

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037295.D
 Acq On : 16 Mar 2020 16:12
 Operator : JC/MD
 Sample : L1891-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 17 01:35:35 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	6.29	114	150716	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	150072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39305	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.93	69	37834	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.59	63	59257	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	129084	54.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	5.11	84	93564	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.74	65	54508	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.76	84	166558	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.73	67	54799	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.93	98	154167	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.20	79	23483	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.66	63	108222	52.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.52%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44578	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	56017	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

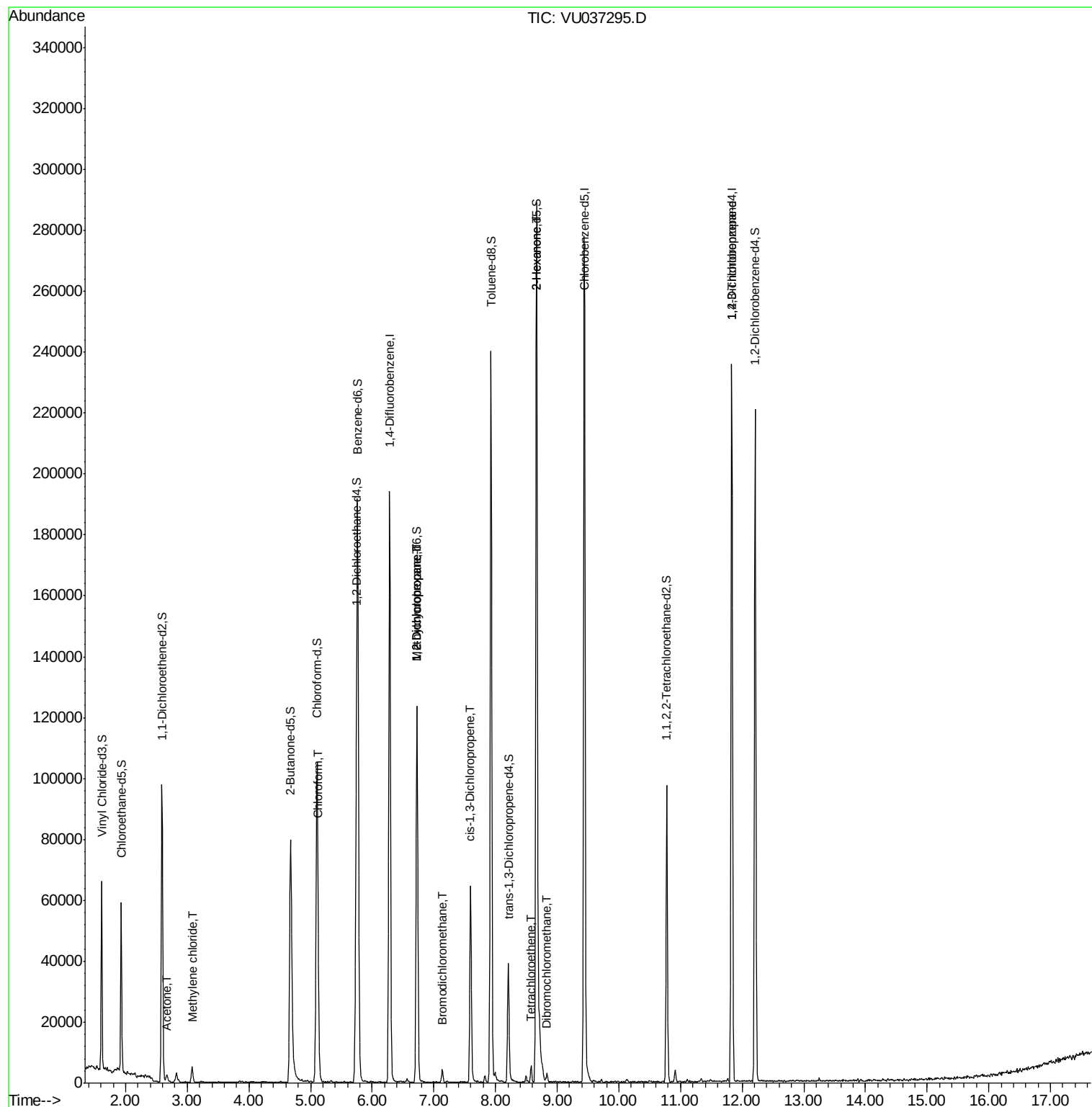
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	3506	1.747	ug/L	91
16) Methylene chloride	3.08	84	2702	0.232	ug/L	76
25) Chloroform	5.13	83	9426	0.413	ug/L	94
35) Methylcyclohexane	6.73	83	13394	0.719	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	6630	0.556	ug/L #	88
38) Bromodichloromethane	7.14	83	2783	0.166	ug/L	87
39) cis-1,3-Dichloropropene	7.59	75	2126	0.119	ug/L #	60
47) Tetrachloroethene	8.57	164	1197	0.125	ug/L #	72
48) 2-Hexanone	8.67	43	13652	2.313	ug/L #	68
49) Dibromochloromethane	8.84	129	1473	0.131	ug/L	91
59) 1,2,3-Trichloropropane	11.83	75	8229	0.972	ug/L	89

