

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037540.D
 Acq On : 01 Apr 2020 23:18
 Operator : JC/MD
 Sample : L2065-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 01:40:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 02 01:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	91380	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	87421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20062	2.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.40%
7) Chloroethane-d5	1.93	69	18787	3.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.80%#
11) 1,1-Dichloroethene-d2	2.59	63	31581	2.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.40%#
20) 2-Butanone-d5	4.70	46	81873	39.42	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.84%
24) Chloroform-d	5.10	84	47821	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	5.74	65	27617	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
32) Benzene-d6	5.76	84	86603	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.20%#
36) 1,2-Dichloropropane-d6	6.72	67	30918	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.80%
41) Toluene-d8	7.92	98	74980	3.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.60%#
43) trans-1,3-Dichloropropene-	8.20	79	12104	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	8.66	63	75133	38.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	27011	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	29839	3.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.40%#

Target Compounds

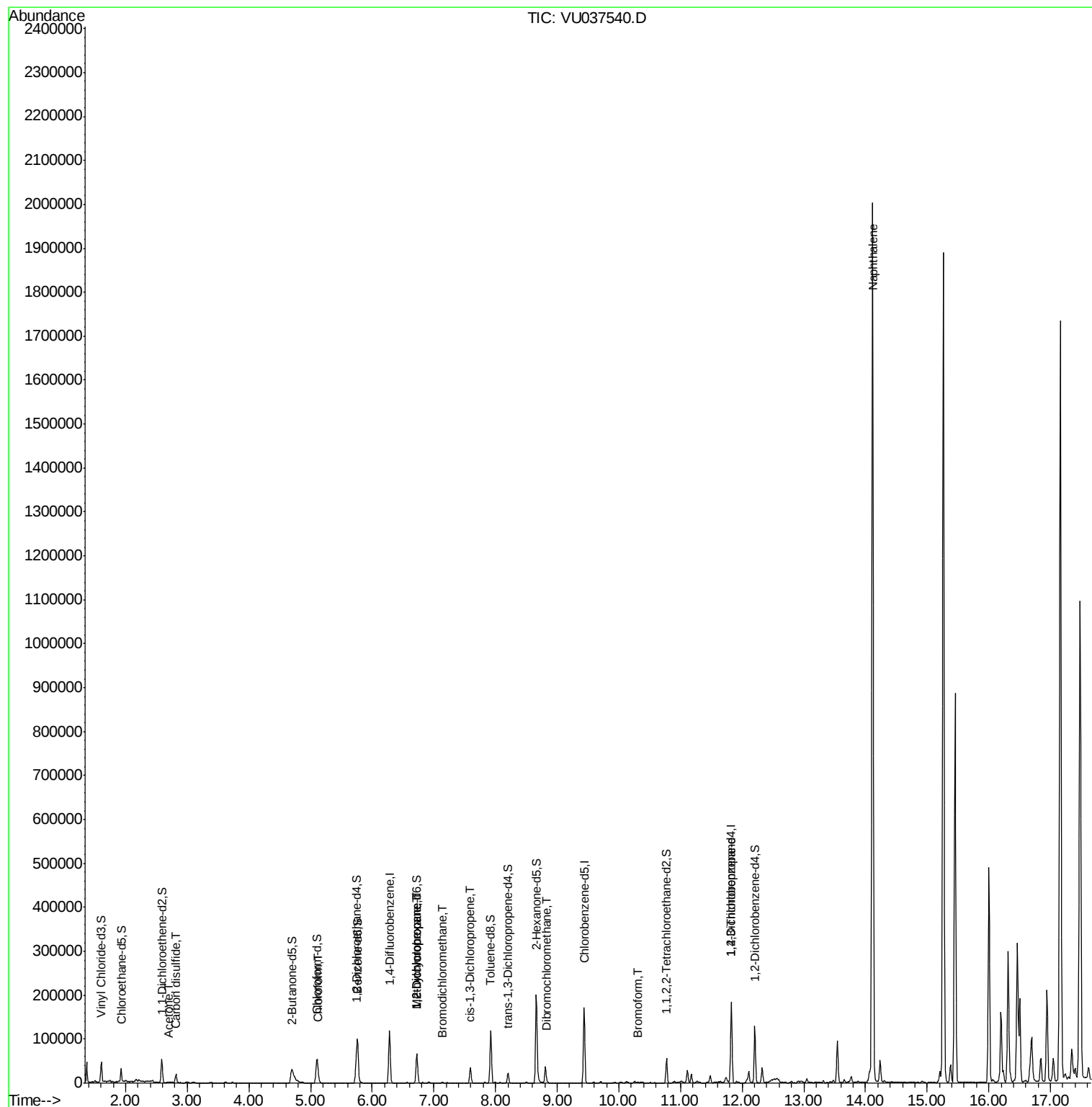
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.70	43	1717	1.466	ug/L	80
14) Carbon disulfide	2.82	76	26254	1.323	ug/L	99
25) Chloroform	5.13	83	8718	0.687	ug/L	99
35) Methylcyclohexane	6.72	83	6585	0.537	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	3464	0.463	ug/L #	90
38) Bromodichloromethane	7.13	83	1078	0.113	ug/L #	94
39) cis-1,3-Dichloropropene	7.60	75	848	0.074	ug/L #	64
49) Dibromochloromethane	8.83	129	913	0.146	ug/L	94
59) 1,2,3-Trichloropropane	11.82	75	6217	1.266	ug/L #	63
61) Bromoform	10.31	173	652	0.187	ug/L #	81
69) Naphthalene	14.11	128	1536951	73.412	ug/L	99

