

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041569.D
 Acq On : 11 Dec 2020 04:58
 Operator : SY/MD
 Sample : L5027-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J2

Quant Time: Dec 11 07:36:58 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	43604	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	44573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9970	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.92	69	9698	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.58	63	19307	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	31152	37.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.18%
24) Chloroform-d	5.08	84	29564	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	19052	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.74	84	45933	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	11655	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.20%
41) Toluene-d8	7.90	98	43938	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	6553	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	22999	32.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	12238	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	17477	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

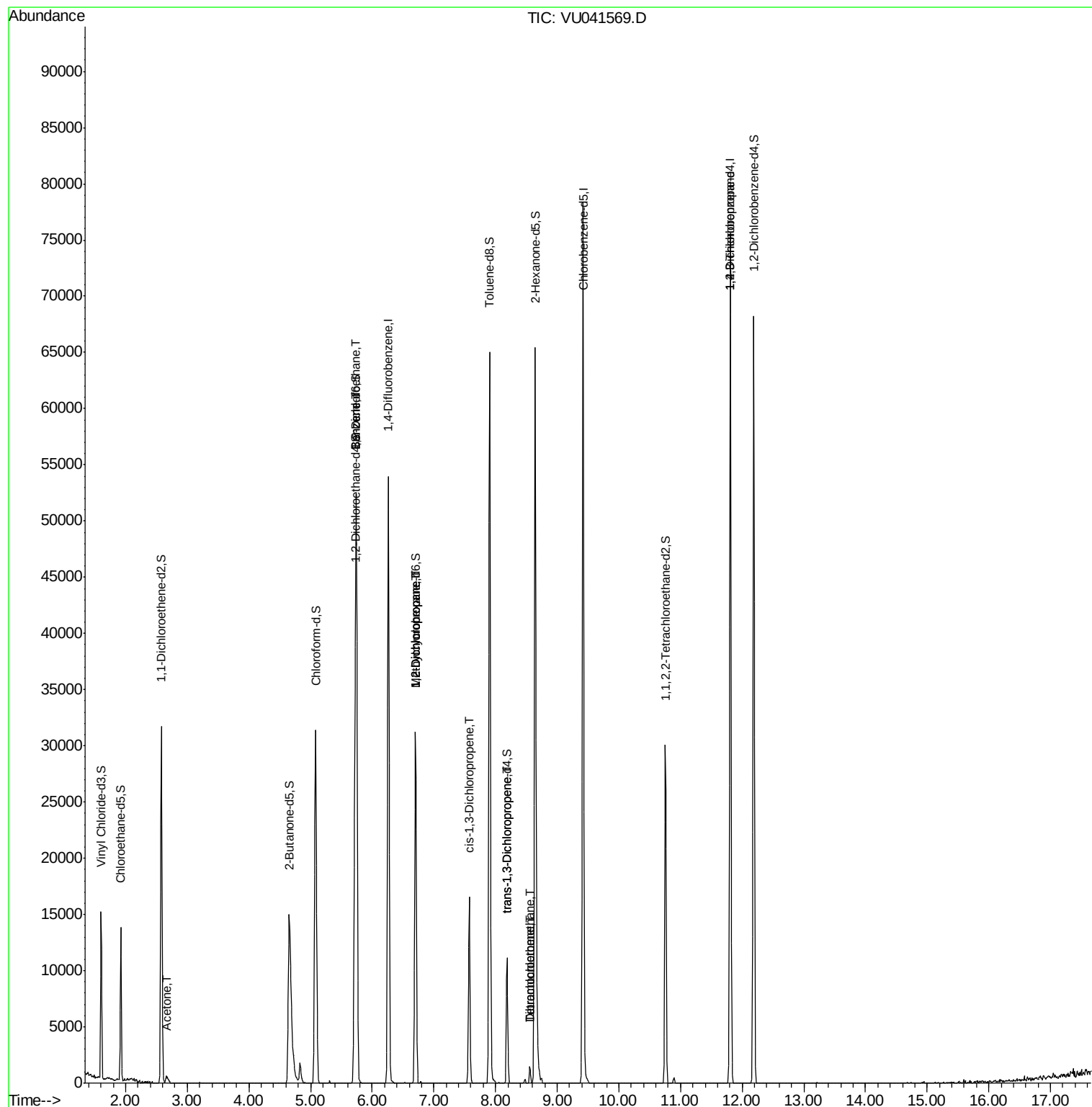
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	736	1.126	ug/L	67
27) 1,2-Dichloroethane	5.75	62	321	0.068	ug/L #	79
33) Benzene	5.74	78	312	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	3829	0.843	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1935	0.748	ug/L #	84
39) cis-1,3-Dichloropropene	7.58	75	457	0.098	ug/L #	40
44) trans-1,3-Dichloropropene	8.19	75	210	0.045	ug/L #	39
47) Tetrachloroethene	8.56	164	333	0.127	ug/L	89
49) Dibromochloromethane	8.55	129	362	0.107	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	1840	0.733	ug/L #	79

