

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041320\
 Data File : VU037684.D
 Acq On : 13 Apr 2020 14:39
 Operator : JC/MD
 Sample : L2176-02MEDL 4X
 Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG2H9ME

Quant Time: Apr 14 03:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 14 03:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	700392	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	687124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	365416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	190391	31.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.20%
7) Chloroethane-d5	1.90	69	163377	33.02	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.04%#
11) 1,1-Dichloroethene-d2	2.58	63	250749	25.13	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.26%#
21) 2-Butanone-d5	4.67	46	360289	72.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.63%
24) Chloroform-d	5.10	84	325787	35.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.82%
26) 1,2-Dichloroethane-d4	5.74	65	238022	38.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.16%
32) Benzene-d6	5.76	84	731721	36.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.40%
36) 1,2-Dichloropropane-d6	6.72	67	249014	37.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.02%
41) Toluene-d8	7.92	98	755543	40.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.62%
43) trans-1,3-Dichloropropene-	8.20	79	130418	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
47) 2-Hexanone-d5	8.66	63	321894	83.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.55%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	394958	41.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.10%
64) 1,2-Dichlorobenzene-d4	12.21	152	293611	38.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.22%#

Target Compounds

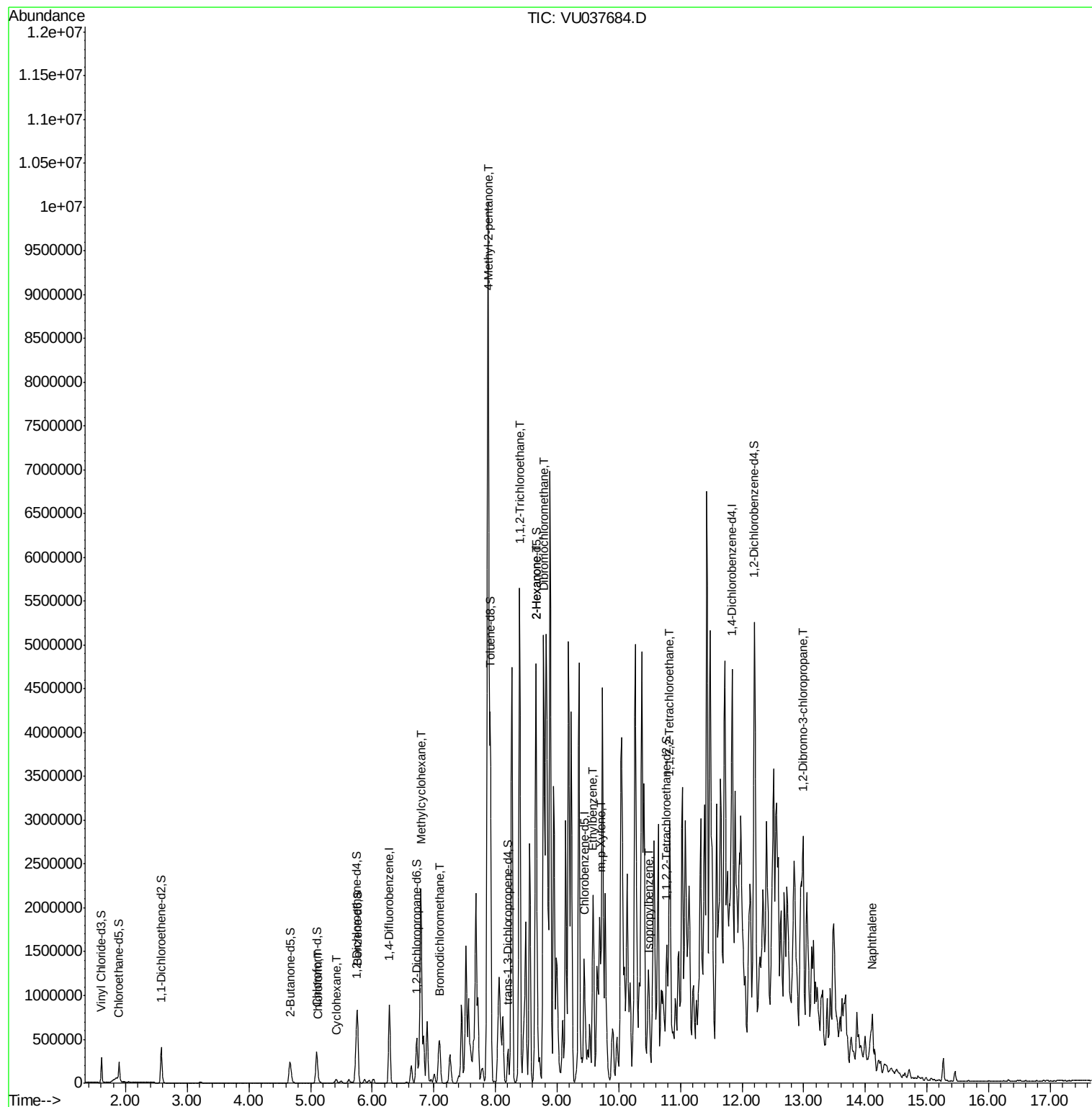
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	5.12	83	16943	1.912	ug/L	100
29) Cyclohexane	5.42	56	17819	1.886	ug/L	98
35) Methylcyclohexane	6.79	83	926624	101.453	ug/L	94
38) Bromodichloromethane	7.10	83	8684	1.228	ug/L #	1
40) 4-Methyl-2-pentanone	7.88	43	512040	50.178	ug/L #	50
45) 1,1,2-Trichloroethane	8.39	97	2165622	422.420	ug/L #	19
48) 2-Hexanone	8.65	43	1796760	222.991	ug/L #	22
49) Dibromochloromethane	8.78	129	6731	1.224	ug/L #	10
52) Ethylbenzene	9.59	91	117349	4.712	ug/L	98
53) m,p-Xylene	9.71	106	79478	8.405	ug/L	98
56) Isopropylbenzene	10.50	105	135115	5.533	ug/L #	93
58) 1,1,2,2-Tetrachloroethane	10.83	83	181074	19.780	ug/L #	44
66) 1,2-Dibromo-3-chloropropan	13.00	75	5937	2.211	ug/L #	21
69) Naphthalene	14.12	128	454066	14.835	ug/L #	97

