

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
 Data File : VU025464.D
 Acq On : 17 Jul 2018 18:37
 Operator : MD/SY
 Sample : J3986-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C6

Quant Time: Jul 18 05:57:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 05:54:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	334279	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140243	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81426	51.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.30%
7) Chloroethane-d5	1.68	69	68280	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.68%
11) 1,1-Dichloroethene-d2	2.27	63	181174	52.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.68%
21) 2-Butanone-d5	4.18	46	156277	93.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	4.65	84	184271	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.31	65	131193	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
32) Benzene-d6	5.35	84	360981	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
36) 1,2-Dichloropropane-d6	6.34	67	118993	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	7.57	98	336685	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%
43) trans-1,3-Dichloropropene-	7.85	79	56780	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.86%
47) 2-Hexanone-d5	8.31	63	113057	89.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.83%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160458	44.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	133169	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%

Target Compounds

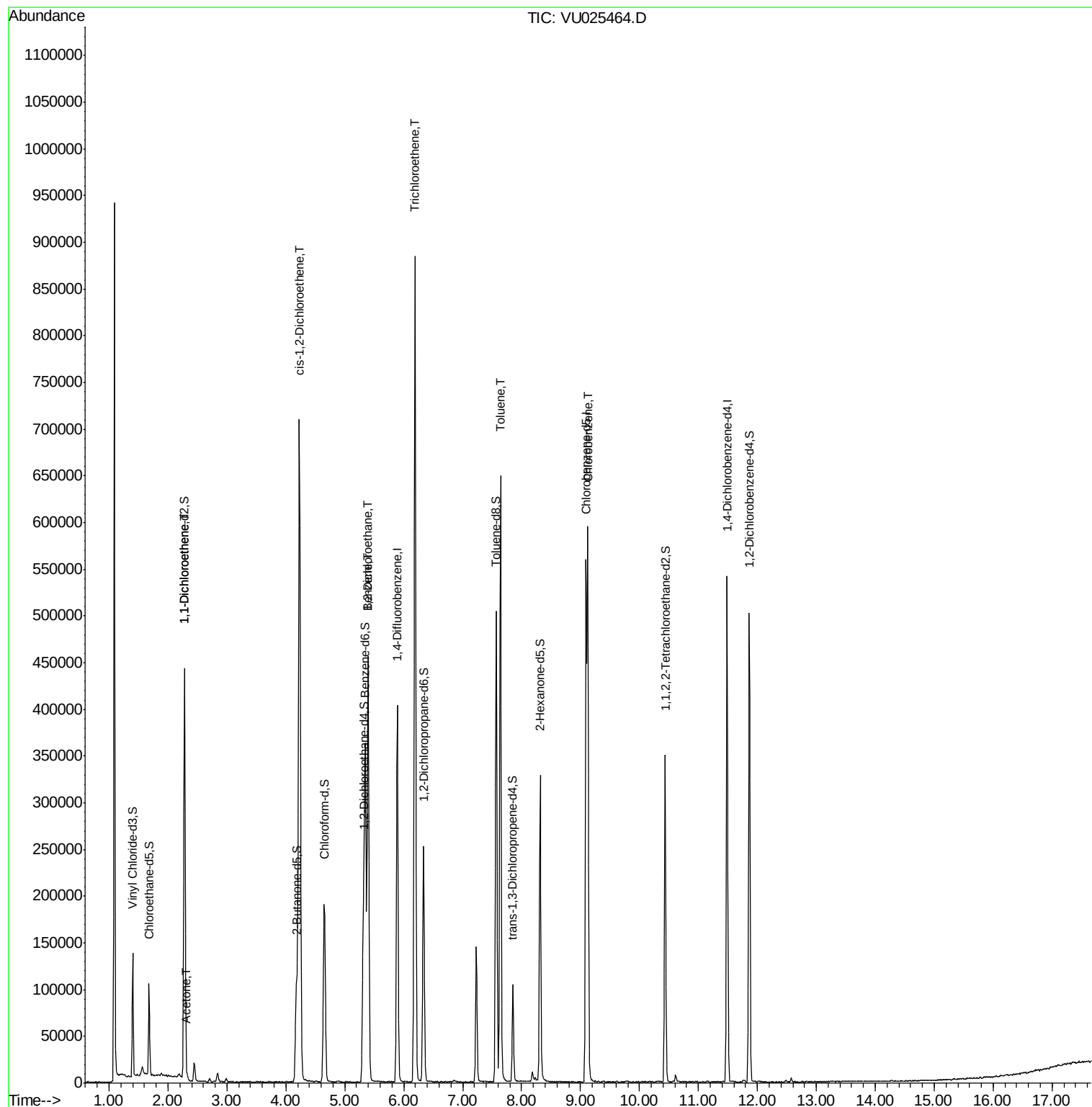
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	93893	51.822	ug/L	96
13) Acetone	2.32	43	4265	2.912	ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	393949	150.139	ug/L	99
27) 1,2-Dichloroethane	5.40	62	4730	1.264	ug/L #	77
33) Benzene	5.39	78	435806	48.563	ug/L	100
34) Trichloroethene	6.19	95	297440	125.206	ug/L	98
42) Toluene	7.64	91	472847	49.416	ug/L	99
51) Chlorobenzene	9.12	112	303659	47.295	ug/L	99