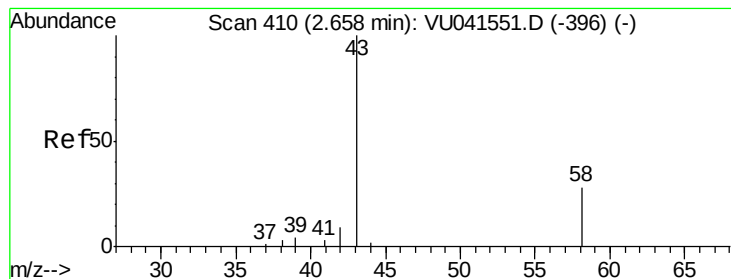
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.126 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU041569.D

Acq: 11 Dec 2020 04:58

Instrument :

MSVOA_U

ClientSampled :

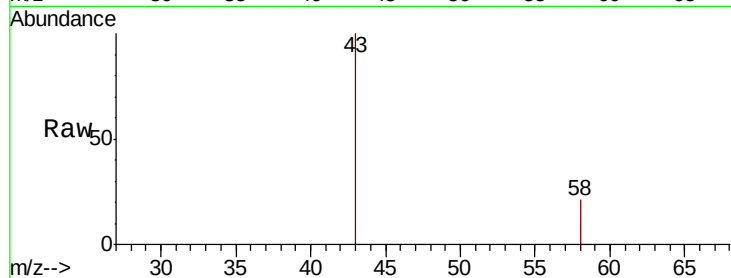
GB1J2

Tot Ion: 43 Resp: 736

Ion Ratio Lower Upper

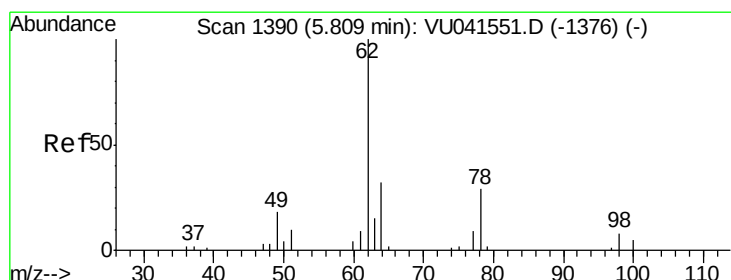
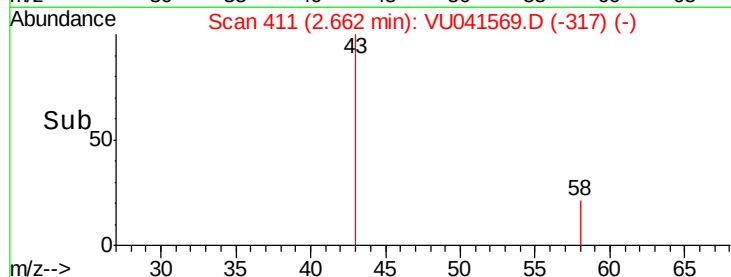
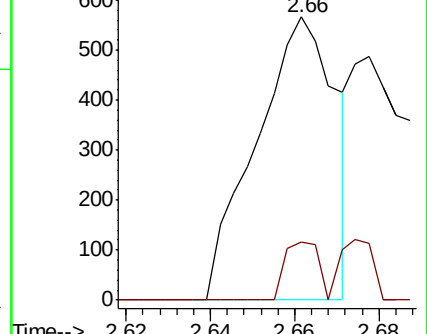
43 100

