

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041593.D
 Acq On : 13 Dec 2020 01:59
 Operator : SY/MD
 Sample : L5060-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B15

Quant Time: Dec 13 11:30:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133325	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131053	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70870	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33203	3.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.80%
7) Chloroethane-d5	1.92	69	31839	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.58	63	54681	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.65	46	149187	49.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.66%
24) Chloroform-d	5.08	84	81947	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	48026	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.74	84	162389	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.70	67	53638	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.91	98	141621	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	21269	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	122346	42.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52254	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	60951	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

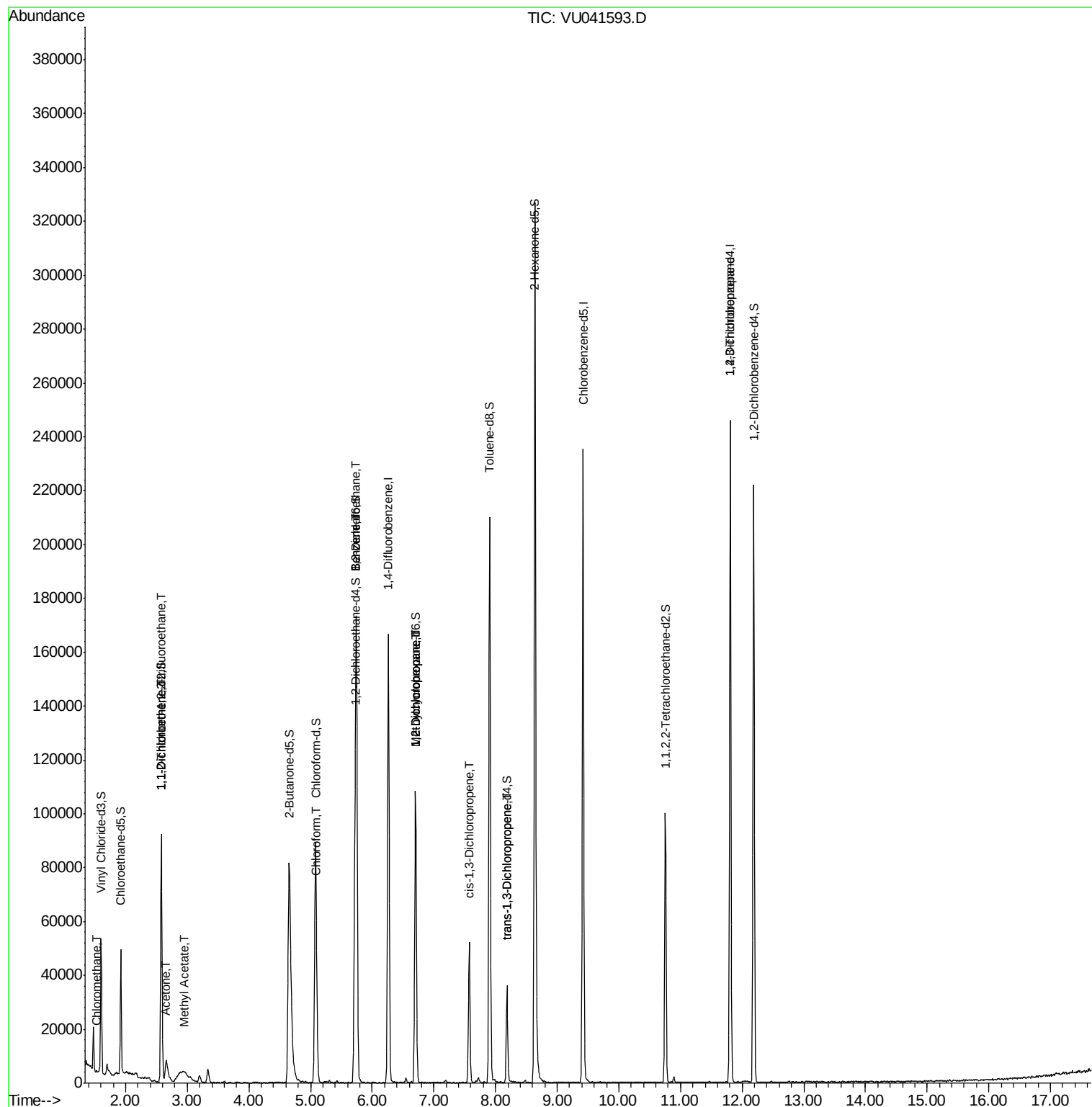
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	618	0.056	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	518	0.056	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	507	0.056	ug/L #	1
13) Acetone	2.66	43	17954	9.427	ug/L	95
15) Methyl Acetate	2.96	43	525	0.106	ug/L #	51
25) Chloroform	5.11	83	6380	0.362	ug/L	95
27) 1,2-Dichloroethane	5.75	62	741	0.062	ug/L #	73
33) Benzene	5.74	78	1380	0.033	ug/L	100
35) Methylcyclohexane	6.70	83	12218	0.718	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	5355	0.500	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1099	0.069	ug/L #	35
44) trans-1,3-Dichloropropene	8.19	75	912	0.064	ug/L #	27
59) 1,2,3-Trichloropropane	11.81	75	7595	0.943	ug/L	99

