

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041545.D
 Acq On : 10 Dec 2020 18:59
 Operator : SY/MD
 Sample : L5023-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW1

Quant Time: Dec 11 06:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	34526	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	34810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	17549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7348	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.92	69	8482	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.58	63	15333	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.65	46	34982	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	5.08	84	29840	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.80%
26) 1,2-Dichloroethane-d4	5.72	65	20150	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.60%
32) Benzene-d6	5.74	84	42437	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.70	67	10074	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.90	98	33577	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.19	79	6311	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	22798	40.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10687	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	17445	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

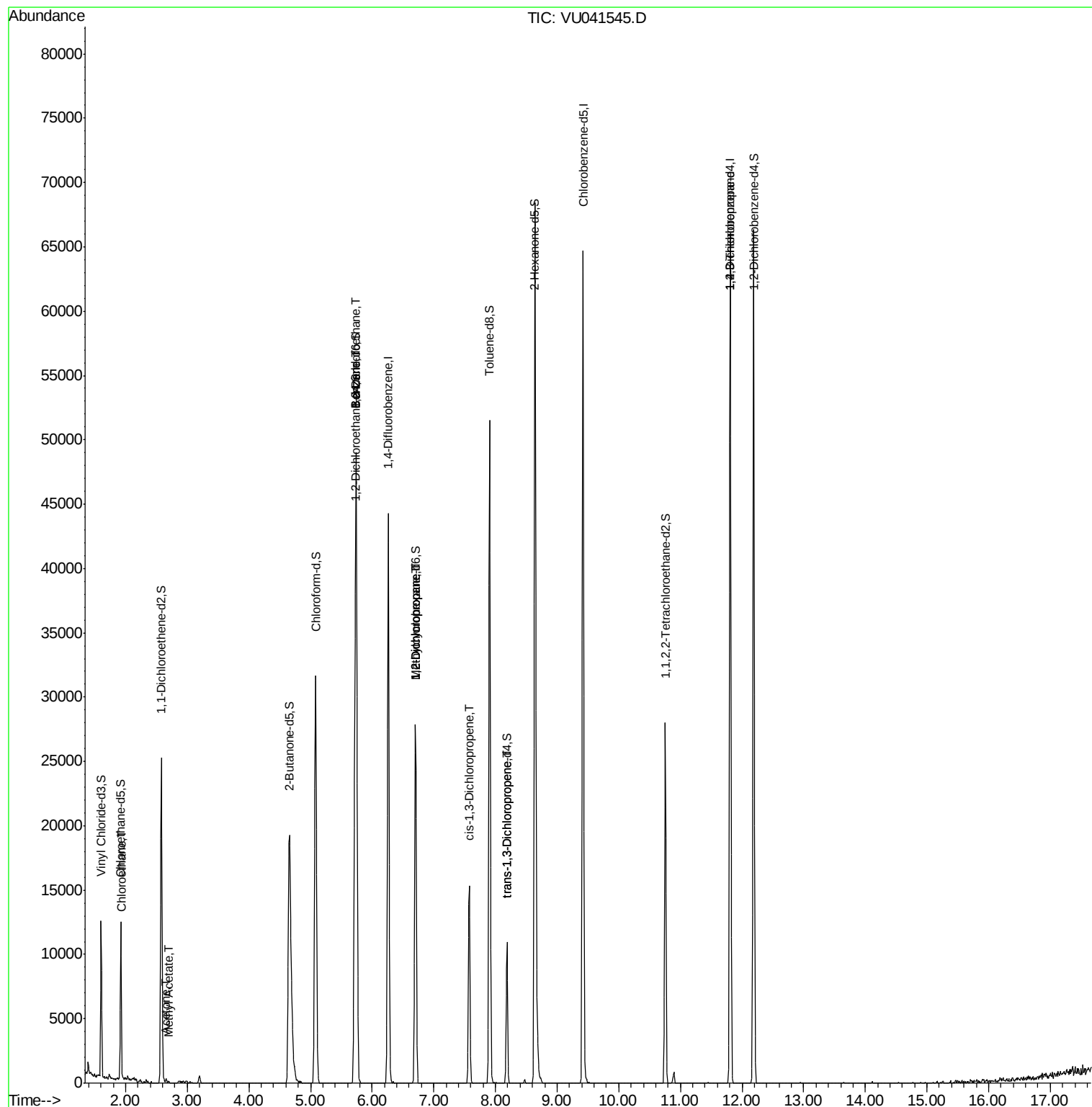
					Ovalue
8) Chloroethane	1.94	64	64	0.042 ug/L #	45
13) Acetone	2.65	43	365	0.705 ug/L #	50
15) Methyl Acetate	2.70	43	110	0.116 ug/L #	51
27) 1,2-Dichloroethane	5.74	62	209	0.056 ug/L #	79
33) Benzene	5.74	78	233	0.027 ug/L	100
35) Methylcyclohexane	6.70	83	3285	0.926 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1744	0.864 ug/L #	84
39) cis-1,3-Dichloropropene	7.58	75	497	0.136 ug/L #	62
44) trans-1,3-Dichloropropene	8.19	75	294	0.081 ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	1650	0.842 ug/L #	79

