

Data File : VU036811.D
Acq On : 17 Feb 2020 15:44
Operator : JC/MD
Sample : L1540-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBD33MS

Quant Time: Feb 18 00:49:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	129926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	121096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35471	3.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.40%
7) Chloroethane-d5	1.93	69	36179	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.59	63	70212	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.67	46	99852	42.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.22%
24) Chloroform-d	5.11	84	67606	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.74	65	38757	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
32) Benzene-d6	5.76	84	143848	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.73	67	48100	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.93	98	127010	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.20	79	16700	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.66	63	81916	39.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	35871	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	40131	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

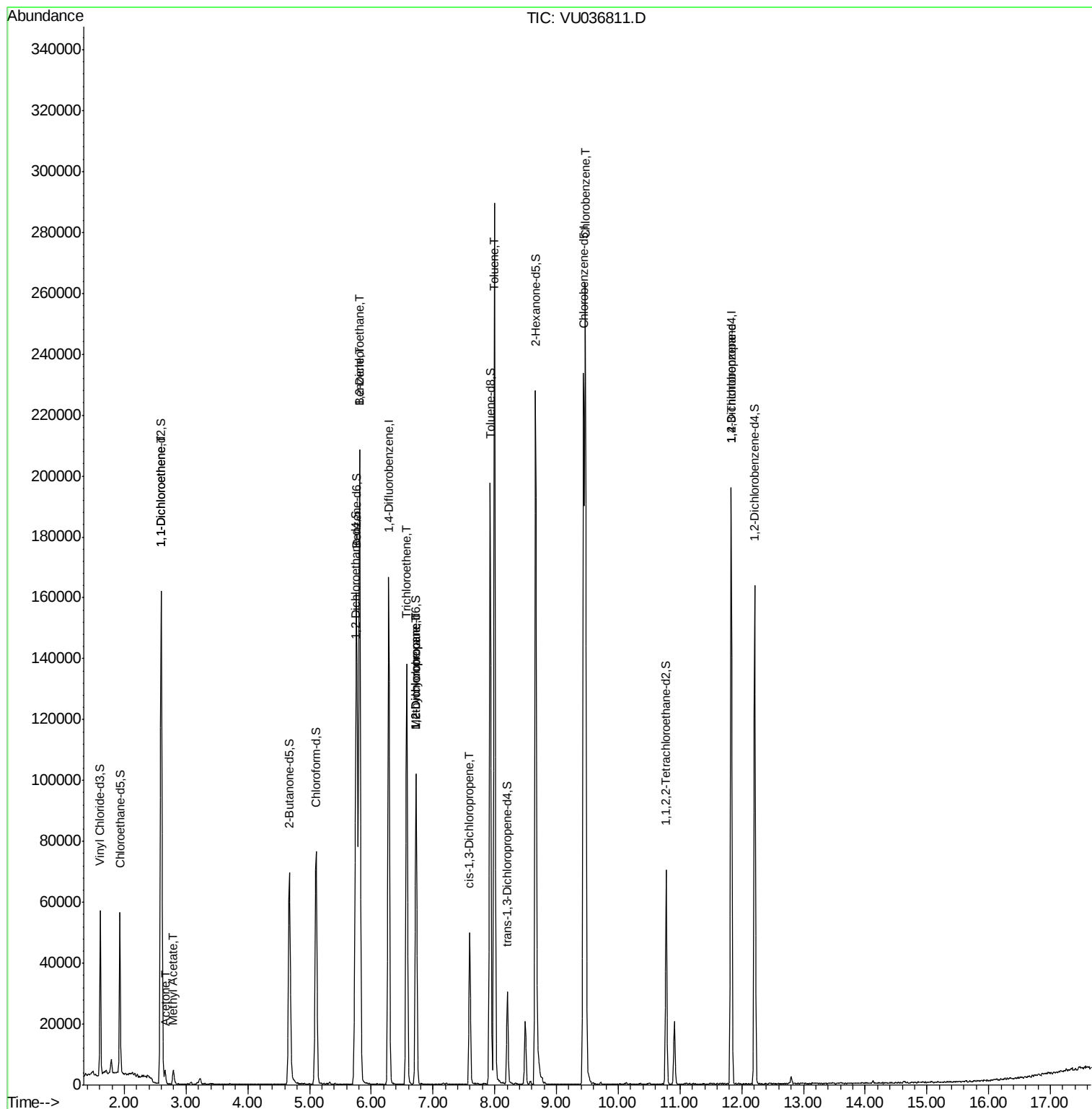
					Qvalue
12) 1,1-Dichloroethene	2.60	96	37650	4.764	ug/L 92
13) Acetone	2.66	43	5362	1.790	ug/L 95
15) Methyl Acetate	2.79	43	1374	0.346	ug/L # 52
27) 1,2-Dichloroethane	5.81	62	1669	0.143	ug/L # 76
33) Benzene	5.81	78	191023	5.114	ug/L 100
34) Trichloroethene	6.57	95	48367	5.084	ug/L 97
35) Methylcyclohexane	6.73	83	10384	0.688	ug/L # 20
37) 1,2-Dichloropropane	6.72	63	5495	0.539	ug/L # 89
39) cis-1,3-Dichloropropene	7.59	75	1210	0.082	ug/L # 68
42) Toluene	8.00	91	210232	5.241	ug/L 97
51) Chlorobenzene	9.47	112	131702	5.307	ug/L 98
59) 1,2,3-Trichloropropane	11.83	75	6871	1.020	ug/L 91