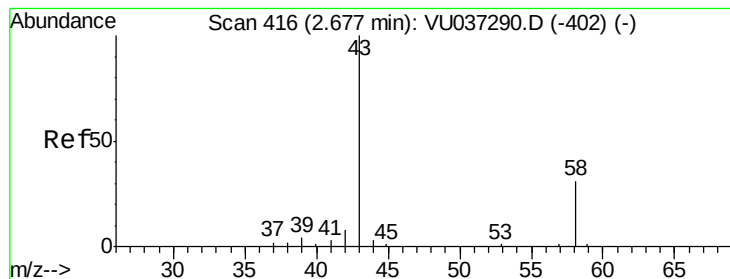
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
Data File : VU037295.D
Acq On : 16 Mar 2020 16:12
Operator : JC/MD
Sample : L1891-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 17 01:35:35 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





#13

Acetone

Concen: 1.747 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU037295.D

Acq: 16 Mar 2020 16:12

Instrument :

MSVOA_U

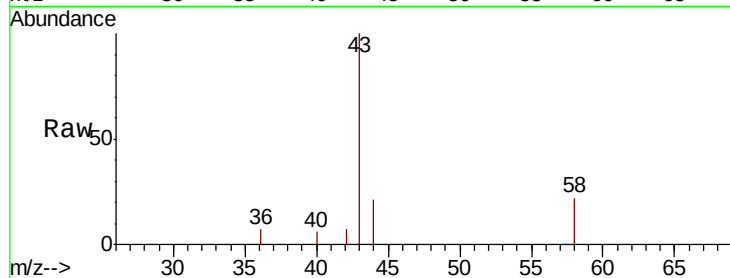
ClientSampleId :

Tot Ion: 43 Resp: 3506

Ion Ratio Lower Upper

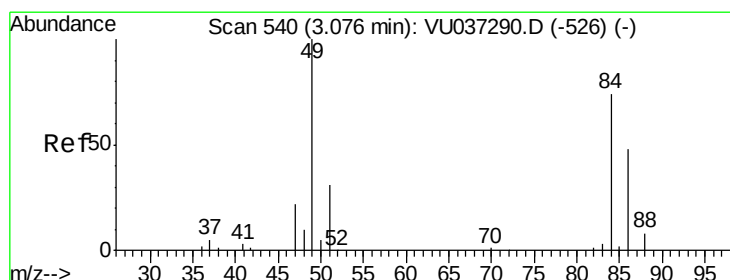
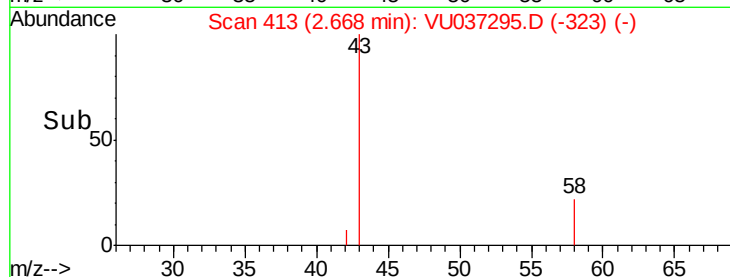
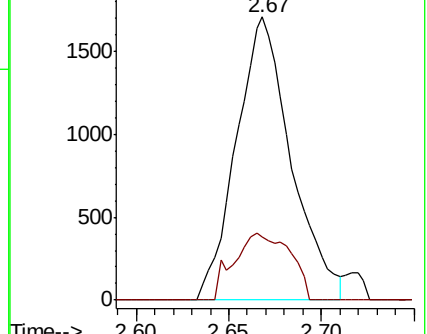
43 100

58 24.2 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VU037290.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037290.D (-402) (-)



