

Data File : VU027131.D
Acq On : 25 Sep 2018 14:12
Operator : MD/SY
Sample : VU0925MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Quant Time: Sep 26 02:27:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 02:22:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	213161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	200780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66496	35.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.14%
7) Chloroethane-d5	1.68	69	55266	37.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.42%
11) 1,1-Dichloroethene-d2	2.27	63	96451	26.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.48%#
21) 2-Butanone-d5	4.18	46	113803	73.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.80%
24) Chloroform-d	4.65	84	99388	32.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.86%#
26) 1,2-Dichloroethane-d4	5.31	65	79461	36.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.64%
32) Benzene-d6	5.34	84	224440	37.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.56%
36) 1,2-Dichloropropane-d6	6.33	67	80725	38.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.24%
41) Toluene-d8	7.57	98	188612	35.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.84%#
43) trans-1,3-Dichloropropene-	7.85	79	34599	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
47) 2-Hexanone-d5	8.31	63	75730	74.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100981	35.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	62483	38.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.88%#

Target Compounds

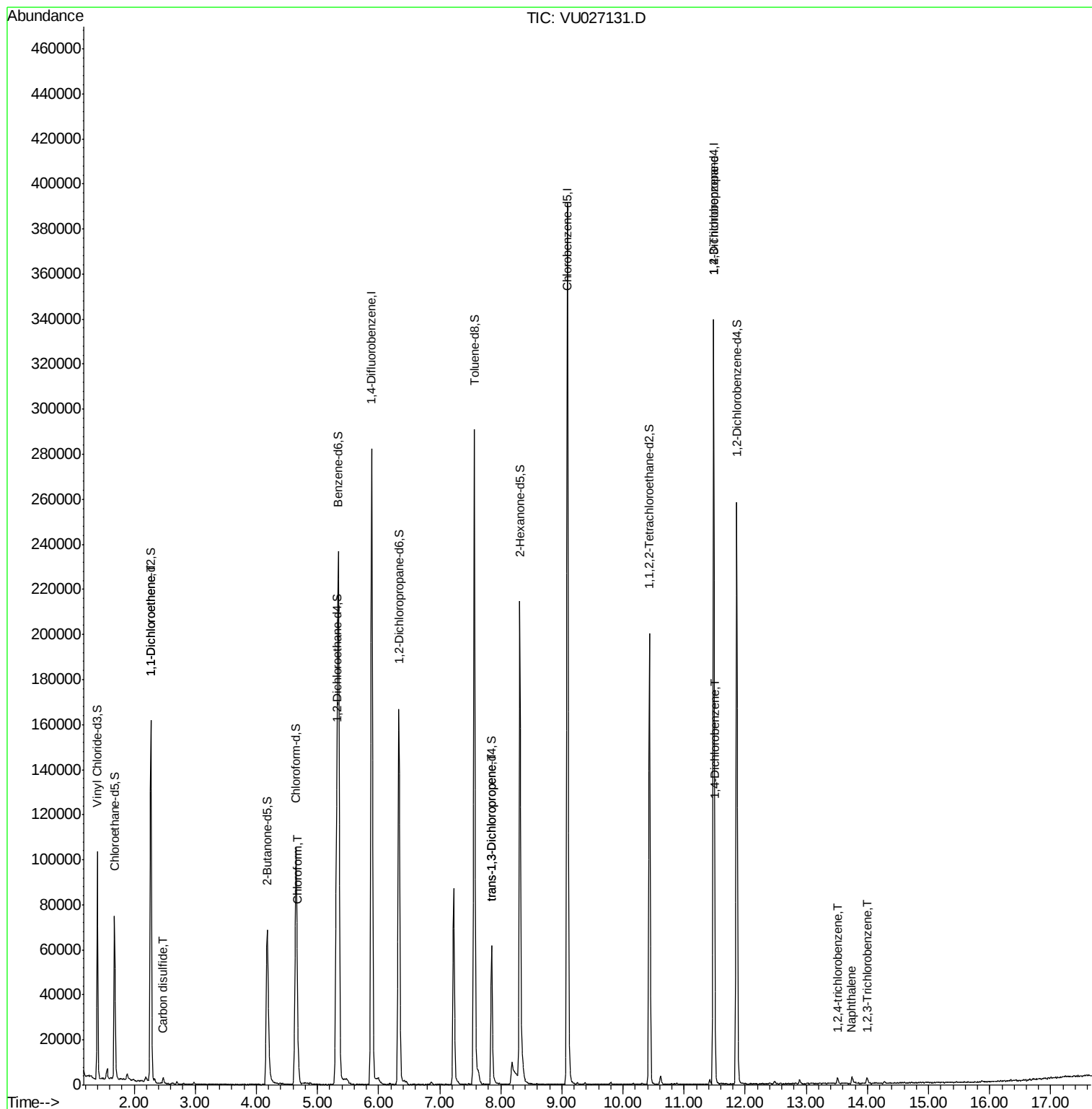
					Qvalue
12) 1,1-Dichloroethene	2.28	96	824	0.586 ug/L #	1
14) Carbon disulfide	2.48	76	2749	0.562 ug/L	99
25) Chloroform	4.68	83	11637	3.522 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	1596	0.594 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	12423	5.151 ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	1548	0.590 ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	1125	0.732 ug/L #	91
69) Naphthalene	13.75	128	3364	0.645 ug/L #	87
70) 1,2,3-Trichlorobenzene	13.99	180	1163	0.689 ug/L #	84