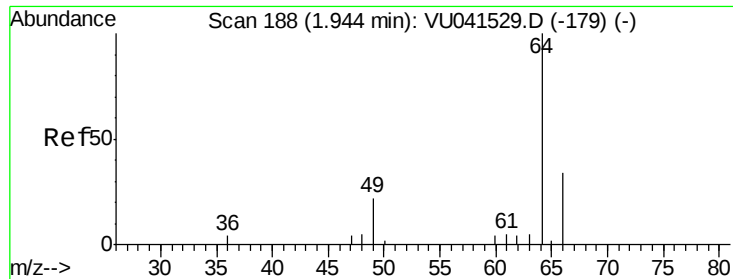
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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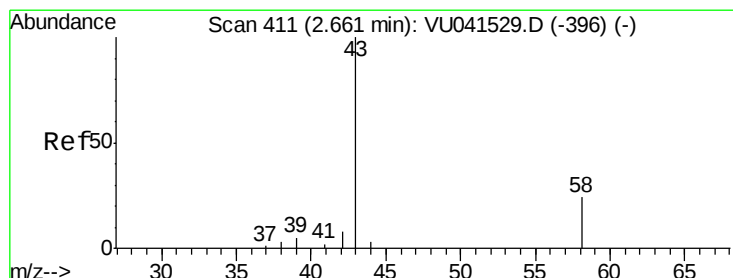
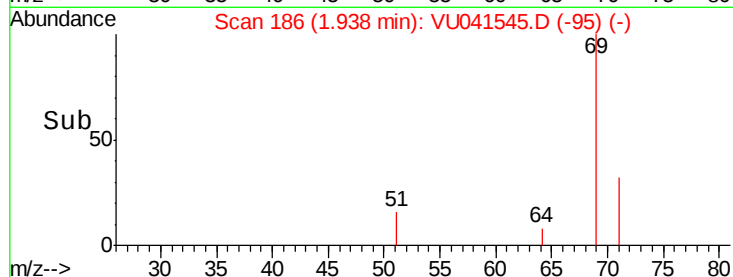
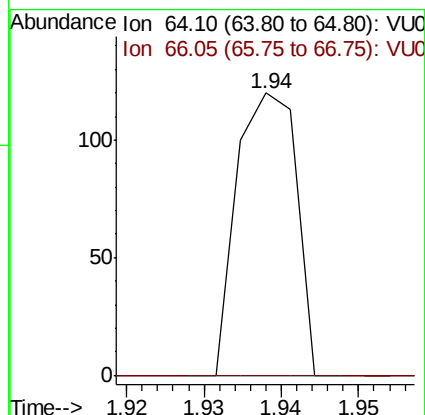
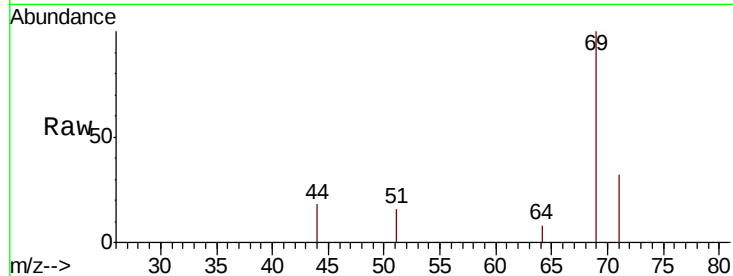




