

Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ88

Quant Time: May 01 04:46:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	955338	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	909276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	373758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	307707	38.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.98%
7) Chloroethane-d5	1.68	69	196454	31.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.60%#
11) 1,1-Dichloroethene-d2	2.24	63	469277	29.47	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.94%#
21) 2-Butanone-d5	4.21	46	563339	77.76	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.76%
24) Chloroform-d	4.64	84	554469	37.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.74%
26) 1,2-Dichloroethane-d4	5.31	65	389436	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
32) Benzene-d6	5.33	84	1141493	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.76%
36) 1,2-Dichloropropane-d6	6.32	67	400701	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.58%
41) Toluene-d8	7.56	98	955172	39.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.56%#
43) trans-1,3-Dichloropropene-	7.86	79	162378	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.02%
47) 2-Hexanone-d5	8.34	63	402348	94.63	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.63%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	488939	37.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	315195	40.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.20%

Target Compounds

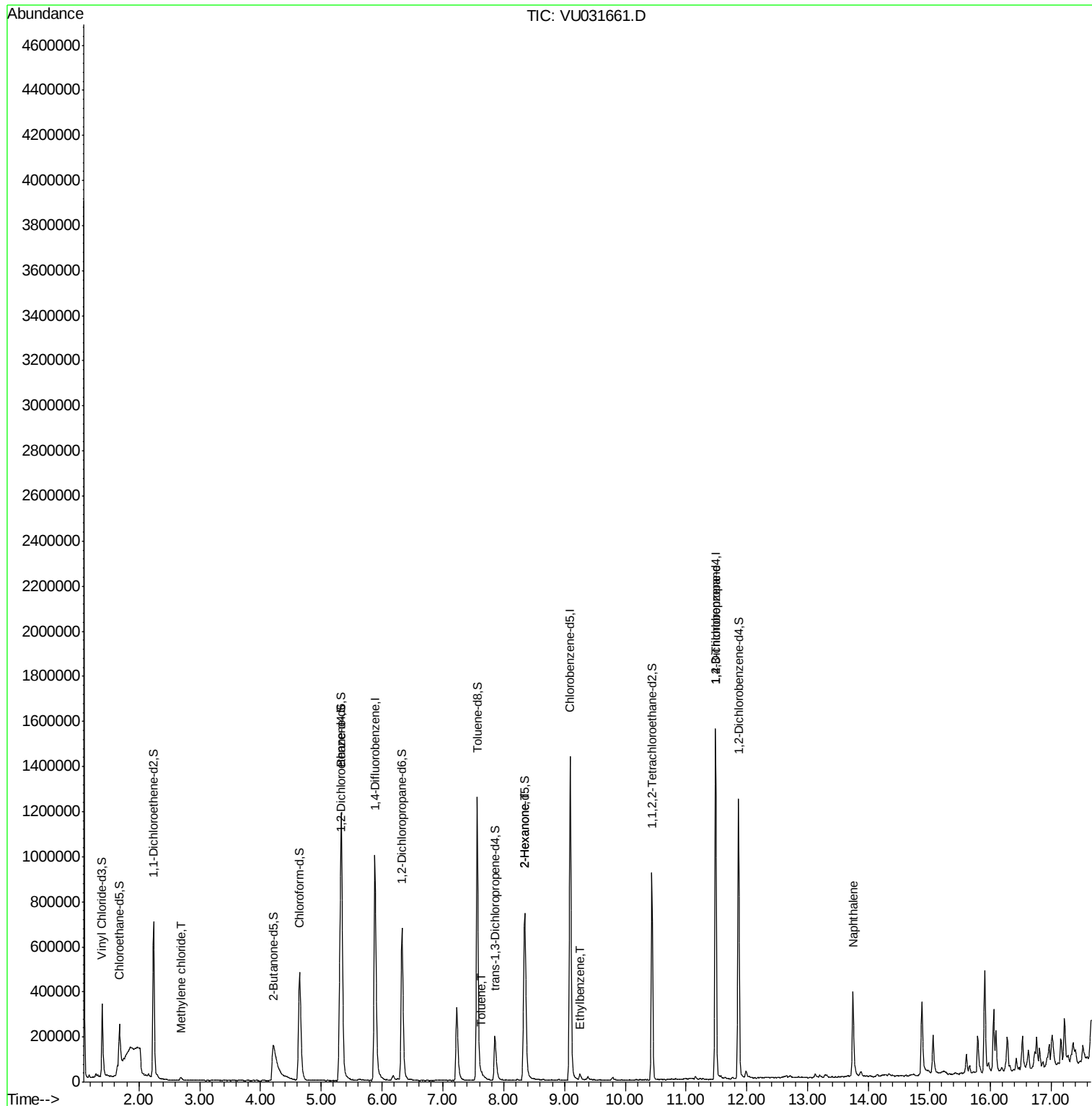
					Qvalue
16) Methylene chloride	2.69	84	6502	0.739 ug/L	95
42) Toluene	7.64	91	17990	0.540 ug/L	88
48) 2-Hexanone	8.35	43	60311	5.107 ug/L #	71
52) Ethylbenzene	9.25	91	20603	0.596 ug/L	87
59) 1,2,3-Trichloropropane	11.49	75	54148	4.812 ug/L	91
69) Naphthalene	13.74	128	336826	13.467 ug/L	99