58 8.7 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) (-)



#27

1,2-Dichloroethane

Concen: 0.068 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.06 min

Lab File: VU041569.D

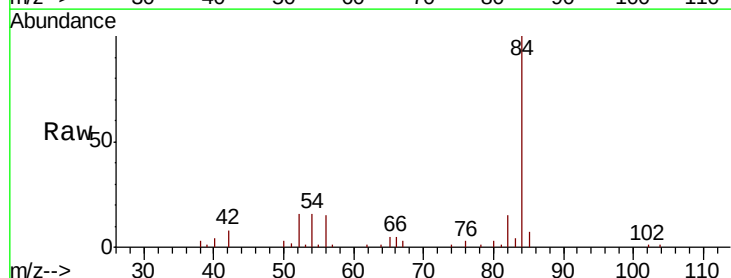
Acq: 11 Dec 2020 04:58

Tgt Ion: 62 Resp: 321

Ion Ratio Lower Upper

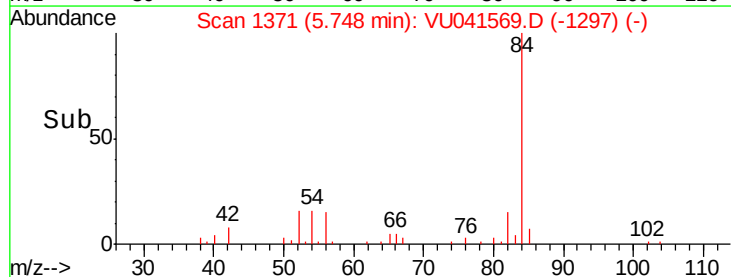
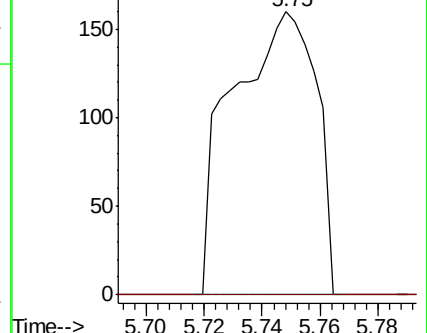
62 100

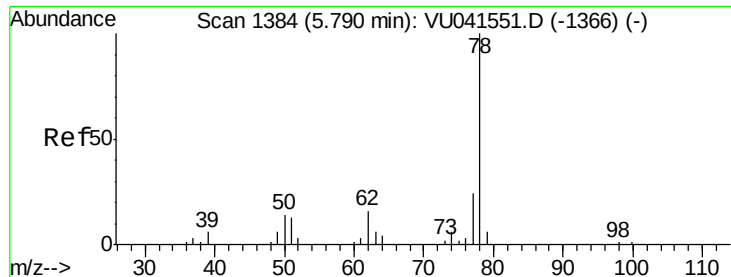
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU041551.D (-1376) (-)

Ion 98.05 (97.75 to 98.75): VU041551.D (-1376) (-)