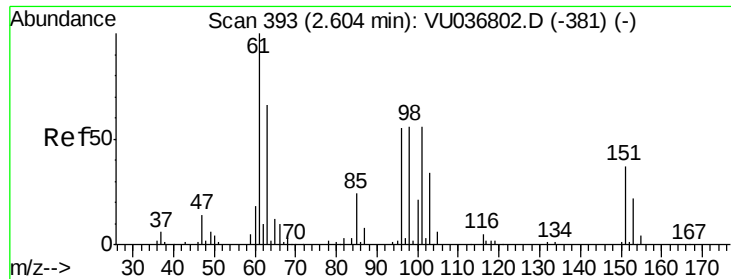
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.764 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036811.D

Acq: 17 Feb 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

DBD33MS

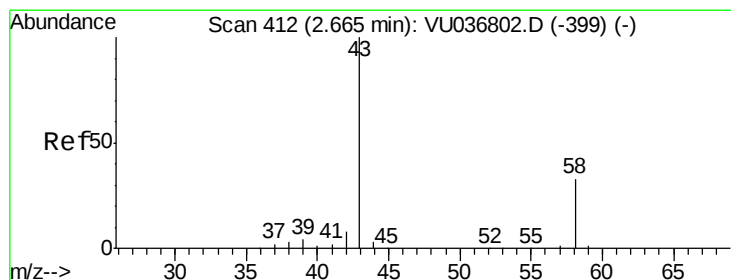
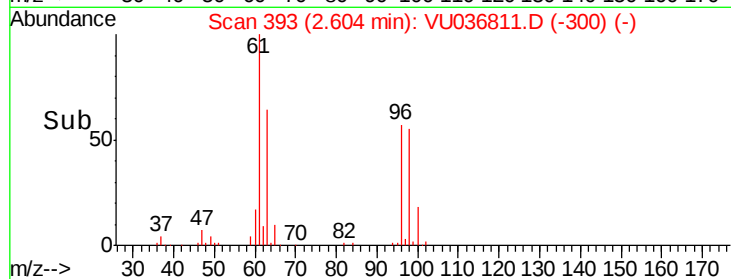
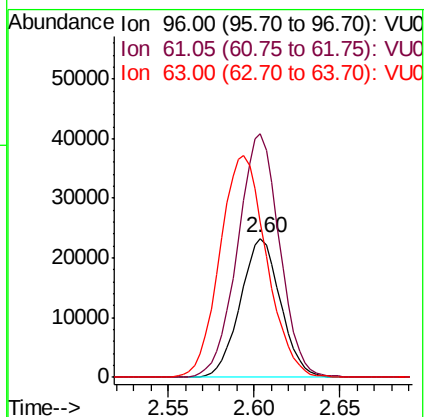
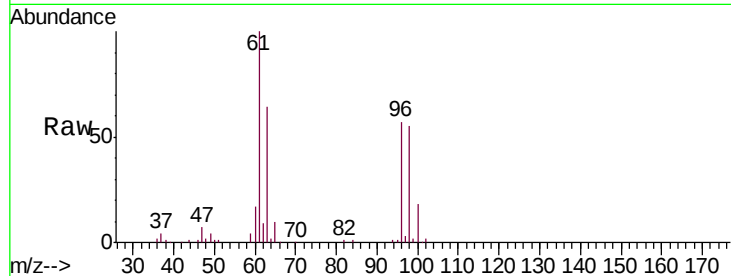
Tgt Ion: 96 Resp: 37650