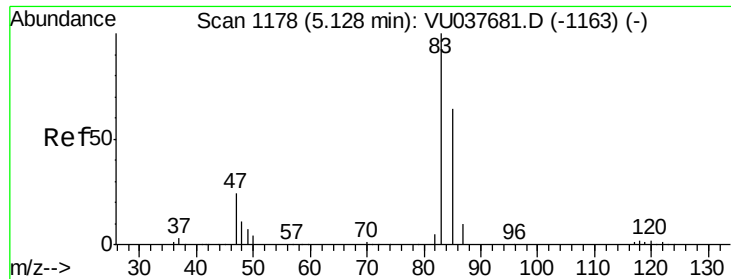
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041320\
Data File : VU037684.D
Acq On : 13 Apr 2020 14:39
Operator : JC/MD
Sample : L2176-02MEDL 4X
Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG2H9ME

Quant Time: Apr 14 03:29:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 14 03:27:41 2020
Response via : Initial Calibration

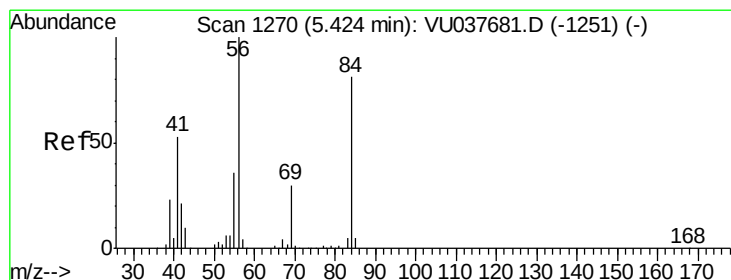
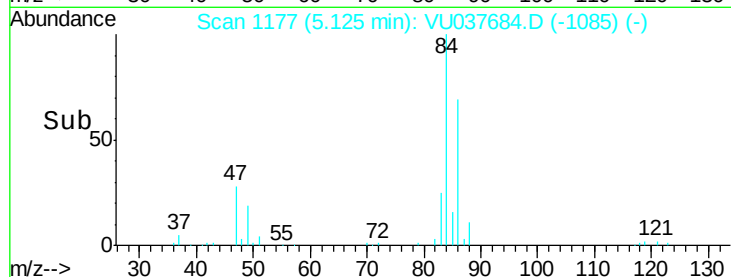
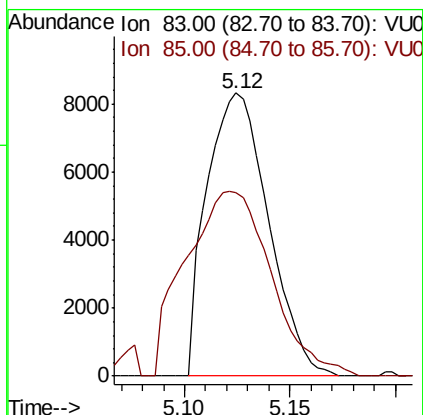
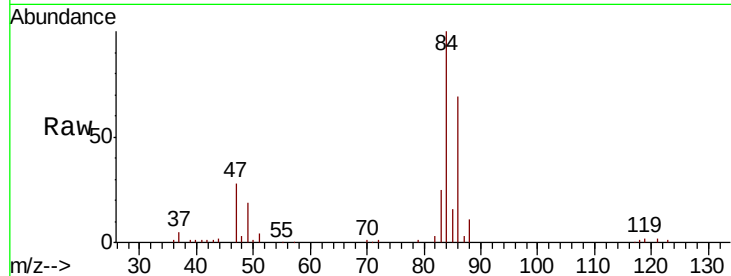




#25
Chloroform
Concen: 1.912 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037684.D
Acq: 13 Apr 2020 14:39

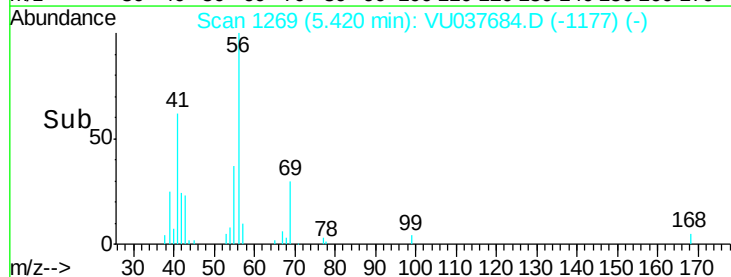
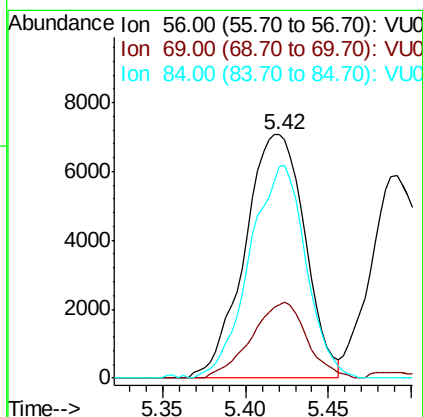
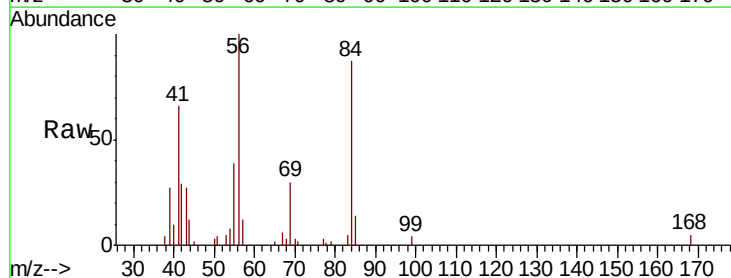
Instrument :
MSVOA_U
ClientSampleId :
BG2H9ME