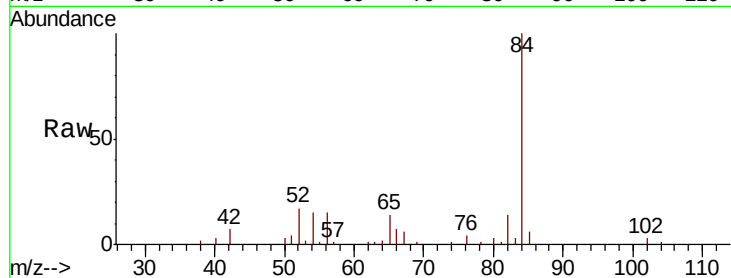




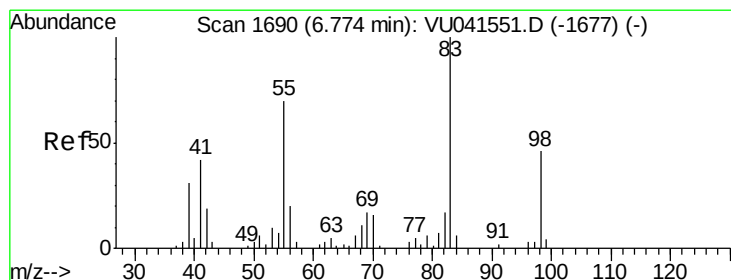
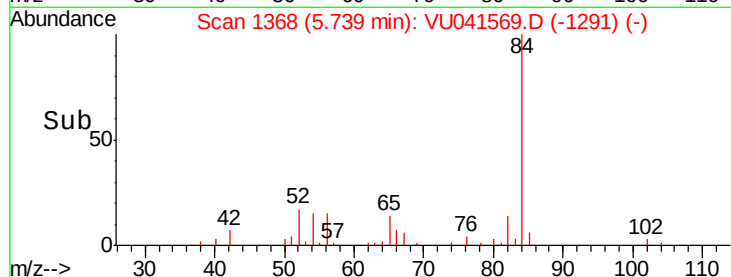
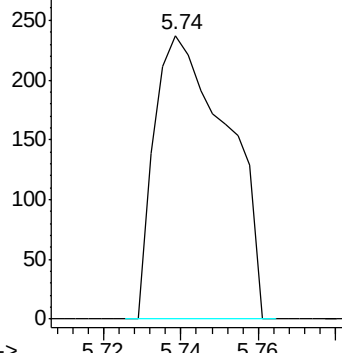
#33
Benzene
Concen: 0.028 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU041569.D
Acq: 11 Dec 2020 04:58

Instrument :
MSVOA_U
ClientSampleId :
GB1J2

Tgt Ion: 78 Resp: 312

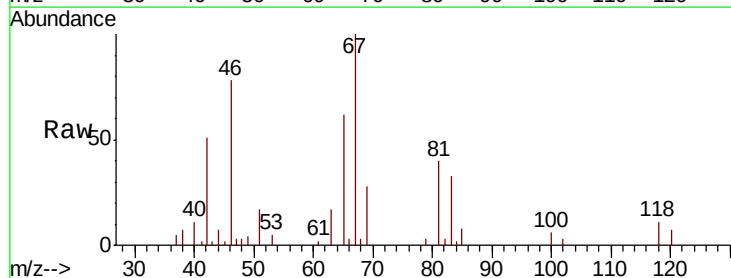


Abundance Ion 78.10 (77.80 to 78.80): VU0



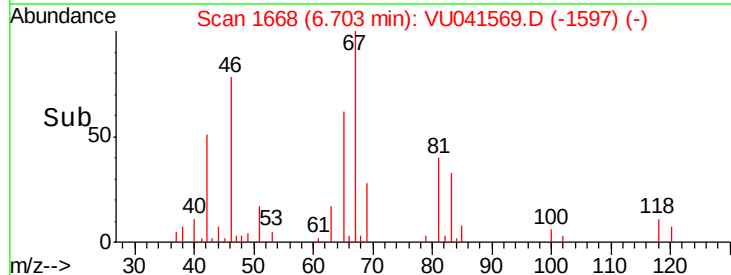
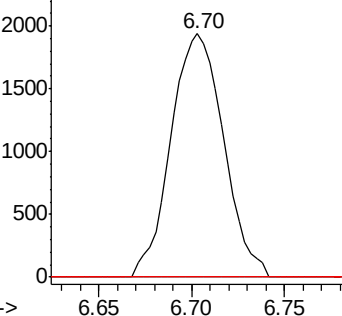
#35
Methylcyclohexane
Concen: 0.843 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041569.D
Acq: 11 Dec 2020 04:58