Ion Ratio Lower Upper

96 100

61 175.1 126.4 234.8

63 111.8 89.5 166.3



#13

Acetone

Concen: 1.790 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

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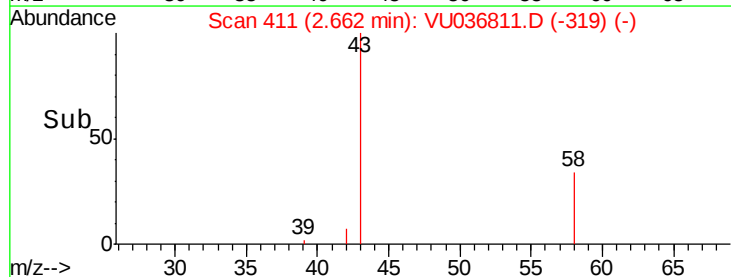
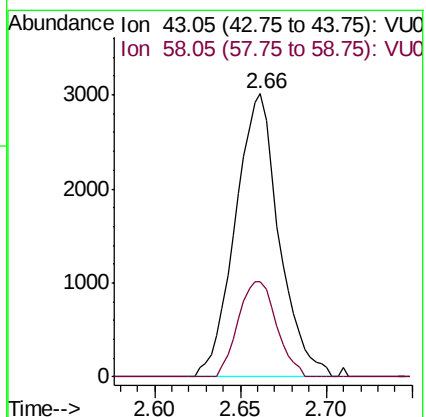
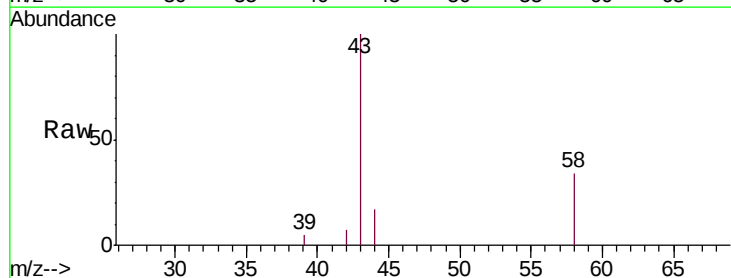
Acq: 17 Feb 2020 15:44

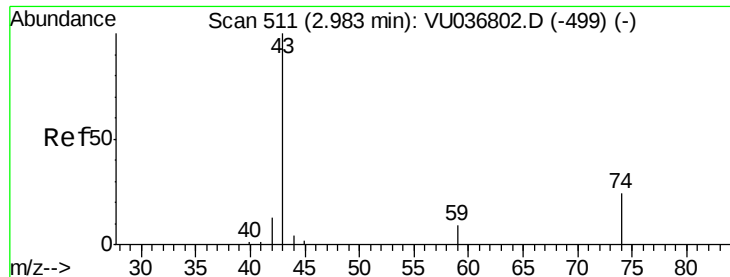
Tgt Ion: 43 Resp: 5362

Ion Ratio Lower Upper

43 100

58 29.5 0.0 64.2





#15

Methyl Acetate

Concen: 0.346 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU036811.D

Acq: 17 Feb 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

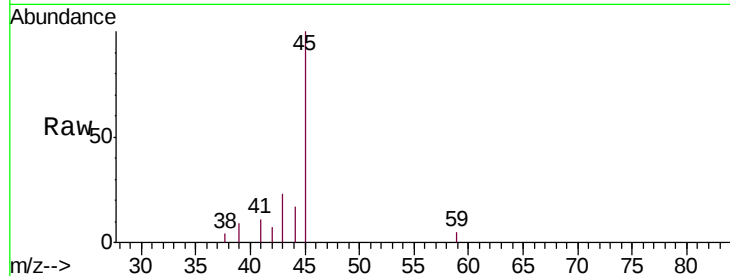
DBD33MS

Tgt Ion: 43 Resp: 1374

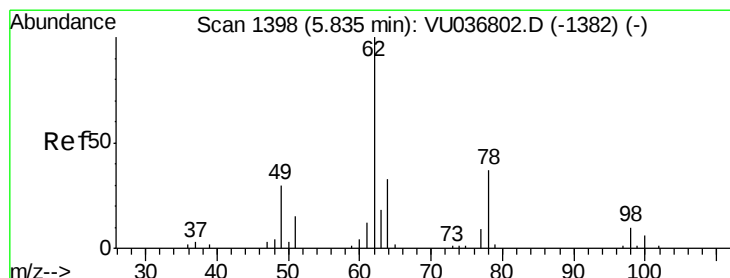
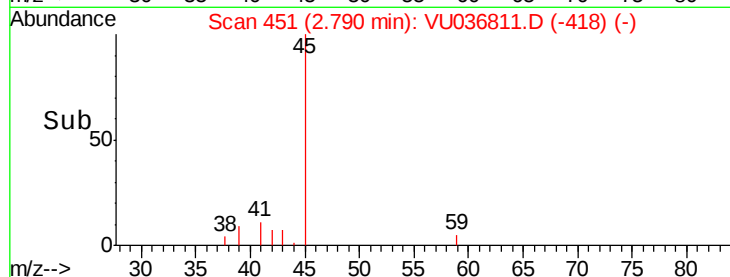
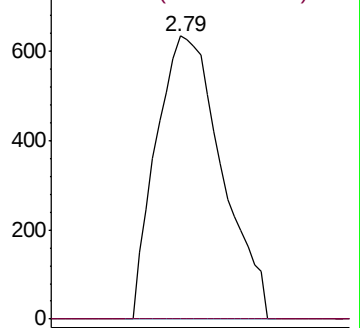
Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036811.D (-418) (-)