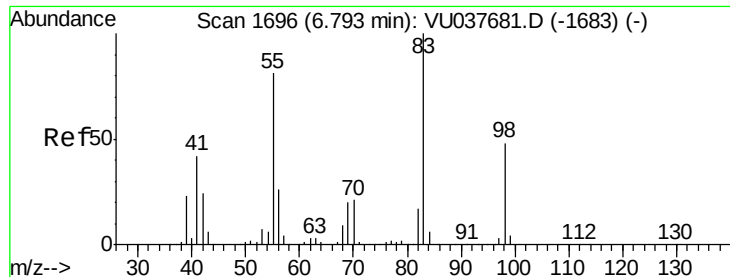
Tot Ion: 83 Resp: 16943
Ion Ratio Lower Upper
83 100
85 64.9 45.5 84.5



#29
Cyclohexane
Concen: 1.886 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU037684.D
Acq: 13 Apr 2020 14:39

Tgt Ion: 56 Resp: 17819
Ion Ratio Lower Upper
56 100
69 28.6 24.0 36.0
84 81.5 66.3 99.5

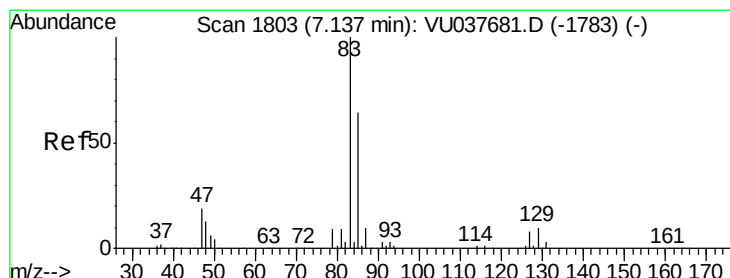
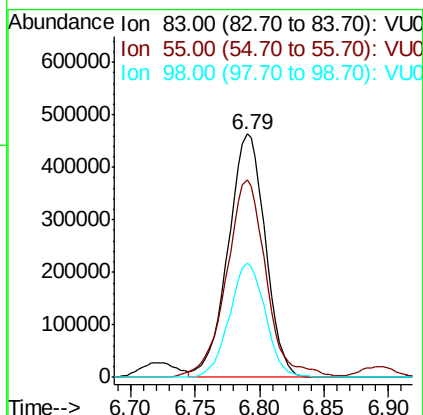
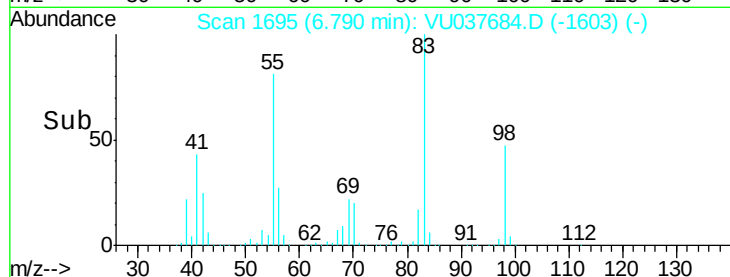
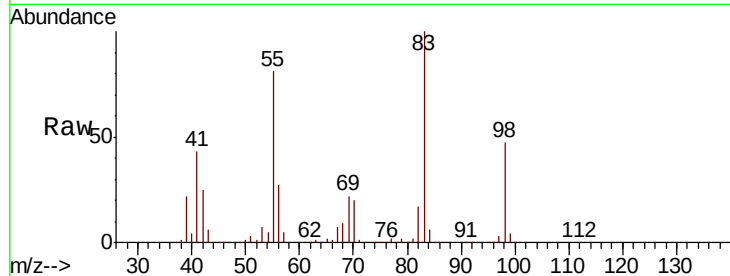




#35
Methylcyclohexane
Concen: 101.453 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU037684.D
Acq: 13 Apr 2020 14:39

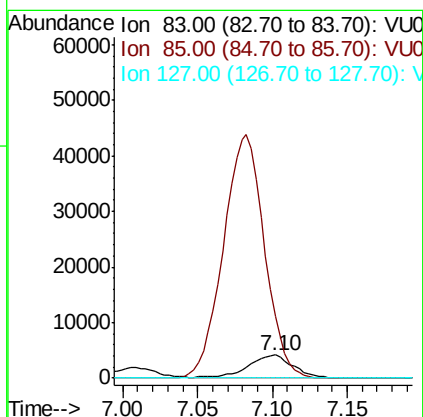
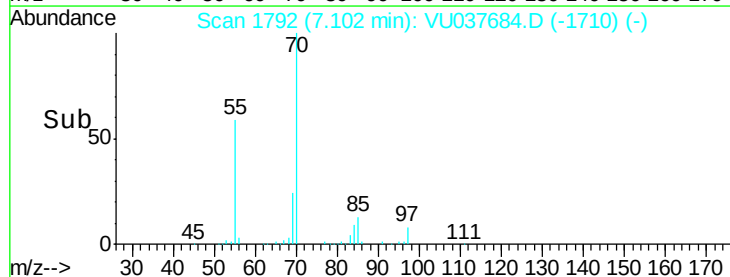
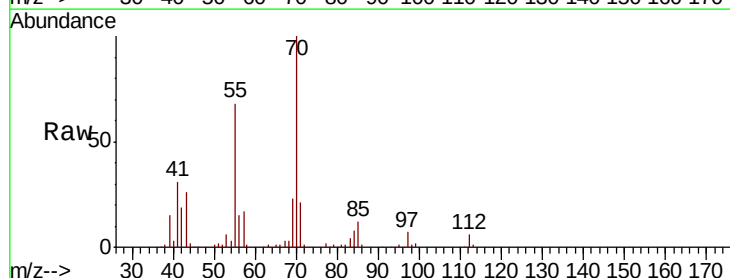
Instrument :
MSVOA_U
ClientSampleId :
BG2H9ME

