

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037299.D
 Acq On : 16 Mar 2020 17:51
 Operator : JC/MD
 Sample : L1900-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 17 01:36:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	124435	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123828	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28802	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	29372	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.59	63	47082	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.67	46	98607	50.34	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.68%
24) Chloroform-d	5.11	84	74321	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	44675	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.76	84	130813	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.73	67	43146	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.92	98	117839	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	17680	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.66	63	81170	47.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36475	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	44878	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

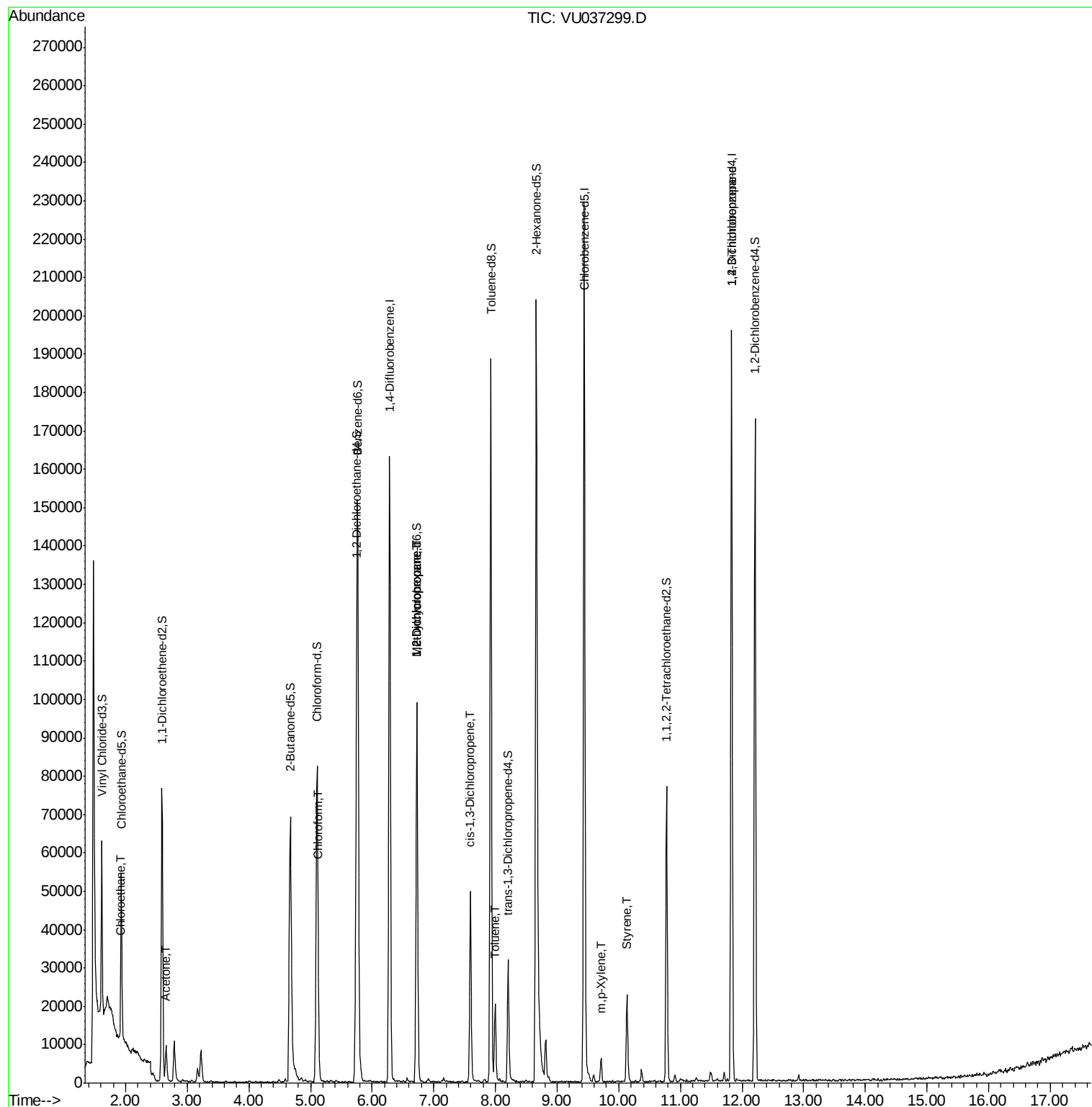
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.91	64	811	0.111	ug/L #	54
13) Acetone	2.66	43	10957	6.614	ug/L	98
25) Chloroform	5.13	83	3884	0.206	ug/L	98
35) Methylcyclohexane	6.72	83	10719	0.698	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5642	0.574	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1338	0.090	ug/L #	63
42) Toluene	8.00	91	13977	0.349	ug/L	97
53) m,p-Xylene	9.71	106	1808	0.108	ug/L	87
55) Styrene	10.13	104	11218	0.417	ug/L	91
59) 1,2,3-Trichloropropane	11.83	75	6738	0.965	ug/L	94