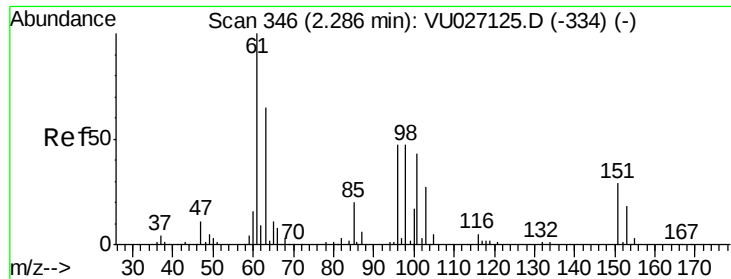
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.586 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027131.D

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ClientSampleId :

VBLK49

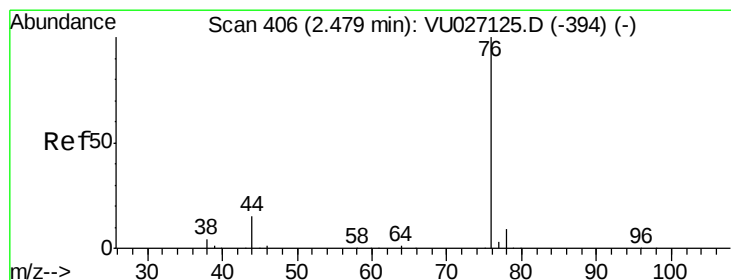
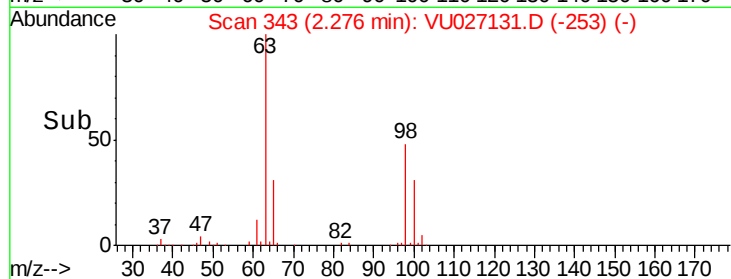
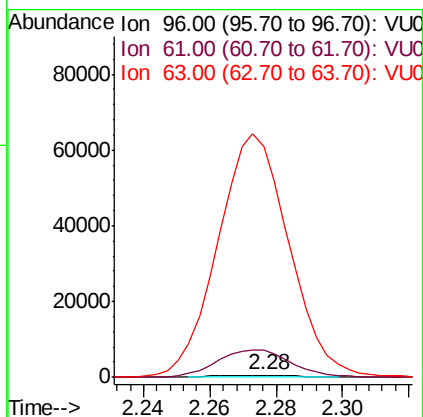
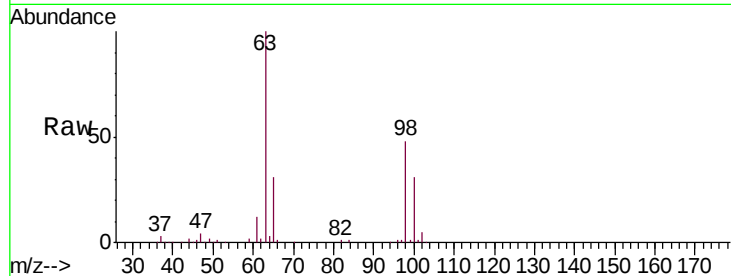
Tgt Ion: 96 Resp: 824