#27

1,2-Dichloroethane

Concen: 0.143 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.03 min

Lab File: VU036811.D

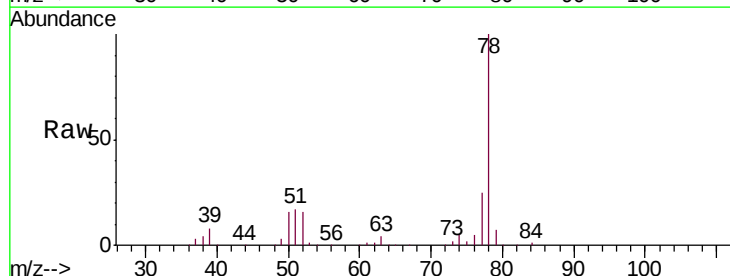
Acq: 17 Feb 2020 15:44

Tgt Ion: 62 Resp: 1669

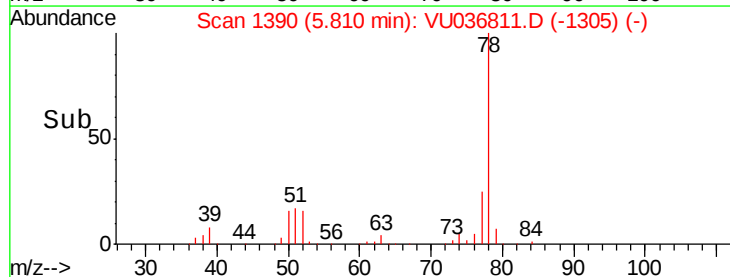
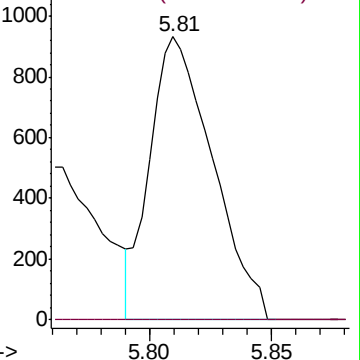
Ion Ratio Lower Upper

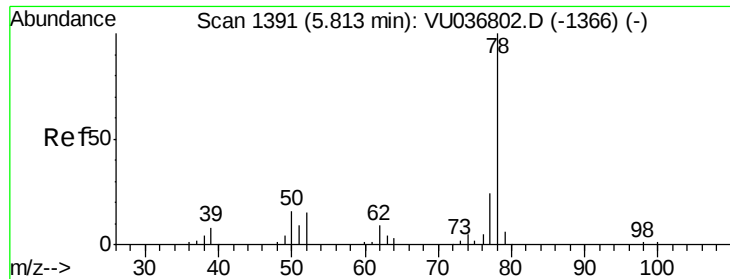
62 100

98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VU036811.D (-1305) (-)





#33

Benzene

Concen: 5.114 ug/L

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU036811.D

Acq: 17 Feb 2020 15:44

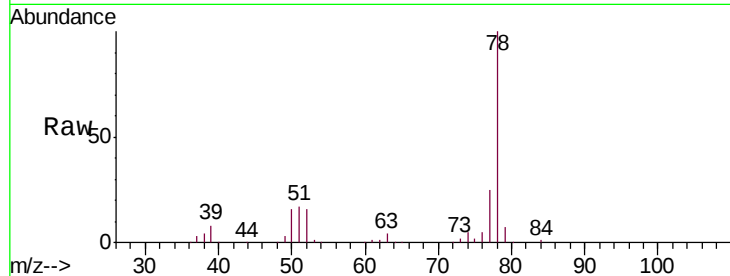
Instrument :