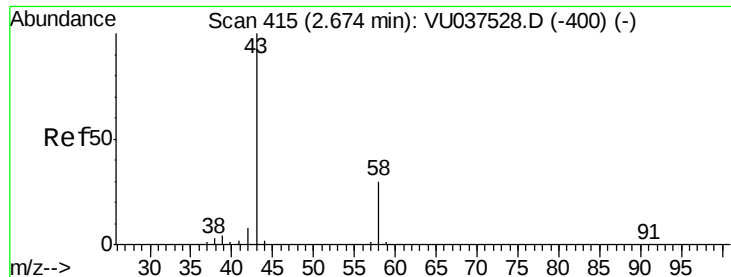
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 02 01:37:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.466 ug/L

RT: 2.70 min Scan# 423

Delta R.T. 0.03 min

Lab File: VU037540.D

Acq: 01 Apr 2020 23:18

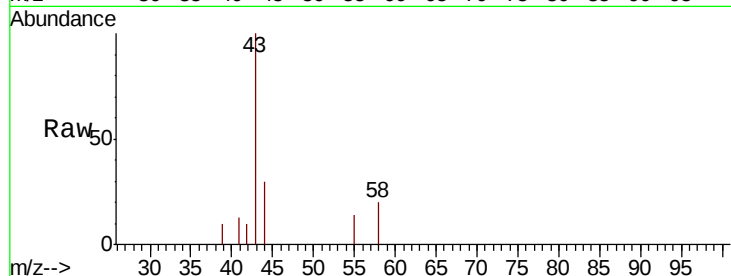
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 1717

Ion Ratio Lower Upper

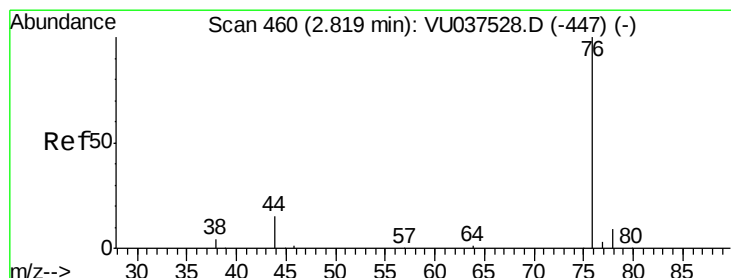
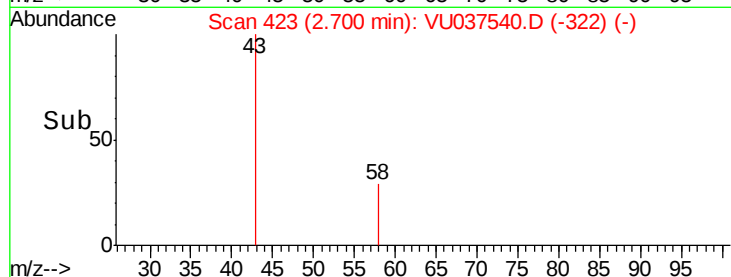
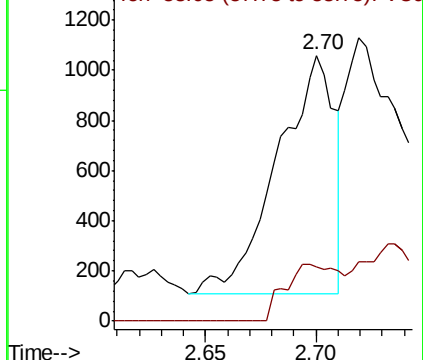
43 100