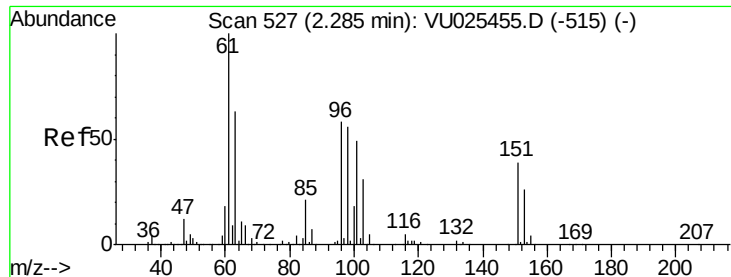
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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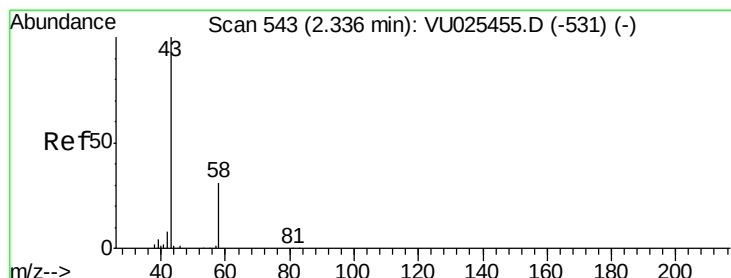
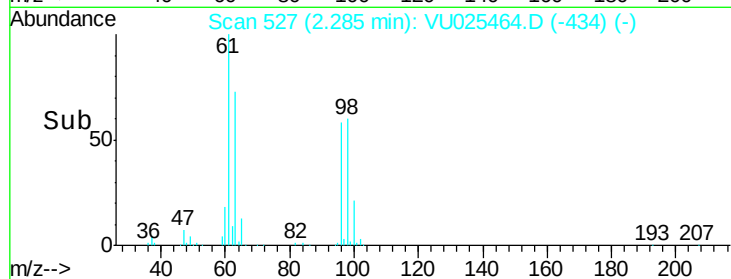
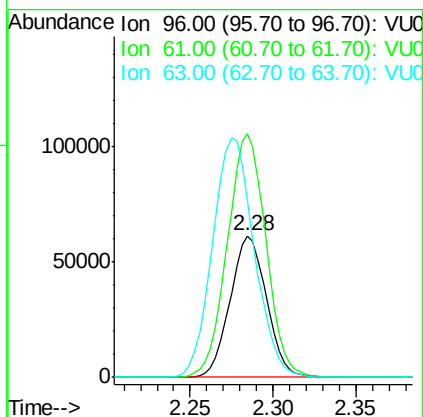
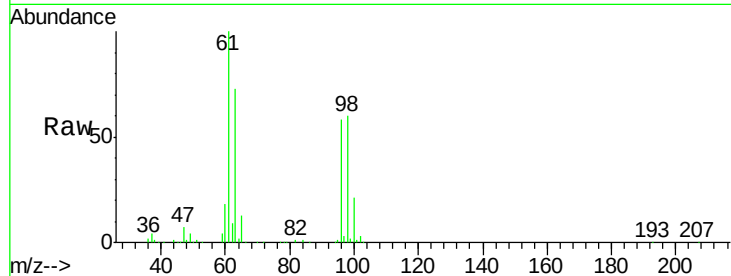