MSVOA_U

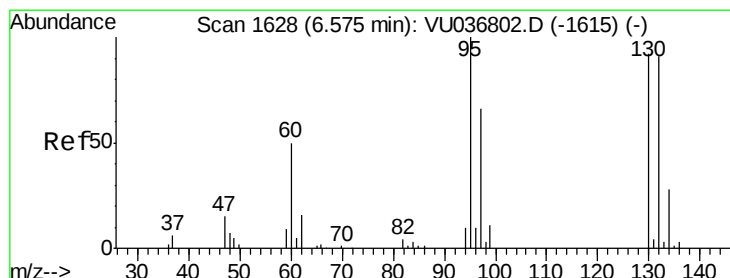
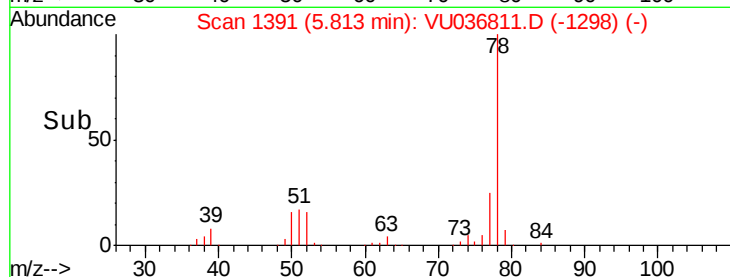
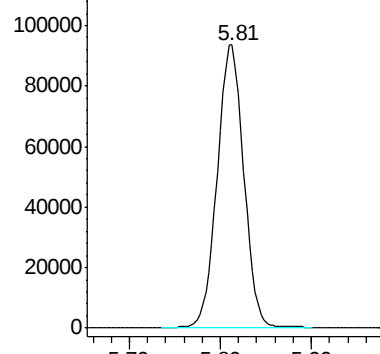
ClientSampleId :

DBD33MS

Tgt Ion: 78 Resp: 191023



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.084 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036811.D

Acq: 17 Feb 2020 15:44

Tgt Ion: 95 Resp: 48367

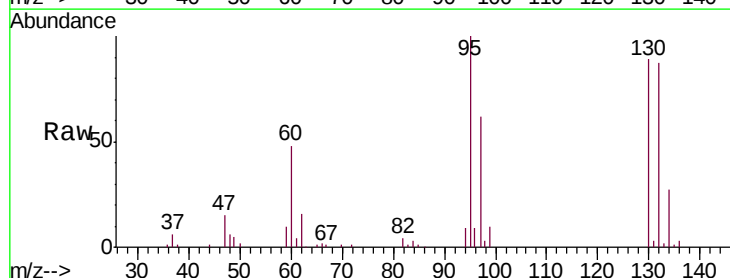
Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.6	84.8
132	86.6	62.8	116.6
130	89.3	63.8	118.4

95 100

97 61.8 45.6 84.8

132 86.6 62.8 116.6

130 89.3 63.8 118.4

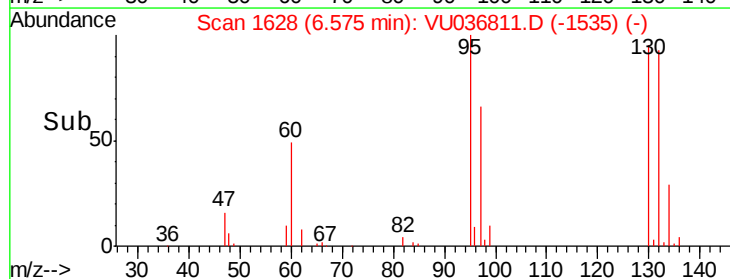
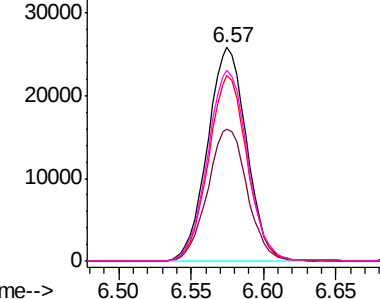


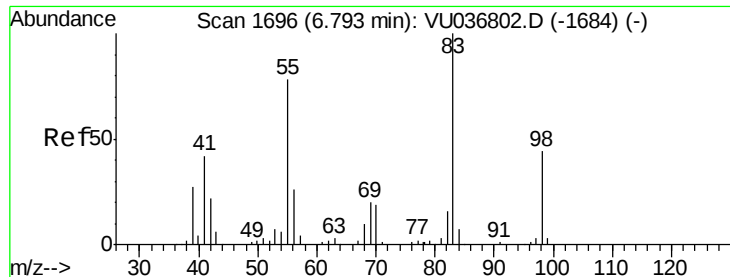
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