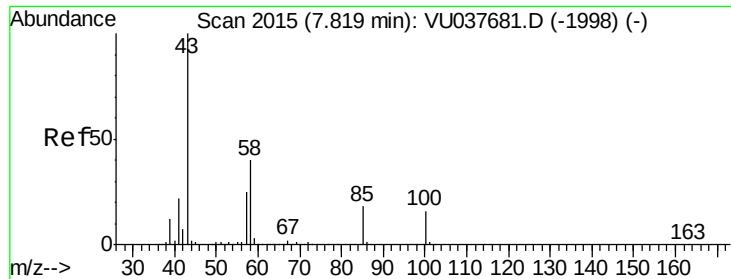
Tot Ion: 83 Resp: 926624
Ion Ratio Lower Upper
83 100
55 87.0 64.6 96.8
98 45.6 38.0 57.0



#38
Bromodichloromethane
Concen: 1.228 ug/L
RT: 7.10 min Scan# 1792
Delta R.T. -0.04 min
Lab File: VU037684.D
Acq: 13 Apr 2020 14:39

Tgt Ion: 83 Resp: 8684
Ion Ratio Lower Upper
83 100
85 267.0 45.1 83.7#
127 0.0 6.6 9.8#

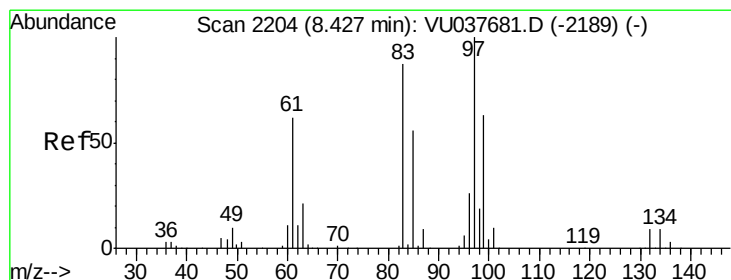
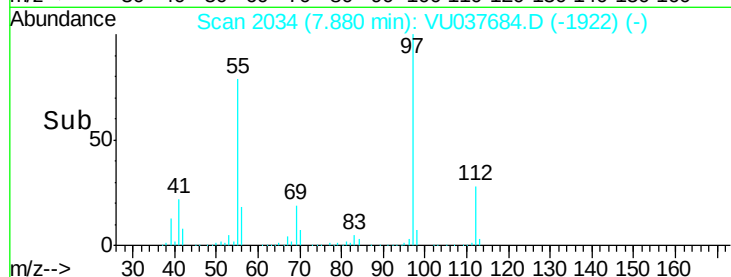
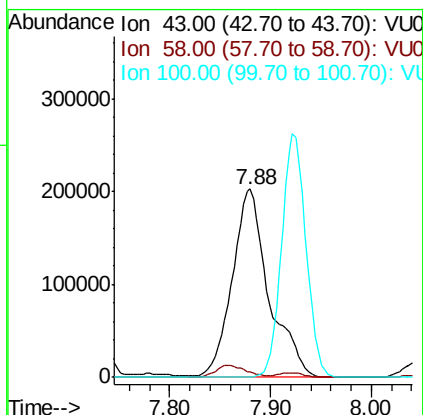
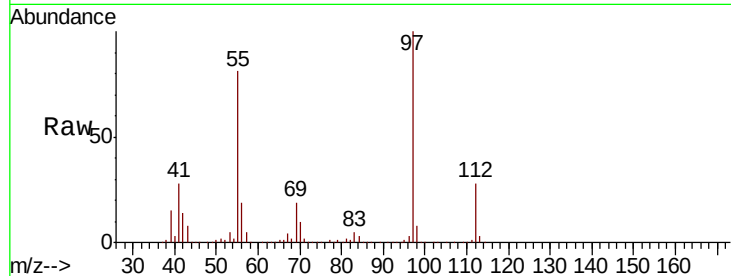




#40
 4-Methyl-2-pentanone
 Concen: 50.178 ug/L
 RT: 7.88 min Scan# 2034
 Delta R.T. 0.06 min
 Lab File: VU037684.D
 Acq: 13 Apr 2020 14:39

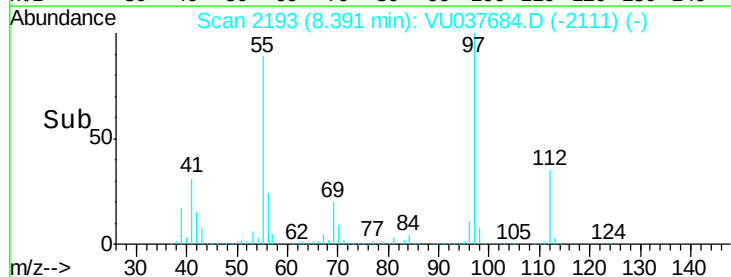
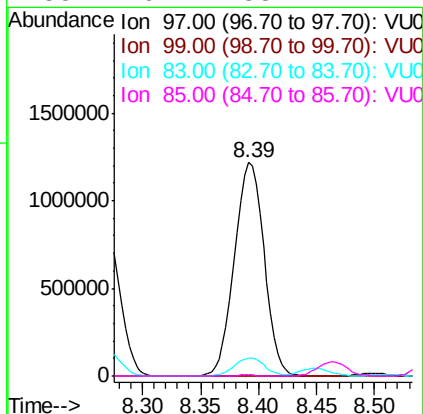
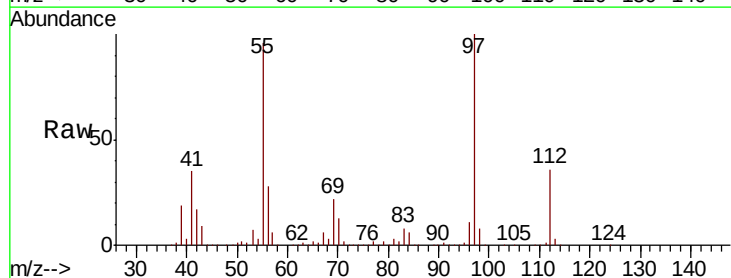
Instrument :
 MSVOA_U
 ClientSampleId :
 BG2H9ME