Ion Ratio Lower Upper

96 100

61 1406.3 150.0 278.6#

63 12039.6 101.8 189.0#



#14

Carbon disulfide

Concen: 0.562 ug/L

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027131.D

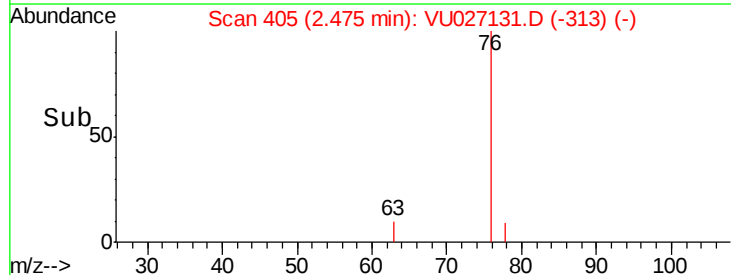
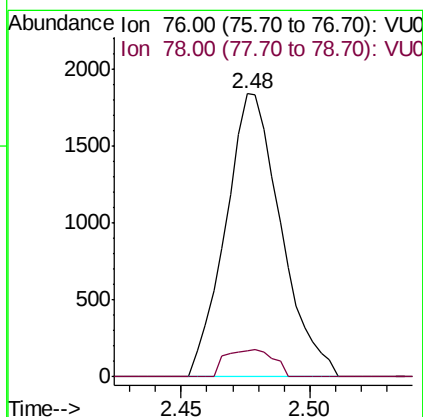
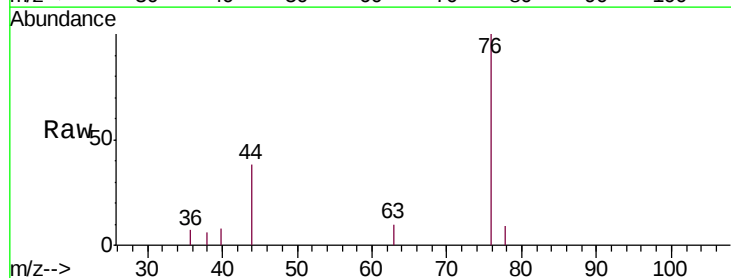
Acq: 25 Sep 2018 14:12