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037295.D

Acq: 16 Mar 2020 16:12

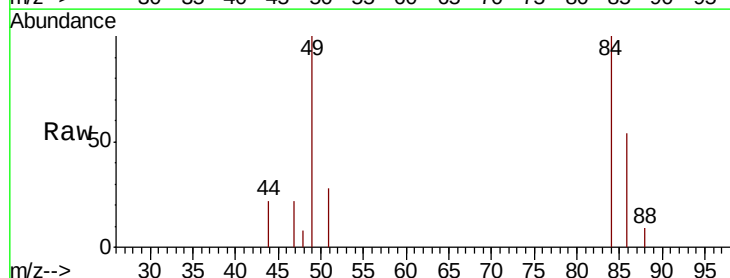
Tgt Ion: 84 Resp: 2702

Ion Ratio Lower Upper

84 100

86 54.2 45.2 84.0

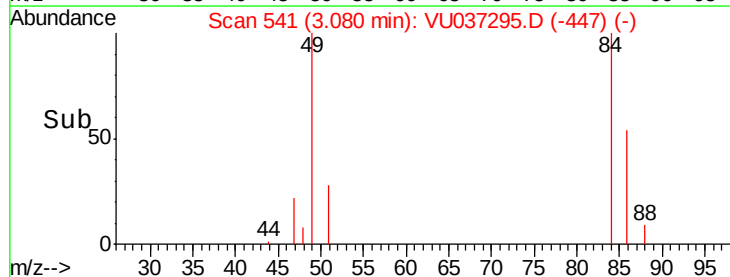
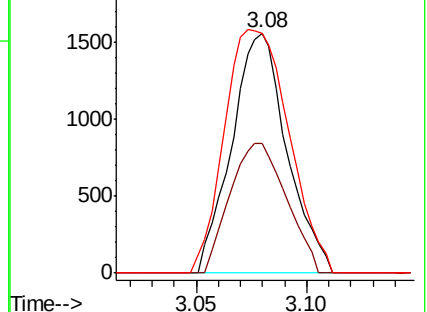
49 99.7 94.4 175.4

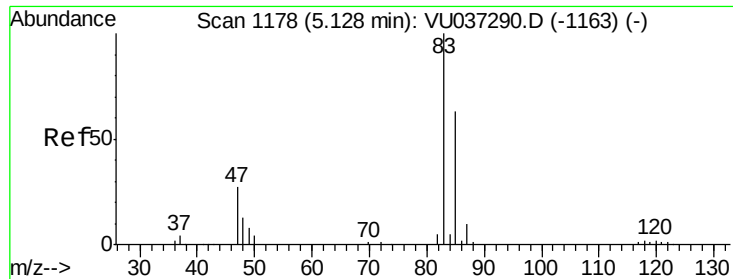


Abundance Ion 84.05 (83.75 to 84.75): VU037290.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU037290.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU037290.D (-526) (-)

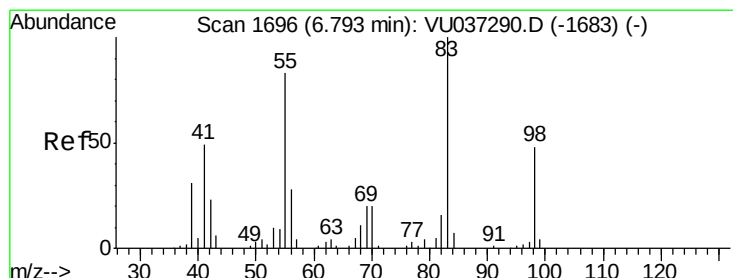
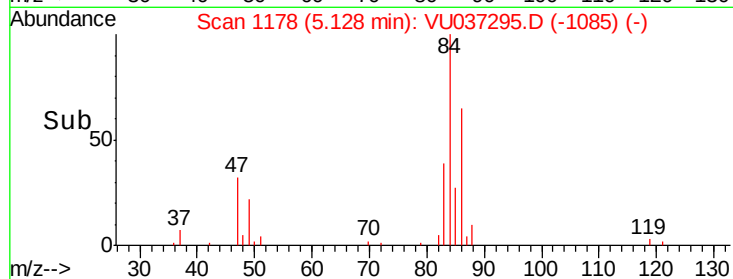
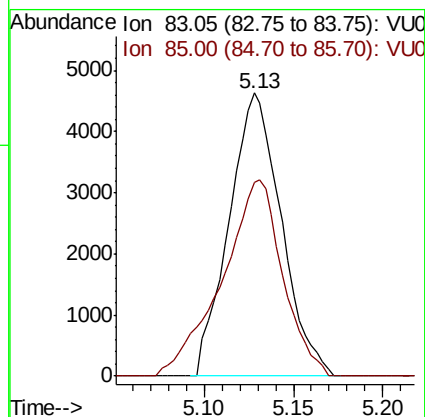
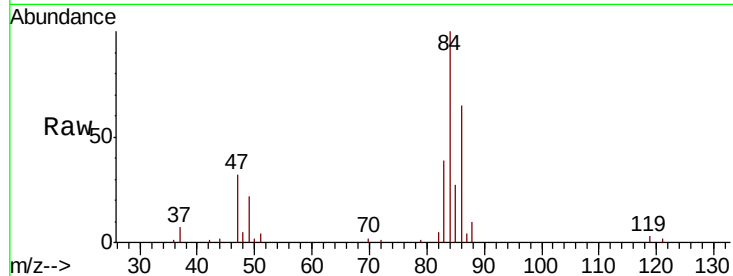




