

Data File : VU035613.D
Acq On : 04 Nov 2019 17:21
Operator : JC/SP
Sample : K5656-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5453MS

Quant Time: Nov 05 02:40:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 02:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244960	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	90278	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	101919	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.93	69	93631	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.60	63	162153	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.70	46	268261	48.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.38%
24) Chloroform-d	5.11	84	186698	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.75	65	99638	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.77	84	357125	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.74	67	124986	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.93	98	299628	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	8.22	79	44139	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.68	63	192117	44.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.28%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102105	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	86835	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

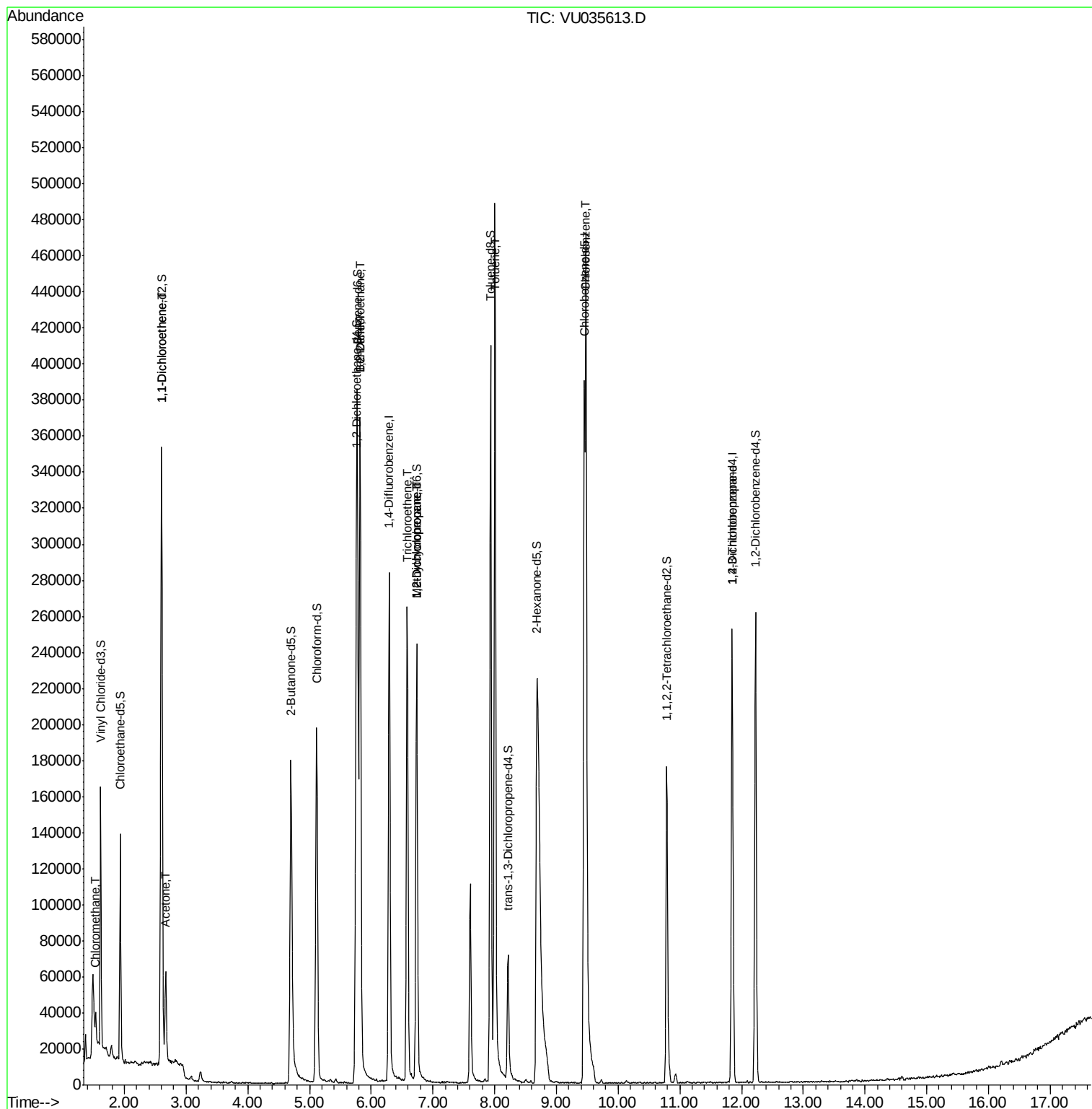
					Qvalue
3) Chloromethane	1.54	50	10943	0.360 ug/L	96
12) 1,1-Dichloroethene	2.61	96	73849	3.428 ug/L	97
13) Acetone	2.67	43	52501	13.081 ug/L	99
27) 1,2-Dichloroethane	5.82	62	3512	0.141 ug/L #	73
33) Benzene	5.82	78	359597	3.782 ug/L	100
34) Trichloroethene	6.58	95	91993	3.781 ug/L	99
35) Methylcyclohexane	6.74	83	27473	0.741 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	12715	0.508 ug/L #	87
42) Toluene	8.01	91	380336	3.802 ug/L	98
51) Chlorobenzene	9.48	112	282558	4.302 ug/L	98
59) 1,2,3-Trichloropropane	11.84	75	9637	0.582 ug/L #	41