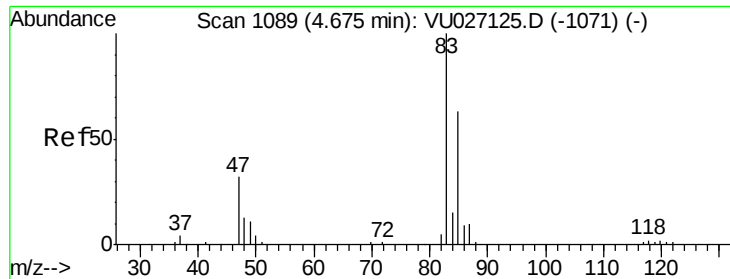
Tgt Ion: 76 Resp: 2749

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

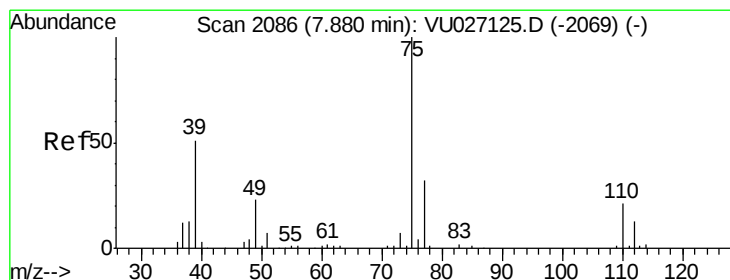
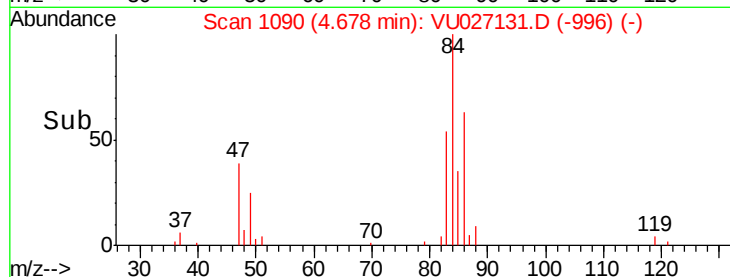
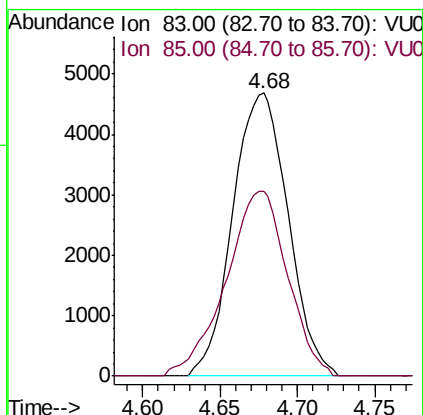
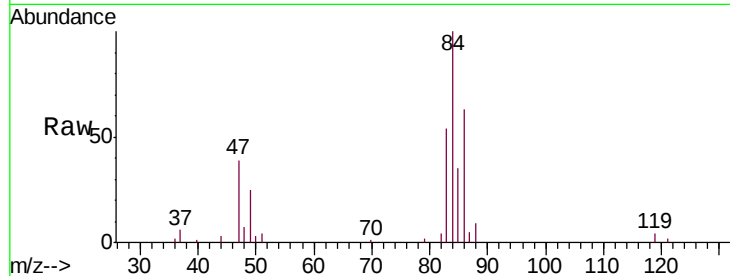




#25
Chloroform
Concen: 3.522 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027131.D
Acq: 25 Sep 2018 14:12

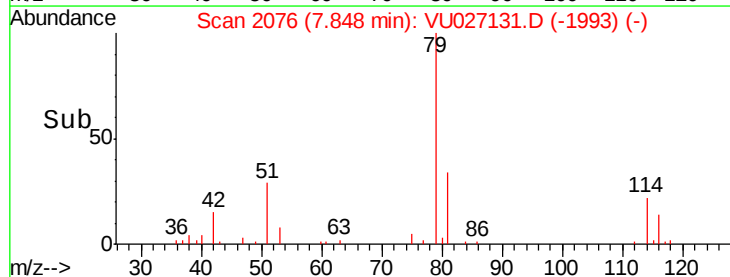
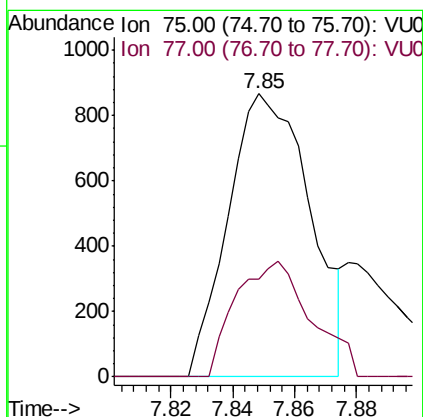
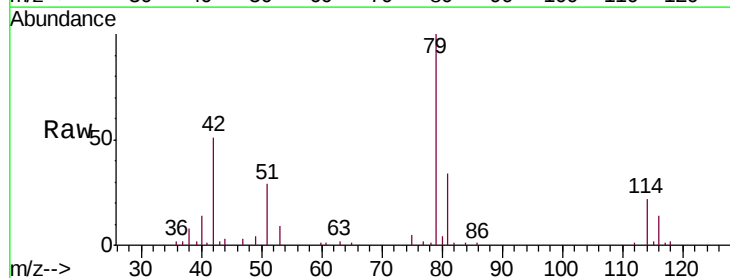
Instrument :
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ClientSampleId :
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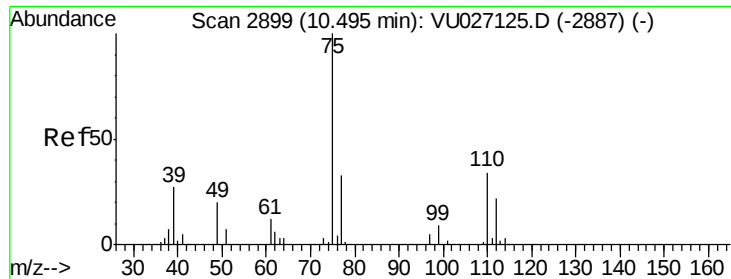
Tgt Ion: 83 Resp: 11637
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.6