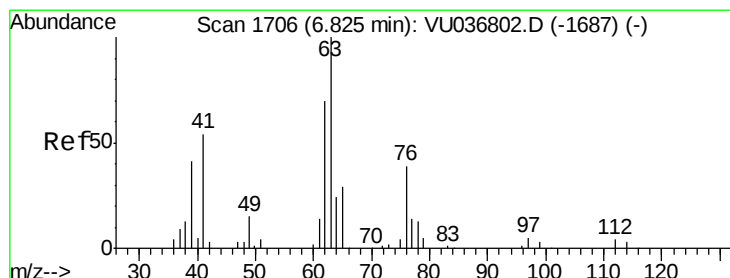
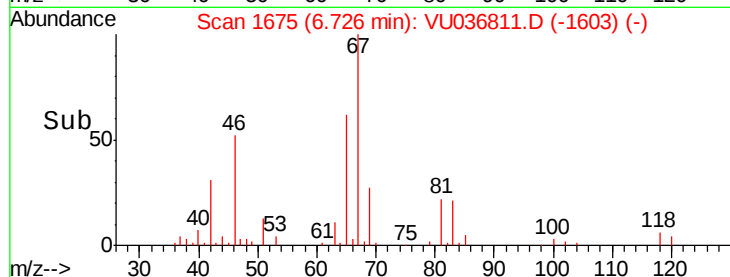
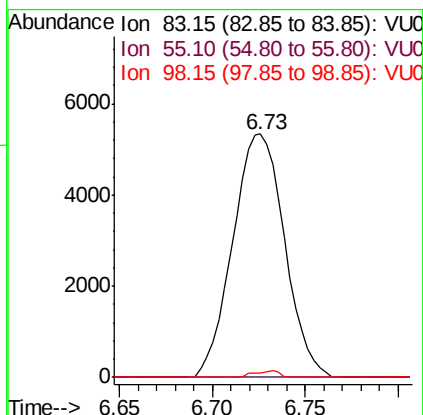
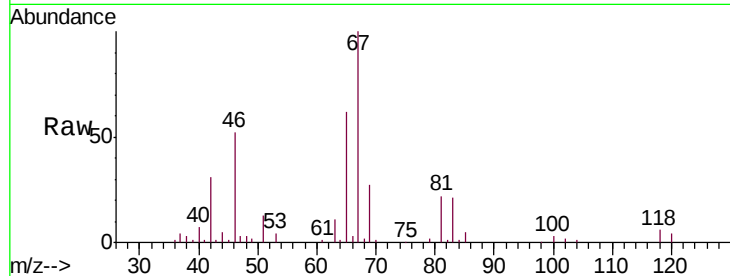




#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036811.D
Acq: 17 Feb 2020 15:44

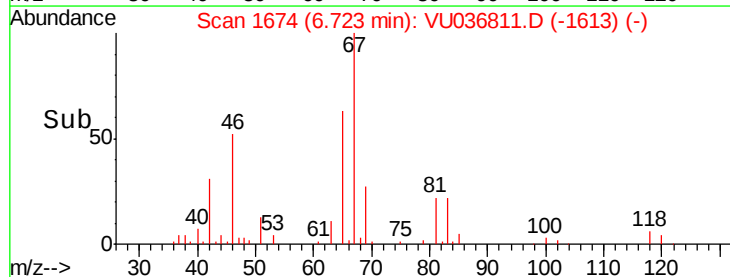
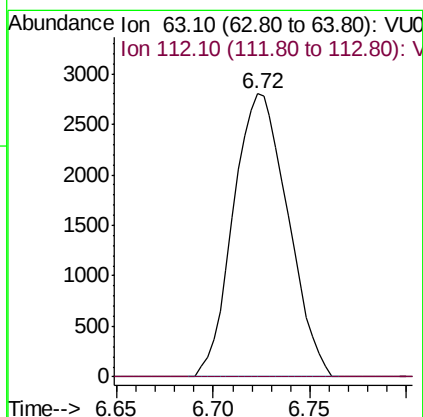
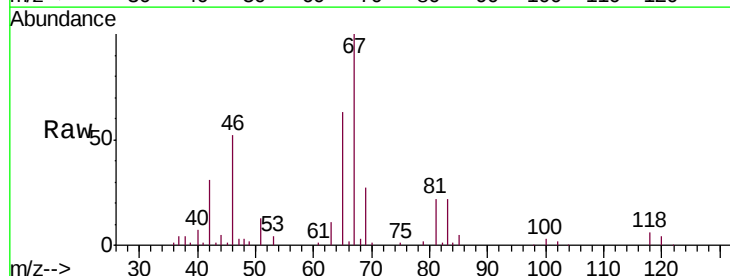
Instrument :
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ClientSampleId :
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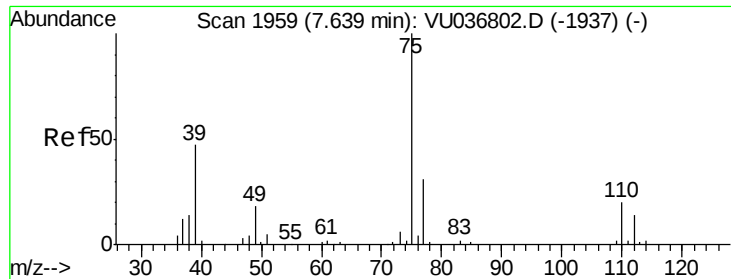
Tgt Ion: 83 Resp: 10384
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.3 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036811.D
Acq: 17 Feb 2020 15:44