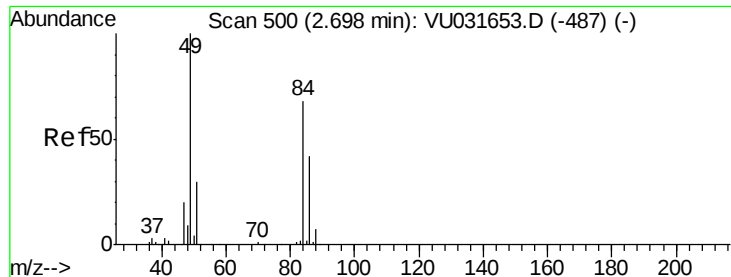
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031661.D
Acq On : 01 May 2019 02:35
Operator : JC/SP
Sample : K2604-14
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ88

Quant Time: May 01 04:46:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

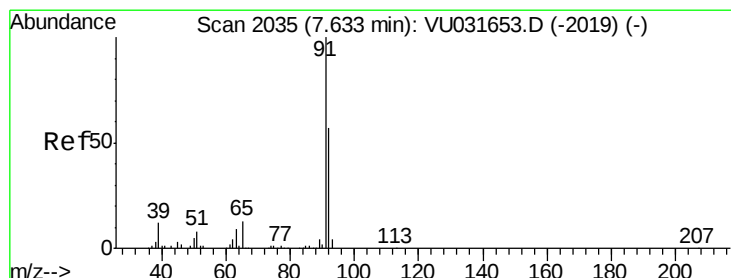
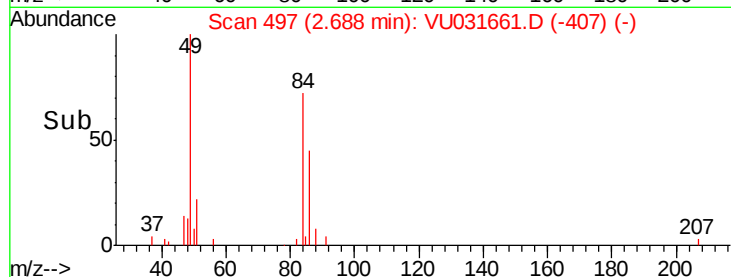
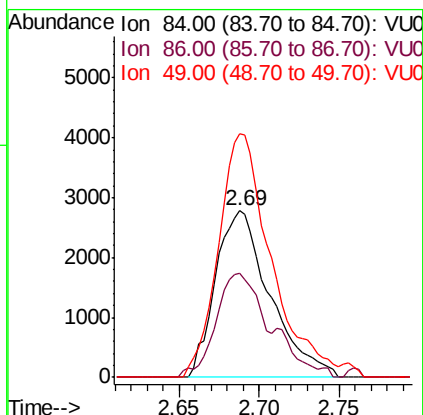
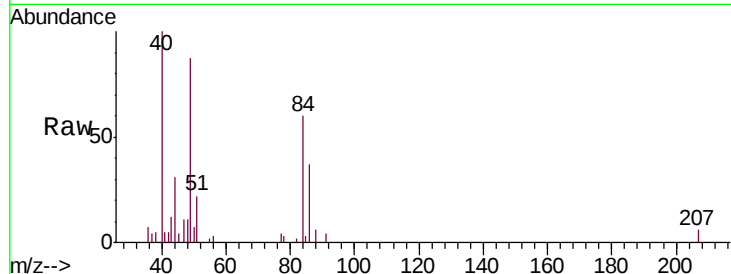