#25
Chloroform
Concen: 0.413 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037295.D
Acq: 16 Mar 2020 16:12

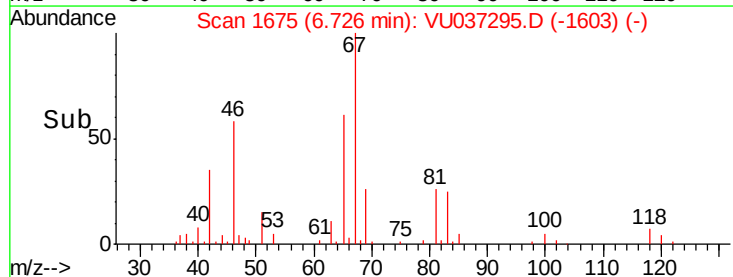
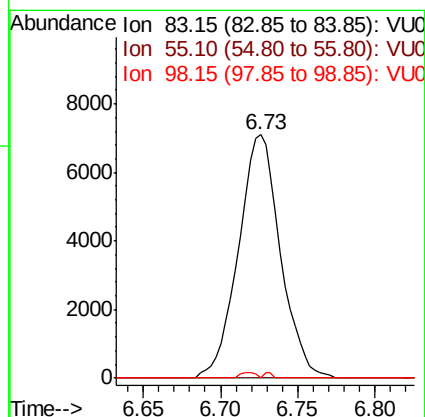
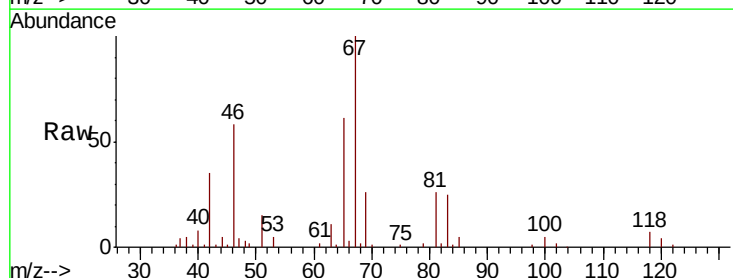
Instrument :
MSVOA_U
ClientSampled :

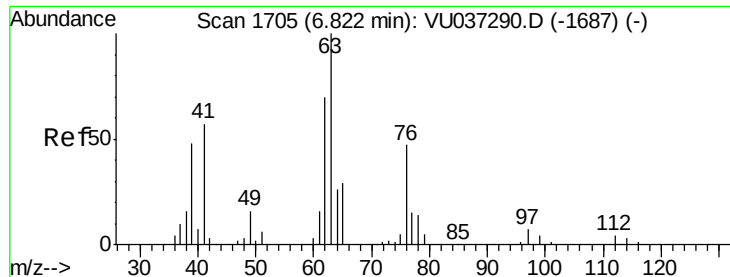
Tot Ion: 83 Resp: 9426
Ion Ratio Lower Upper
83 100
85 68.3 44.7 82.9



#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037295.D
Acq: 16 Mar 2020 16:12

Tgt Ion: 83 Resp: 13394
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.4 37.4 56.0#