#12
 1,1-Dichloroethene
 Concen: 51.822 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025464.D
 Acq: 17 Jul 2018 18:37

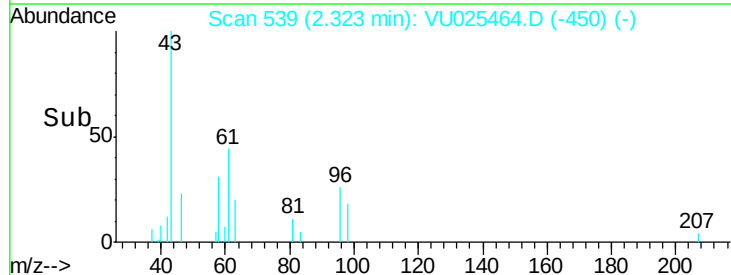
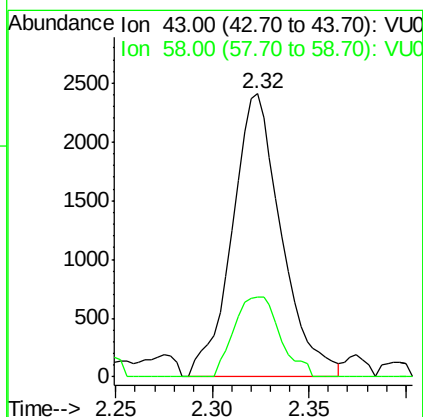
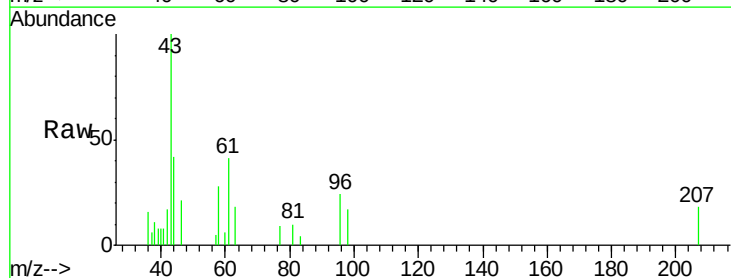
Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C6

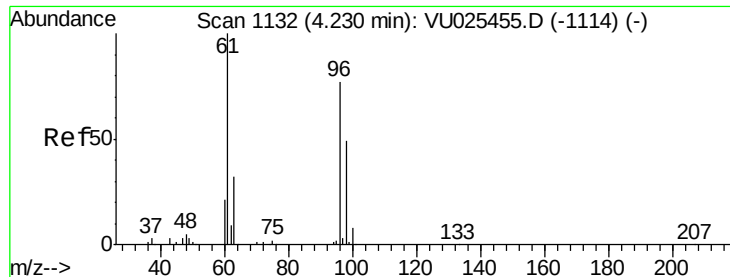
Tgt Ion: 96 Resp: 93893
 Ion Ratio Lower Upper
 96 100
 61 172.1 120.6 224.0
 63 124.8 79.3 147.3



#13
 Acetone
 Concen: 2.912 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VU025464.D
 Acq: 17 Jul 2018 18:37