#16
Methylene chloride
Concen: 0.739 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU031661.D
Acq: 01 May 2019 02:35

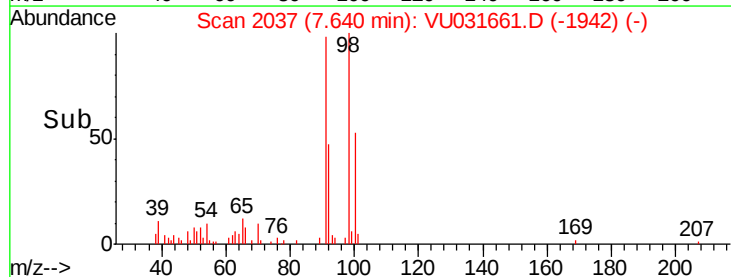
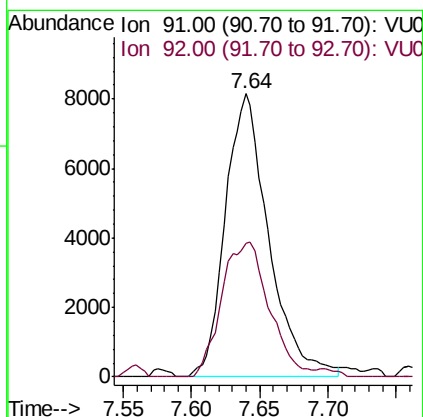
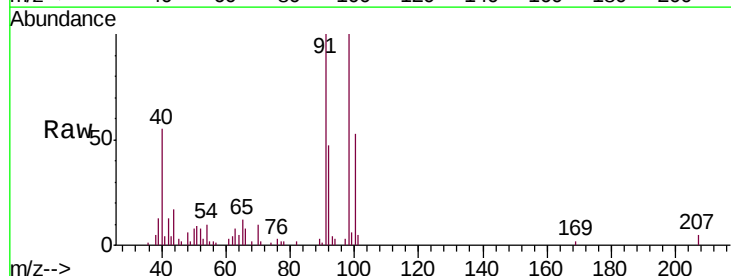
Instrument :
MSVOA_U
ClientSampleID :
GAJ88

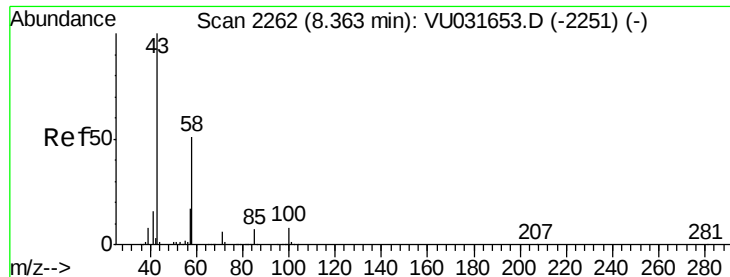
Tgt Ion: 84 Resp: 6502
Ion Ratio Lower Upper
84 100
86 62.3 44.7 83.1
49 146.3 96.5 179.3



#42
Toluene
Concen: 0.540 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031661.D
Acq: 01 May 2019 02:35