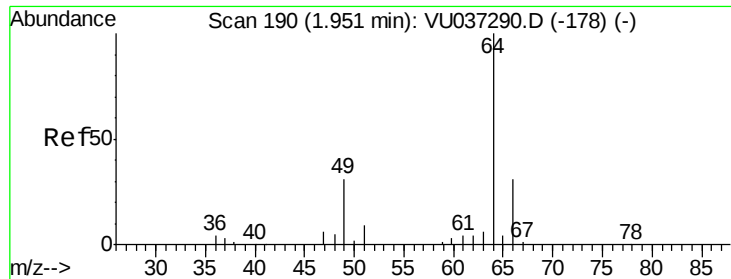
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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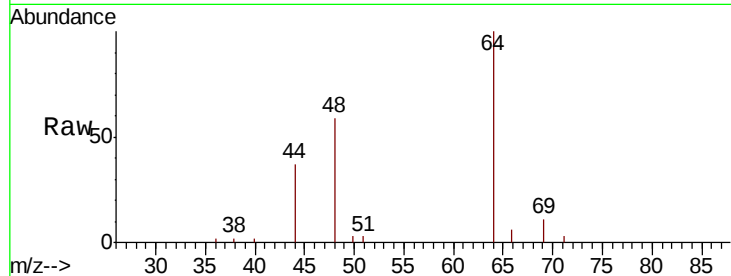




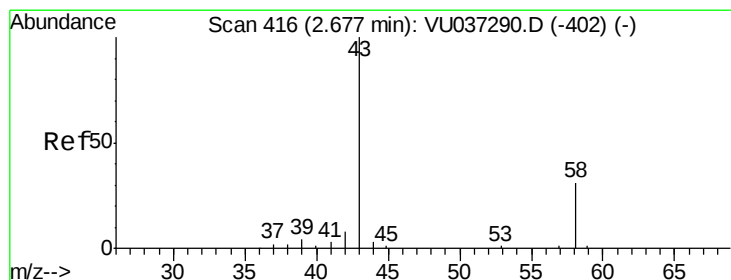
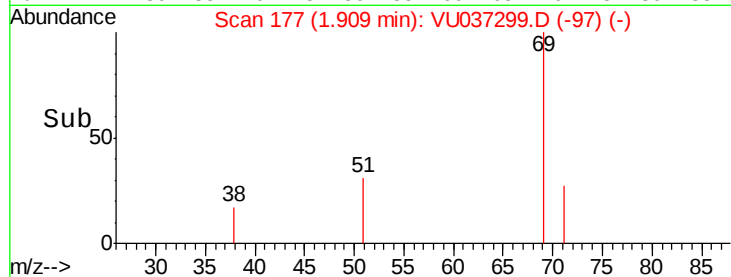
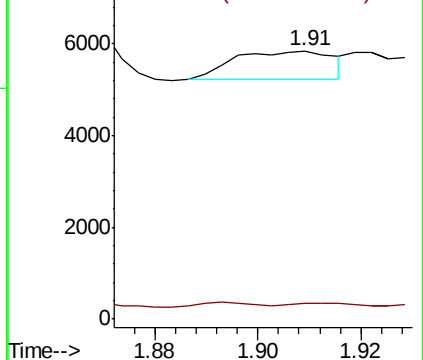
#8
Chloroethane
Concen: 0.111 ug/L
RT: 1.91 min Scan# 177
Delta R.T. -0.04 min
Lab File: VU037299.D
Acq: 16 Mar 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 64 Resp: 811
Ion Ratio Lower Upper
64 100
66 5.7 21.7 40.3#