Tgt Ion: 43 Resp: 4265
 Ion Ratio Lower Upper
 43 100
 58 26.5 0.0 59.0

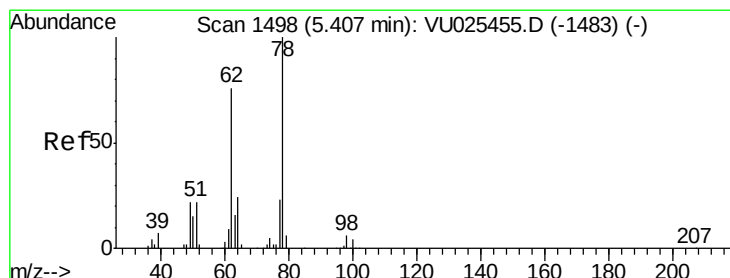
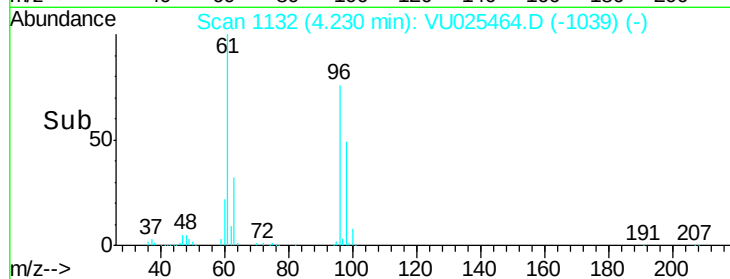
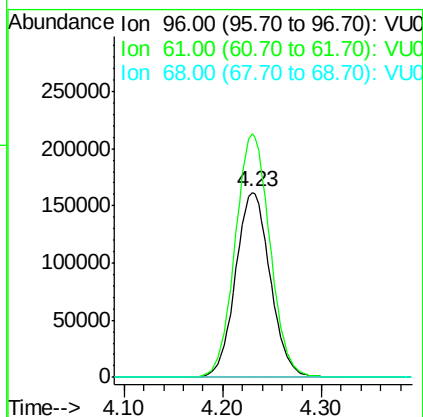
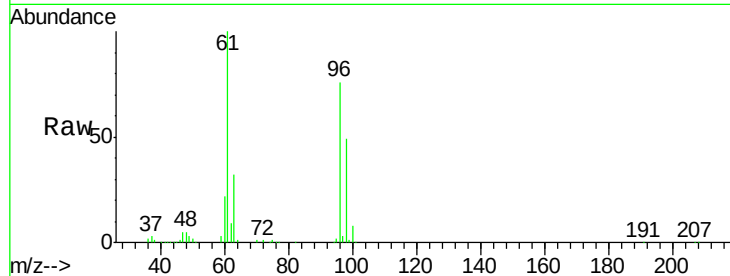




#20
 cis-1,2-Dichloroethene
 Concen: 150.139 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025464.D
 Acq: 17 Jul 2018 18:37

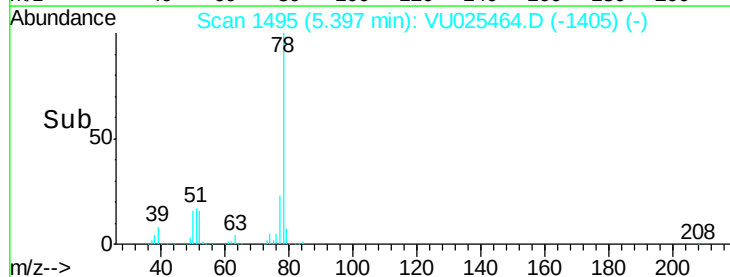
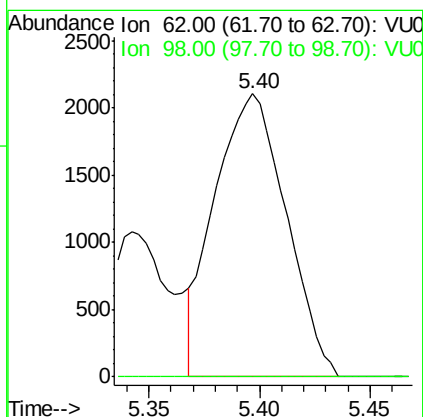
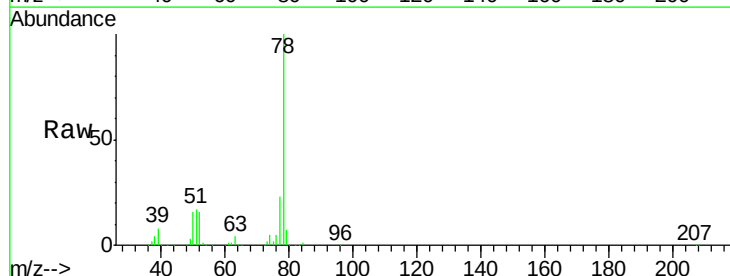
Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C6

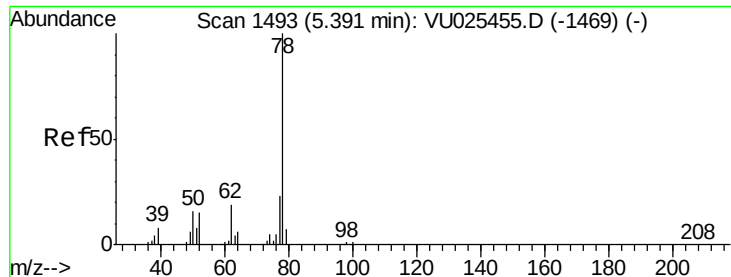
Tgt Ion: 96 Resp: 393949
 Ion Ratio Lower Upper
 96 100
 61 131.7 91.7 170.3
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 1.264 ug/L
 RT: 5.40 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: VU025464.D
 Acq: 17 Jul 2018 18:37