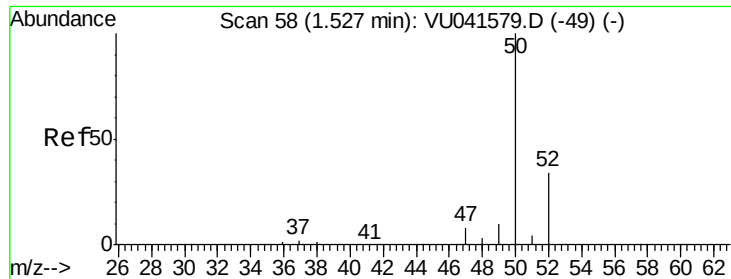
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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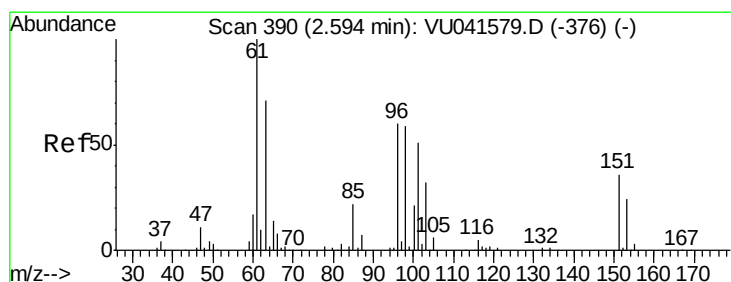
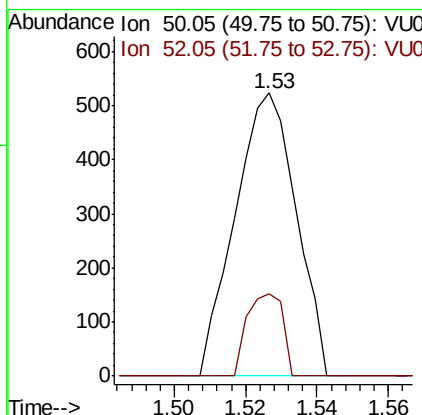
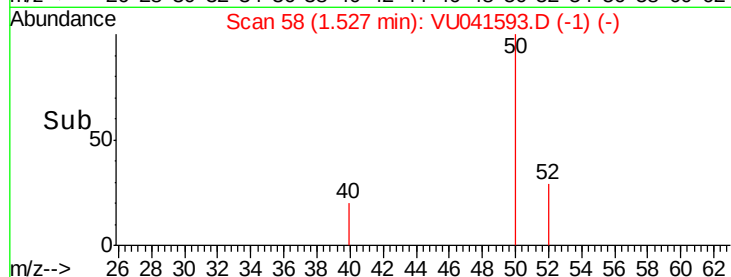
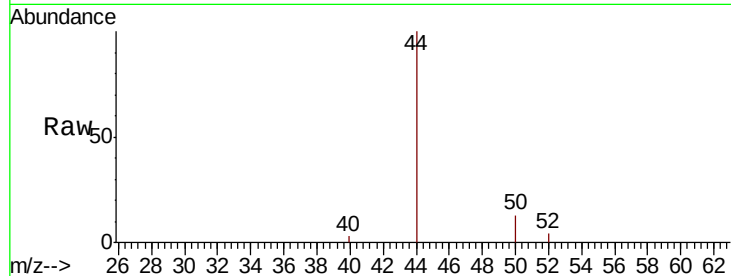




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041593.D
Acq: 13 Dec 2020 01:59

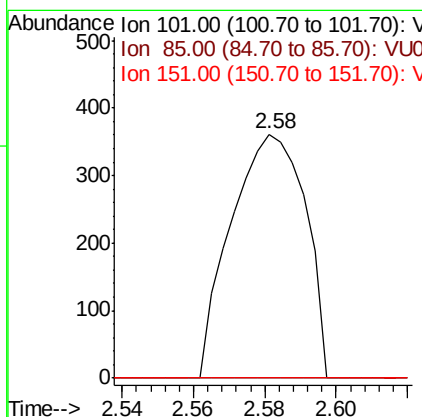
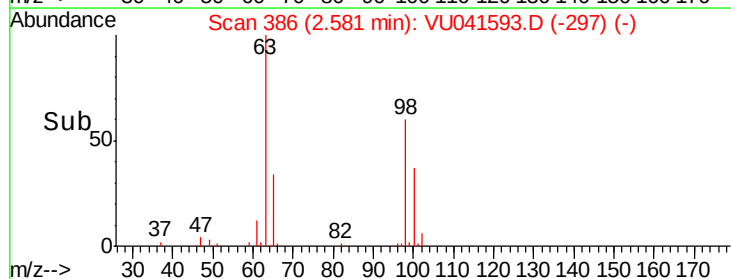
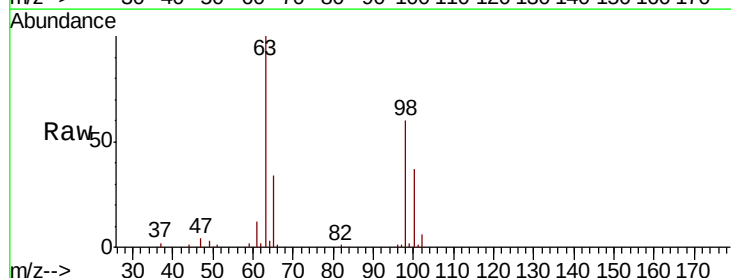
Instrument :
MSVOA_U
ClientSampleId :
C0B15