58 22.7 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037540.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU037540.D (-322) (-)



#14

Carbon disulfide

Concen: 1.323 ug/L

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU037540.D

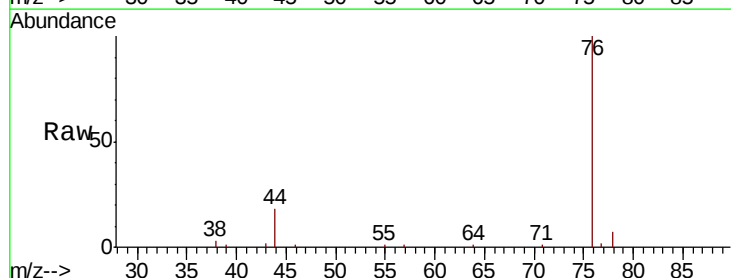
Acq: 01 Apr 2020 23:18

Tgt Ion: 76 Resp: 26254

Ion Ratio Lower Upper

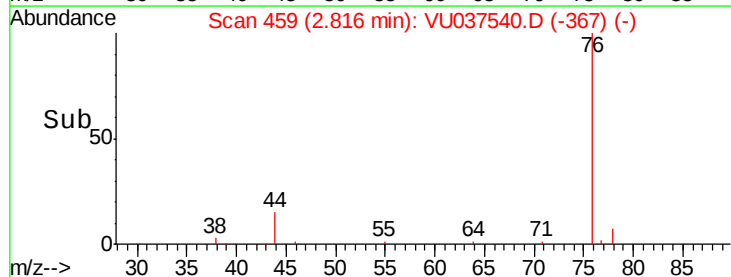
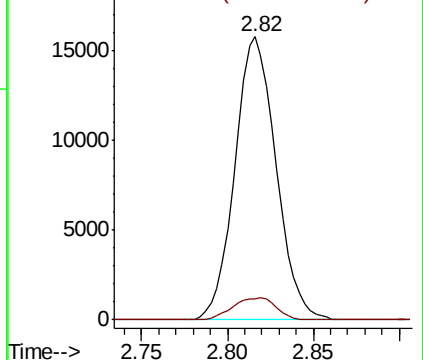
76 100

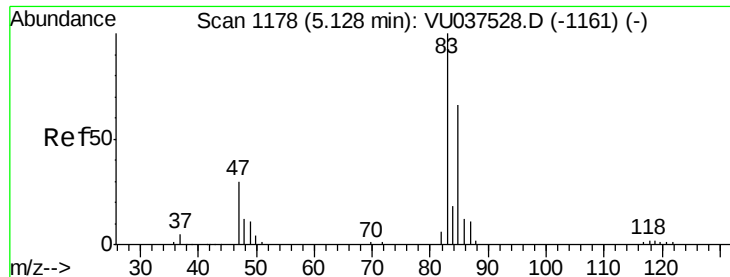
78 7.4 6.3 9.5



Abundance Ion 76.05 (75.75 to 76.75): VU037540.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU037540.D (-367) (-)

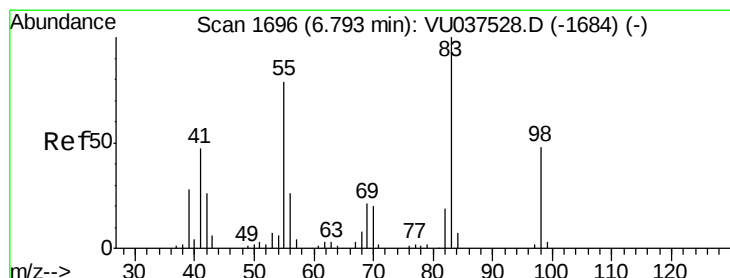
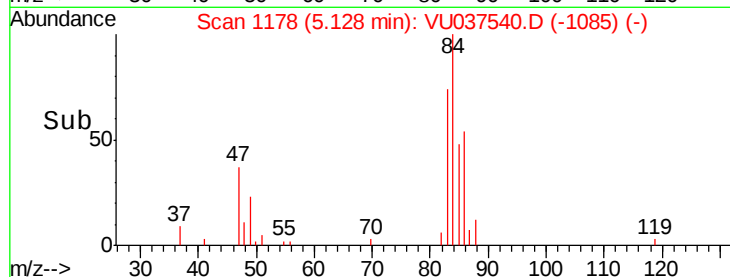
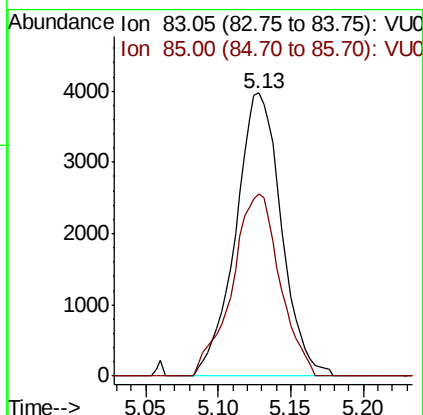
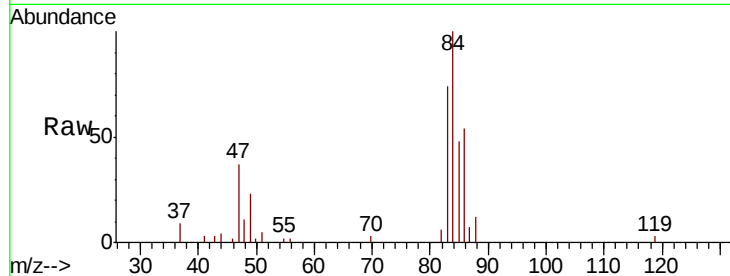