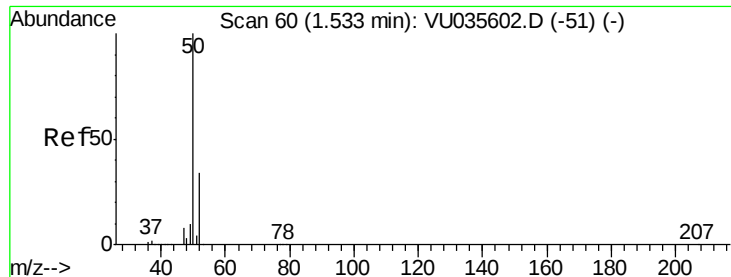
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.360 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035613.D

Acq: 04 Nov 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

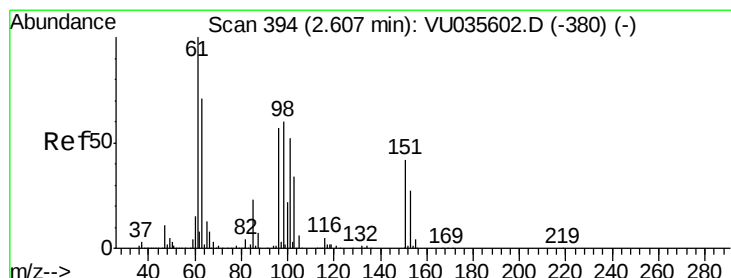
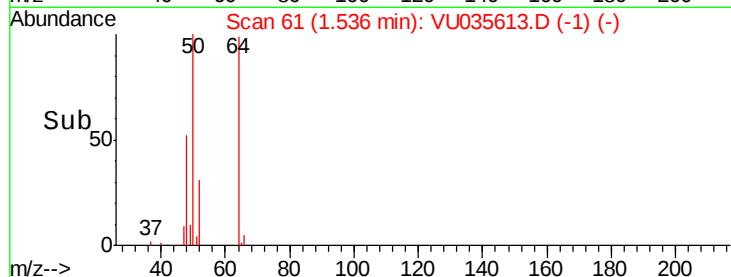
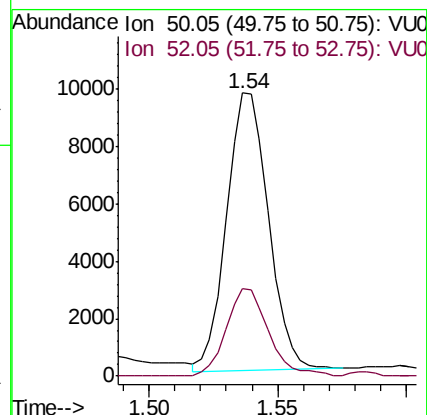
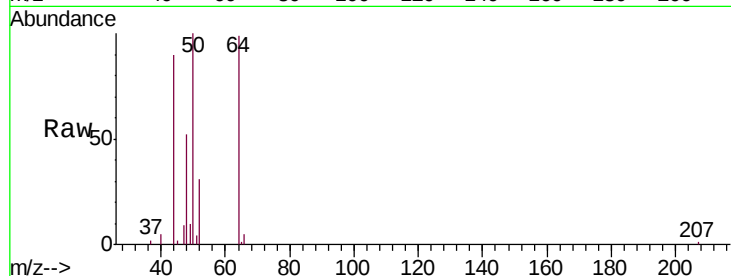
A5453MS