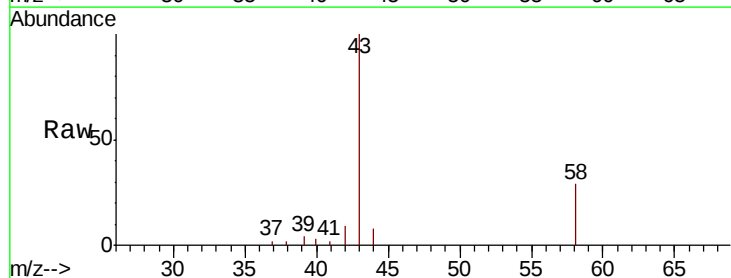


Abundance Ion 64.10 (63.80 to 64.80): VU037299.D (-178) (-)
Ion 66.05 (65.75 to 66.75): VU037299.D (-178) (-)

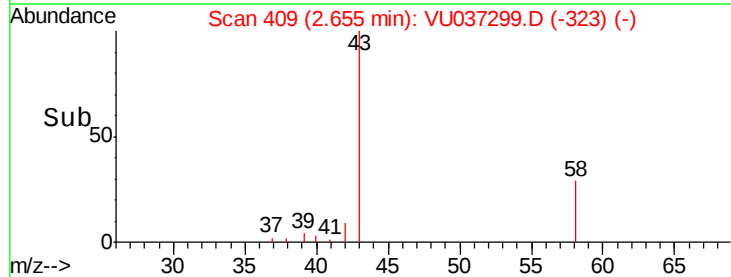
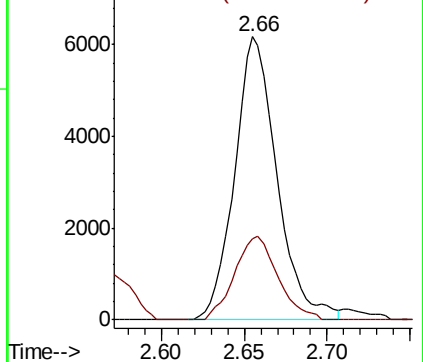


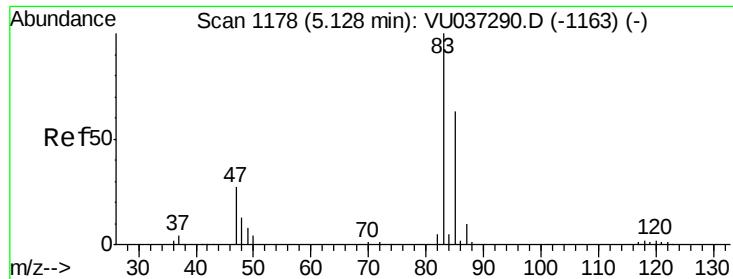
#13
Acetone
Concen: 6.614 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.02 min
Lab File: VU037299.D
Acq: 16 Mar 2020 17:51

Tgt Ion: 43 Resp: 10957
Ion Ratio Lower Upper
43 100
58 30.1 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VU037299.D (-402) (-)
Ion 58.05 (57.75 to 58.75): VU037299.D (-402) (-)