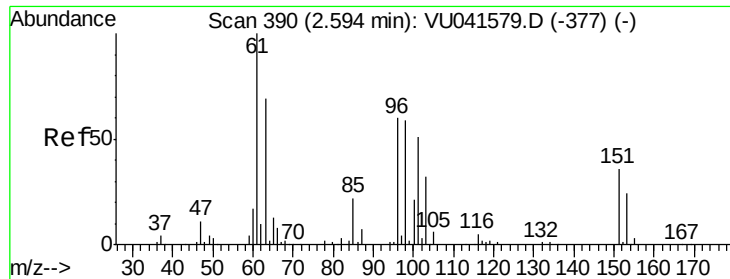
Tot Ion: 50 Resp: 618
Ion Ratio Lower Upper
50 100
52 29.1 24.1 44.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041593.D
Acq: 13 Dec 2020 01:59

Tgt Ion: 101 Resp: 518
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#

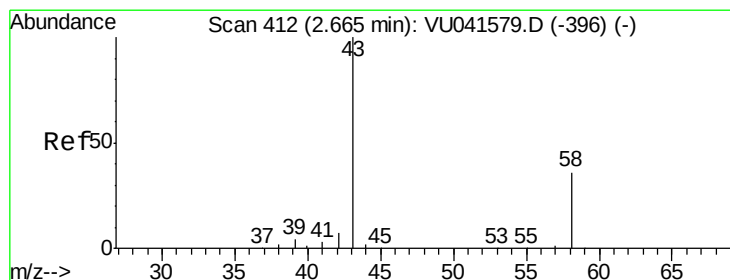
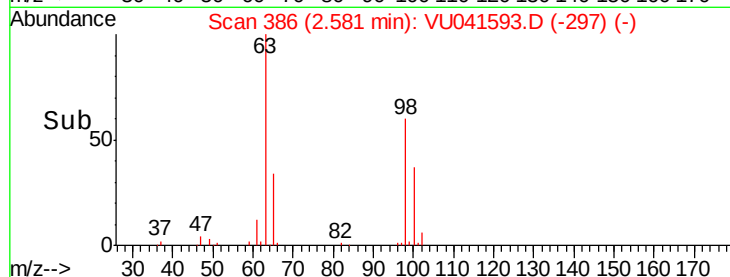
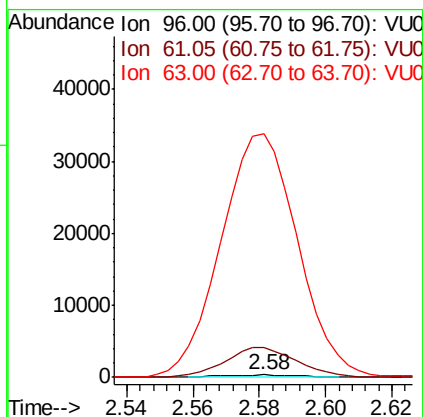
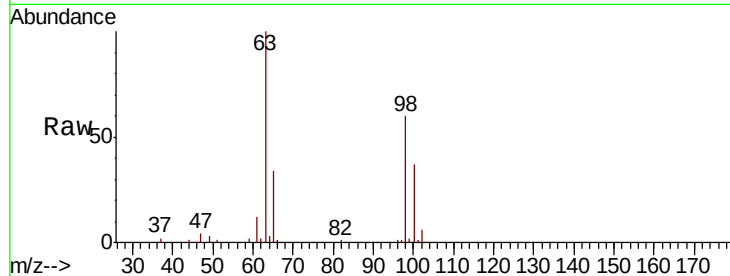




#12
 1,1-Dichloroethene
 Concen: 0.056 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU041593.D
 Acq: 13 Dec 2020 01:59

