

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041248.D
 Acq On : 16 Nov 2020 15:20
 Operator : SY/MD
 Sample : L4754-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BW4

Quant Time: Nov 17 07:16:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23143	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.92	69	22650	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.58	63	37101	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.66	46	103378	53.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.08%
24) Chloroform-d	5.08	84	52079	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.72	65	33302	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.74	84	91673	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	34447	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	70631	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	8.19	79	10496	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.64	63	67833	44.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29278	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	27126	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

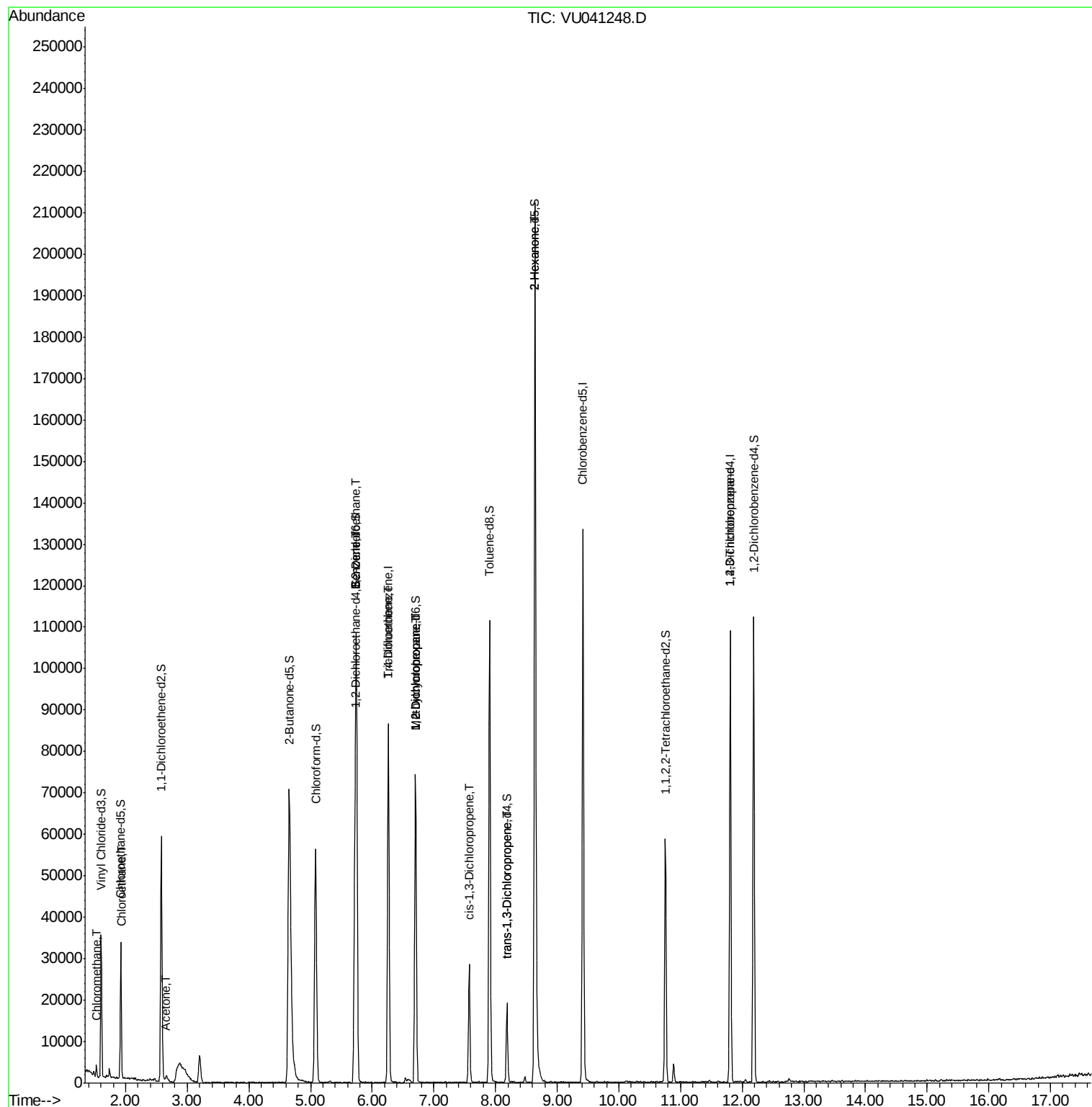
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2006	0.354	ug/L	100
8) Chloroethane	1.94	64	142	0.039	ug/L #	43
13) Acetone	2.66	43	3298	2.575	ug/L	89
27) 1,2-Dichloroethane	5.74	62	494	0.070	ug/L #	74
33) Benzene	5.74	78	660	0.034	ug/L	100
34) Trichloroethene	6.26	95	1112	0.212	ug/L #	7
35) Methylcyclohexane	6.70	83	8064	1.157	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	4004	0.706	ug/L #	86
39) cis-1,3-Dichloropropene	7.56	75	800	0.101	ug/L #	66
44) trans-1,3-Dichloropropene	8.18	75	527	0.070	ug/L #	76
48) 2-Hexanone	8.64	43	10456	2.982	ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	3443	0.769	ug/L	90