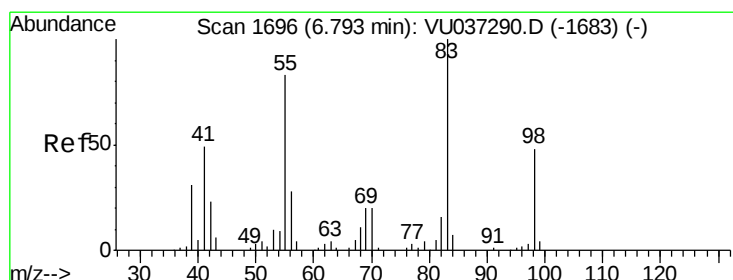
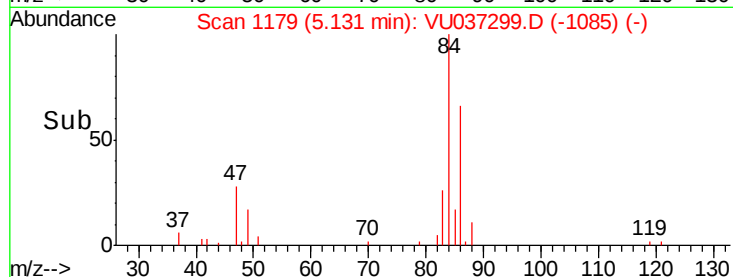
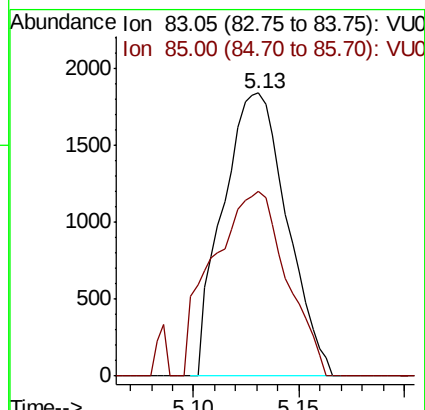
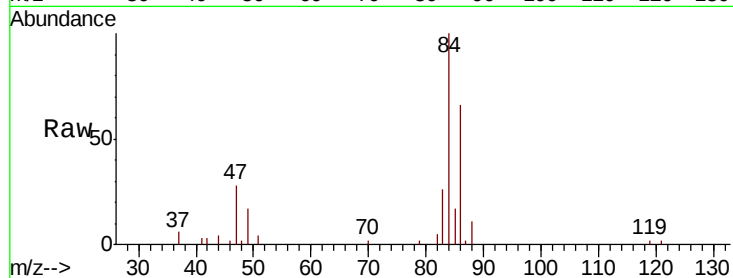




#25
Chloroform
Concen: 0.206 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037299.D
Acq: 16 Mar 2020 17:51

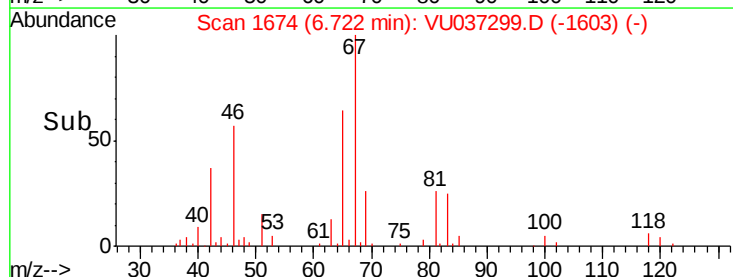
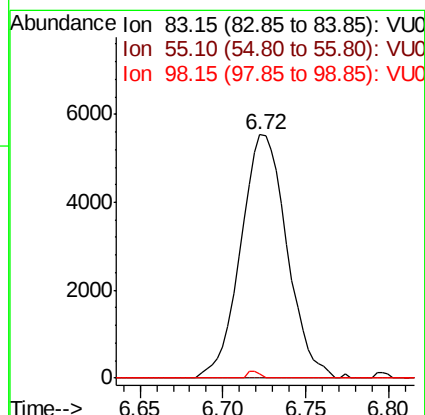
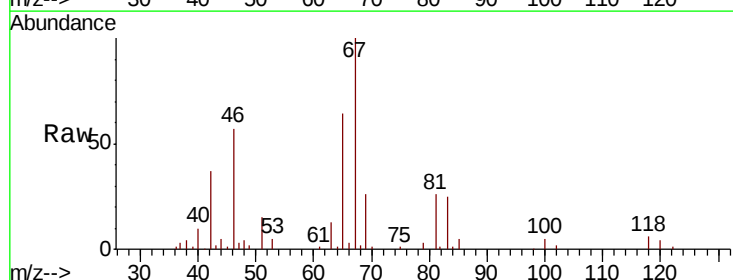
Instrument :
MSVOA_U
ClientSampleId :