Tgt Ion: 50 Resp: 10943

Ion Ratio Lower Upper

50 100

52 31.1 23.4 43.6



#12

1,1-Dichloroethene

Concen: 3.428 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035613.D

Acq: 04 Nov 2019 17:21

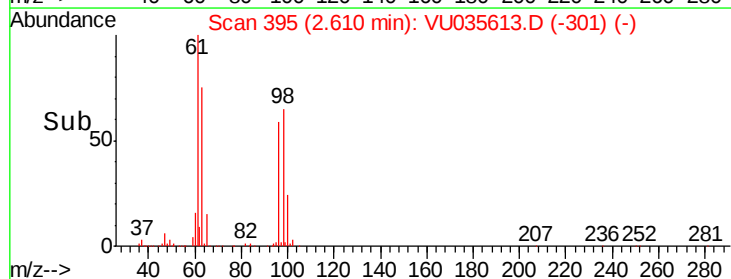
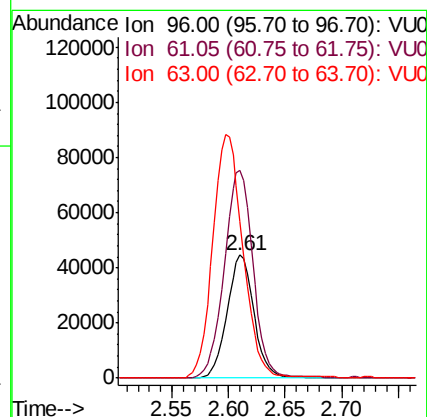
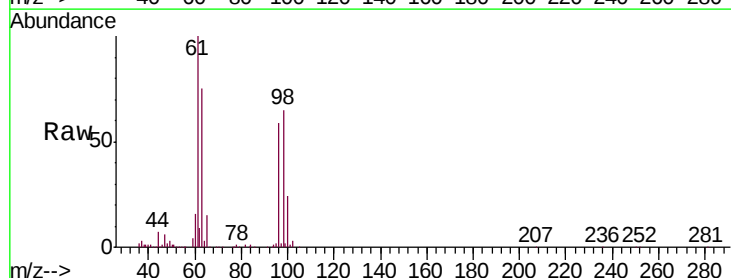
Tgt Ion: 96 Resp: 73849

