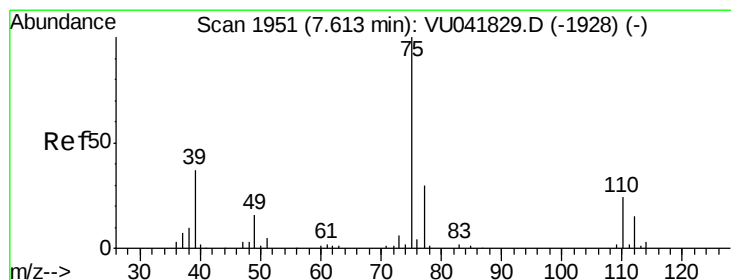
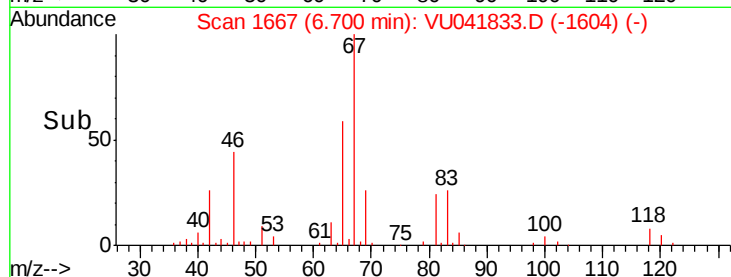
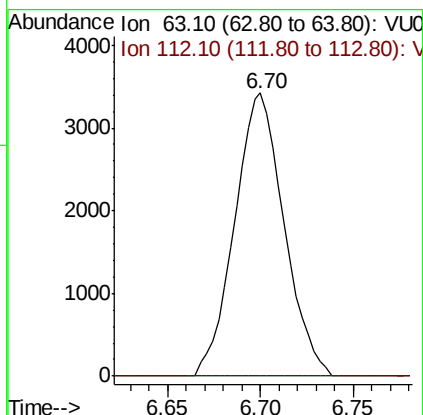
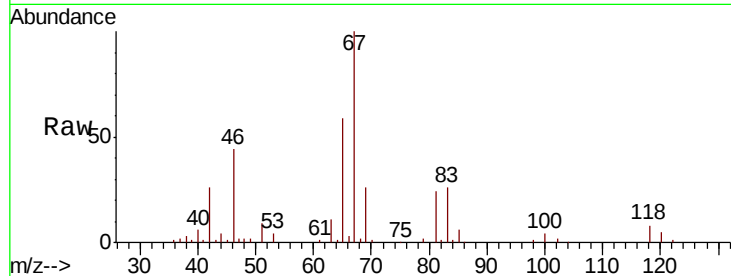
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041833.D
 Acq: 29 Dec 2020 13:04

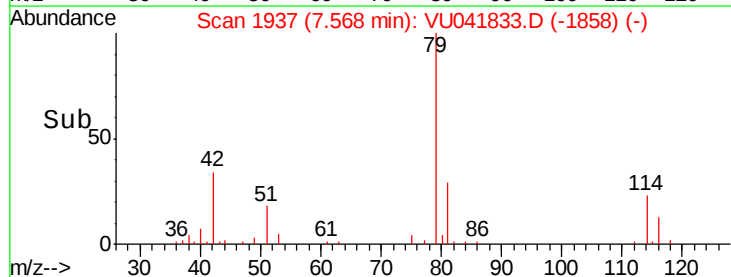
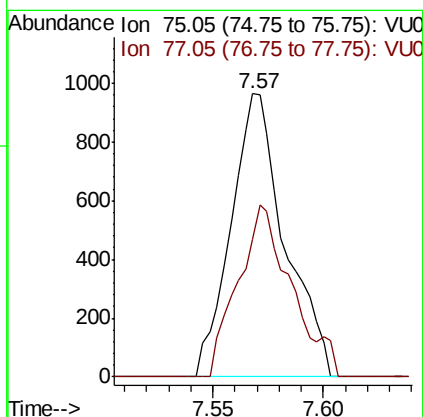
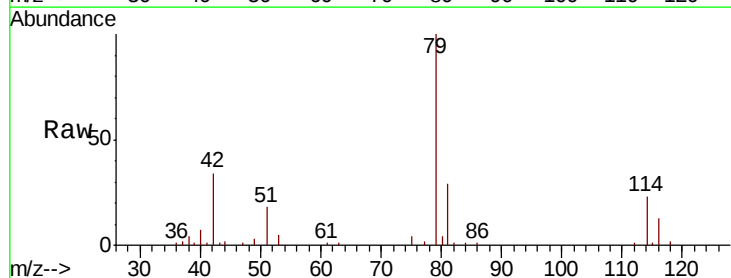
Instrument :
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 C0AM3