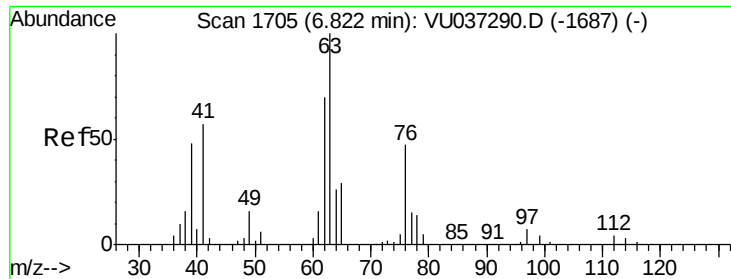
Tot Ion: 83 Resp: 3884
Ion Ratio Lower Upper
83 100
85 65.2 44.7 82.9



#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037299.D
Acq: 16 Mar 2020 17:51

Tgt Ion: 83 Resp: 10719
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.7 37.4 56.0#

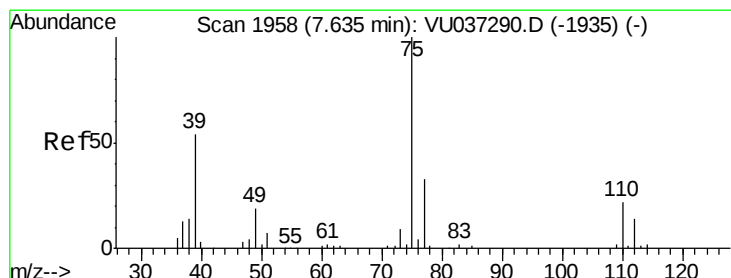
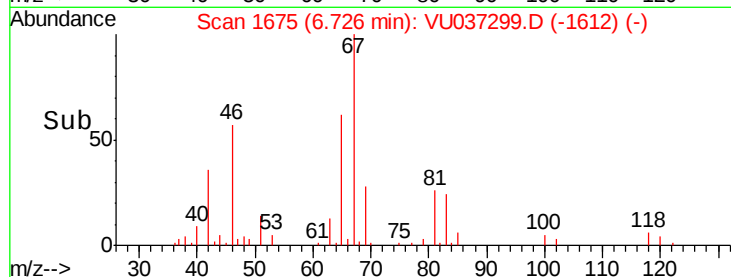
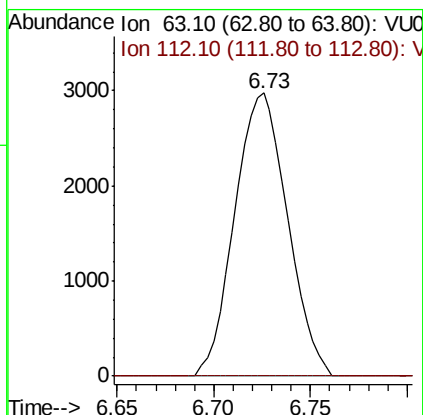
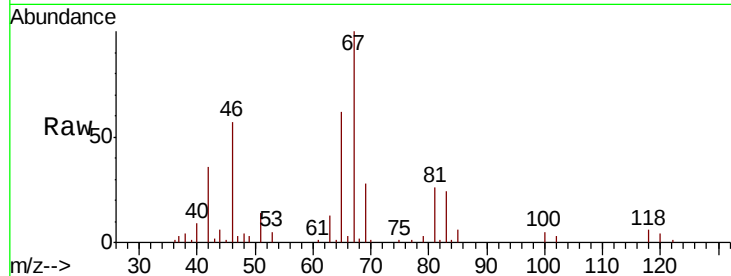




#37
 1,2-Dichloropropane
 Concen: 0.574 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037299.D
 Acq: 16 Mar 2020 17:51