#8
Chloroethane
Concen: 0.042 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU041545.D
Acq: 10 Dec 2020 18:59

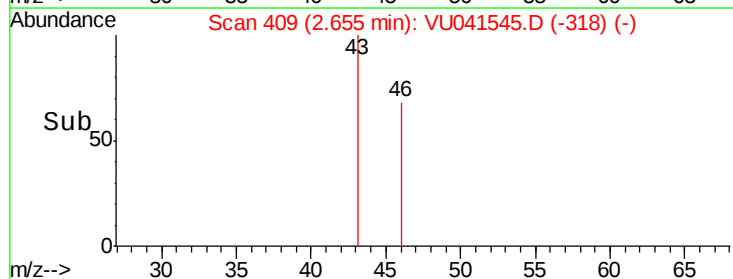
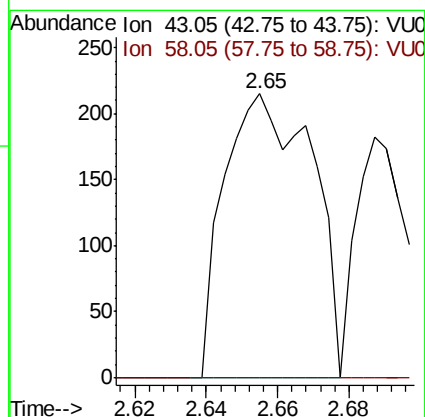
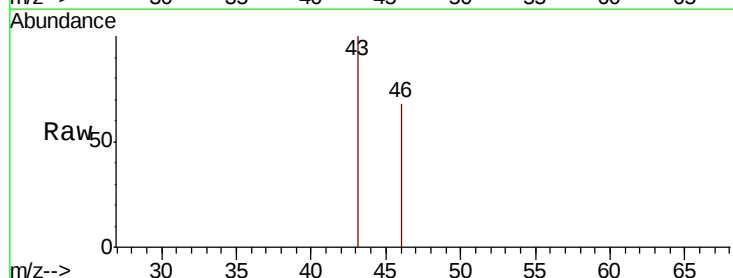
Instrument :
MSVOA_U
ClientSampled :
C0AW1

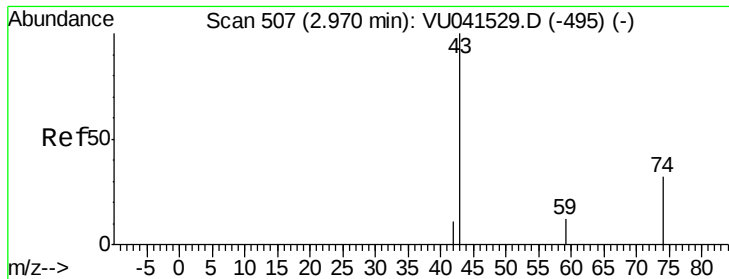
Tot Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 0.705 ug/L
RT: 2.65 min Scan# 409
Delta R.T. -0.01 min
Lab File: VU041545.D
Acq: 10 Dec 2020 18:59

Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 0.0 50.0





#15

Methyl Acetate

Concen: 0.116 ug/L

RT: 2.70 min Scan# 424

Delta R.T. -0.27 min

Lab File: VU041545.D

Acq: 10 Dec 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

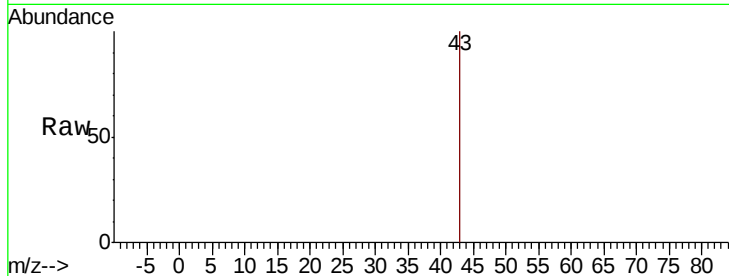
C0AW1

Tot Ion: 43 Resp: 110

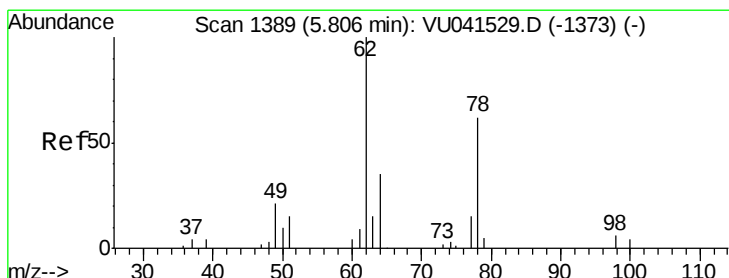
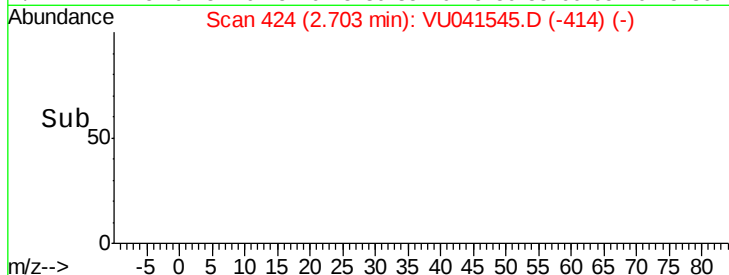
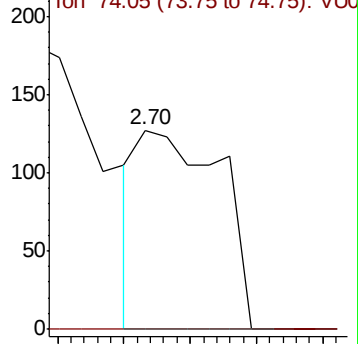
Ion Ratio Lower Upper

43 100

74 0.0 19.7 29.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0



#27

1,2-Dichloroethane

Concen: 0.056 ug/L

RT: 5.74 min Scan# 1367

Delta R.T. -0.07 min

Lab File: VU041545.D

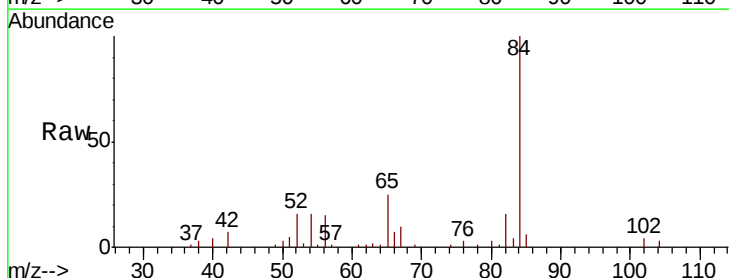
Acq: 10 Dec 2020 18:59

Tgt Ion: 62 Resp: 209

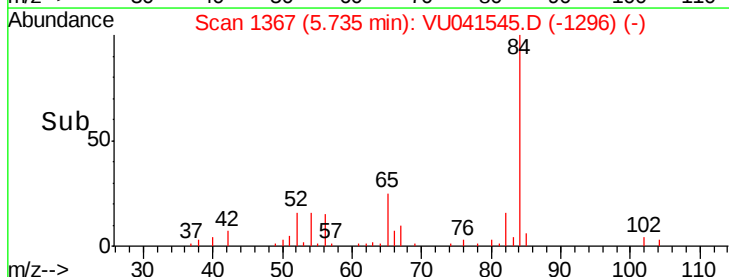
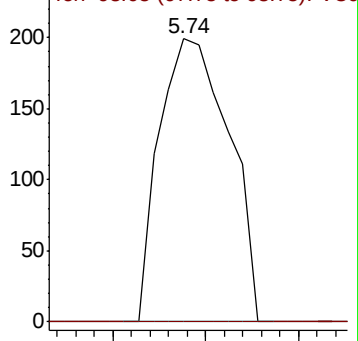
Ion Ratio Lower Upper