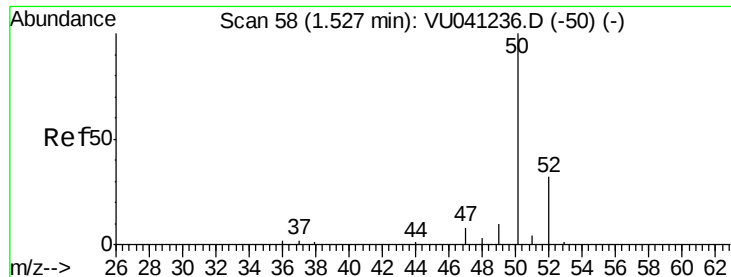
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.354 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041248.D

Acq: 16 Nov 2020 15:20

Instrument :

MSVOA_U

ClientSampleId :

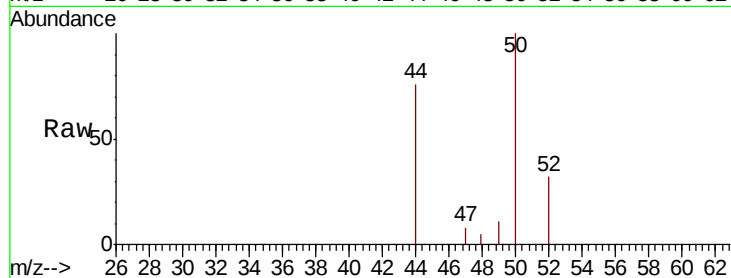
C0BW4

Tot Ion: 50 Resp: 2006

Ion Ratio Lower Upper

50 100

52 32.1 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041236.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU041236.D (-50) (-)

1.53

2000

1500

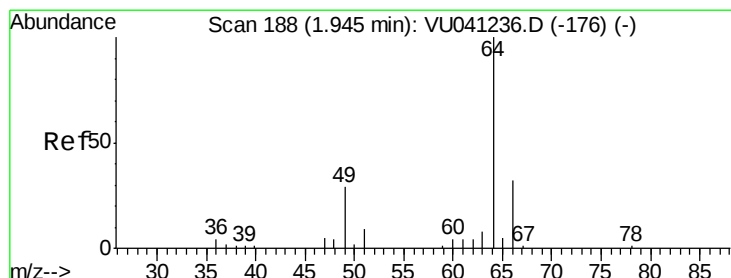
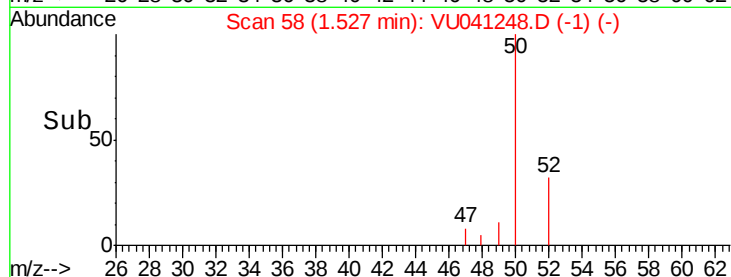
1000

500

0

Time-->

1.48 1.50 1.52 1.54 1.56



#8

Chloroethane

Concen: 0.039 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU041248.D

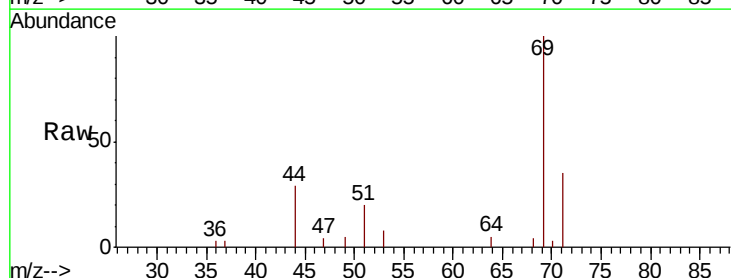
Acq: 16 Nov 2020 15:20

Tgt Ion: 64 Resp: 142

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU041236.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU041236.D (-176) (-)