#25
Chloroform
Concen: 0.687 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037540.D
Acq: 01 Apr 2020 23:18

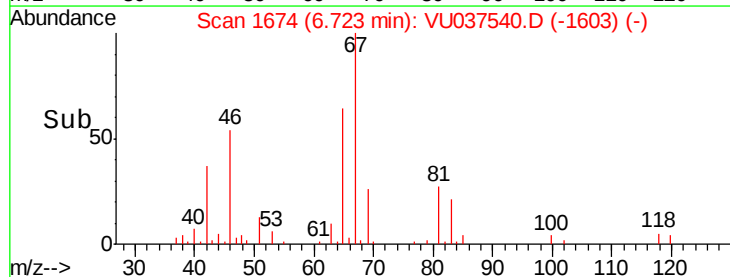
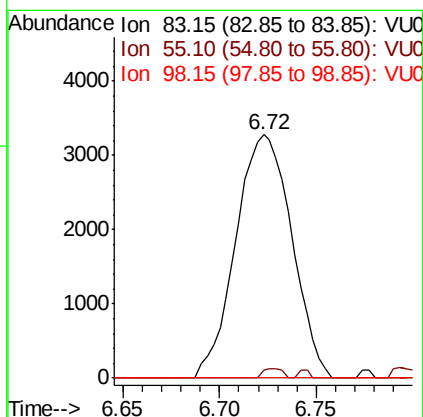
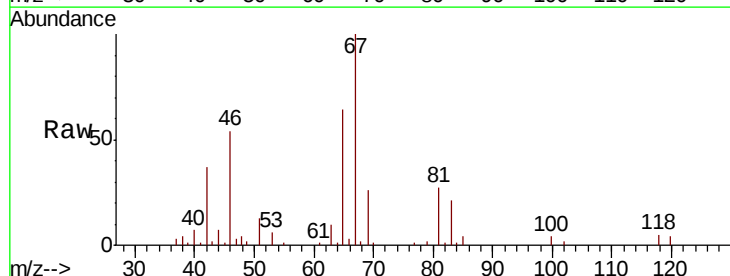
Instrument :
MSVOA_U
ClientSampleId :

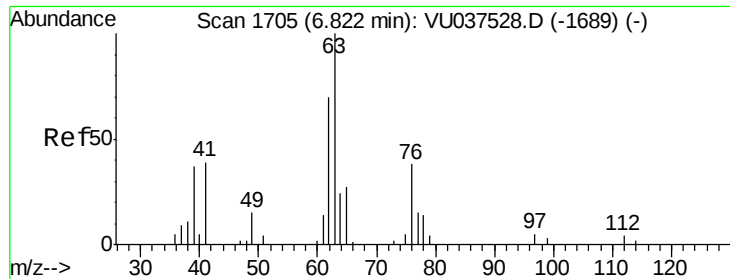
Tot Ion: 83 Resp: 8718
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.2



#35
Methylcyclohexane
Concen: 0.537 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037540.D
Acq: 01 Apr 2020 23:18

Tgt Ion: 83 Resp: 6585
Ion Ratio Lower Upper
83 100
55 1.4 63.0 94.6#
98 0.0 35.3 52.9#