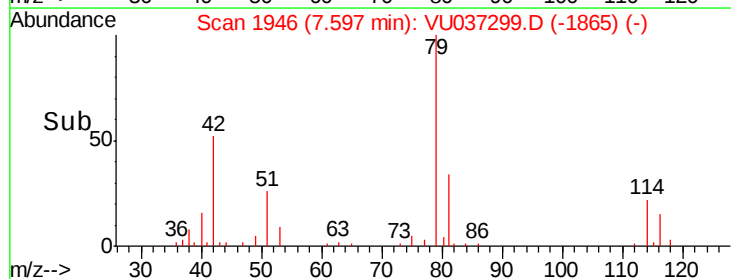
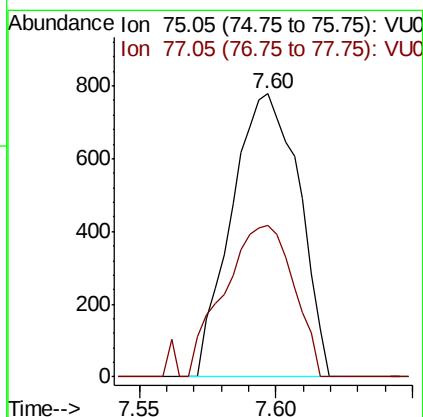
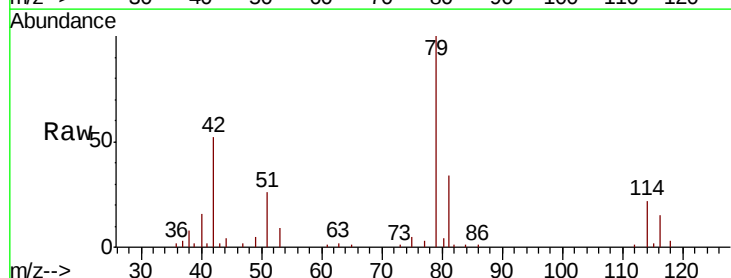
Instrument :
 MSVOA_U
 ClientSampleId :

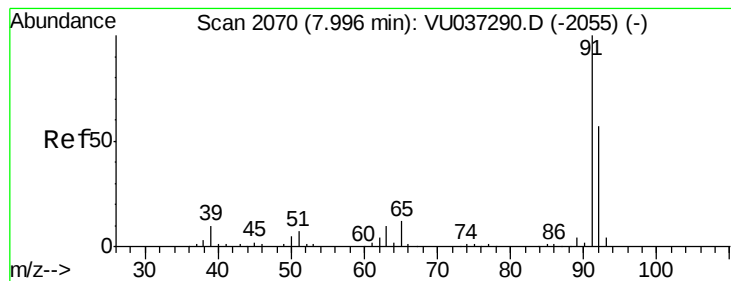
Tot Ion: 63 Resp: 5642
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037299.D
 Acq: 16 Mar 2020 17:51

Tgt Ion: 75 Resp: 1338
 Ion Ratio Lower Upper
 75 100
 77 53.7 23.0 42.8#





#42

Toluene

Concen: 0.349 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037299.D

Acq: 16 Mar 2020 17:51

Instrument :

MSVOA_U

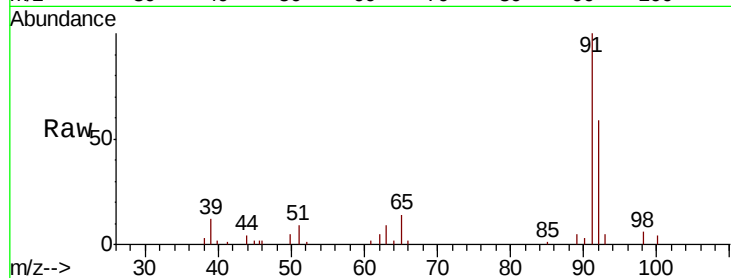
ClientSampleId :