1.94

150

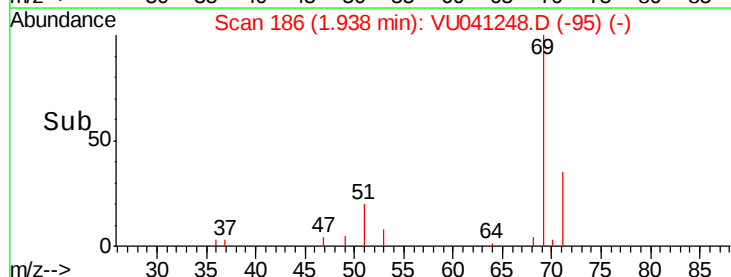
100

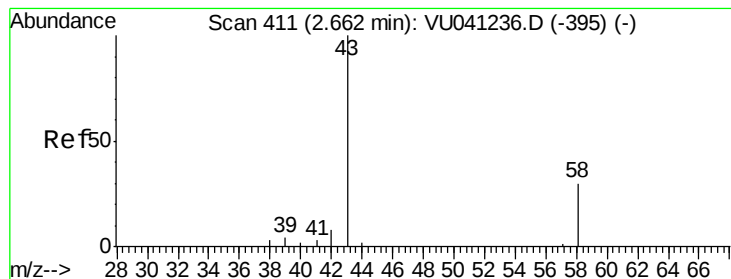
50

0

Time-->

1.93 1.94 1.95





#13

Acetone

Concen: 2.575 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU041248.D

Acq: 16 Nov 2020 15:20

Instrument :

MSVOA_U

ClientSampleId :

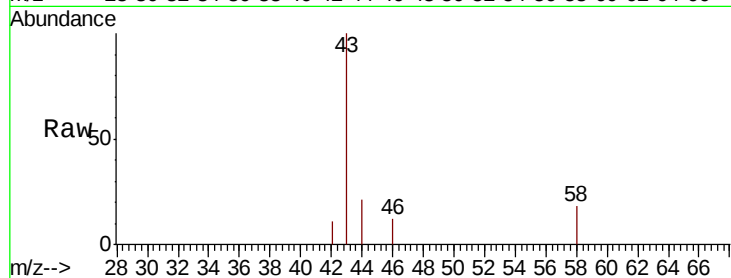
C0BW4

Tot Ion: 43 Resp: 3298

Ion Ratio Lower Upper

43 100

58 16.9 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU041236.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041236.D (-395) (-)

2.66

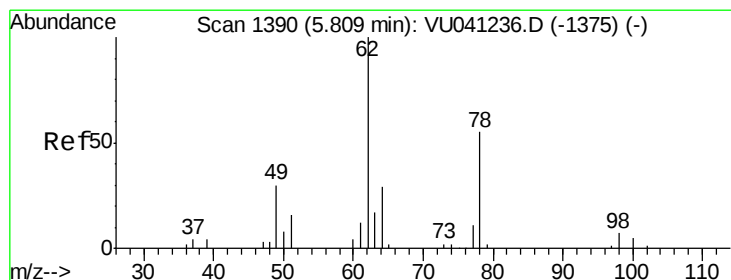
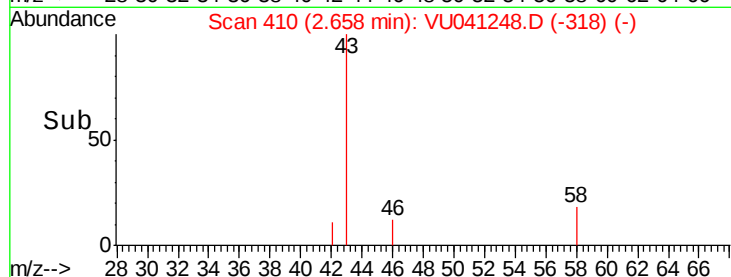
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#27