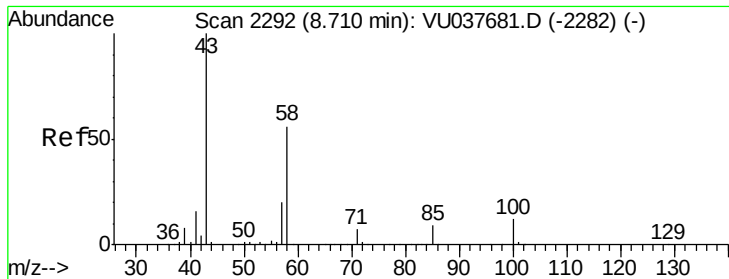
Tot Ion: 43 Resp: 512040
 Ion Ratio Lower Upper
 43 100
 58 5.4 31.5 47.3#
 100 0.0 12.0 18.0#



#45
 1,1,2-Trichloroethane
 Concen: 422.420 ug/L
 RT: 8.39 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VU037684.D
 Acq: 13 Apr 2020 14:39

Tgt Ion: 97 Resp: 2165622
 Ion Ratio Lower Upper
 97 100
 99 0.3 43.6 81.0#
 83 8.5 61.2 113.8#
 85 0.4 38.4 71.4#

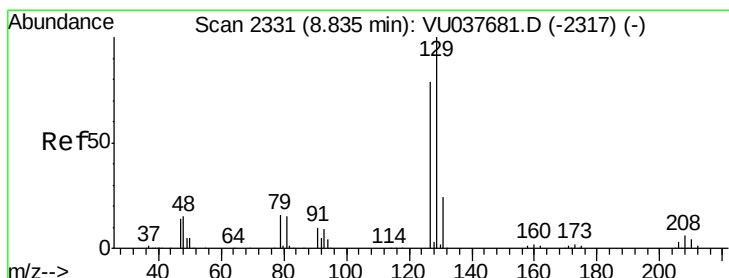
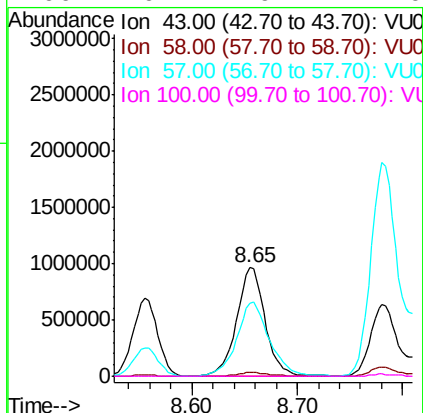
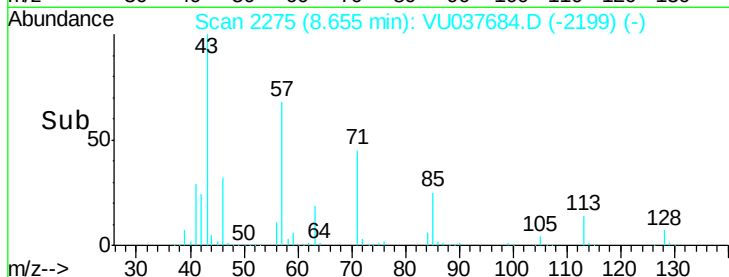
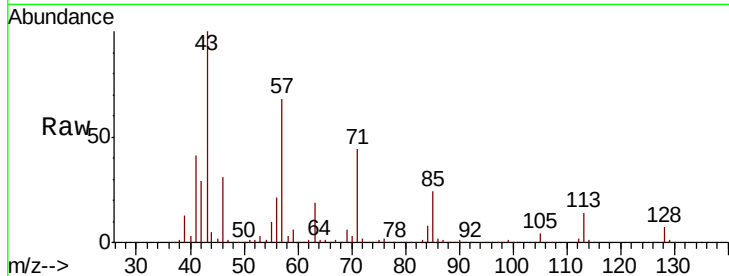




#48
2-Hexanone
Concen: 222.991 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU037684.D
Acq: 13 Apr 2020 14:39