Tot Ion: 91 Resp: 13977

Ion Ratio Lower Upper

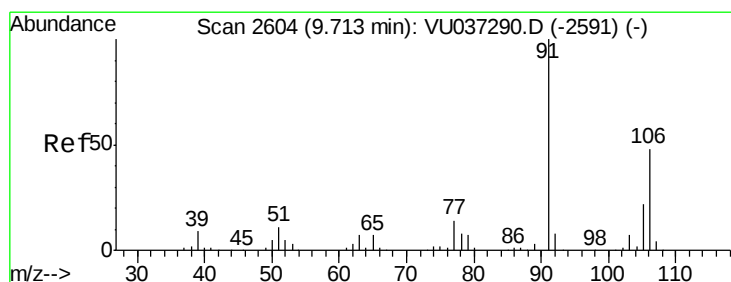
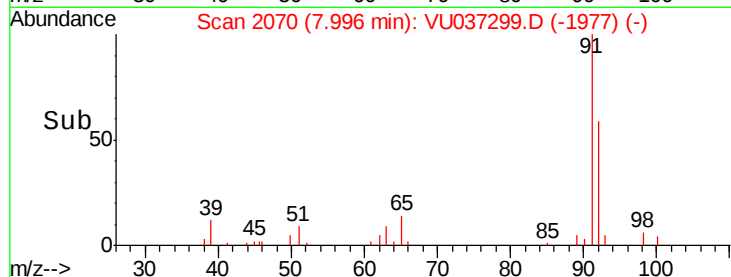
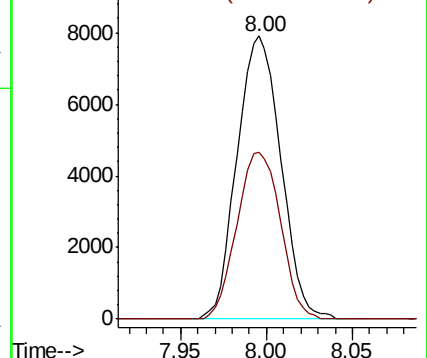
91 100

92 59.2 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU037299.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU037299.D (-1977) (-)



#53

m,p-Xylene

Concen: 0.108 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU037299.D

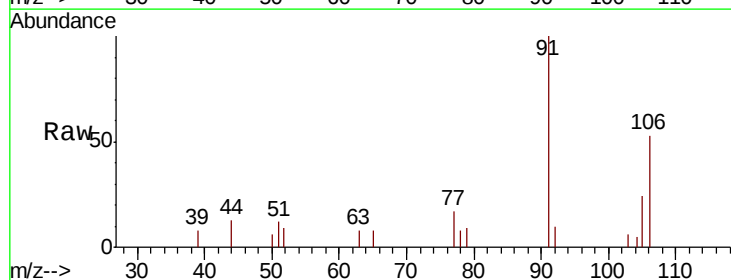
Acq: 16 Mar 2020 17:51

Tgt Ion: 106 Resp: 1808

Ion Ratio Lower Upper

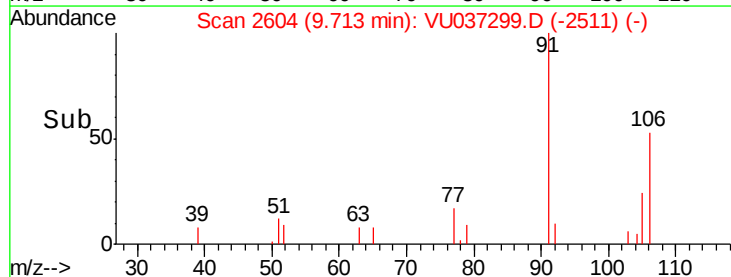
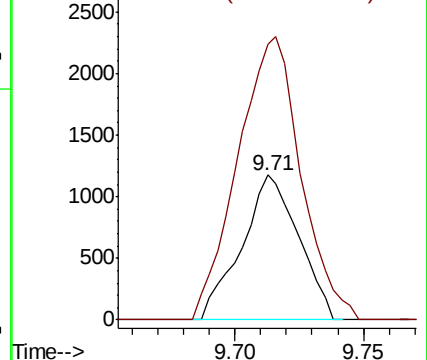
106 100

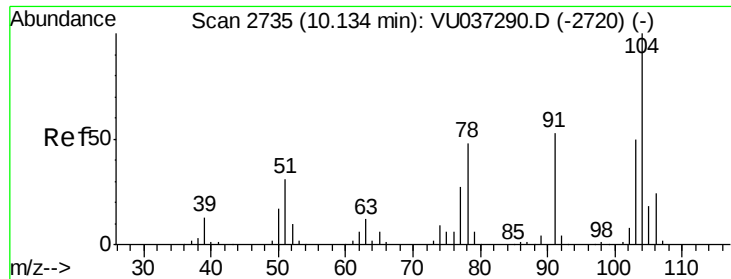
91 190.2 147.2 273.4



Abundance Ion 106.15 (105.85 to 106.85): VU037299.D (-2511) (-)