1,2-Dichloroethane

Concen: 0.070 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.07 min

Lab File: VU041248.D

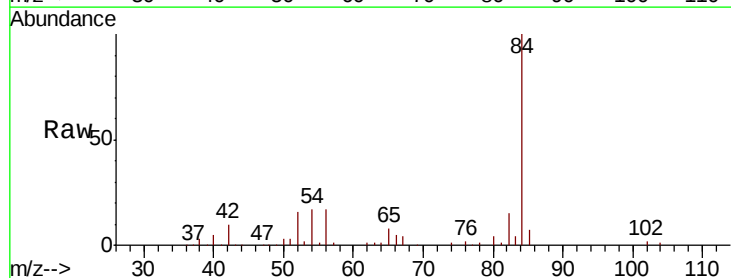
Acq: 16 Nov 2020 15:20

Tgt Ion: 62 Resp: 494

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU041236.D (-1375) (-)

Ion 98.05 (97.75 to 98.75): VU041236.D (-1375) (-)

5.74

300

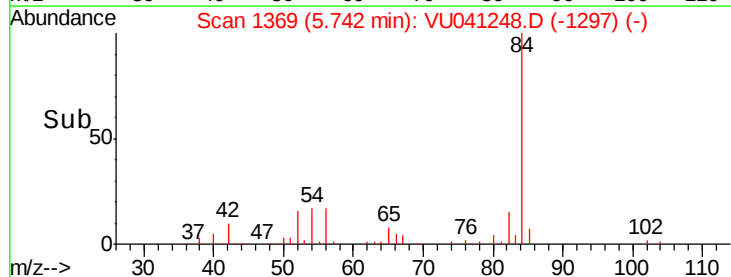
200

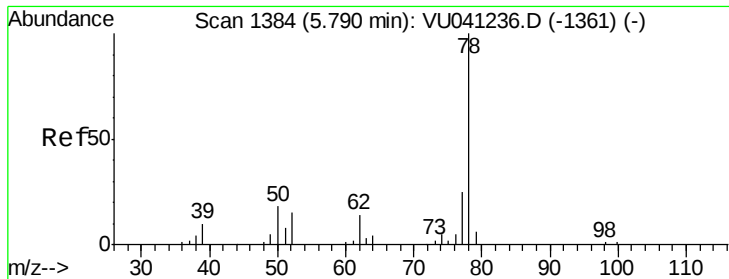
100

0

5.70 5.72 5.74 5.76 5.78

Time-->





#33

Benzene

Concen: 0.034 ug/L

RT: 5.74 min Scan# 1367

Delta R.T. -0.05 min

Lab File: VU041248.D

Acq: 16 Nov 2020 15:20

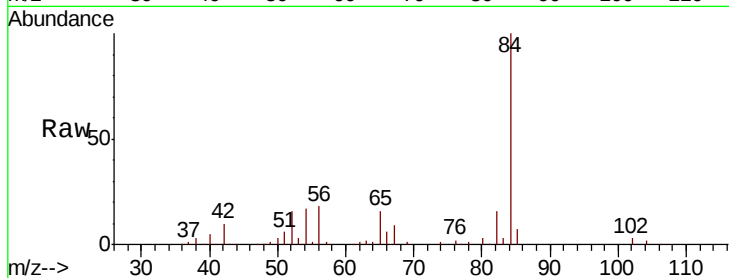
Instrument :

MSVOA_U

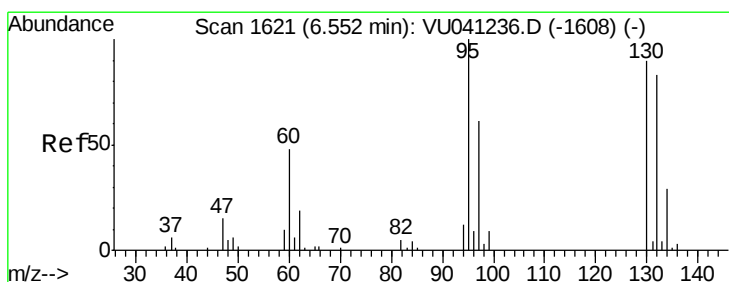
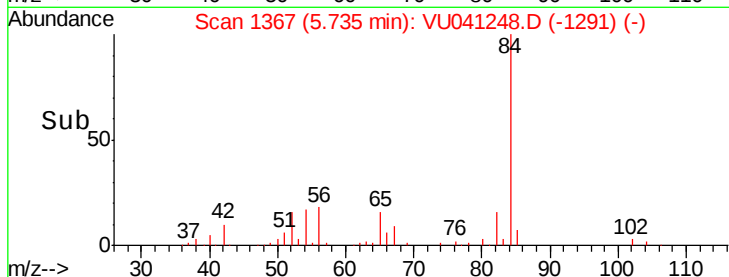
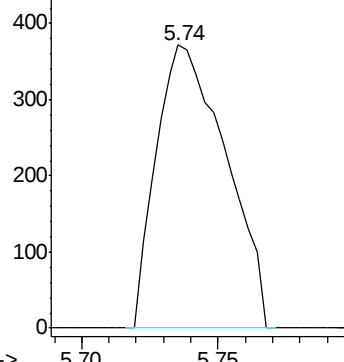
ClientSampled :