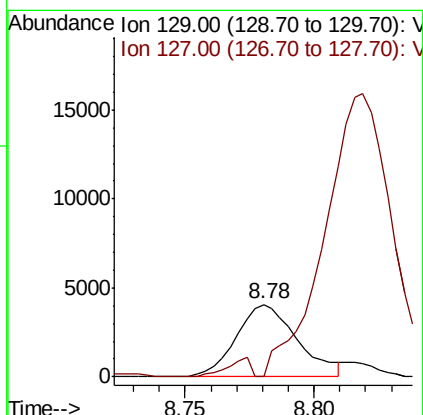
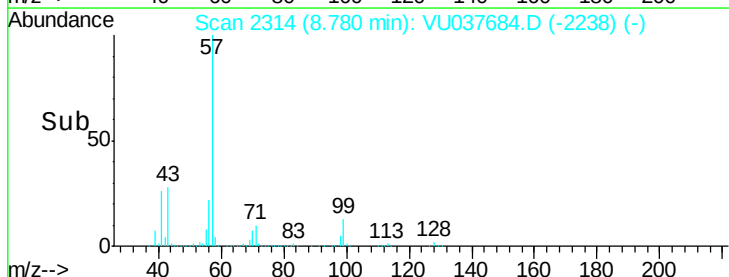
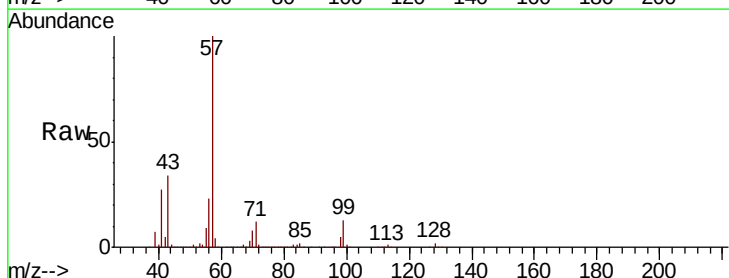
Instrument :
MSVOA_U
ClientSampleId :
BG2H9ME

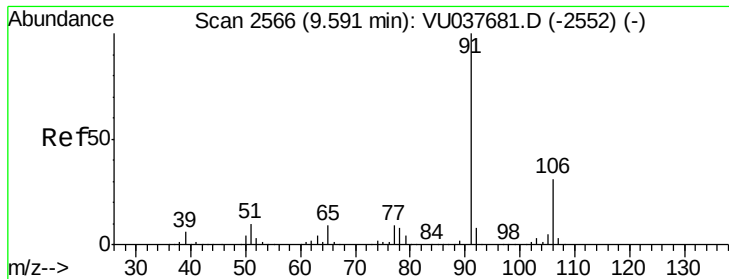
Tot Ion: 43 Resp: 1796760
Ion Ratio Lower Upper
43 100
58 4.1 44.0 66.0#
57 78.3 15.2 22.8#
100 0.2 9.4 14.0#



#49
Dibromochloromethane
Concen: 1.224 ug/L
RT: 8.78 min Scan# 2314
Delta R.T. -0.05 min
Lab File: VU037684.D
Acq: 13 Apr 2020 14:39

Tgt Ion: 129 Resp: 6731
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#

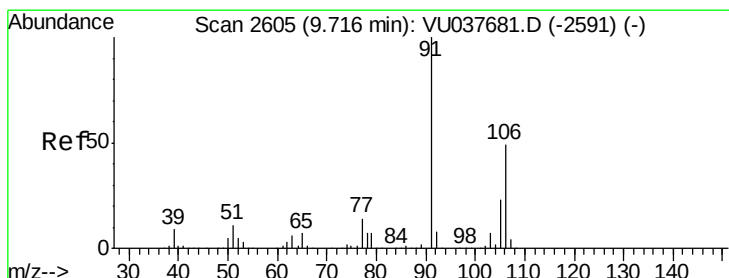
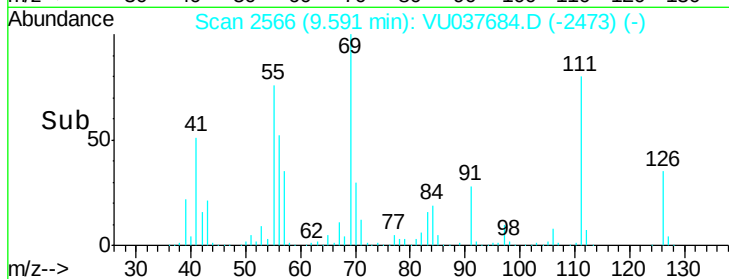
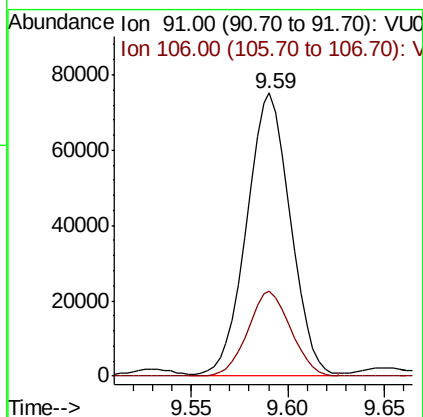
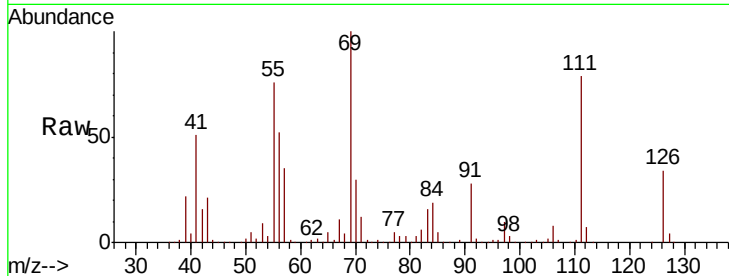




#52
Ethylbenzene
Concen: 4.712 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU037684.D
Acq: 13 Apr 2020 14:39