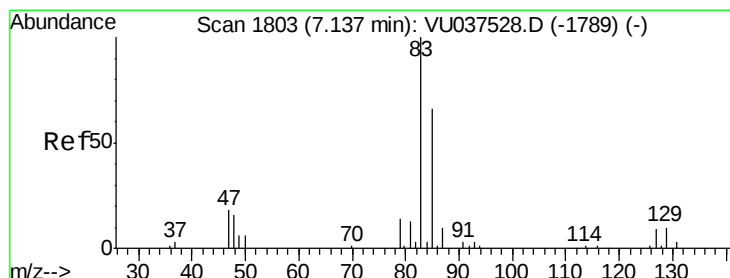
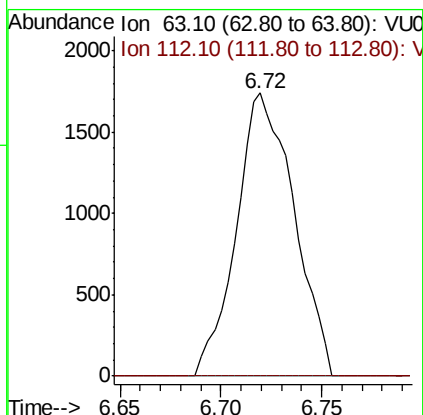
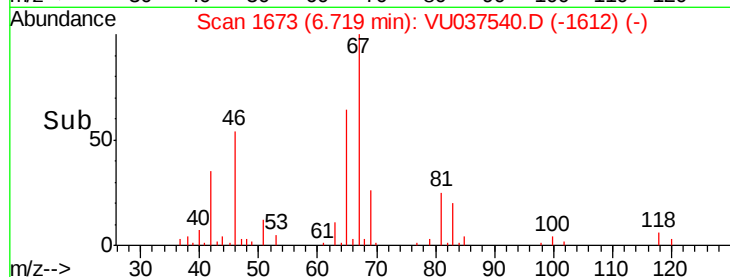
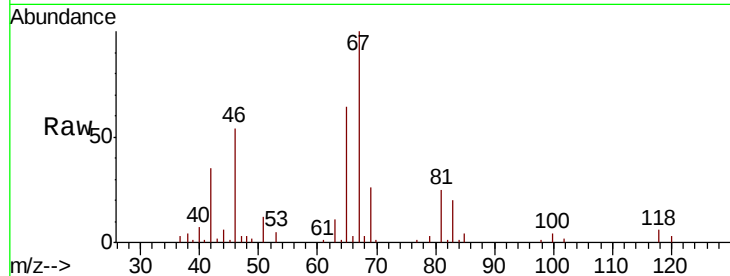




#37
 1,2-Dichloropropane
 Concen: 0.463 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU037540.D
 Acq: 01 Apr 2020 23:18

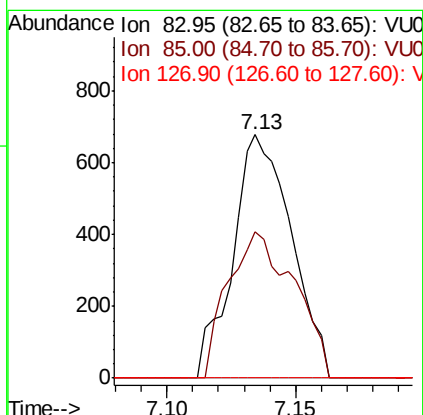
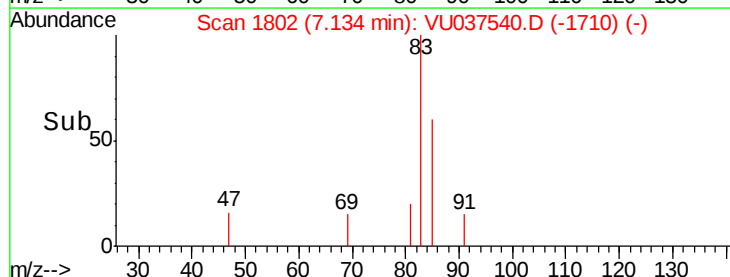
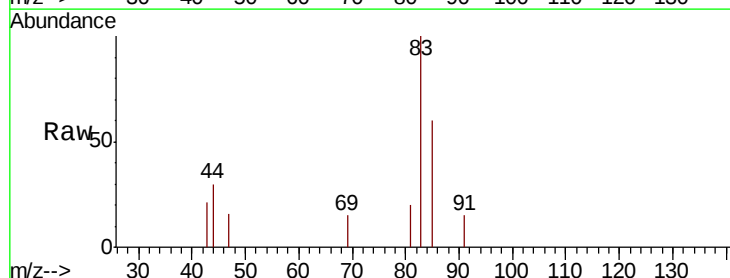
Instrument :
 MSVOA_U
 ClientSampled :