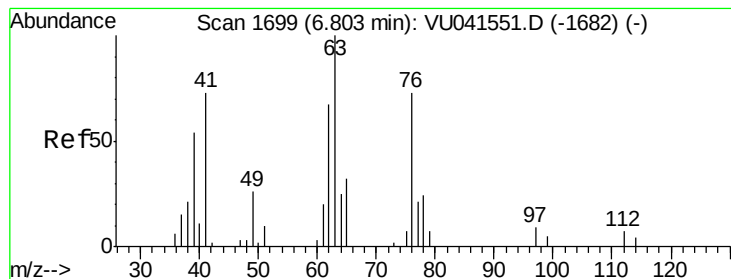
Tgt Ion: 83 Resp: 3829
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#



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: 0.748 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU041569.D

Acq: 11 Dec 2020 04:58

Instrument :

MSVOA_U

ClientSampled :

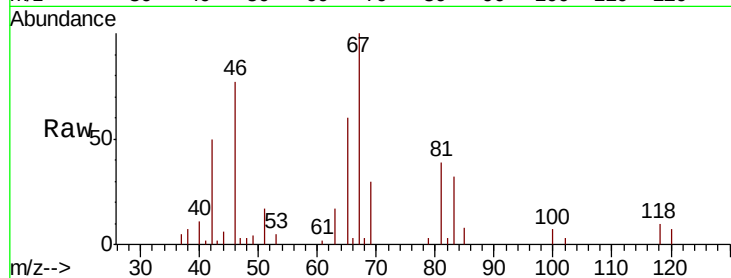
GB1J2

Tot Ion: 63 Resp: 1935

Ion Ratio Lower Upper

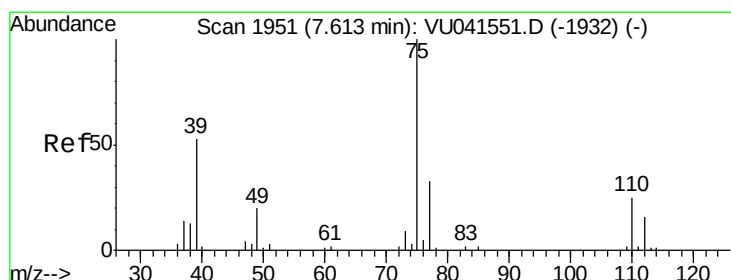
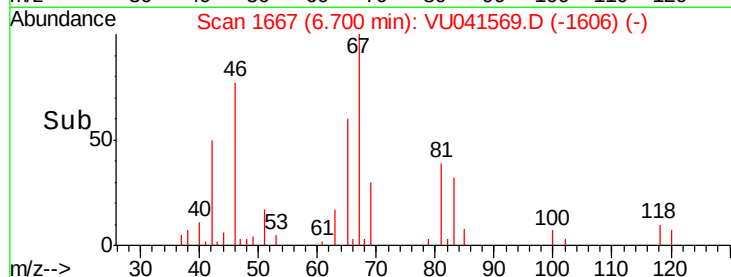
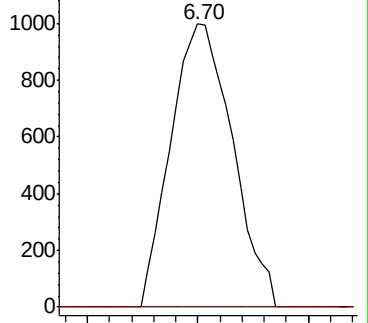
63 100