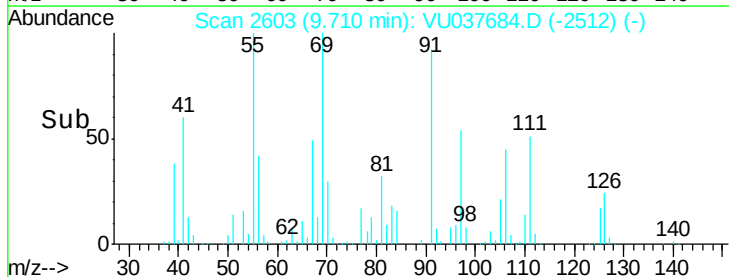
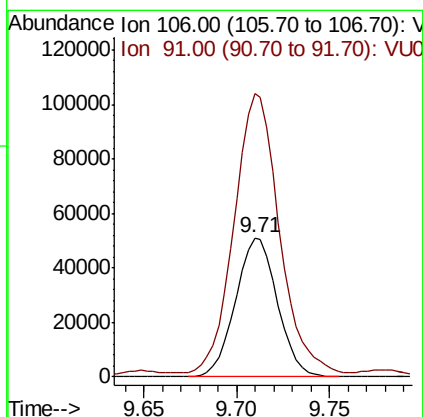
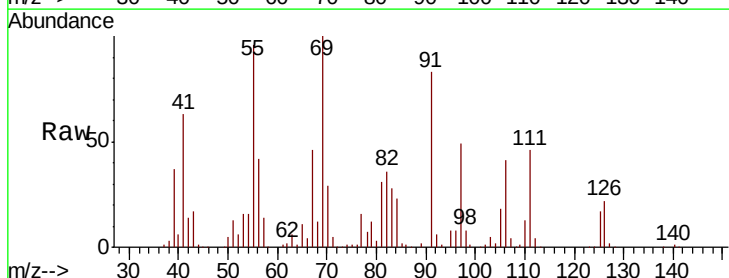
Instrument :
MSVOA_U
ClientSampleId :
BG2H9ME

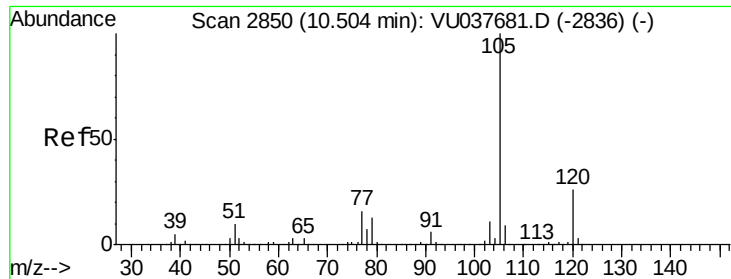
Tot Ion: 91 Resp: 117349
Ion Ratio Lower Upper
91 100
106 29.8 21.6 40.0



#53
m,p-Xylene
Concen: 8.405 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.01 min
Lab File: VU037684.D
Acq: 13 Apr 2020 14:39

Tgt Ion: 106 Resp: 79478
Ion Ratio Lower Upper
106 100
91 203.8 140.8 261.6





#56

Isopropylbenzene

Concen: 5.533 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037684.D

Acq: 13 Apr 2020 14:39

Instrument :

MSVOA_U

ClientSampled :

BG2H9ME

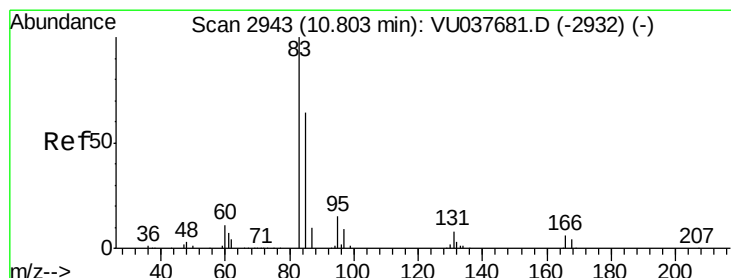
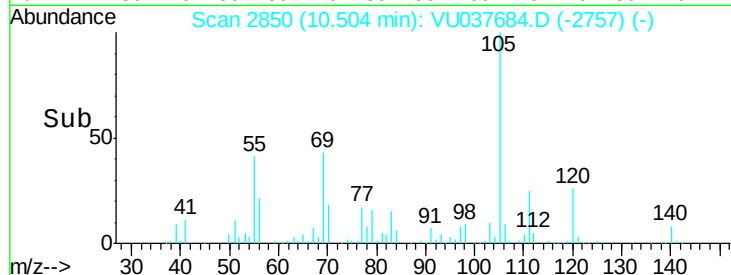
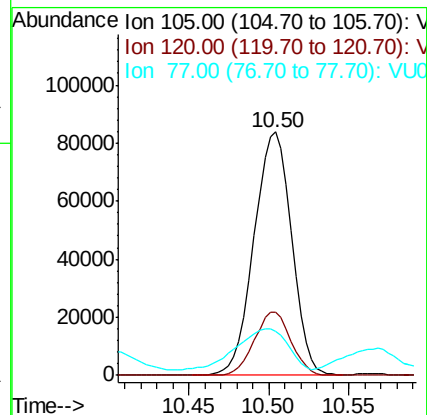
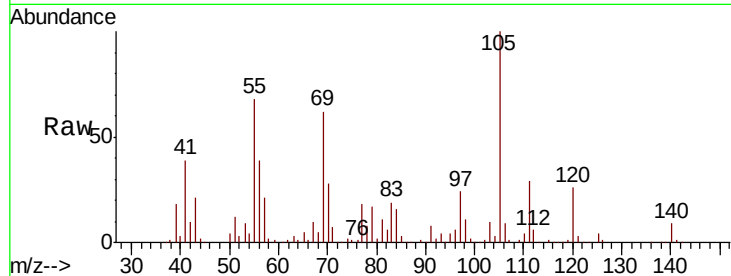
Tot Ion:105 Resp: 135115