Tgt Ion: 91 Resp: 17990
Ion Ratio Lower Upper
91 100
92 47.2 39.0 72.4

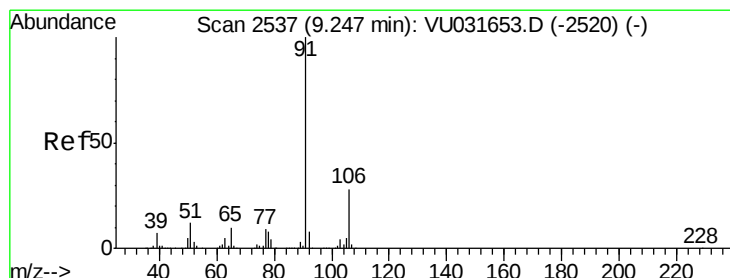
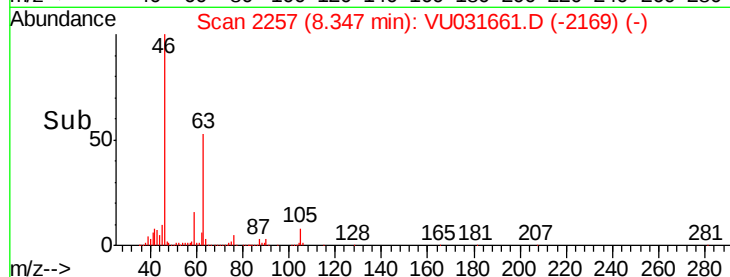
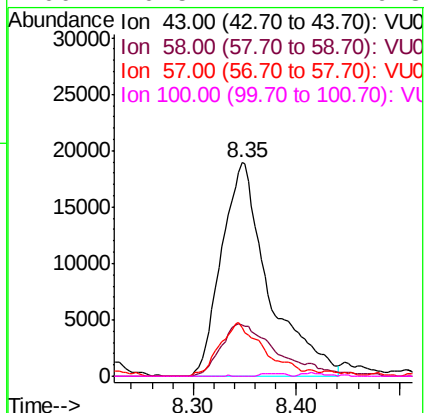
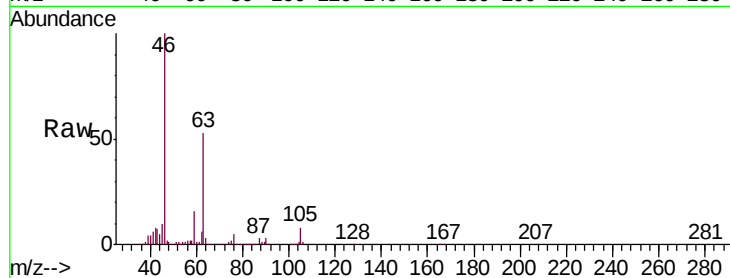




#48
2-Hexanone
Concen: 5.107 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. -0.02 min
Lab File: VU031661.D
Acq: 01 May 2019 02:35

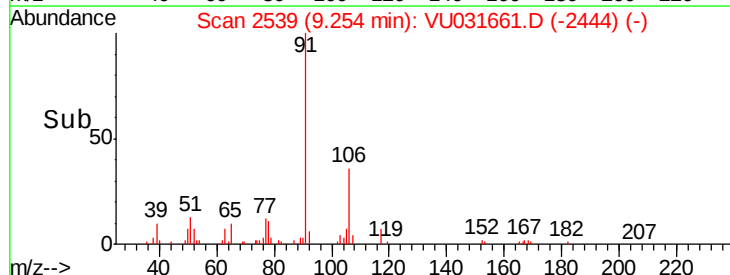
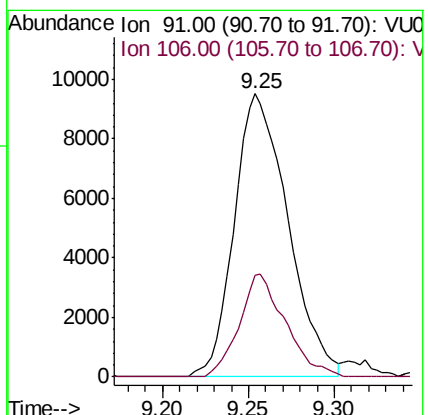
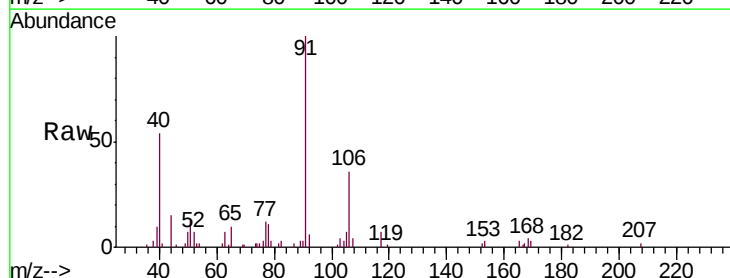
Instrument :
MSVOA_U
ClientSampleId :
GAJ88