112 0.0 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VU041551.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU041551.D (-1682) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.03 min

Lab File: VU041569.D

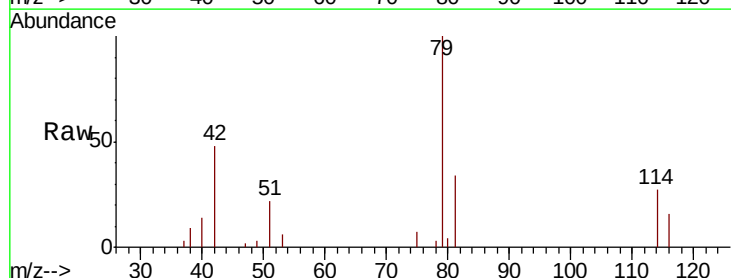
Acq: 11 Dec 2020 04:58

Tgt Ion: 75 Resp: 457

Ion Ratio Lower Upper

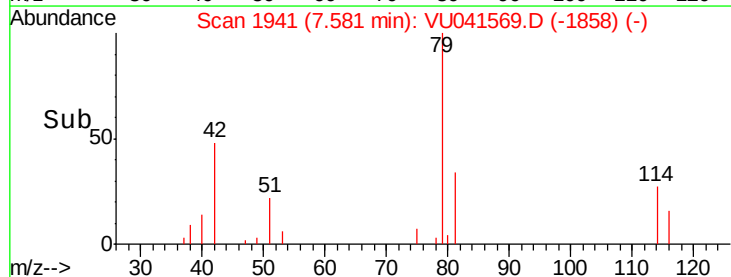
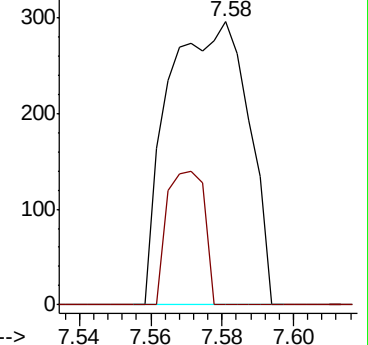
75 100

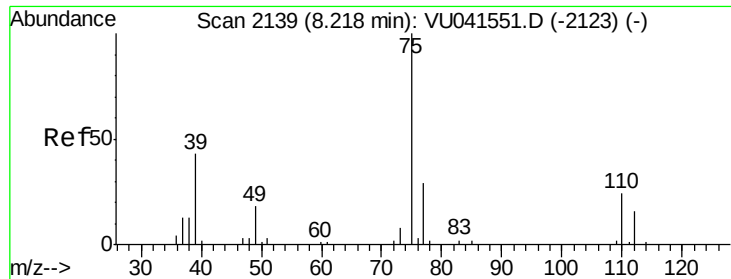
77 0.0 24.0 44.6#



Abundance Ion 75.05 (74.75 to 75.75): VU041551.D (-1932) (-)

Ion 77.05 (76.75 to 77.75): VU041551.D (-1932) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.045 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041569.D

Acq: 11 Dec 2020 04:58

Instrument :

MSVOA_U

ClientSampleId :