Tgt Ion: 62 Resp: 4730
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7#





#33

Benzene

Concen: 48.563 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025464.D

Acq: 17 Jul 2018 18:37

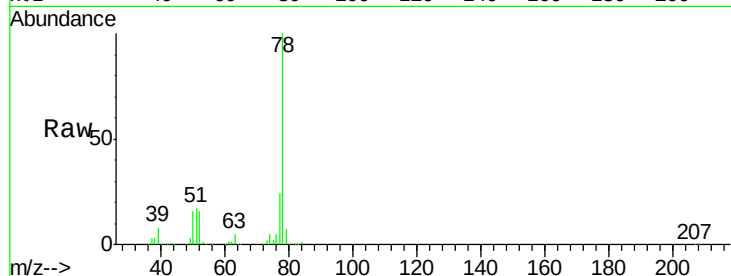
Instrument :

MSVOA_U

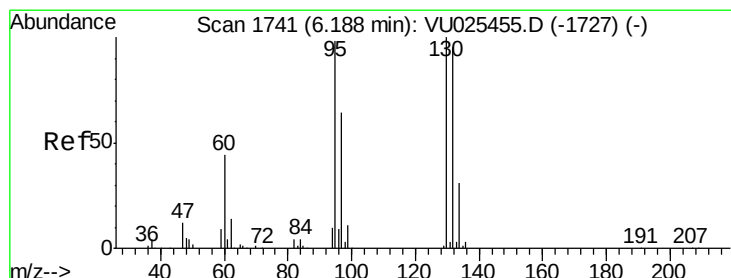
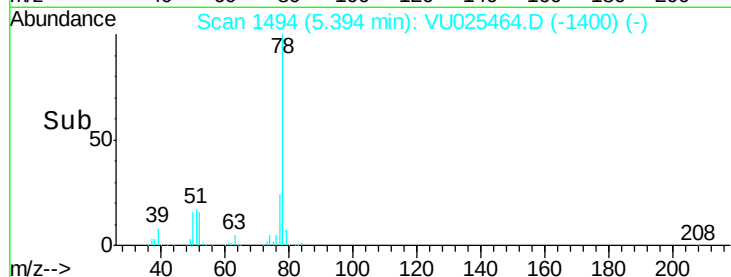
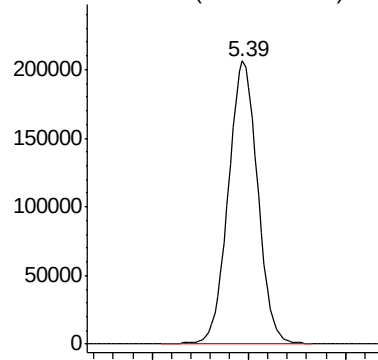
ClientSampleId :

DB1C6

Tgt Ion: 78 Resp: 435806



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 125.206 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025464.D

Acq: 17 Jul 2018 18:37

Tgt Ion: 95 Resp: 297440

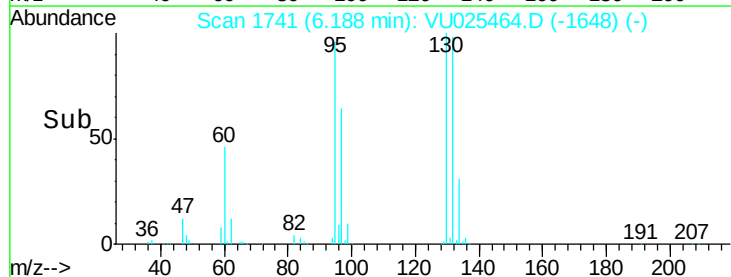
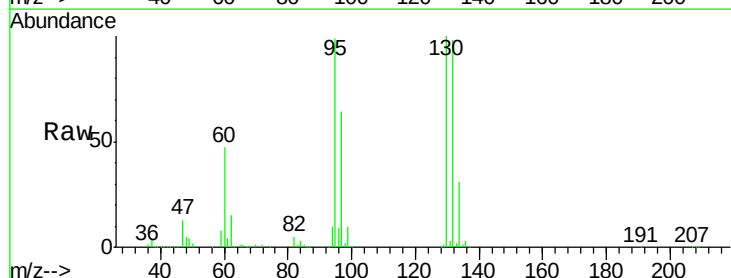
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.9	85.3
132	99.0	68.2	126.6
130	101.0	71.8	133.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