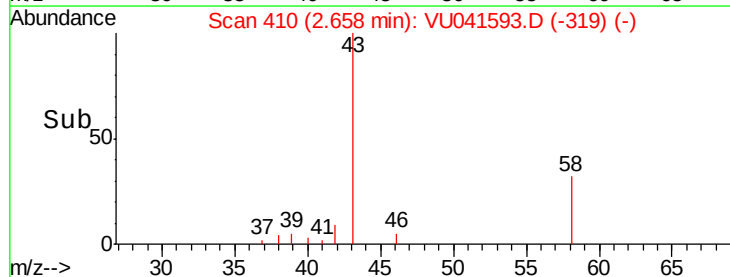
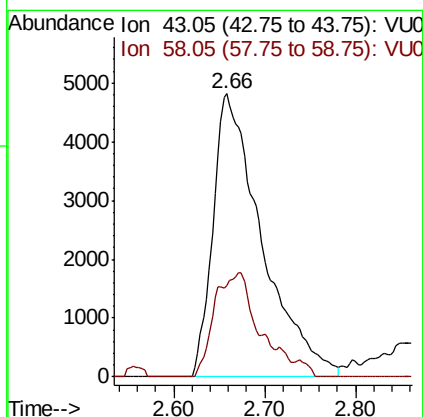
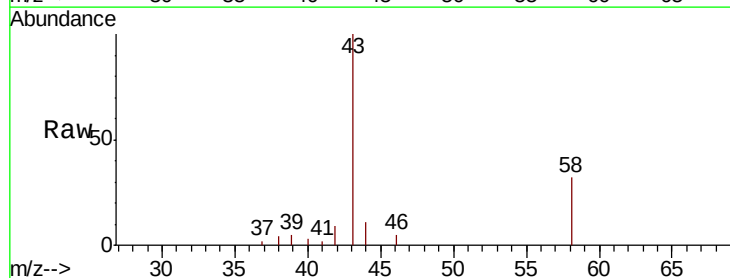
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B15

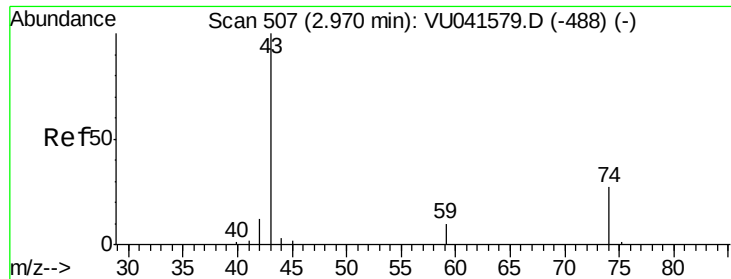
Tot Ion: 96 Resp: 507
 Ion Ratio Lower Upper
 96 100
 61 1246.5 123.8 230.0#
 63 10152.6 81.0 150.4#



#13
 Acetone
 Concen: 9.427 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU041593.D
 Acq: 13 Dec 2020 01:59

Tgt Ion: 43 Resp: 17954
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 73.2

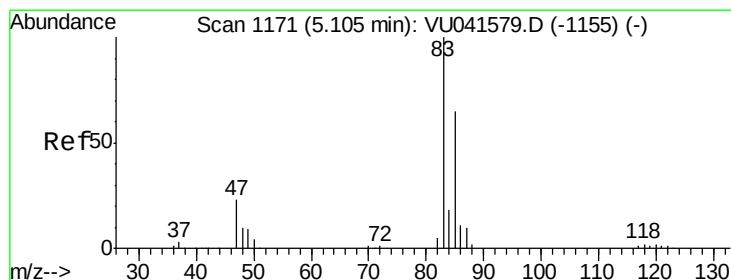
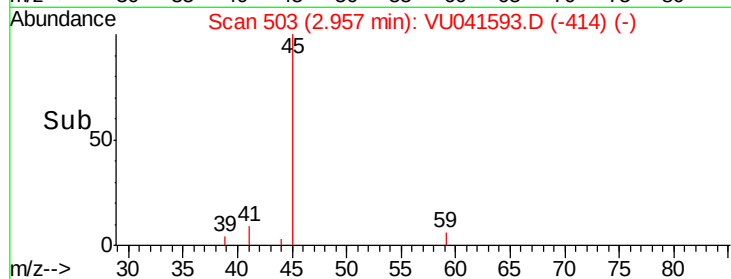
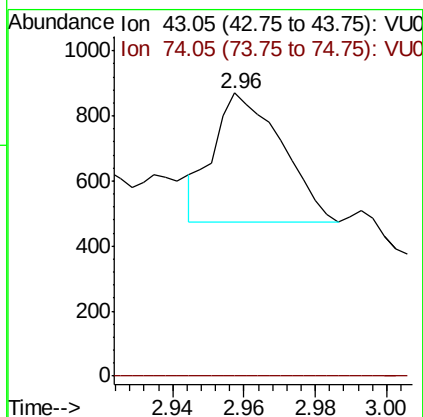
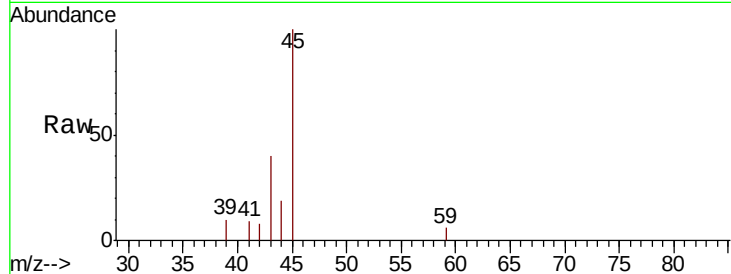