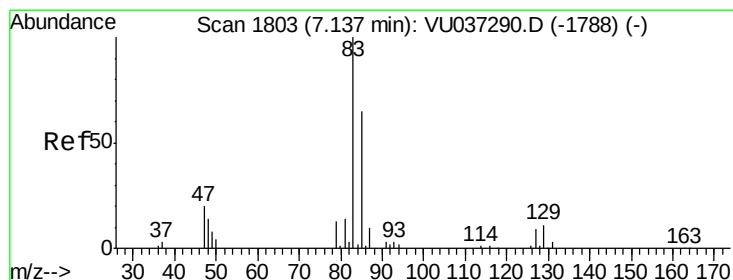
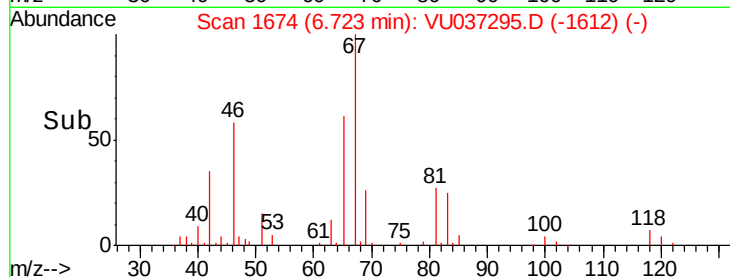
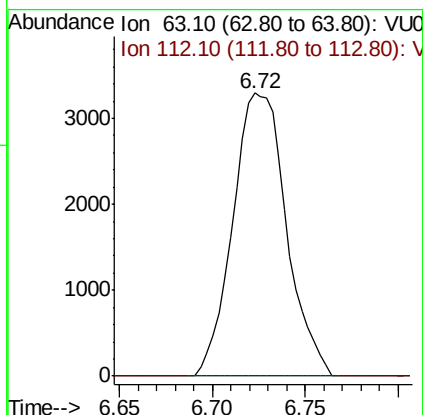
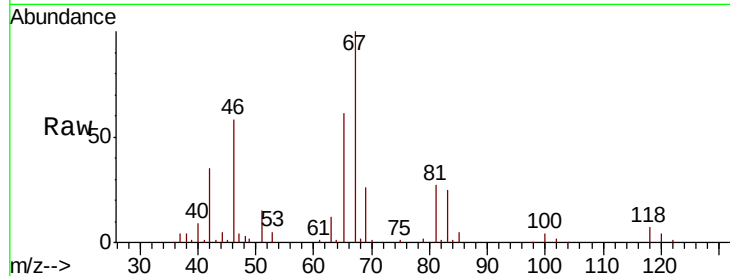




#37
 1,2-Dichloropropane
 Concen: 0.556 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037295.D
 Acq: 16 Mar 2020 16:12

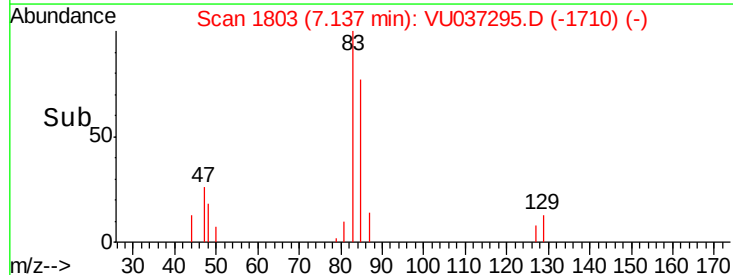
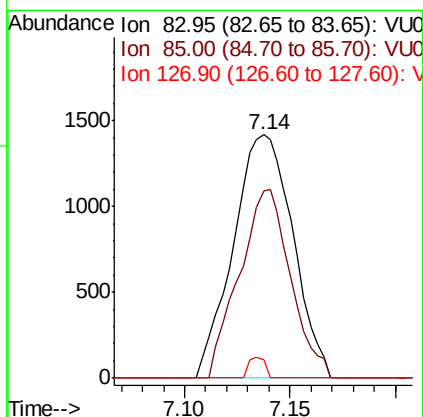
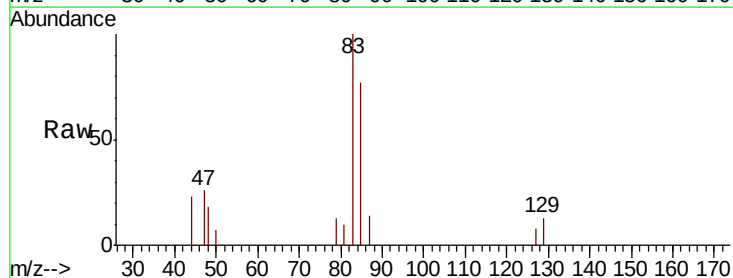
Instrument :
 MSVOA_U
 ClientSampleId :