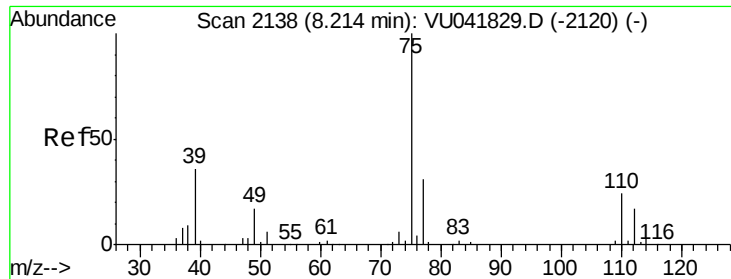
Tot Ion: 63 Resp: 6312
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041833.D
 Acq: 29 Dec 2020 13:04

Tgt Ion: 75 Resp: 1636
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.049 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041833.D

Acq: 29 Dec 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

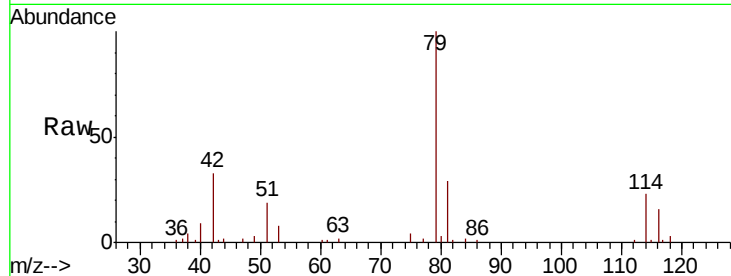
C0AM3

Tot Ion: 75 Resp: 790

Ion Ratio Lower Upper

75 100

77 68.3 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU041829.D (-2120) (-)

Ion 77.05 (76.75 to 77.75): VU041829.D (-2120) (-)

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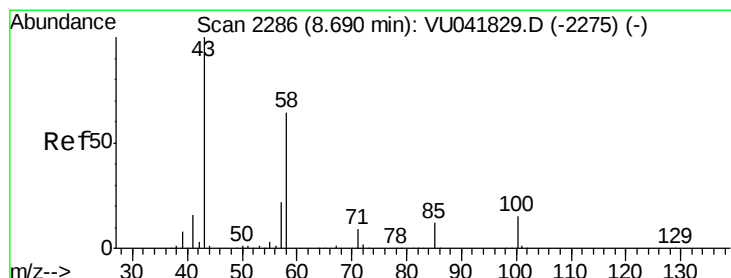
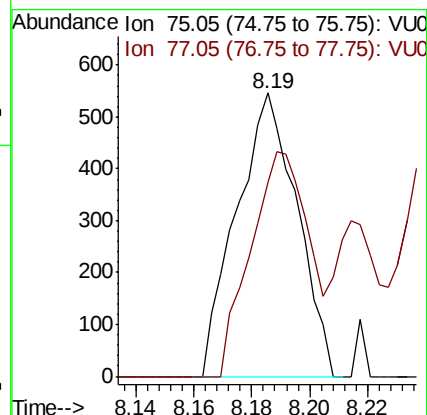
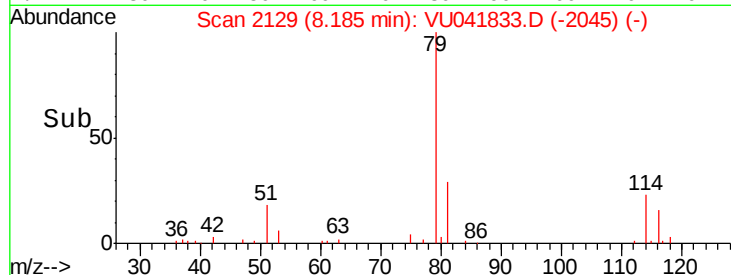
8.19