#15
Methvl Acetate
Concen: 0.106 ug/L
RT: 2.96 min Scan# 503
Delta R.T. -0.01 min
Lab File: VU041593.D
Acq: 13 Dec 2020 01:59

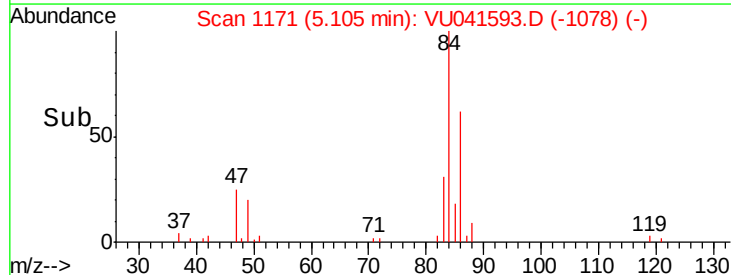
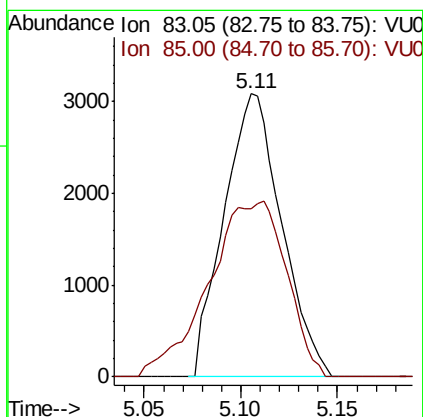
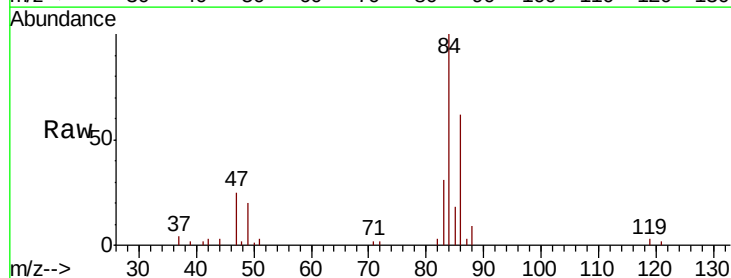
Instrument :
MSVOA_U
ClientSampled :
C0B15

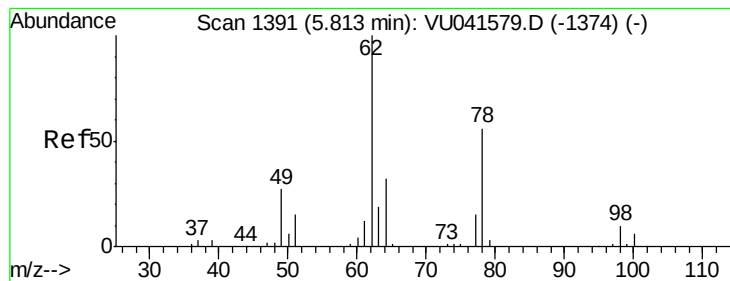
Tot Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#25
Chloroform
Concen: 0.362 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041593.D
Acq: 13 Dec 2020 01:59

Tgt Ion: 83 Resp: 6380
Ion Ratio Lower Upper
83 100
85 59.5 44.2 82.0





#27

1,2-Dichloroethane

Concen: 0.062 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.07 min

Lab File: VU041593.D

Acq: 13 Dec 2020 01:59

Instrument :

MSVOA_U

ClientSampled :