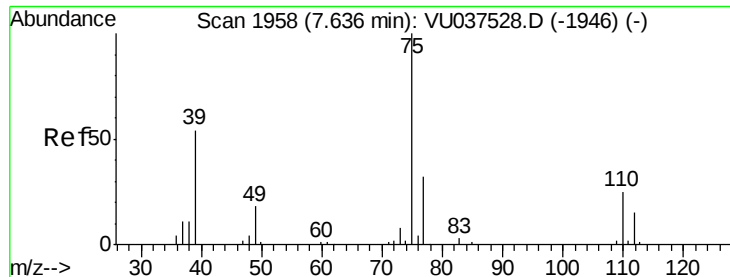
Tot Ion: 63 Resp: 3464
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#38
 Bromodichloromethane
 Concen: 0.113 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU037540.D
 Acq: 01 Apr 2020 23:18

Tgt Ion: 83 Resp: 1078
 Ion Ratio Lower Upper
 83 100
 85 60.3 44.4 82.5
 127 0.0 6.5 9.7#

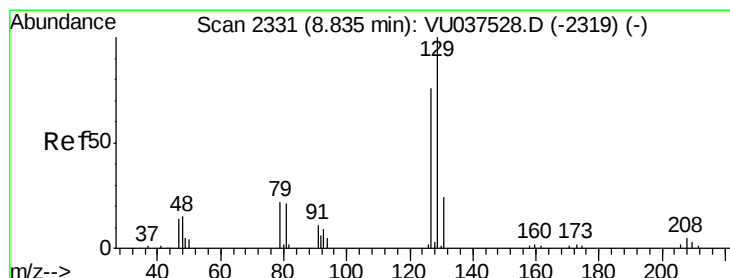
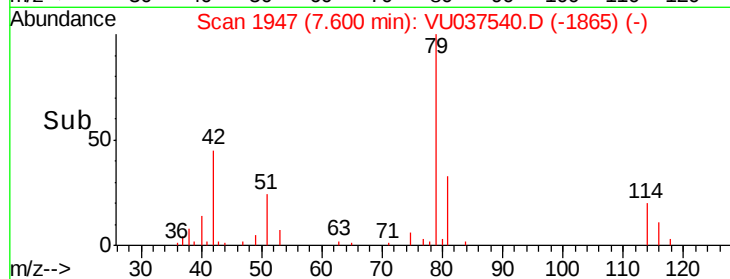
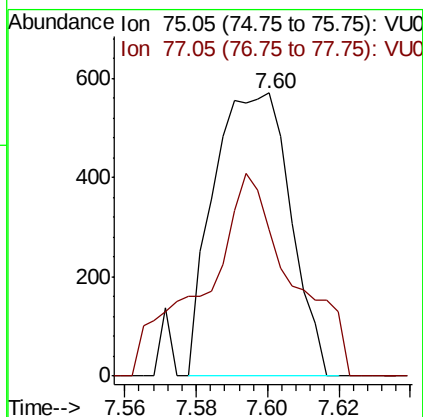
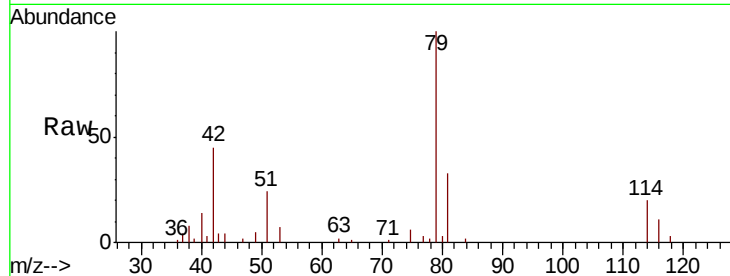




#39
 cis-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU037540.D
 Acq: 01 Apr 2020 23:18