#44
trans-1,3-Dichloropropene
Concen: 0.594 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027131.D
Acq: 25 Sep 2018 14:12

Tgt Ion: 75 Resp: 1596
Ion Ratio Lower Upper
75 100
77 34.7 22.3 41.5

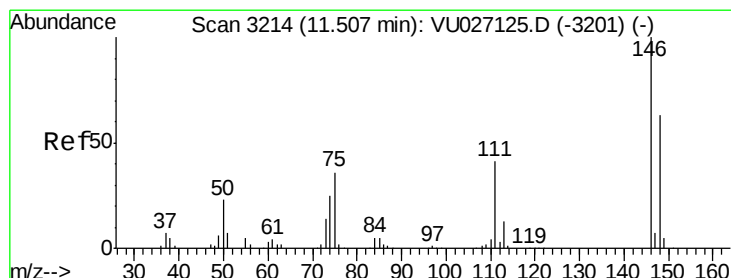
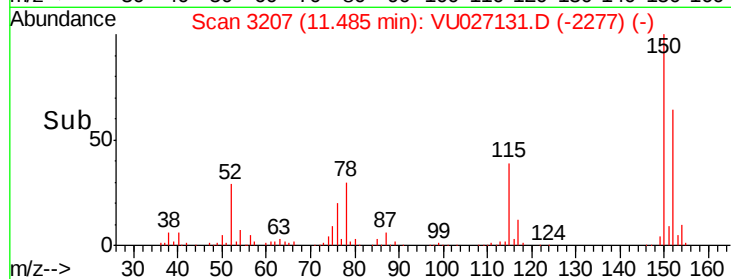
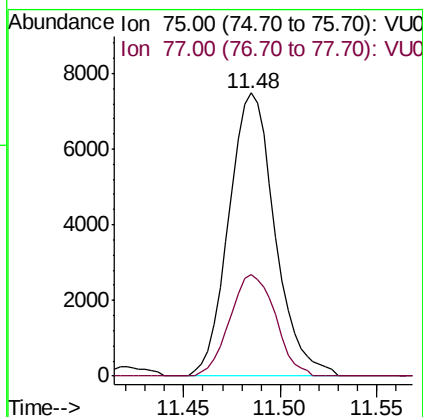
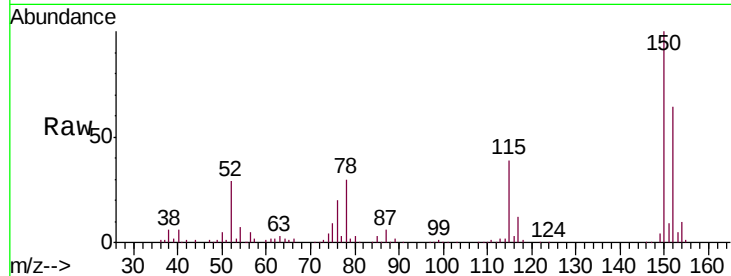




#59
 1,2,3-Trichloropropane
 Concen: 5.151 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027131.D
 Acq: 25 Sep 2018 14:12