C0BW4

Tgt Ion: 78 Resp: 660



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.212 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU041248.D

Acq: 16 Nov 2020 15:20

Tgt Ion: 95 Resp: 1112

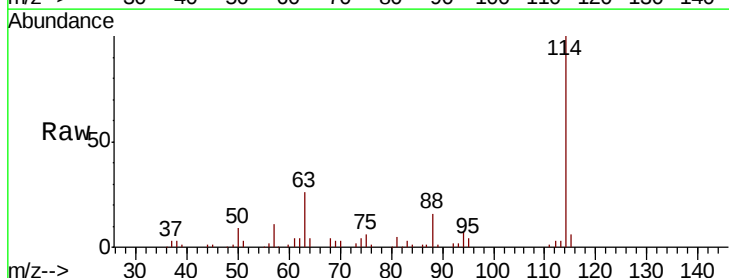
Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.6#

132 0.0 64.8 120.4#

130 0.0 64.8 120.4#

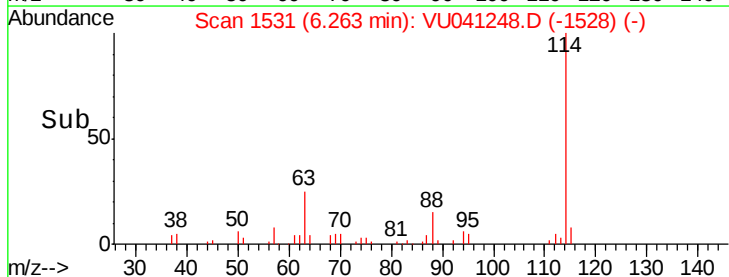
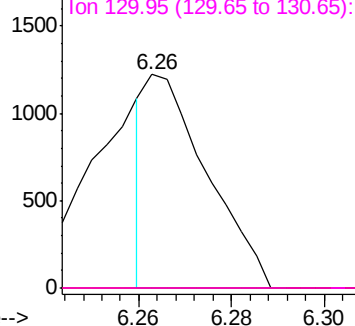


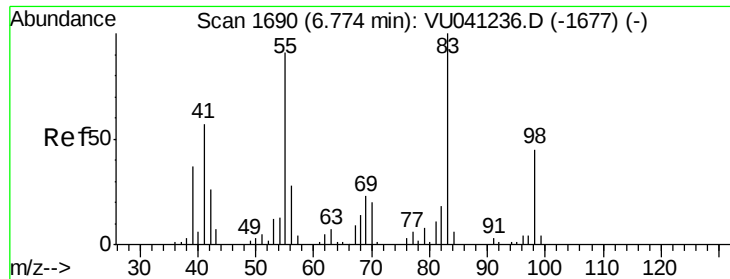
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