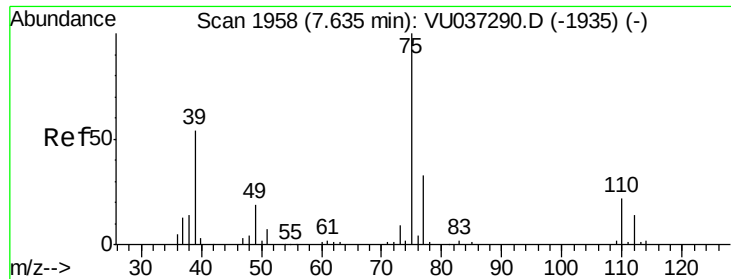
Tot Ion: 63 Resp: 6630
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#38
 Bromodichloromethane
 Concen: 0.166 ug/L
 RT: 7.14 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VU037295.D
 Acq: 16 Mar 2020 16:12

Tgt Ion: 83 Resp: 2783
 Ion Ratio Lower Upper
 83 100
 85 77.2 45.8 85.0
 127 7.8 7.0 10.6

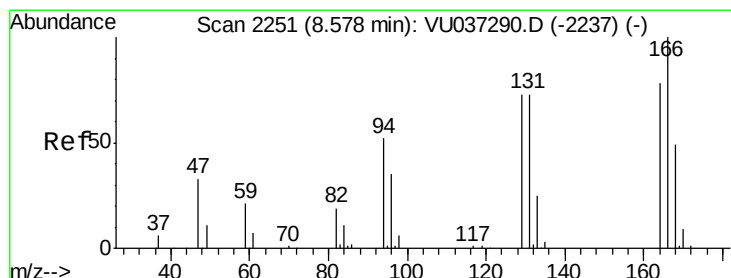
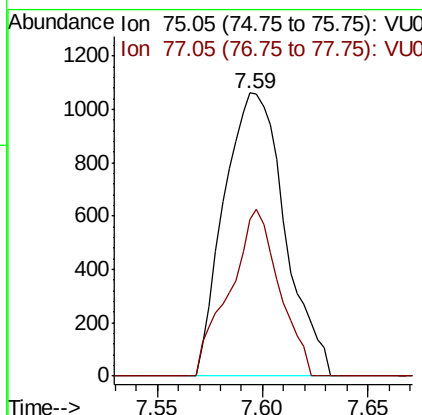
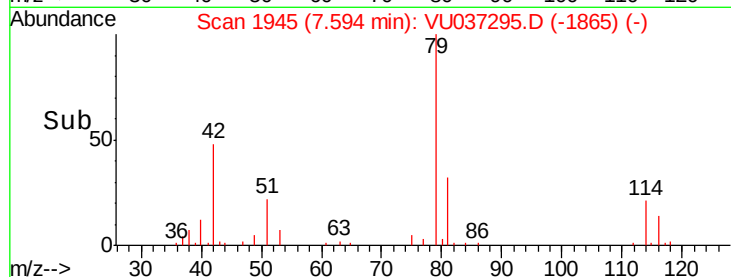
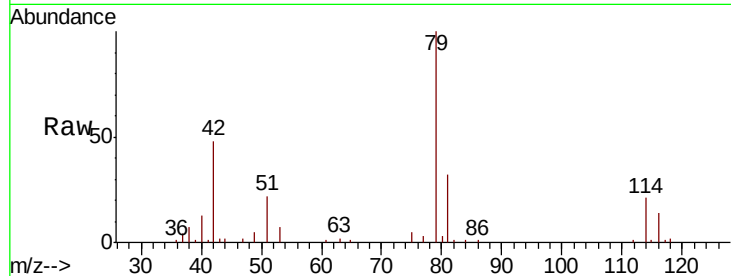




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037295.D
 Acq: 16 Mar 2020 16:12