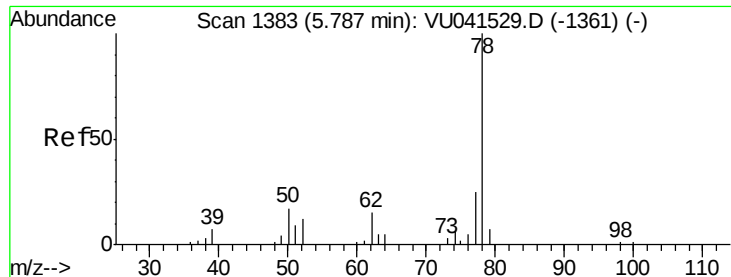
62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0





#33

Benzene

Concen: 0.027 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.04 min

Lab File: VU041545.D

Acq: 10 Dec 2020 18:59

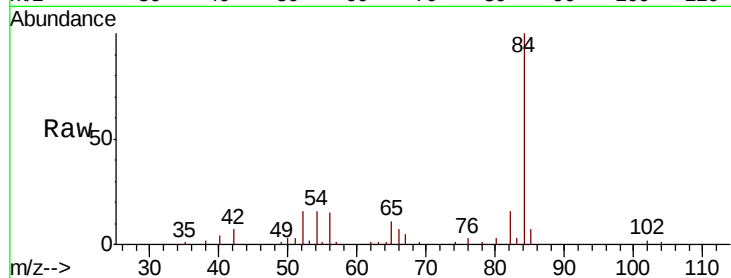
Instrument :

MSVOA_U

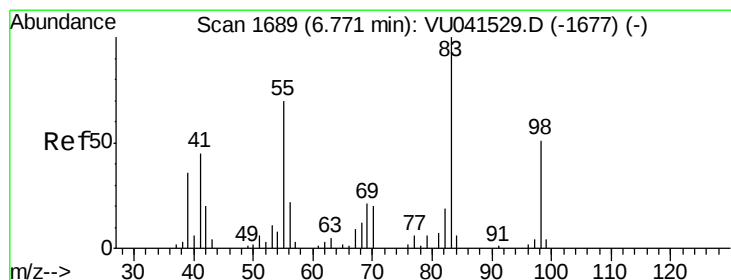
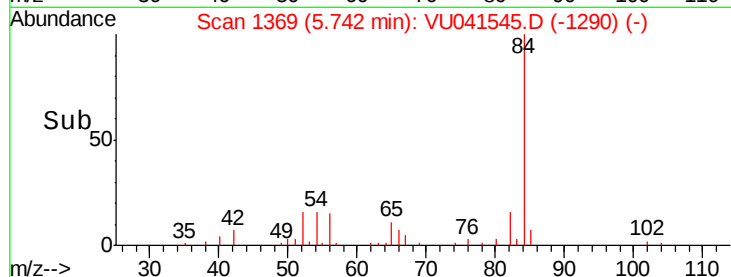
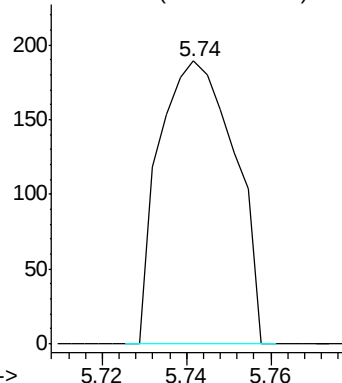
ClientSampleId :