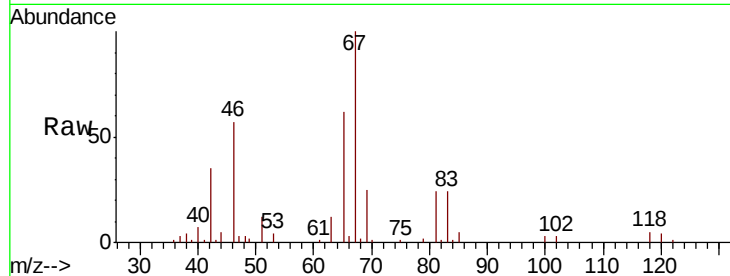




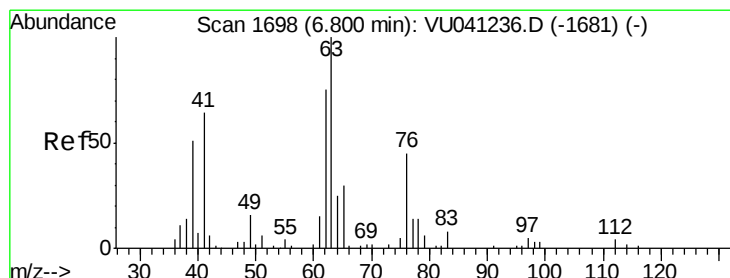
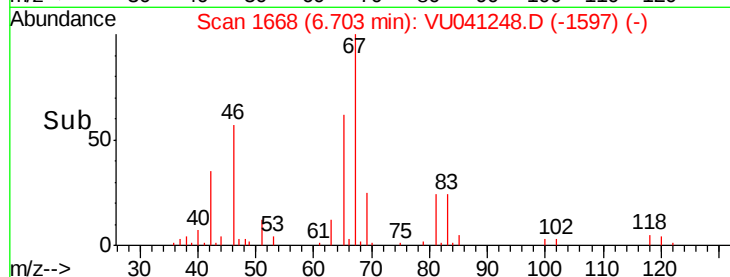
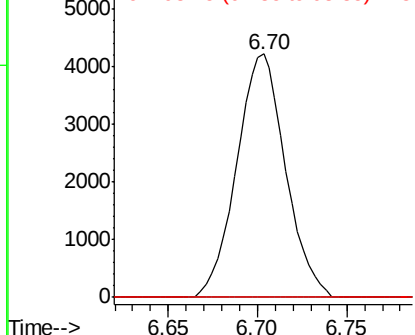
#35
Methylcyclohexane
Concen: 1.157 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041248.D
Acq: 16 Nov 2020 15:20

Instrument :
MSVOA_U
ClientSampled :
C0BW4

Tot Ion: 83 Resp: 8064
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 2.7 36.6 55.0#

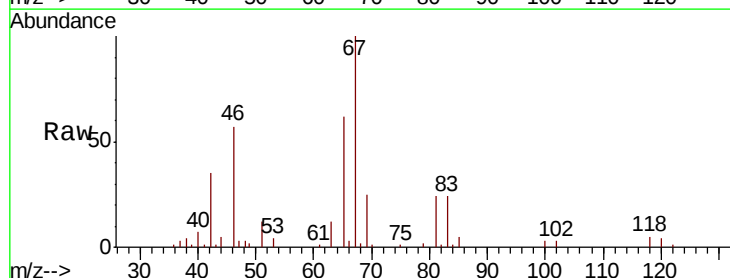


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

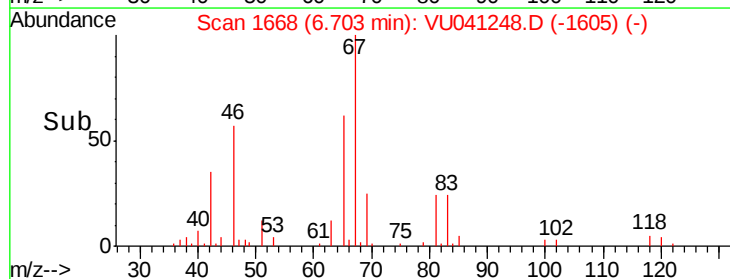
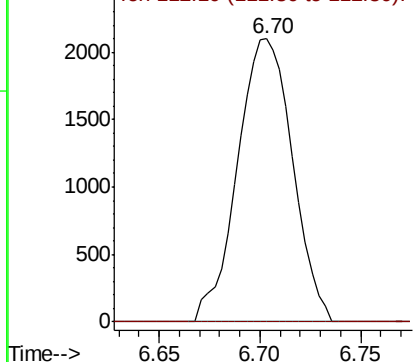


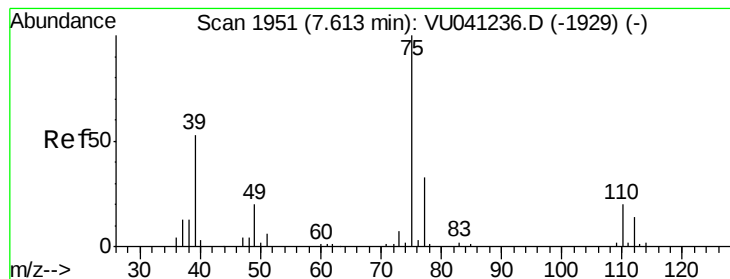
#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041248.D
Acq: 16 Nov 2020 15:20