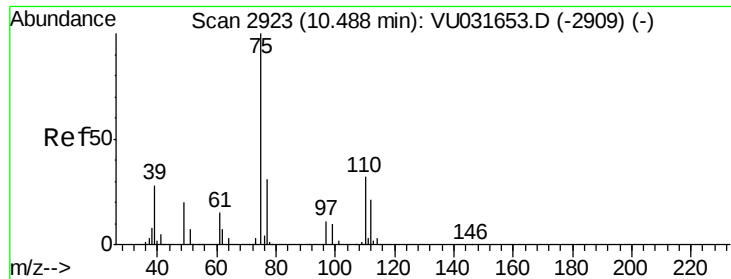
Tgt Ion:	43	Resp:	60311
Ion	Ratio	Lower	Upper
43	100		
58	26.6	42.1	63.1#
57	21.9	14.6	22.0
100	0.5	7.2	10.8#



#52
Ethylbenzene
Concen: 0.596 ug/L
RT: 9.25 min Scan# 2539
Delta R.T. 0.01 min
Lab File: VU031661.D
Acq: 01 May 2019 02:35

Tgt Ion:	91	Resp:	20603
Ion	Ratio	Lower	Upper
91	100		
106	36.1	20.4	37.8

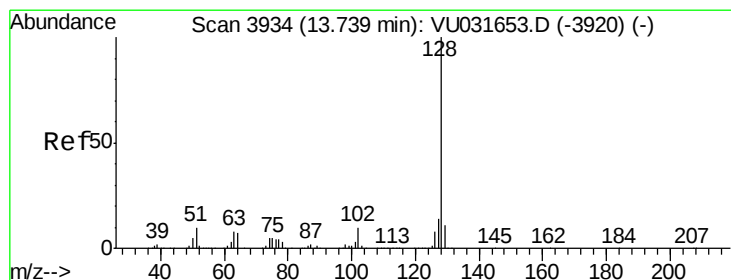
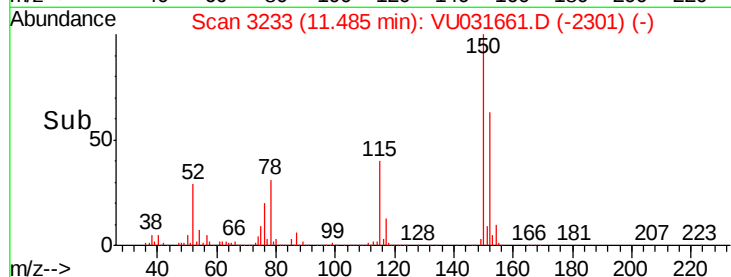
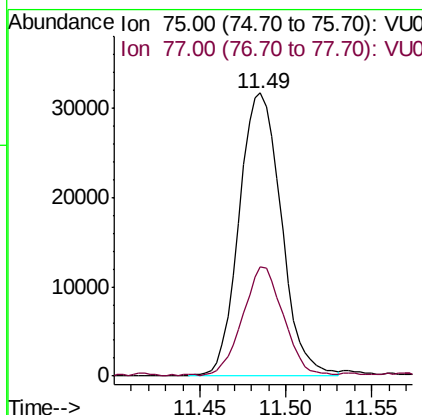
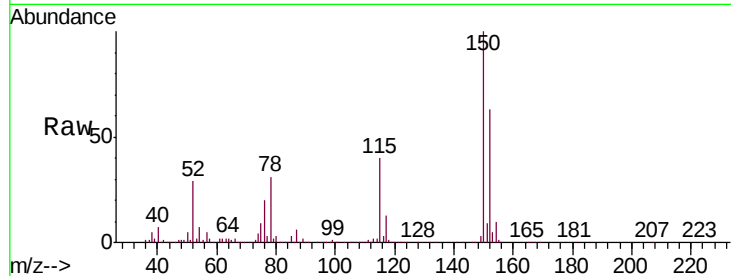




#59
 1,2,3-Trichloropropane
 Concen: 4.812 ug/L
 RT: 11.49 min Scan# 3233
 Delta R.T. 1.00 min
 Lab File: VU031661.D
 Acq: 01 May 2019 02:35

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ88

Tgt Ion: 75 Resp: 54148
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.9 38.9



#69
 Naphthalene
 Concen: 13.467 ug/L
 RT: 13.74 min Scan# 3935
 Delta R.T. 0.00 min
 Lab File: VU031661.D
 Acq: 01 May 2019 02:35

Tgt Ion: 128 Resp: 336826
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.6 15.8
 129 10.5 8.7 13.1