C0AW1

Tgt Ion: 78 Resp: 233



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.926 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041545.D

Acq: 10 Dec 2020 18:59

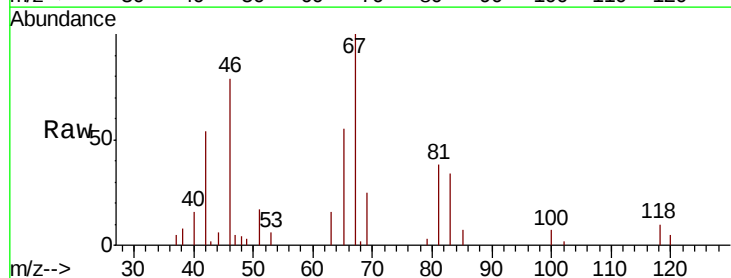
Tgt Ion: 83 Resp: 3285

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

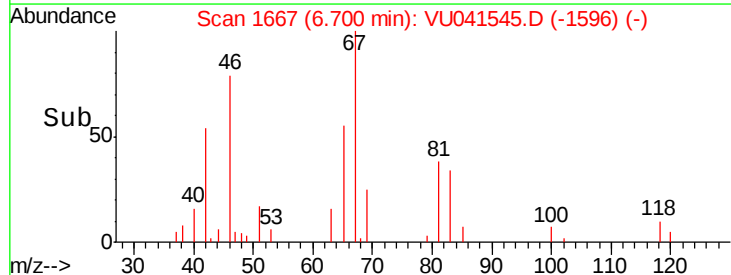
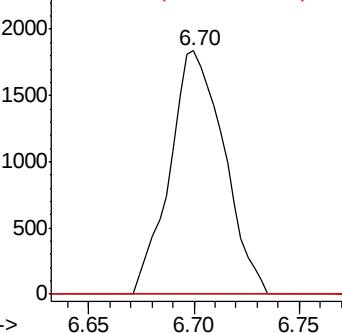
98 0.0 38.7 58.1#

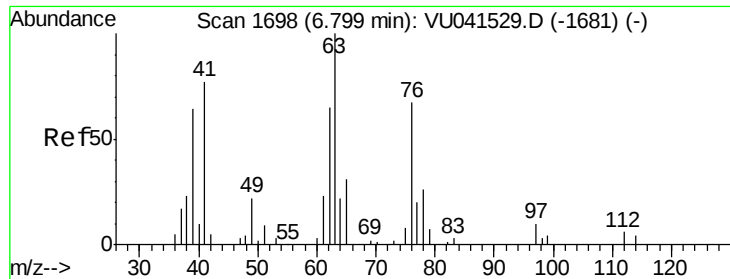


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

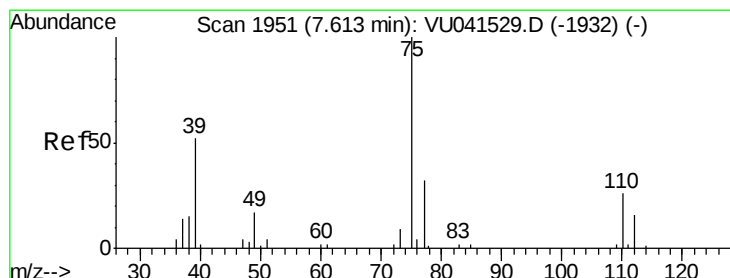
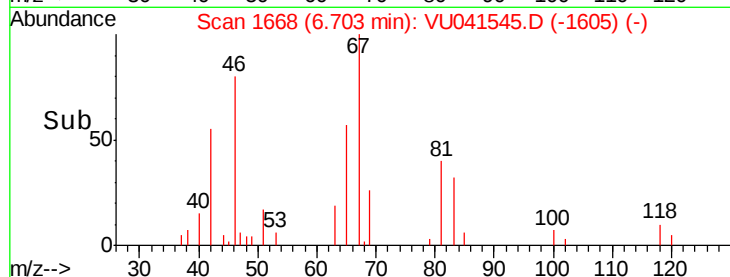
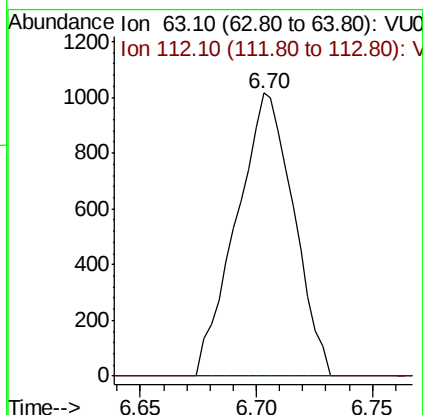
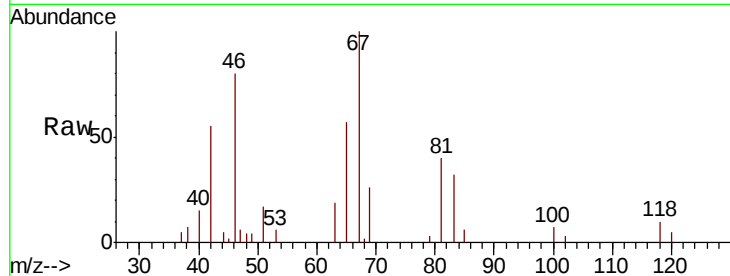