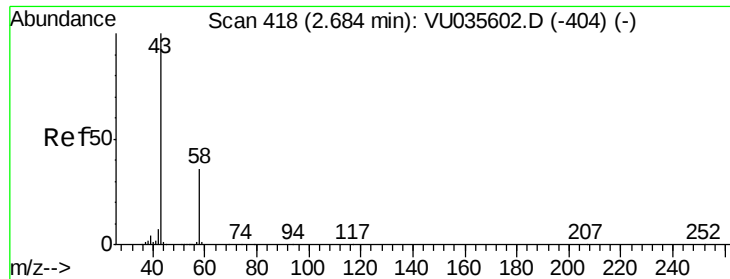
Ion Ratio Lower Upper

96 100

61 169.5 123.1 228.5

63 127.4 87.8 163.0





#13

Acetone

Concen: 13.081 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035613.D

Acq: 04 Nov 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

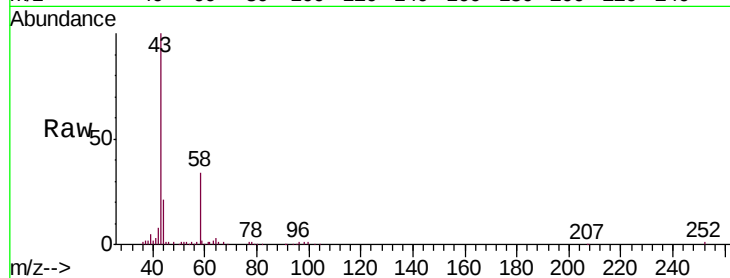
A5453MS

Tgt Ion: 43 Resp: 52501

Ion Ratio Lower Upper

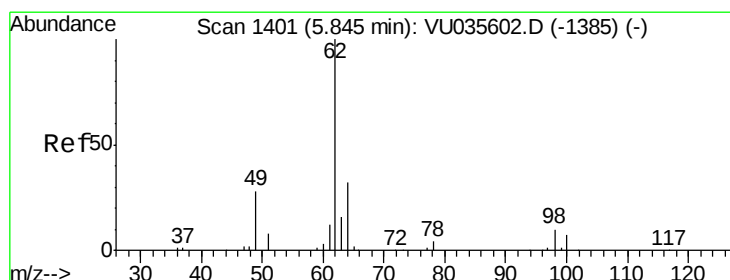
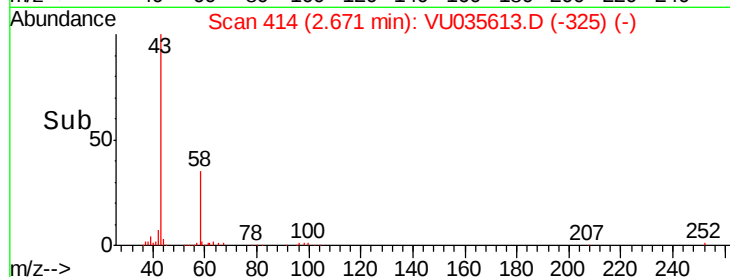
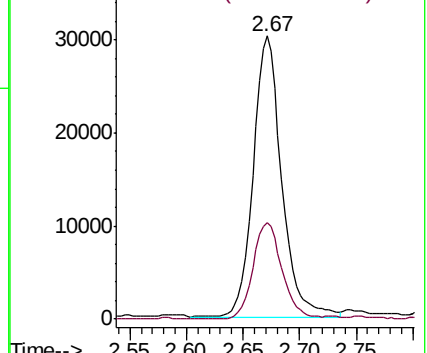
43 100

58 35.4 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035613.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU035613.D (-325) (-)



#27

1,2-Dichloroethane

Concen: 0.141 ug/L

RT: 5.82 min Scan# 1394

Delta R.T. -0.02 min

Lab File: VU035613.D

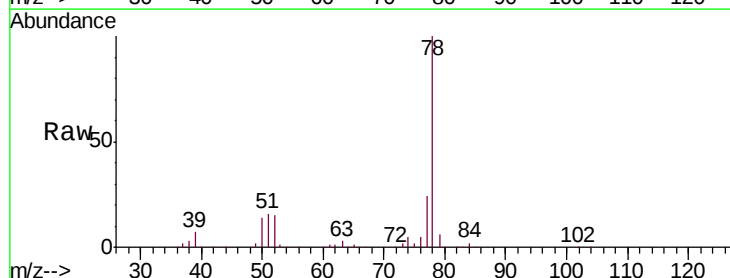
Acq: 04 Nov 2019 17:21

Tgt Ion: 62 Resp: 3512

Ion Ratio Lower Upper

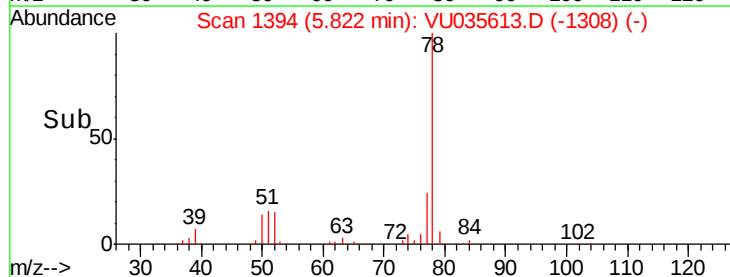
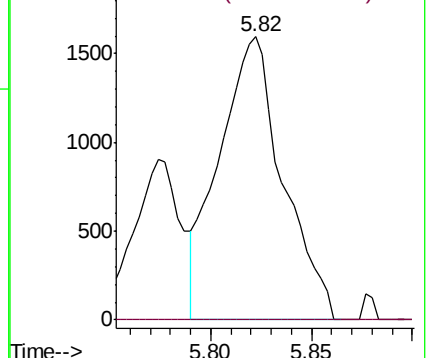
62 100