Tgt Ion: 63 Resp: 5495
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

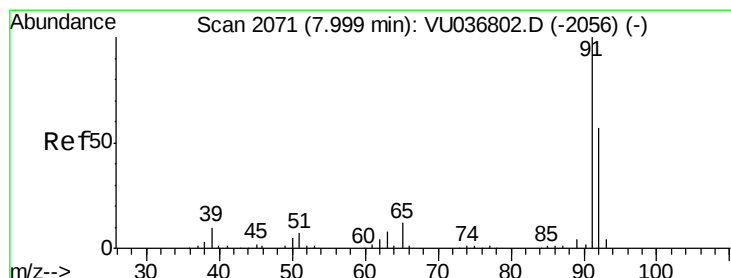
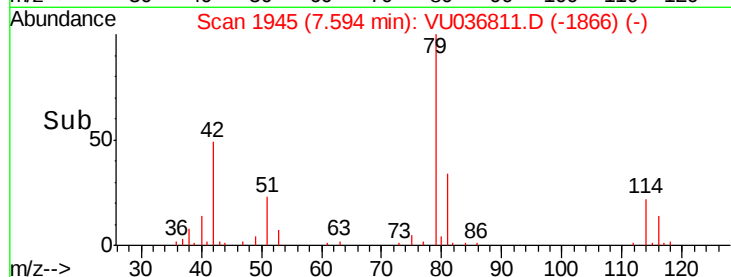
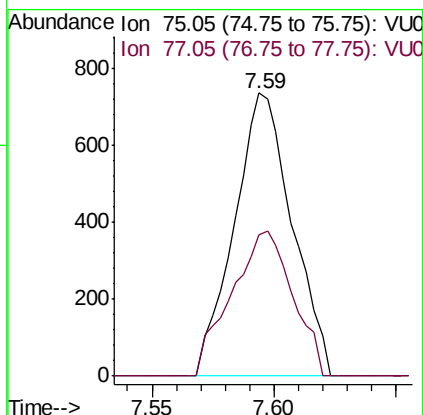
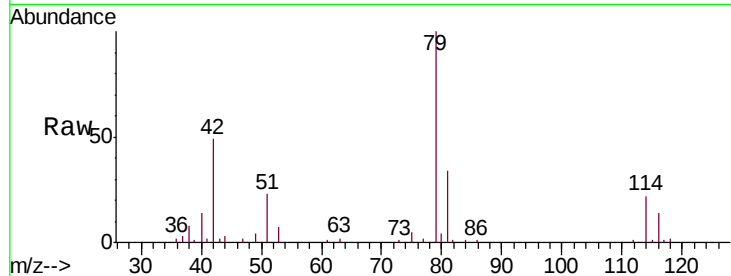




#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036811.D
 Acq: 17 Feb 2020 15:44

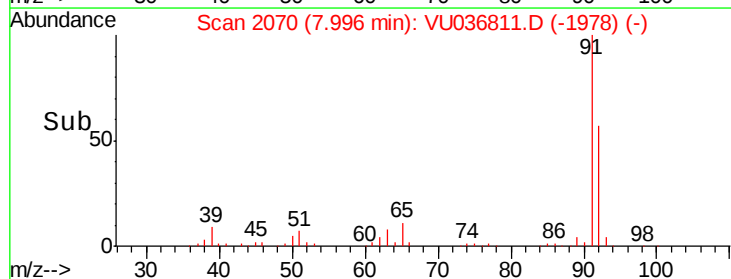
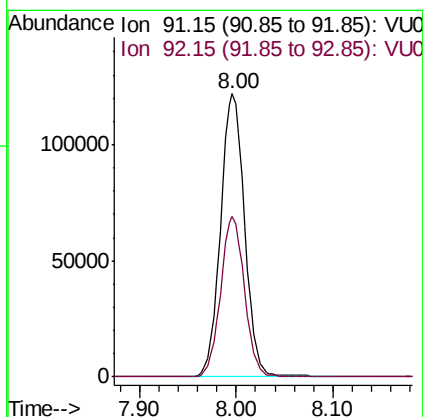
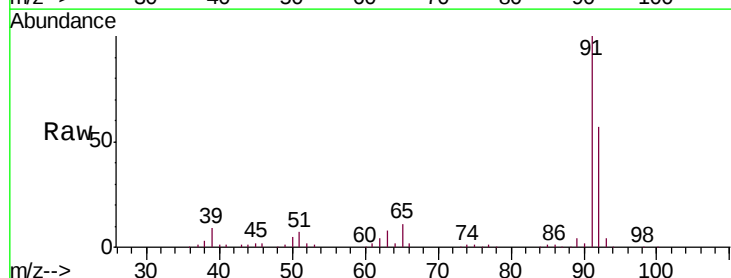
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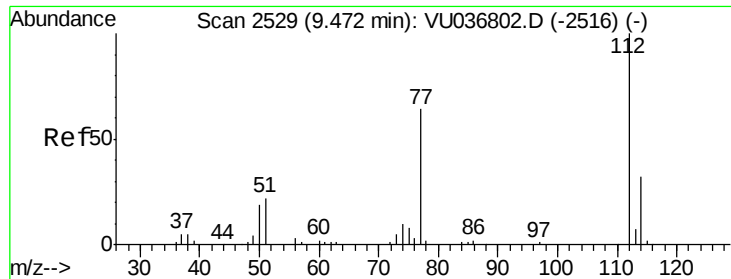
Tgt Ion: 75 Resp: 1210
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.5 41.9#