#37
 1,2-Dichloropropane
 Concen: 0.864 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041545.D
 Acq: 10 Dec 2020 18:59

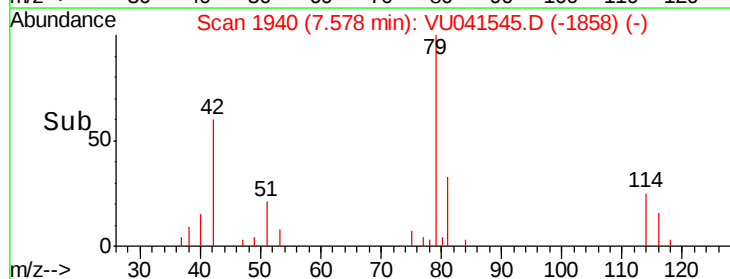
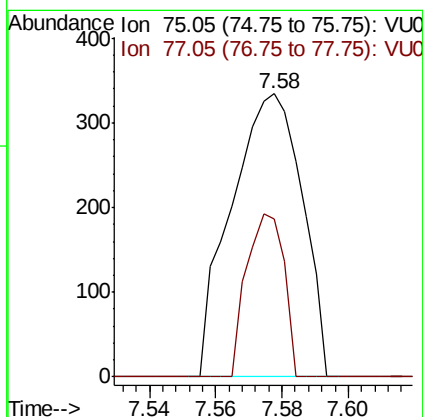
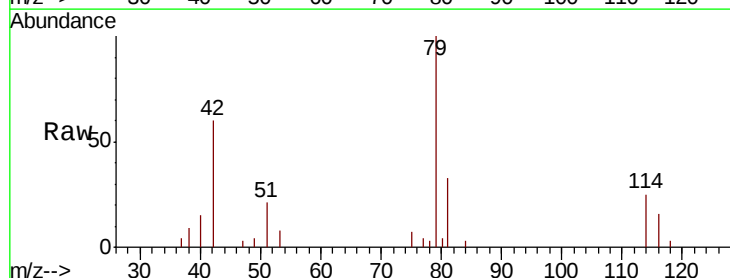
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW1

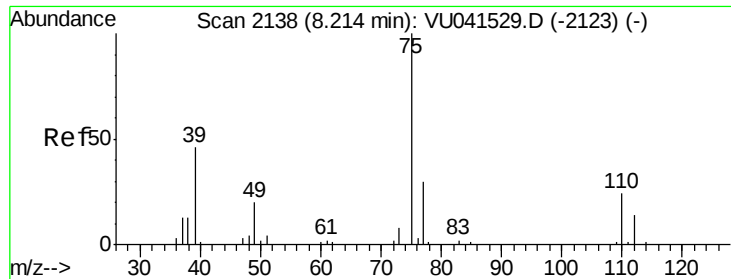
Tot Ion: 63 Resp: 1744
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.136 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041545.D
 Acq: 10 Dec 2020 18:59