Tgt Ion: 63 Resp: 4004
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



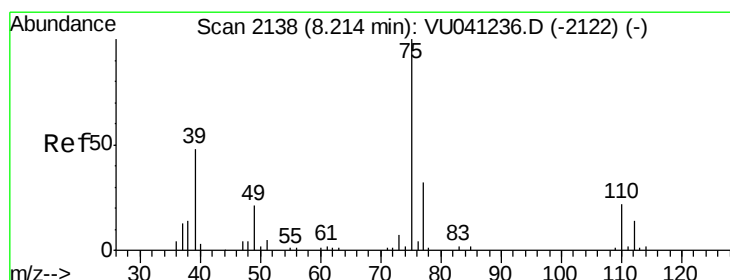
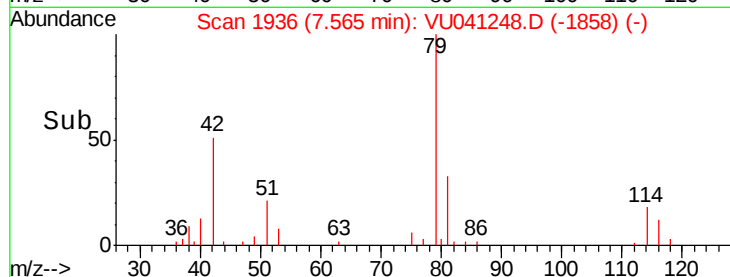
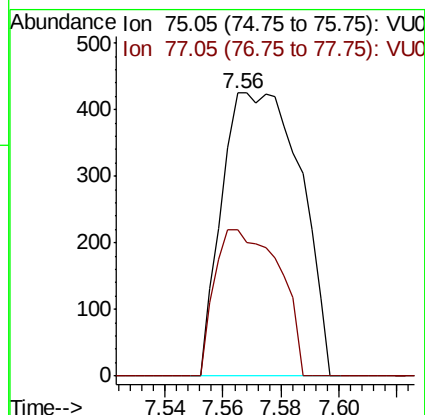
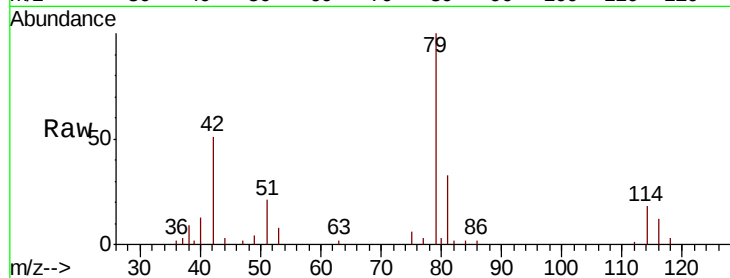


#39

cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.56 min Scan# 1936
Delta R.T. -0.05 min
Lab File: VU041248.D
Acq: 16 Nov 2020 15:20

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ClientSampleId :
C0BW4

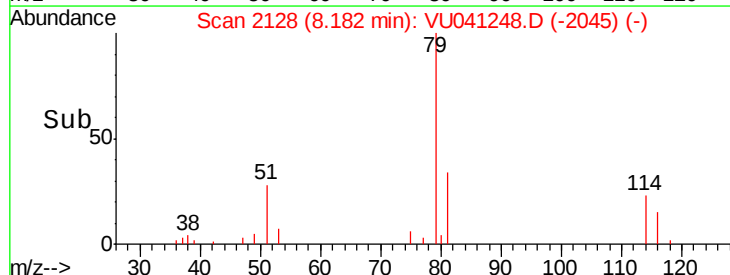
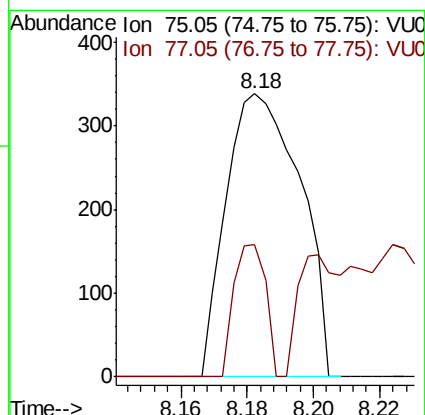
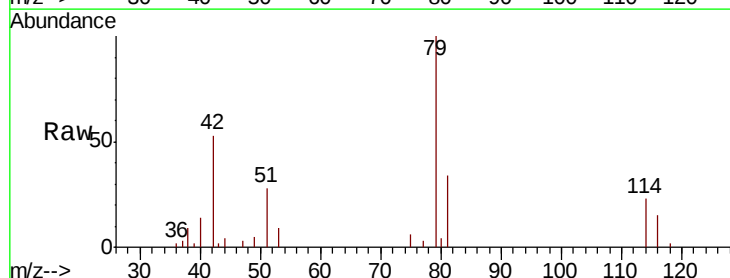
Tot Ion: 75 Resp: 800
Ion Ratio Lower Upper
75 100
77 51.8 22.7 42.3#