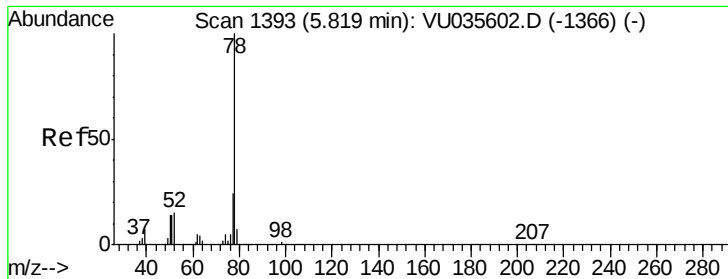
98 0.0 8.0 12.0#



Abundance Ion 62.00 (61.70 to 62.70): VU035613.D (-1308) (-)

Ion 98.05 (97.75 to 98.75): VU035613.D (-1308) (-)





#33

Benzene

Concen: 3.782 ug/L

RT: 5.82 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VU035613.D

Acq: 04 Nov 2019 17:21

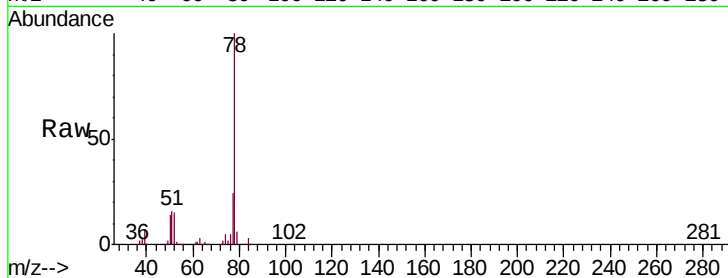
Instrument :

MSVOA_U

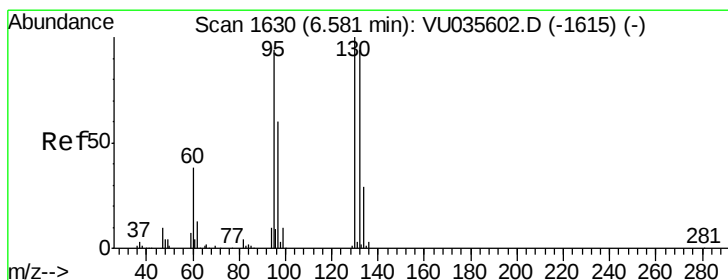
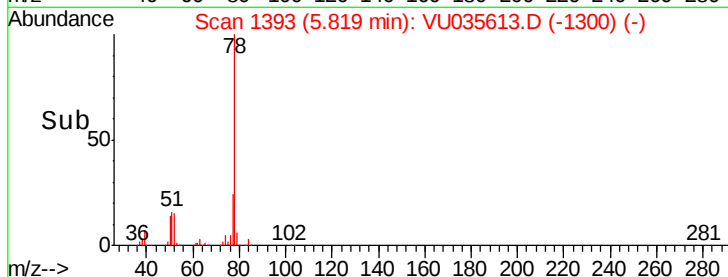
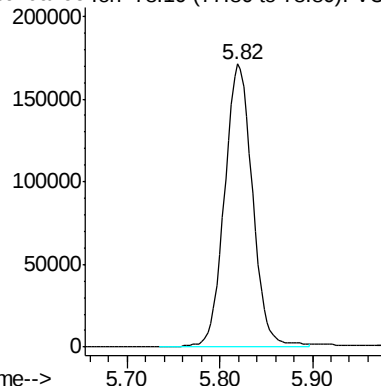
ClientSampleId :

A5453MS

Tgt Ion: 78 Resp: 359597



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 3.781 ug/L

RT: 6.58 min Scan# 1631

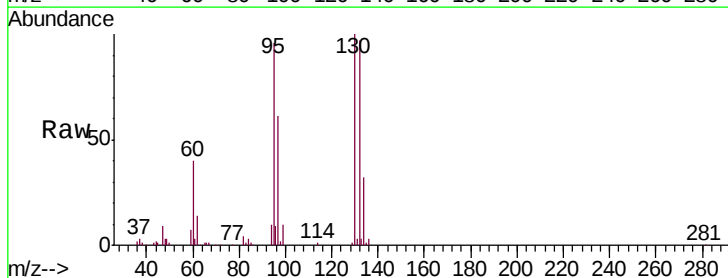
Delta R.T. 0.00 min

Lab File: VU035613.D

Acq: 04 Nov 2019 17:21

Tgt Ion: 95 Resp: 91993

Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.5	82.7
132	100.8	69.9	129.7
130	103.9	74.1	137.7