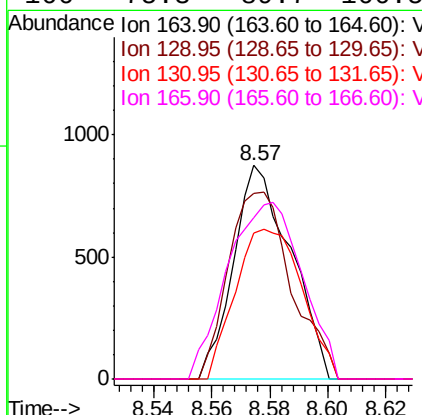
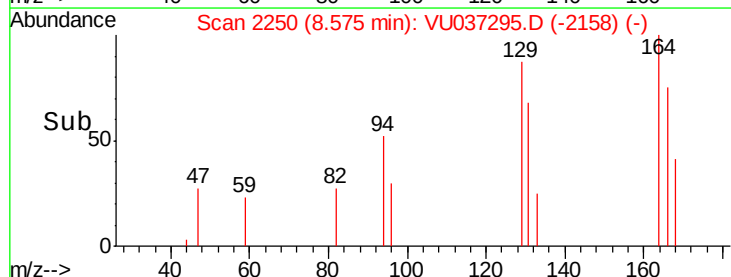
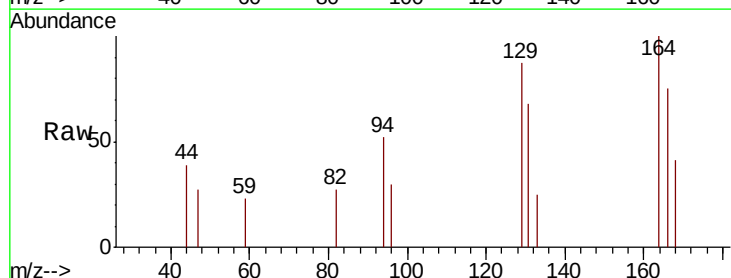
Instrument :
 MSVOA_U
 ClientSampled :

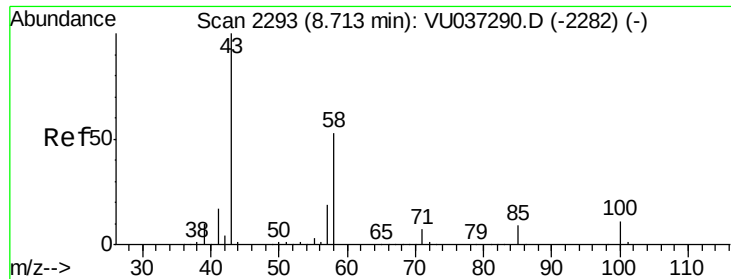
Tot Ion: 75 Resp: 2126
 Ion Ratio Lower Upper
 75 100
 77 55.2 23.0 42.8#



#47
 Tetrachloroethene
 Concen: 0.125 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037295.D
 Acq: 16 Mar 2020 16:12

Tgt Ion:164 Resp: 1197
 Ion Ratio Lower Upper
 164 100
 129 86.9 65.8 122.2
 131 68.2 65.1 120.9
 166 75.3 89.7 166.5#

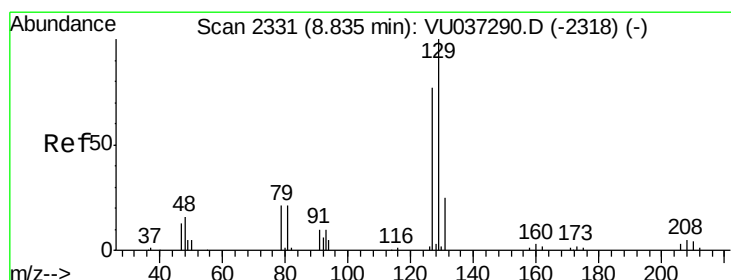
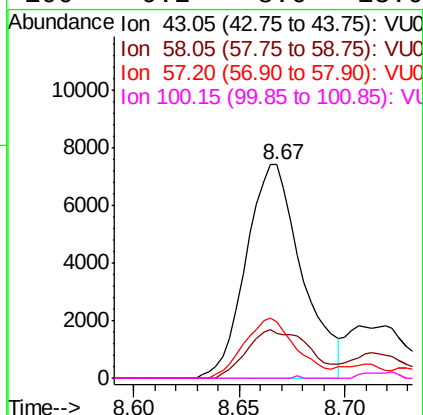
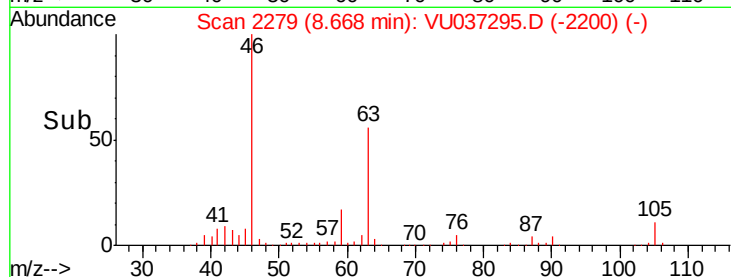
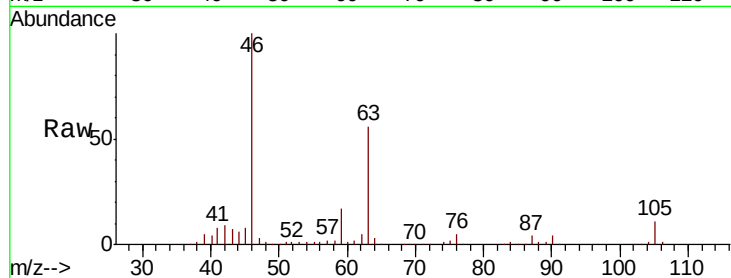