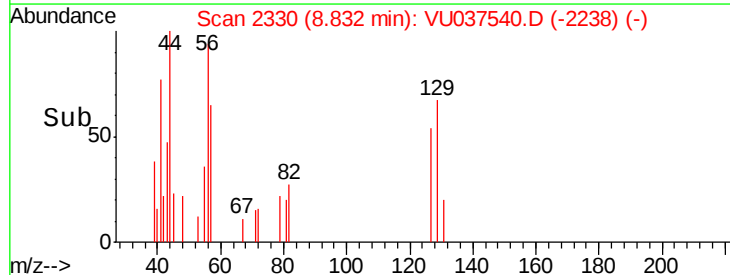
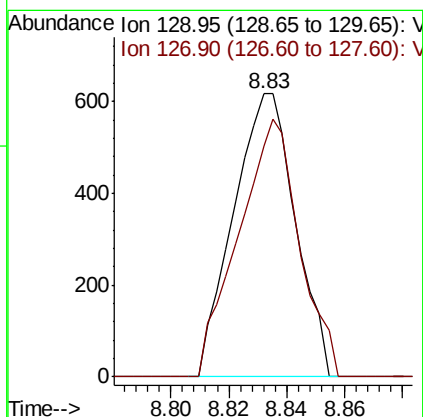
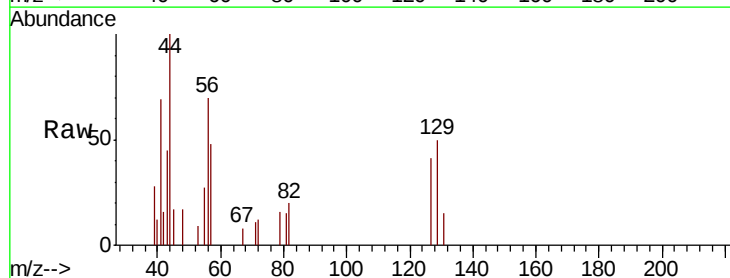
Instrument :
 MSVOA_U
 ClientSampleId :

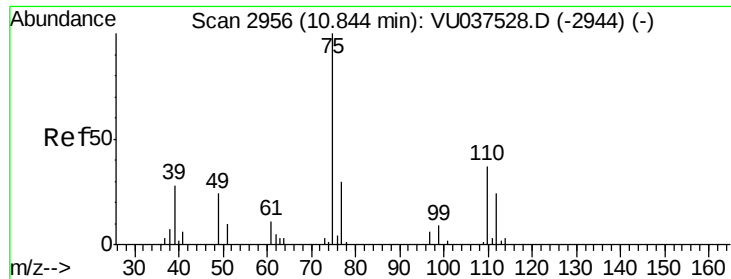
Tot Ion: 75 Resp: 848
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.2 41.2#



#49
 Dibromochloromethane
 Concen: 0.146 ug/L
 RT: 8.83 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU037540.D
 Acq: 01 Apr 2020 23:18

Tgt Ion: 129 Resp: 913
 Ion Ratio Lower Upper
 129 100
 127 81.7 53.6 99.6

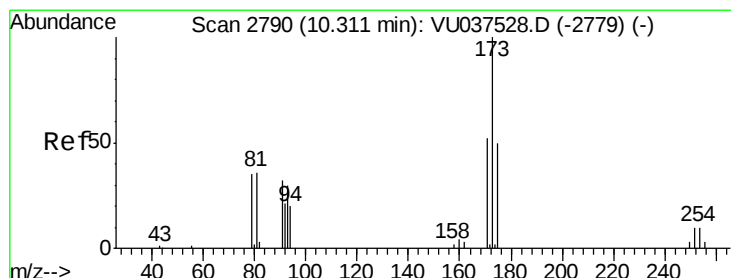
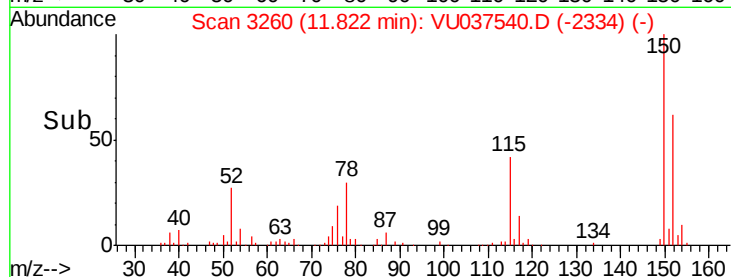
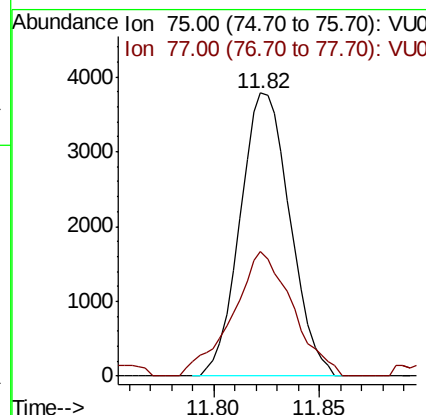
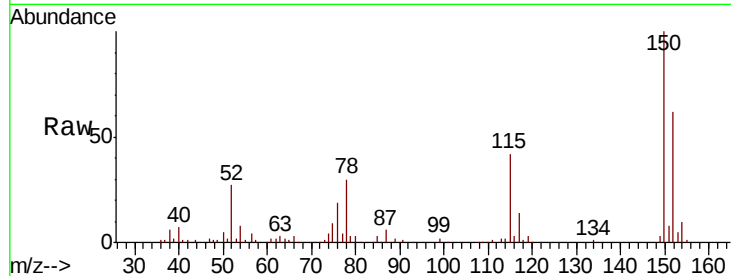