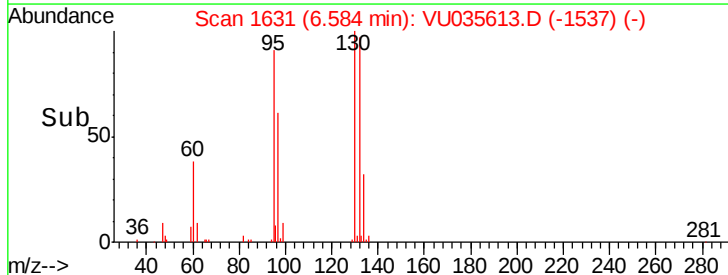
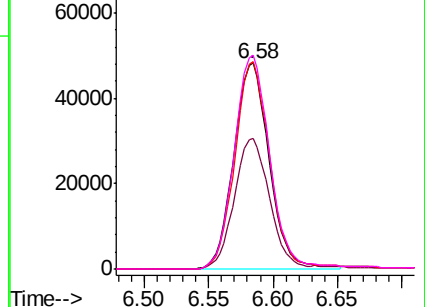


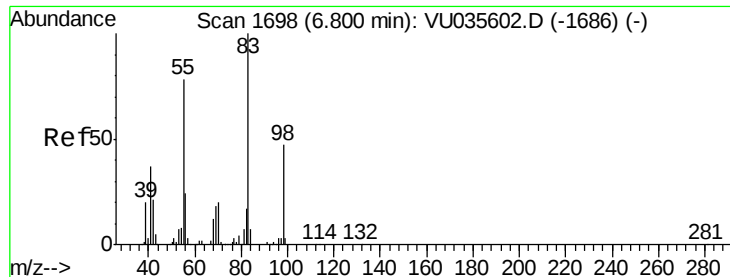
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

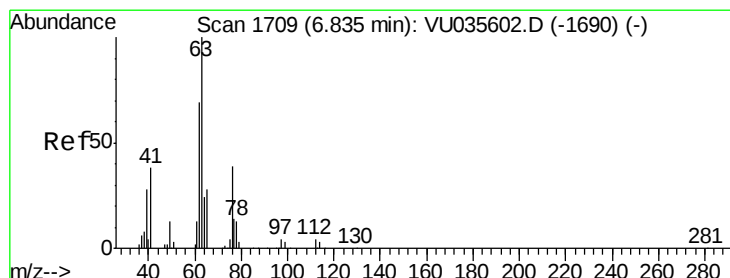
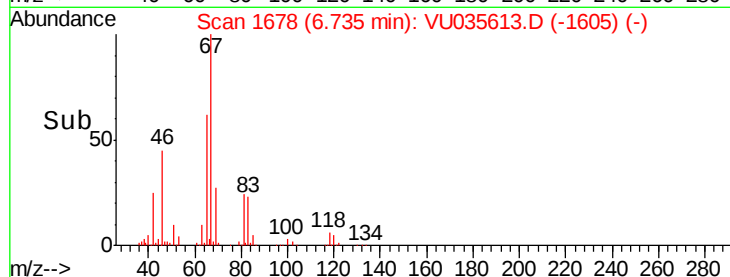
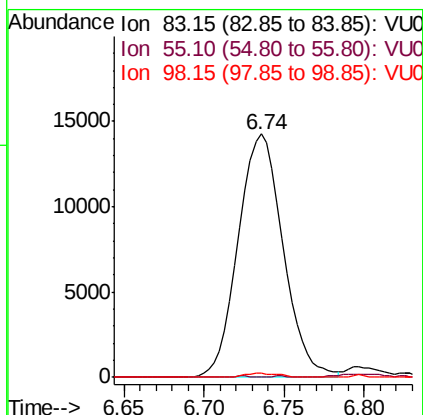
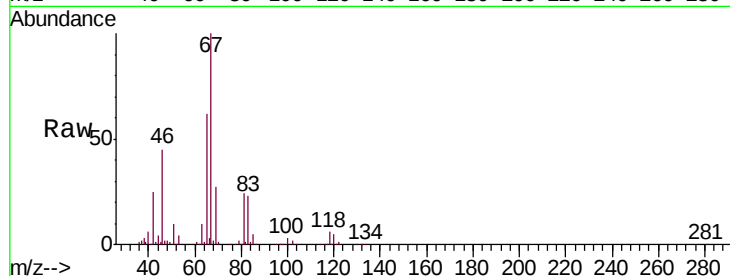