Ion Ratio Lower Upper

105 100

120 25.3 20.7 31.1

77 22.9 12.7 19.1#



#58

1,1,2,2-Tetrachloroethane

Concen: 19.780 ug/L

RT: 10.83 min Scan# 2950

Delta R.T. 0.02 min

Lab File: VU037684.D

Acq: 13 Apr 2020 14:39

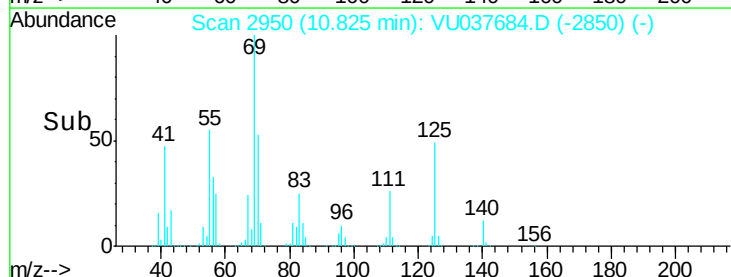
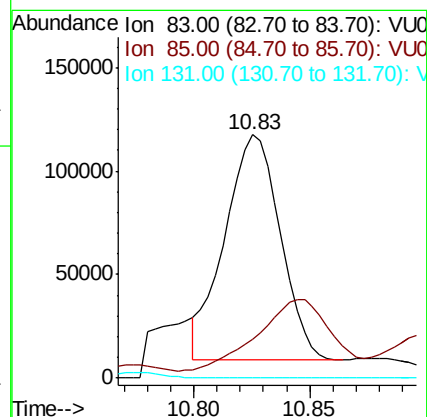
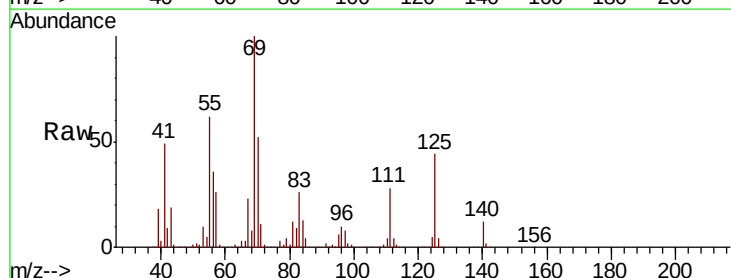
Tgt Ion: 83 Resp: 181074

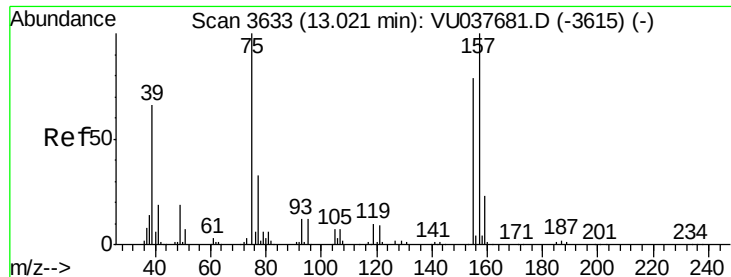
Ion Ratio Lower Upper

83 100

85 16.0 44.2 82.2#

131 0.0 7.6 11.4#

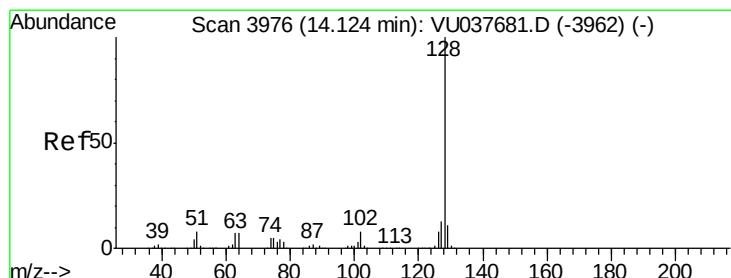
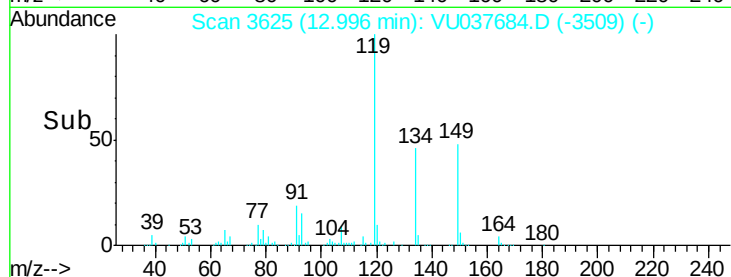
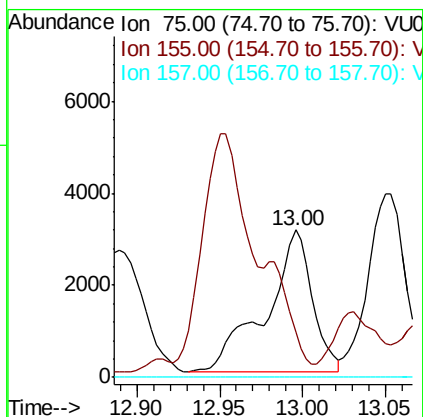
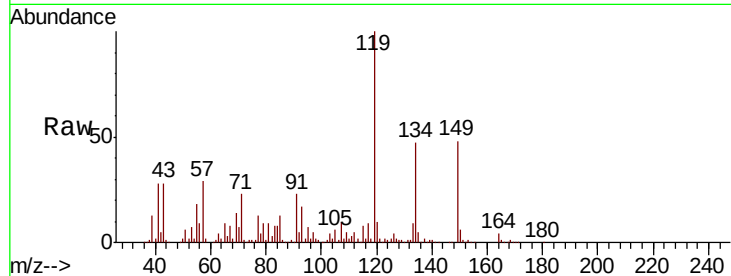




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.211 ug/L
 RT: 13.00 min Scan# 3625
 Delta R.T. -0.03 min
 Lab File: VU037684.D
 Acq: 13 Apr 2020 14:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BG2H9ME

Tot Ion: 75 Resp: 5937
 Ion Ratio Lower Upper
 75 100
 155 30.3 60.9 91.3#
 157 0.0 78.8 118.2#



#69
 Naphthalene
 Concen: 14.835 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU037684.D
 Acq: 13 Apr 2020 14:39

Tgt Ion: 128 Resp: 454066
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.5 15.7
 129 13.0 8.6 13.0#