#42
 Toluene
 Concen: 5.241 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU036811.D
 Acq: 17 Feb 2020 15:44

Tgt Ion: 91 Resp: 210232
 Ion Ratio Lower Upper
 91 100
 92 56.7 41.2 76.4

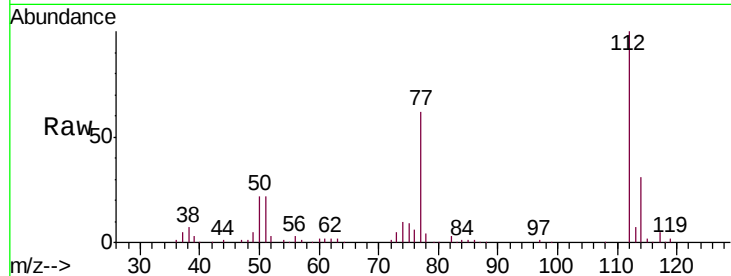




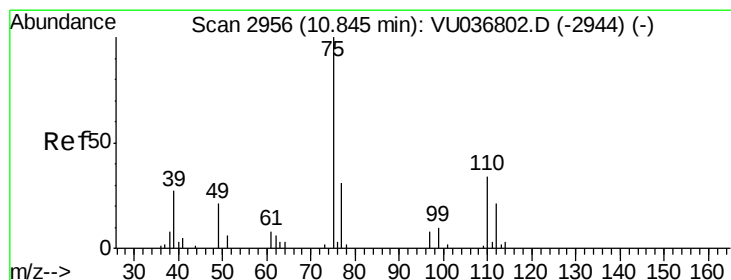
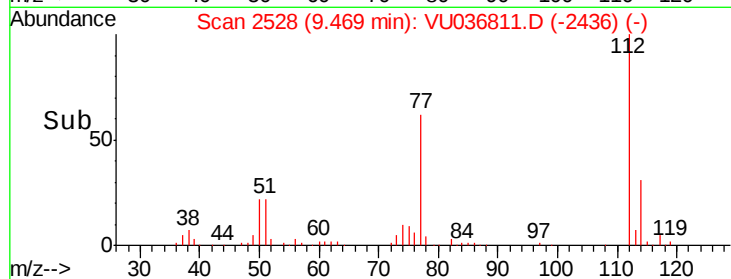
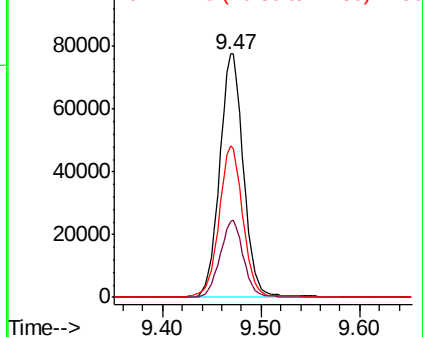
#51
Chlorobenzene
Concen: 5.307 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU036811.D
Acq: 17 Feb 2020 15:44

Instrument :
MSVOA_U
ClientSampleId :
DBD33MS

Tgt Ion: 112 Resp: 131702
Ion Ratio Lower Upper
112 100
114 31.4 22.9 42.5
77 62.4 51.0 76.4

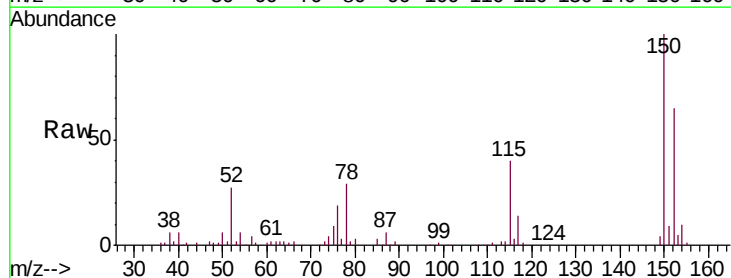


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#59
1,2,3-Trichloropropane
Concen: 1.020 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.99 min
Lab File: VU036811.D
Acq: 17 Feb 2020 15:44

Tgt Ion: 75 Resp: 6871
Ion Ratio Lower Upper
75 100
77 37.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