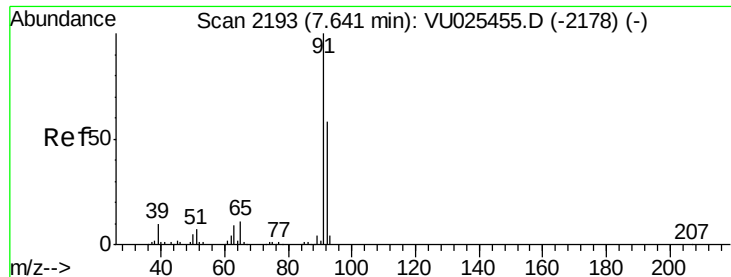


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 49.416 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025464.D

Acq: 17 Jul 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

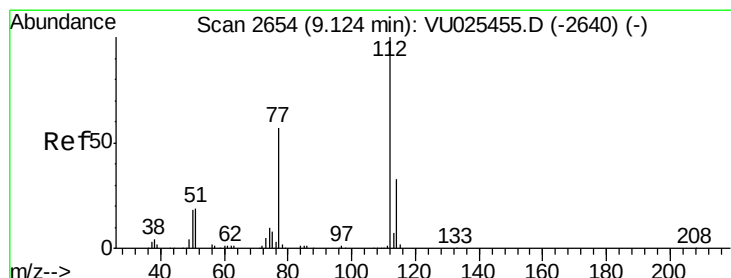
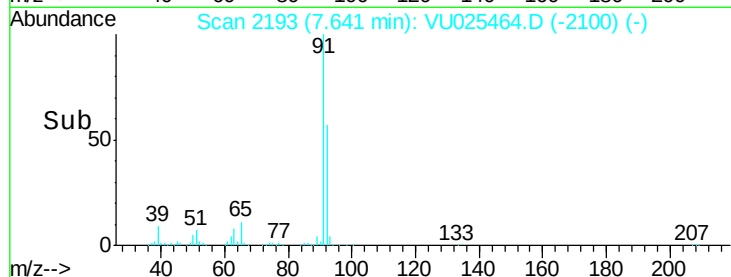
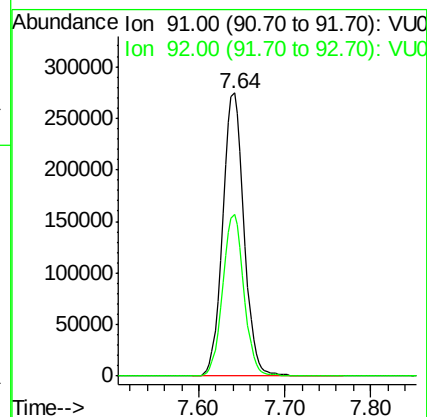
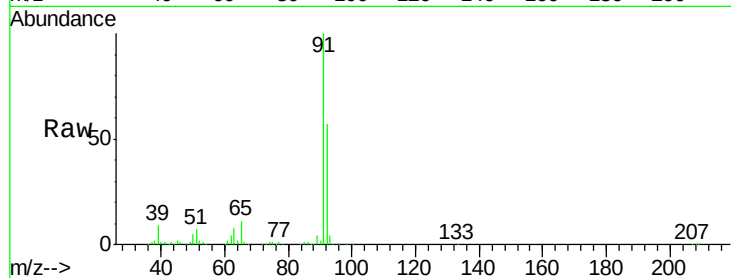
DB1C6

Tgt Ion: 91 Resp: 472847

Ion Ratio Lower Upper

91 100

92 57.1 40.5 75.1



#51

Chlorobenzene

Concen: 47.295 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025464.D

Acq: 17 Jul 2018 18:37

Tgt Ion: 112 Resp: 303659

Ion Ratio Lower Upper

112 100

114 32.9 22.8 42.4

77 58.0 45.8 68.8