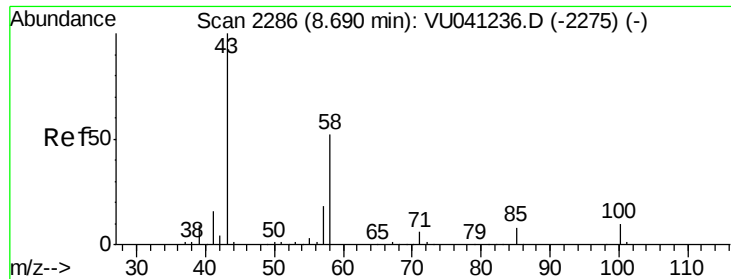


#44

trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041248.D
Acq: 16 Nov 2020 15:20

Tgt Ion: 75 Resp: 527
Ion Ratio Lower Upper
75 100
77 47.0 23.3 43.3#

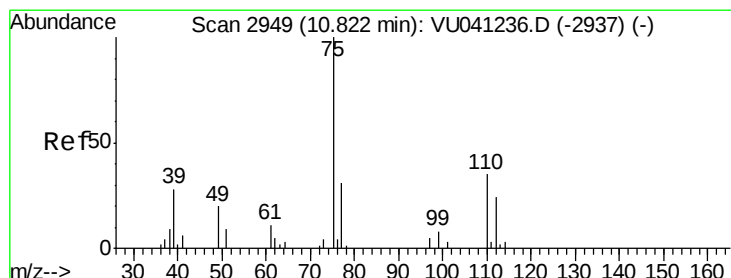
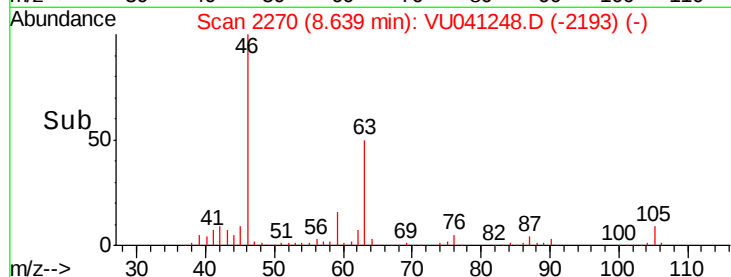
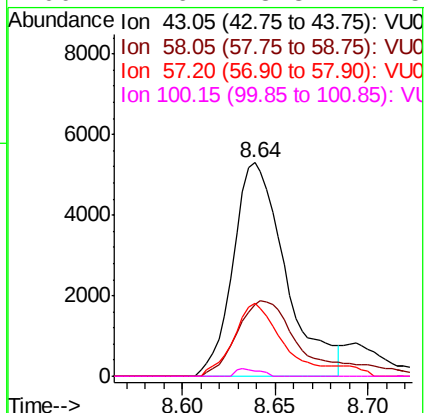
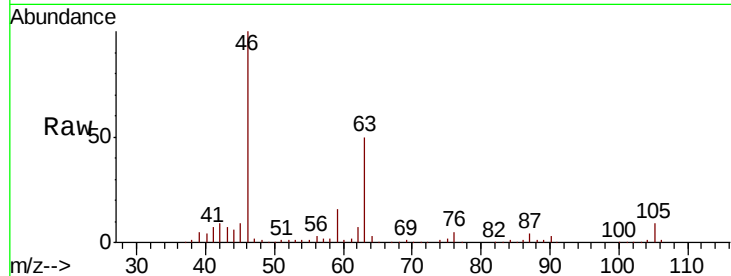




#48
2-Hexanone
Concen: 2.982 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041248.D
Acq: 16 Nov 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
C0BW4

Tot Ion:	43	Resp:	10456
Ion	Ratio	Lower	Upper
43	100		
58	44.1	41.4	62.2
57	34.2	14.6	21.8#
100	1.6	8.3	12.5#



#59
1,2,3-Trichloropropane
Concen: 0.769 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041248.D
Acq: 16 Nov 2020 15:20

Tgt Ion:	75	Resp:	3443
Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.7	38.5