#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035613.D
Acq: 04 Nov 2019 17:21

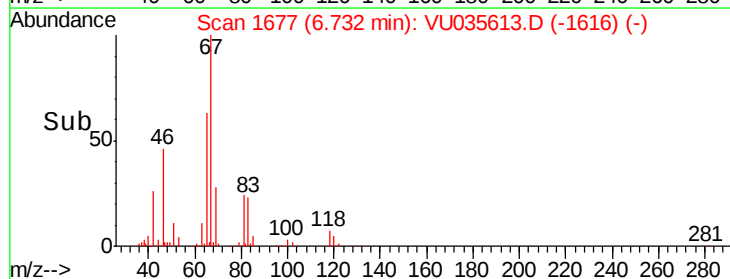
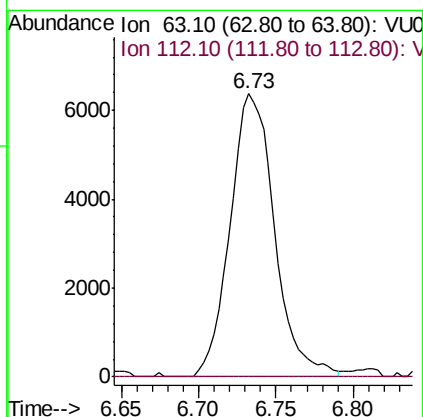
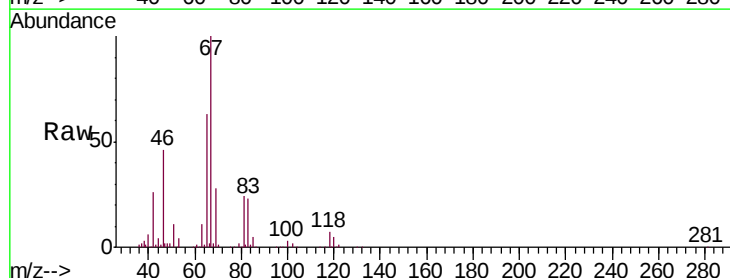
Instrument :
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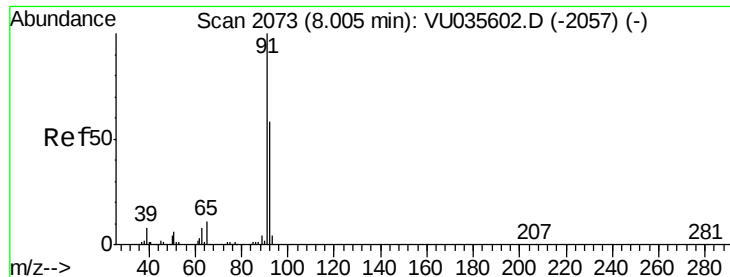
Tgt Ion: 83 Resp: 27473
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 1.3 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035613.D
Acq: 04 Nov 2019 17:21

Tgt Ion: 63 Resp: 12715
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#42

Toluene

Concen: 3.802 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035613.D

Acq: 04 Nov 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

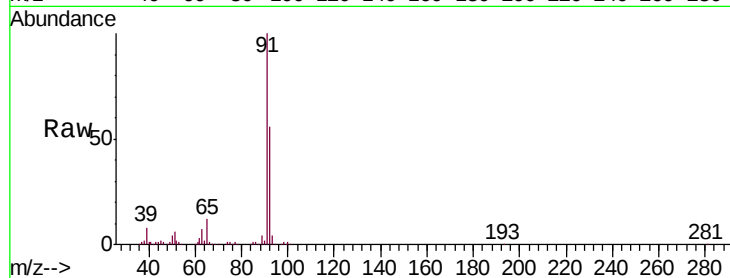
A5453MS

Tgt Ion: 91 Resp: 380336

Ion Ratio Lower Upper

91 100

92 56.1 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VU035602.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU035602.D (-2057) (-)