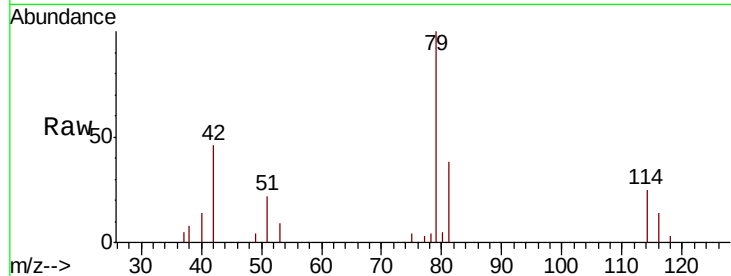
GB1J2

Tot Ion: 75 Resp: 210

Ion Ratio Lower Upper

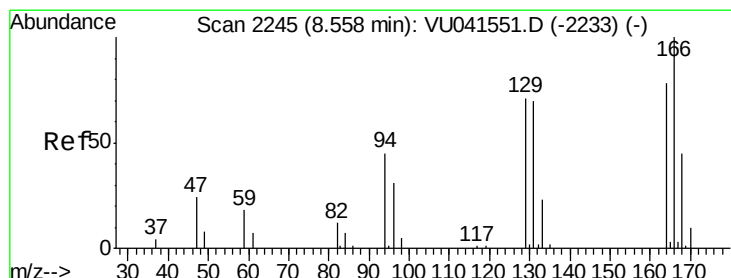
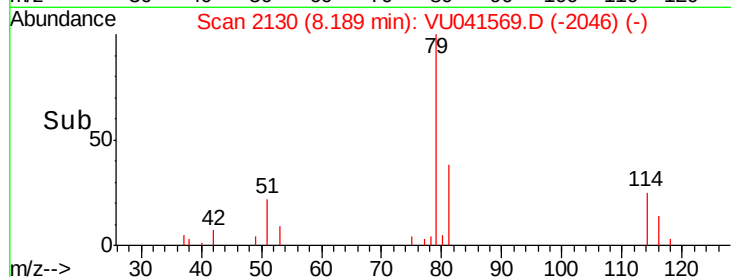
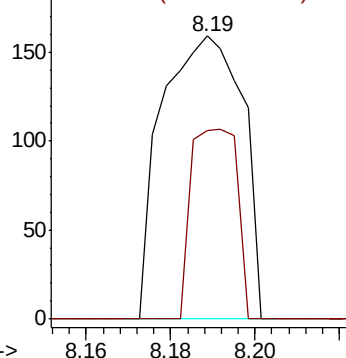
75 100

77 66.7 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.127 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU041569.D

Acq: 11 Dec 2020 04:58

Tgt Ion:164 Resp: 333

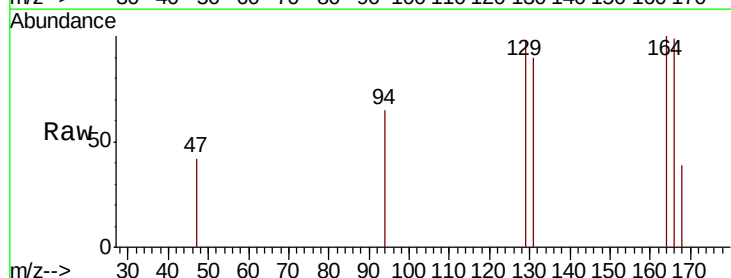
Ion Ratio Lower Upper

164 100

129 98.1 67.1 124.7

131 89.9 63.3 117.7

166 98.8 88.8 164.8

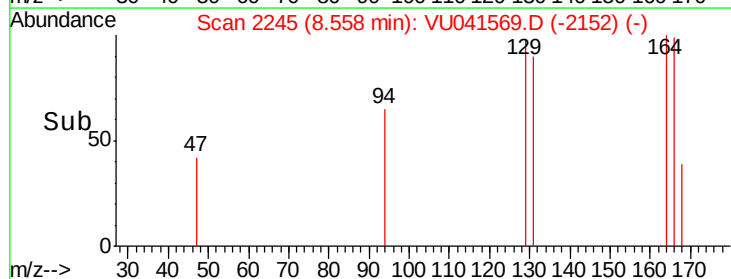
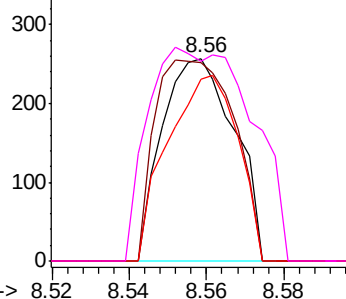