#59
 1,2,3-Trichloropropane
 Concen: 1.266 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU037540.D
 Acq: 01 Apr 2020 23:18

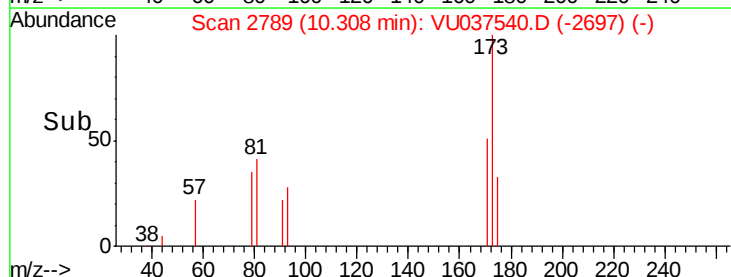
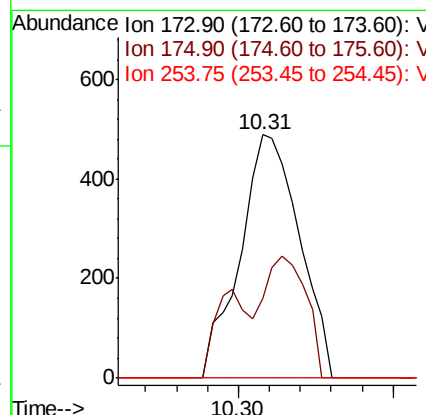
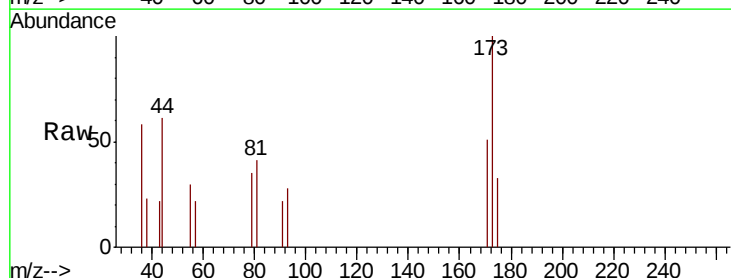
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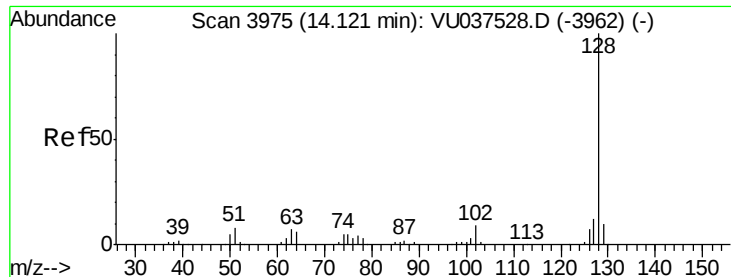
Tot Ion: 75 Resp: 6217
 Ion Ratio Lower Upper
 75 100
 77 52.8 25.8 38.6#



#61
 Bromoform
 Concen: 0.187 ug/L
 RT: 10.31 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: VU037540.D
 Acq: 01 Apr 2020 23:18

Tgt Ion: 173 Resp: 652
 Ion Ratio Lower Upper
 173 100
 175 35.0 37.2 55.8#
 254 0.0 7.7 11.5#





#69

Naphthalene

Concen: 73.412 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU037540.D

Acq: 01 Apr 2020 23:18

Instrument :

MSVOA_U

ClientSampleId :

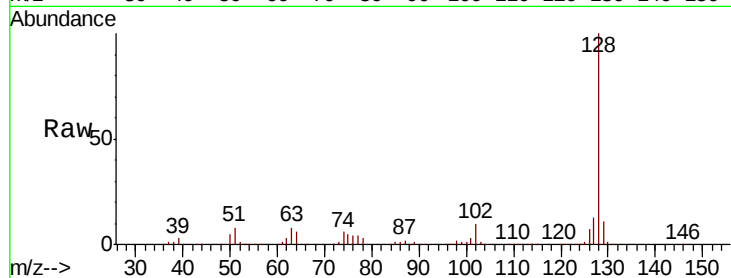
Tot Ion:128 Resp: 1536951

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 12.6 10.4 15.6



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