8.19

8.19

8.19

8.19



#48

2-Hexanone

Concen: 2.201 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041833.D

Acq: 29 Dec 2020 13:04

Tgt Ion: 43 Resp: 13824

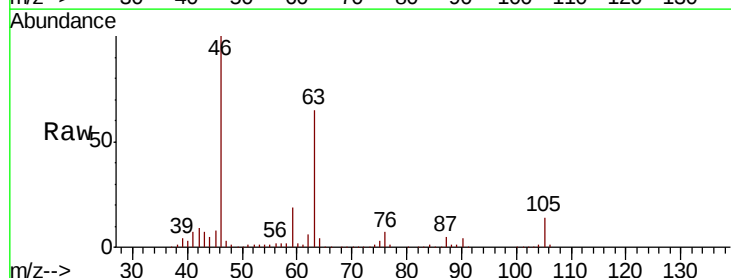
Ion Ratio Lower Upper

43 100

58 37.5 47.9 71.9#

57 33.0 16.5 24.7#

100 1.3 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU041829.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU041829.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU041829.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU041829.D (-2275) (-)

8.64

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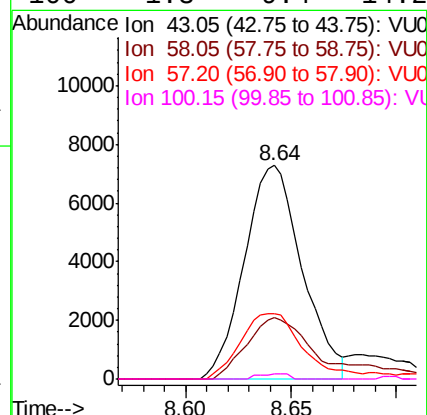
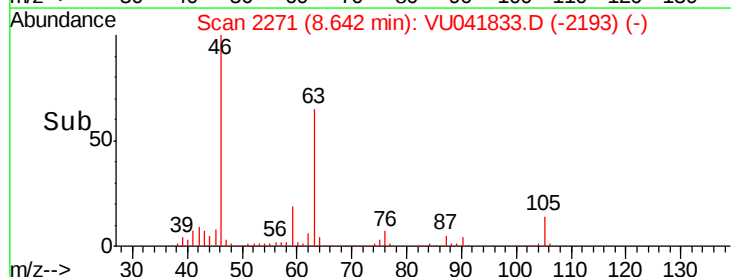
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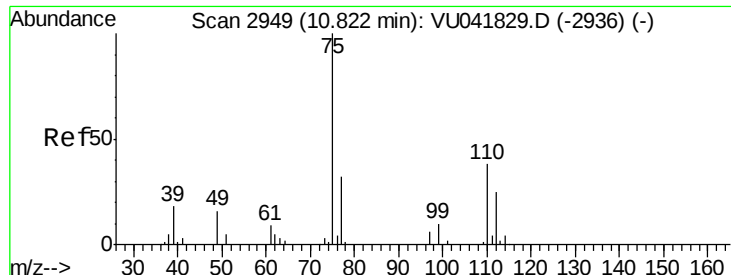
8.64

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8.64

8.64





#59

1,2,3-Trichloropropane

Concen: 0.749 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041833.D

Acq: 29 Dec 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

C0AM3

Tot Ion: 75 Resp: 6822

Ion Ratio Lower Upper

75 100

77 34.5 26.2 39.2