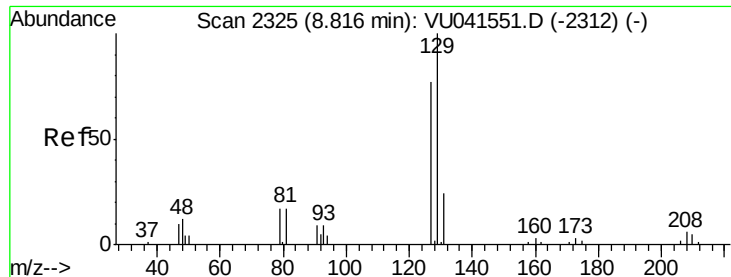
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

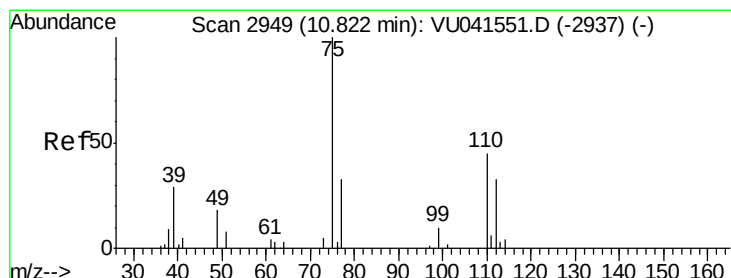
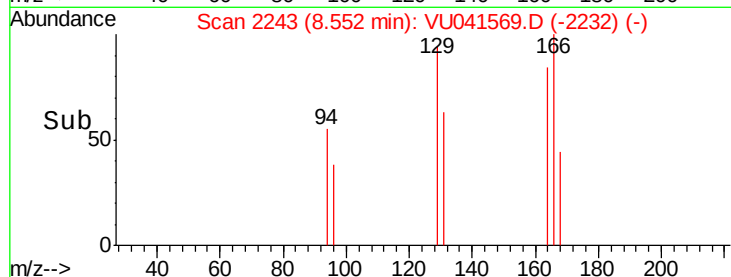
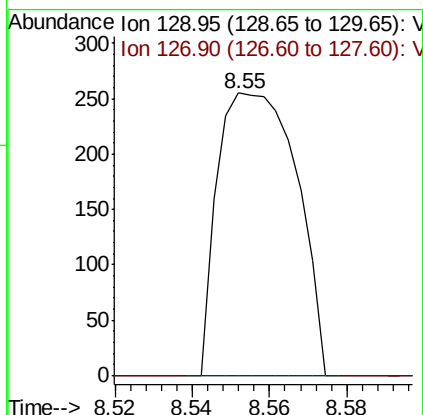
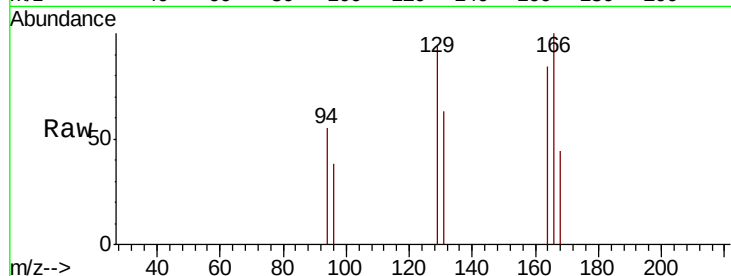




#49
Dibromochloromethane
Concen: 0.107 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.26 min
Lab File: VU041569.D
Acq: 11 Dec 2020 04:58

Instrument :
MSVOA_U
ClientSampleId :
GB1J2

Tot Ion:129 Resp: 362
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#



#59
1,2,3-Trichloropropane
Concen: 0.733 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041569.D
Acq: 11 Dec 2020 04:58

Tgt Ion: 75 Resp: 1840
Ion Ratio Lower Upper
75 100
77 44.6 26.3 39.5#