8.01

250000

200000

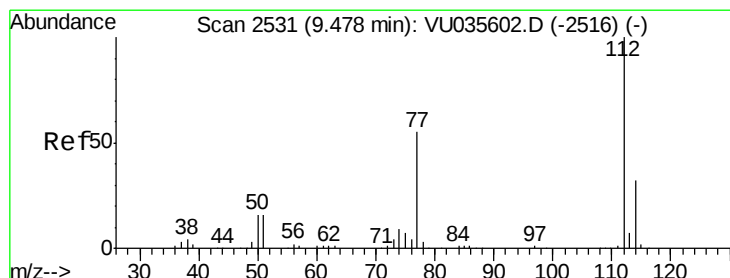
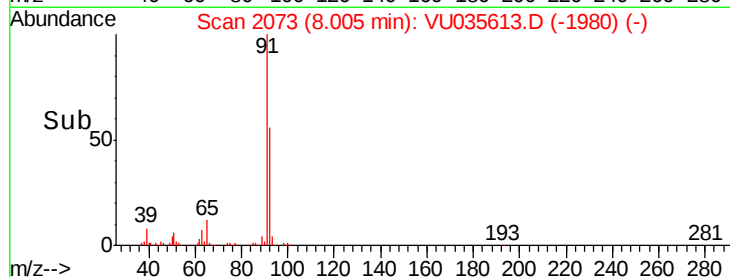
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.302 ug/L

RT: 9.48 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU035613.D

Acq: 04 Nov 2019 17:21

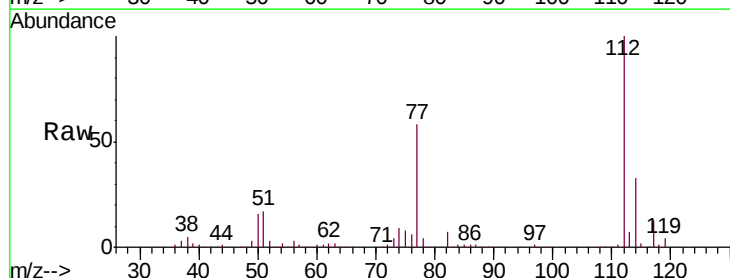
Tgt Ion: 112 Resp: 282558

Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.5

77 57.7 44.3 66.5



Abundance Ion 112.10 (111.80 to 112.80): VU035602.D (-2516) (-)

Ion 114.05 (113.75 to 114.75): VU035602.D (-2516) (-)

Ion 77.10 (76.80 to 77.80): VU035602.D (-2516) (-)

9.48

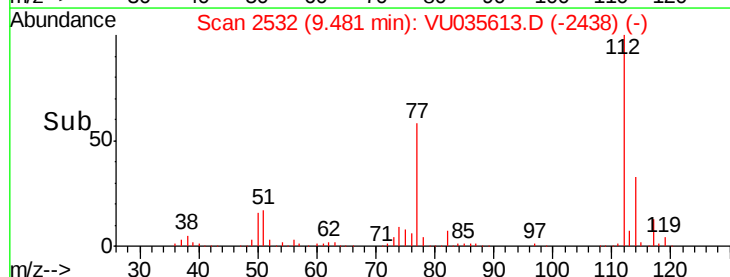
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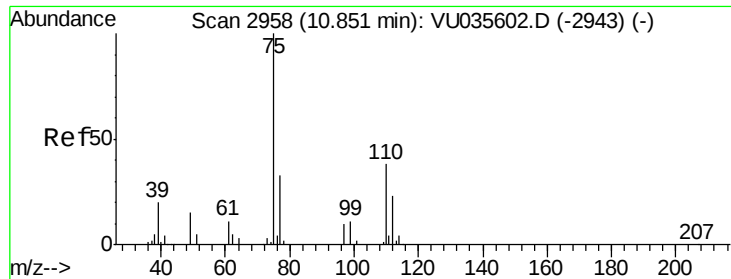
100000

50000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.582 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035613.D

Acq: 04 Nov 2019 17:21

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Tgt Ion: 75 Resp: 9637

Ion Ratio Lower Upper

75 100

77 0.0 26.8 40.2#