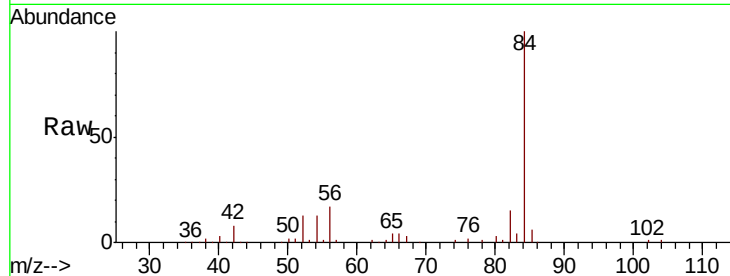
C0B15

Tot Ion: 62 Resp: 741

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

5.75

500

400

300

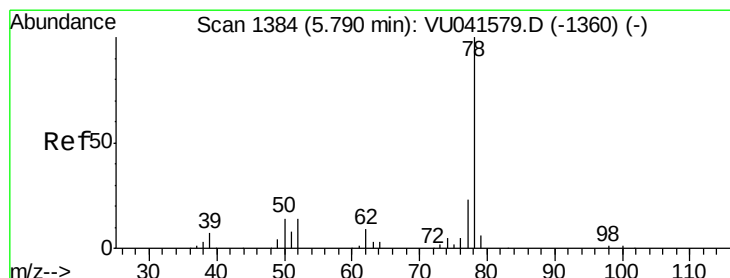
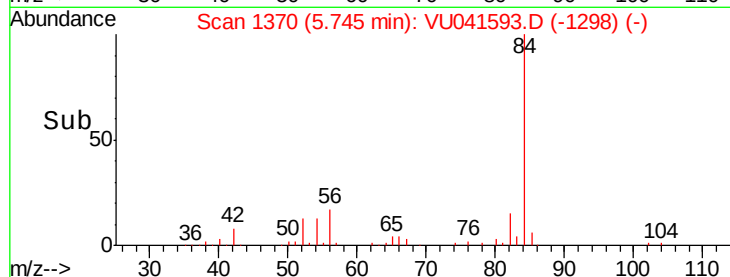
200

100

0

5.70 5.72 5.74 5.76 5.78

Time-->



#33

Benzene

Concen: 0.033 ug/L

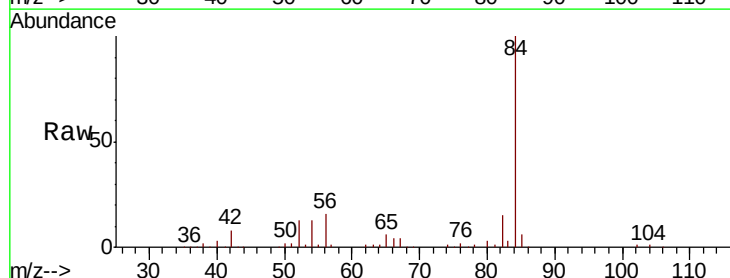
RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU041593.D

Acq: 13 Dec 2020 01:59

Tgt Ion: 78 Resp: 1380



Abundance Ion 78.10 (77.80 to 78.80): VU0

800

600

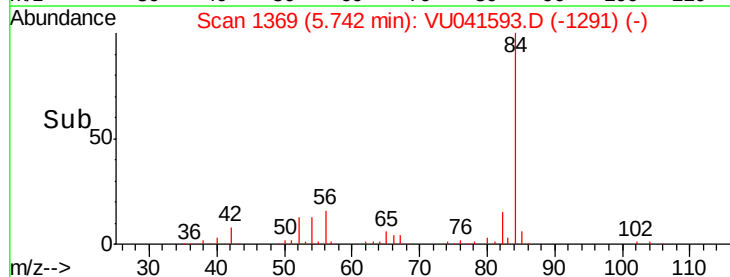
400

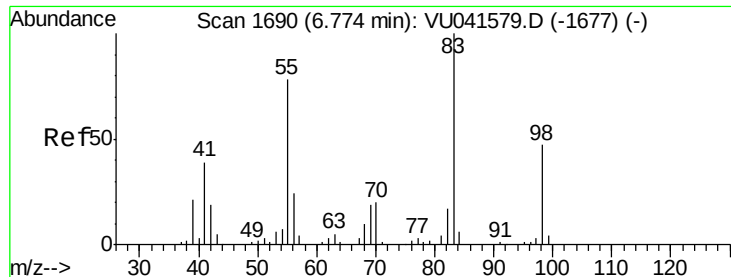
200

0

5.70 5.75

Time-->





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041593.D

Acq: 13 Dec 2020 01:59

Instrument :

MSVOA_U

ClientSampleId :