Tgt Ion: 75 Resp: 497
 Ion Ratio Lower Upper
 75 100
 77 56.0 24.0 44.6#





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 8.19 min Scan# 2131

Delta R.T. -0.02 min

Lab File: VU041545.D

Acq: 10 Dec 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

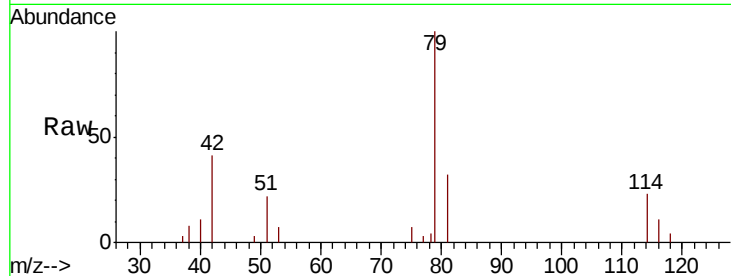
C0AW1

Tot Ion: 75 Resp: 294

Ion Ratio Lower Upper

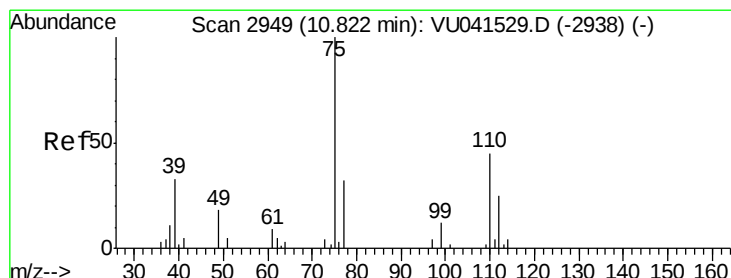
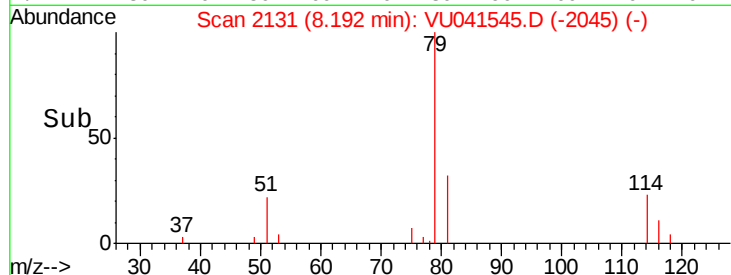
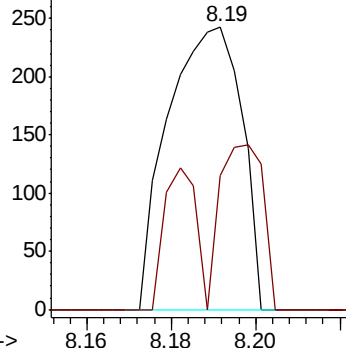
75 100

77 47.3 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.842 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU041545.D

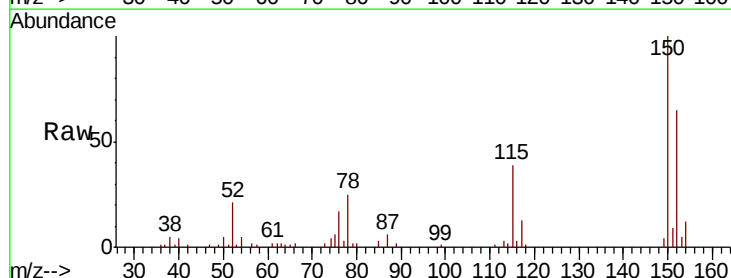
Acq: 10 Dec 2020 18:59

Tgt Ion: 75 Resp: 1650

Ion Ratio Lower Upper

75 100

77 44.9 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