Ion 91.15 (90.85 to 91.85): VU037299.D (-2511) (-)





#55

Stvrene

Concen: 0.417 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VU037299.D

Acq: 16 Mar 2020 17:51

Instrument :

MSVOA_U

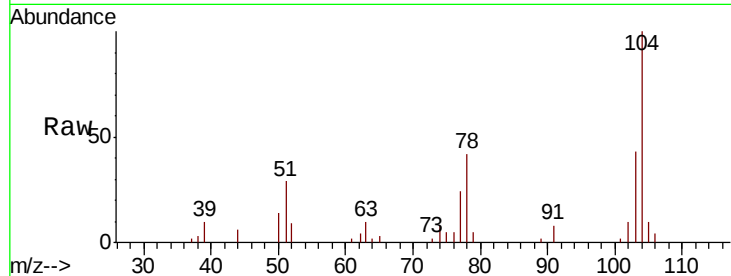
ClientSampled :

Tot Ion:104 Resp: 11218

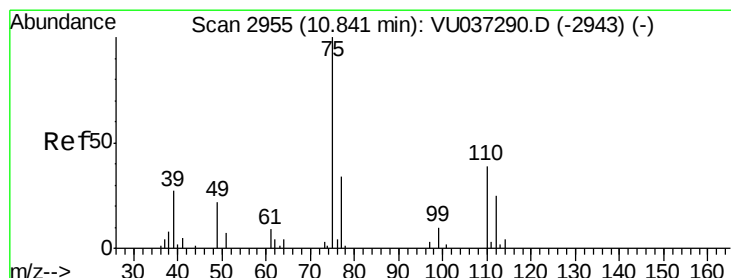
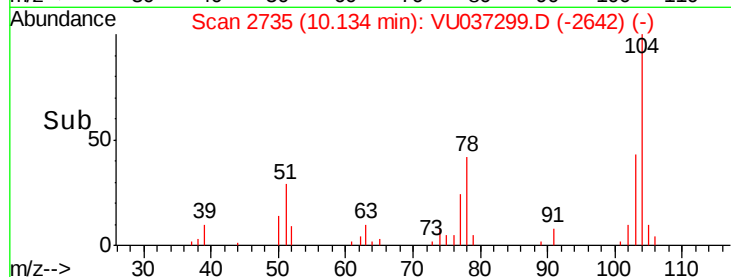
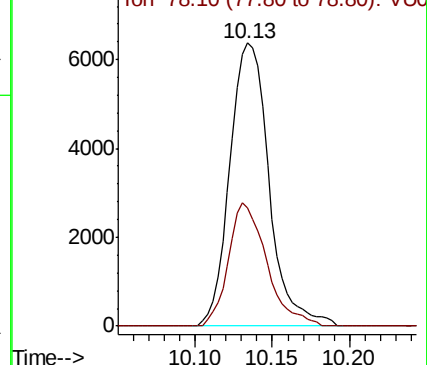
Ion Ratio Lower Upper

104 100

78 41.7 33.6 62.4



Abundance Ion 104.10 (103.80 to 104.80): VU037299.D (-2642) (-)



#59

1,2,3-Trichloropropane

Concen: 0.965 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU037299.D

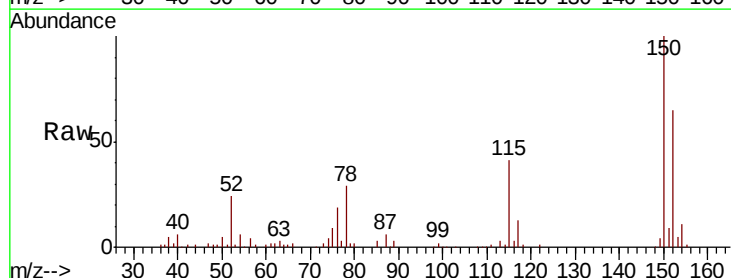
Acq: 16 Mar 2020 17:51

Tgt Ion: 75 Resp: 6738

Ion Ratio Lower Upper

75 100

77 36.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU037299.D (-2333) (-)