C0B15

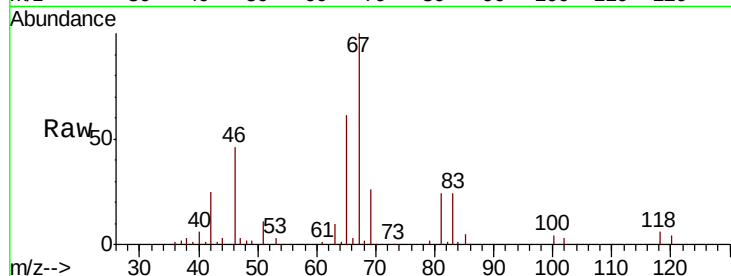
Tot Ion: 83 Resp: 12218

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

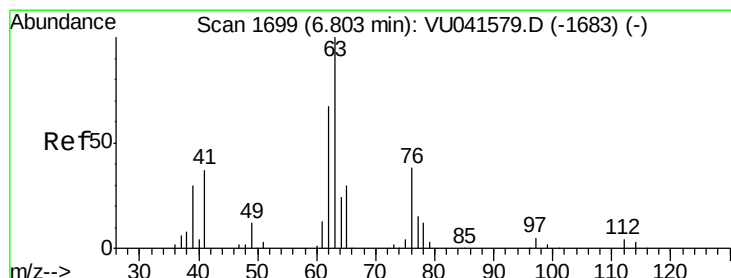
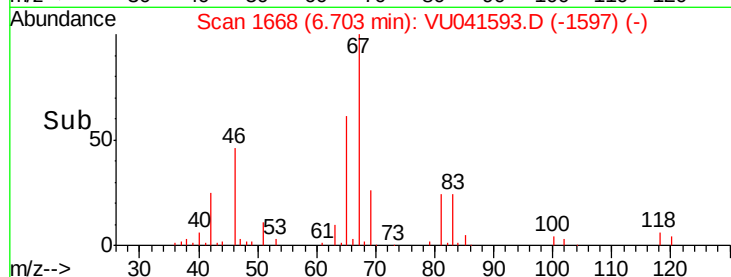
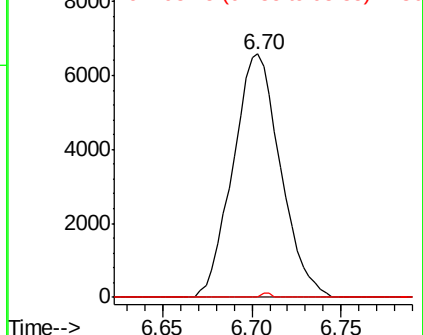
98 0.4 36.6 54.8#



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



#37

1,2-Dichloropropane

Concen: 0.500 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU041593.D

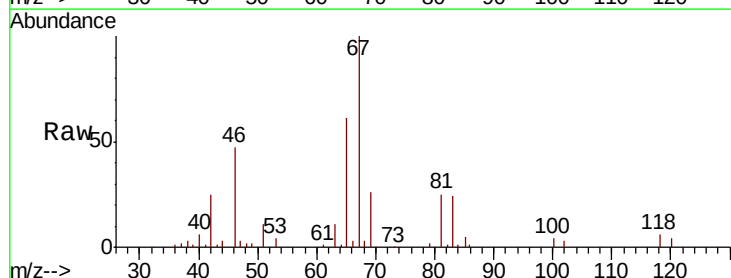
Acq: 13 Dec 2020 01:59

Tgt Ion: 63 Resp: 5355

Ion Ratio Lower Upper

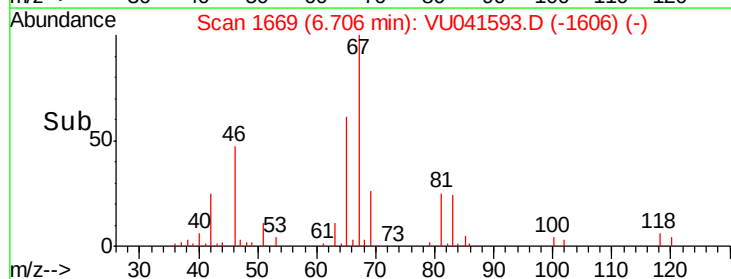
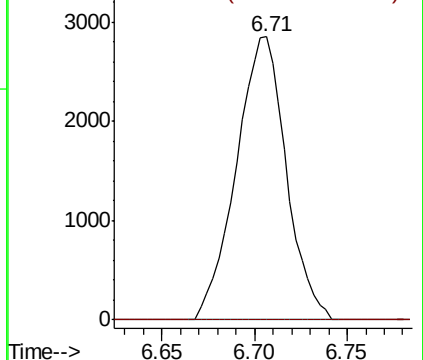
63 100

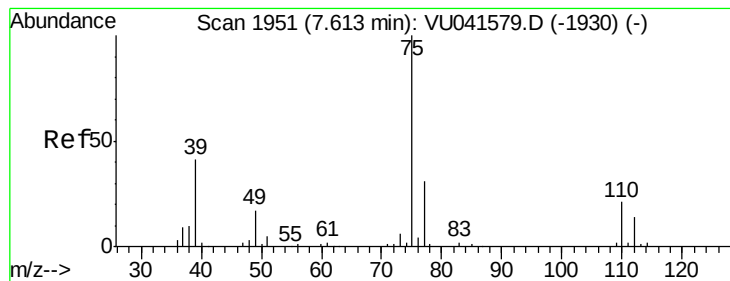
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