#48
2-Hexanone
Concen: 2.313 ug/L
RT: 8.67 min Scan# 2279
Delta R.T. -0.04 min
Lab File: VU037295.D
Acq: 16 Mar 2020 16:12

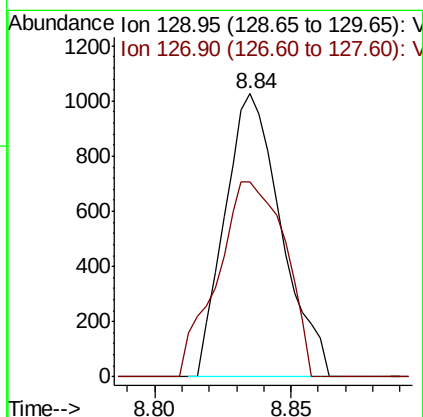
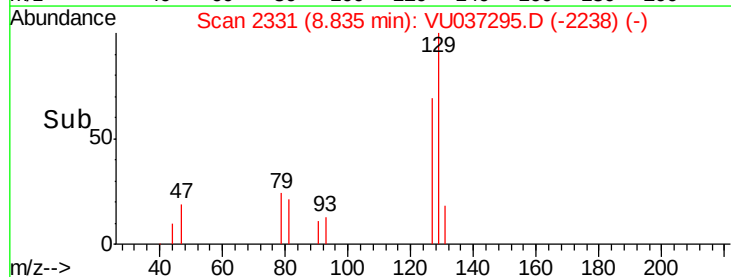
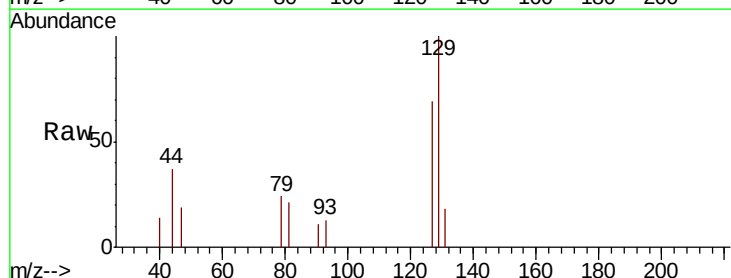
Instrument :
MSVOA_U
ClientSampleId :

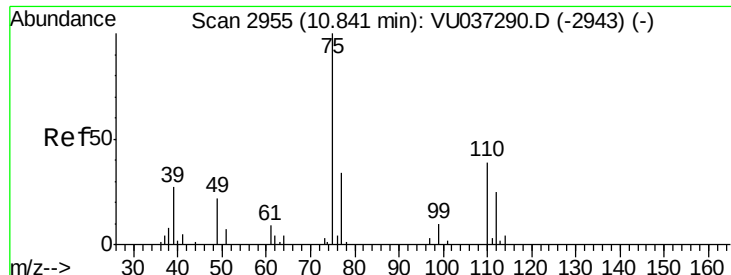
Tot Ion:	43	Resp:	13652
Ion	Ratio	Lower	Upper
43	100		
58	25.7	41.9	62.9#
57	26.2	14.7	22.1#
100	0.2	8.6	13.0#



#49
Dibromochloromethane
Concen: 0.131 ug/L
RT: 8.84 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU037295.D
Acq: 16 Mar 2020 16:12

Tgt Ion:	129	Resp:	1473
Ion	Ratio	Lower	Upper
129	100		
127	68.9	53.6	99.6





#59

1,2,3-Trichloropropane

Concen: 0.972 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037295.D

Acq: 16 Mar 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8229

Ion Ratio Lower Upper

75 100

77 39.2 26.4 39.6