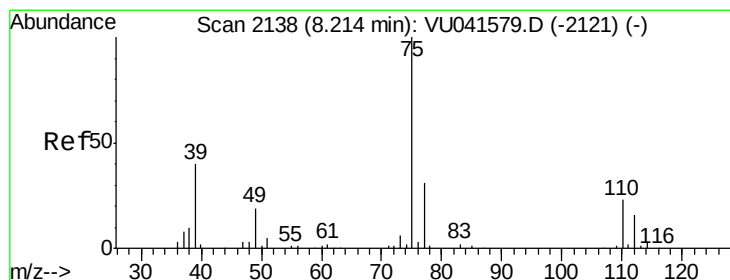
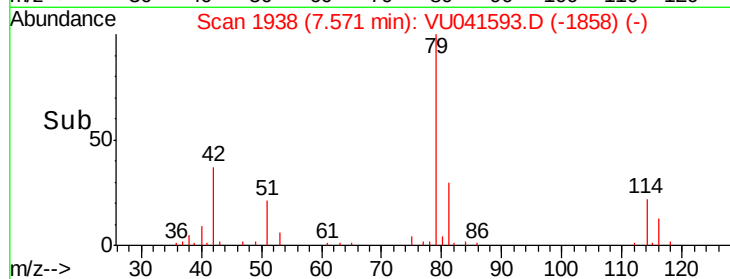
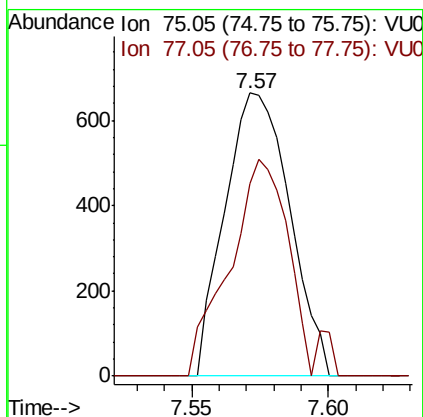
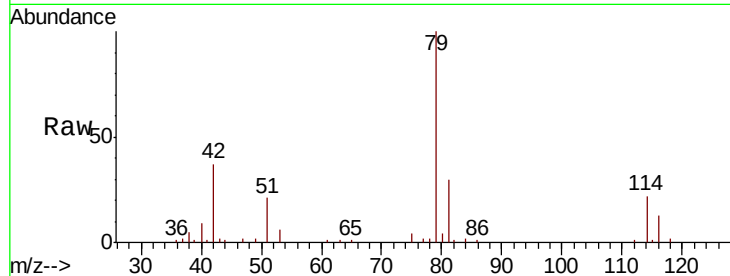


#39

cis-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041593.D
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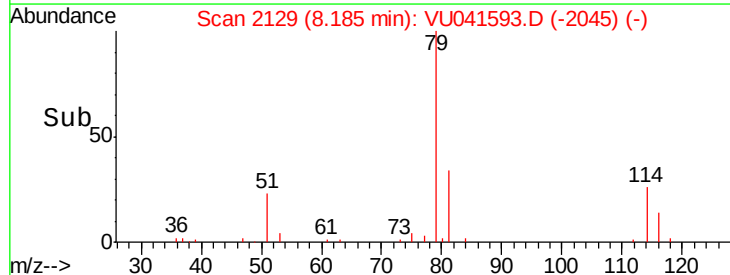
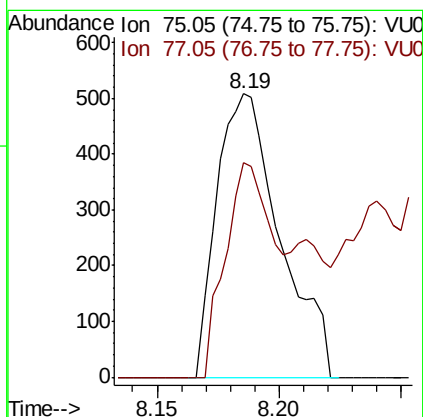
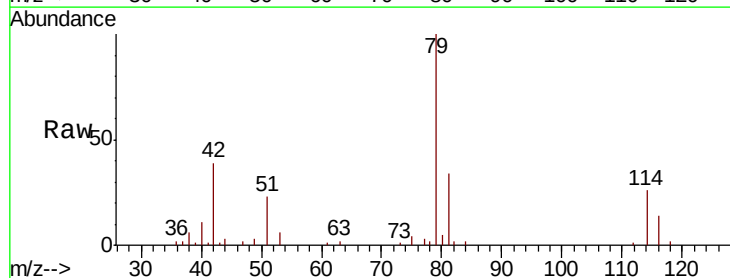
Tot Ion: 75 Resp: 1099
Ion Ratio Lower Upper
75 100
77 68.1 22.3 41.3#

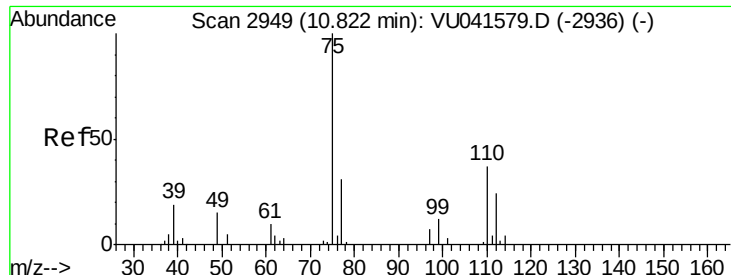


#44

trans-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041593.D
Acq: 13 Dec 2020 01:59

Tgt Ion: 75 Resp: 912
Ion Ratio Lower Upper
75 100
77 75.6 23.8 44.2#





#59

1,2,3-Trichloropropane

Concen: 0.943 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041593.D

Acq: 13 Dec 2020 01:59

Instrument :

MSVOA_U

ClientSampleId :

C0B15

Tot Ion: 75 Resp: 7595

Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.2