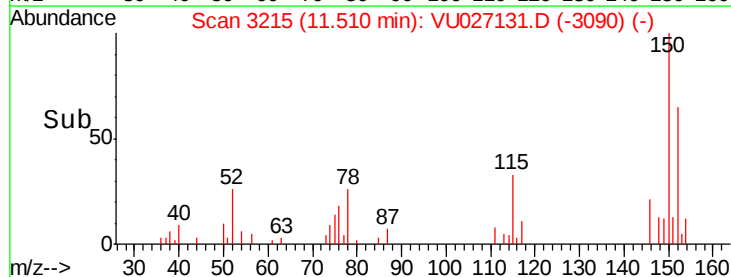
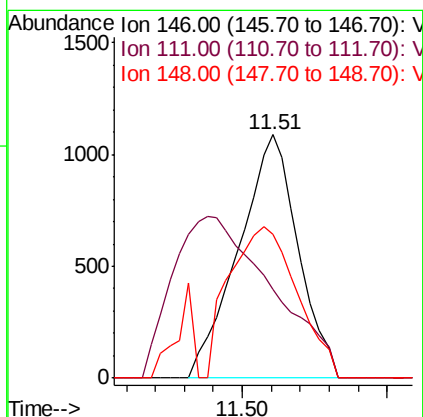
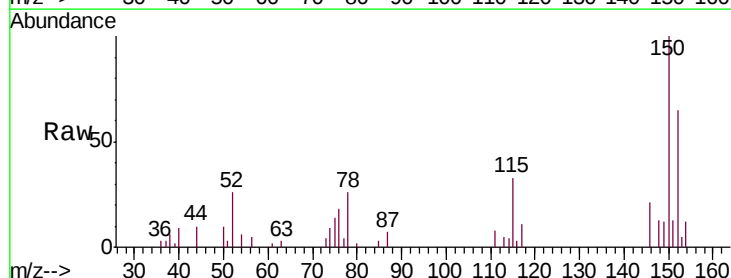
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

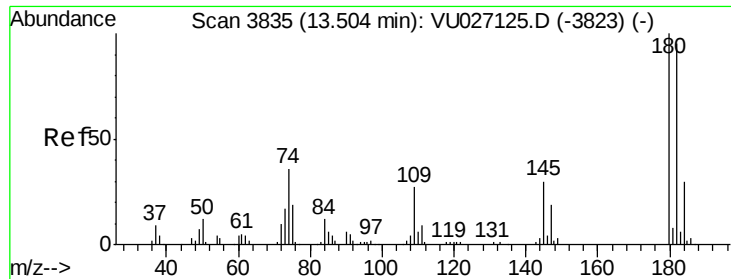
Tgt Ion: 75 Resp: 12423
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.6 38.4



#63
 1,4-Dichlorobenzene
 Concen: 0.590 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027131.D
 Acq: 25 Sep 2018 14:12

Tgt Ion: 146 Resp: 1548
 Ion Ratio Lower Upper
 146 100
 111 36.6 28.5 52.9
 148 59.2 43.8 81.4

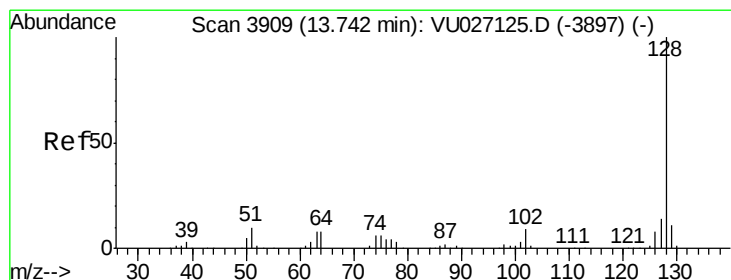
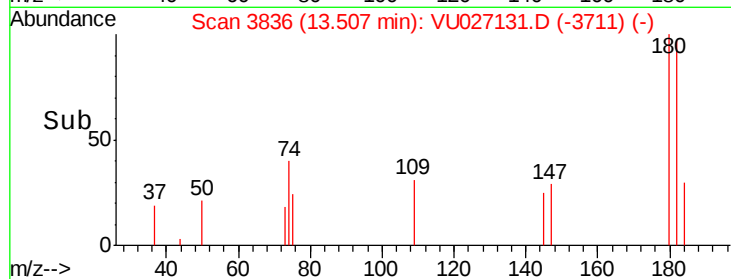
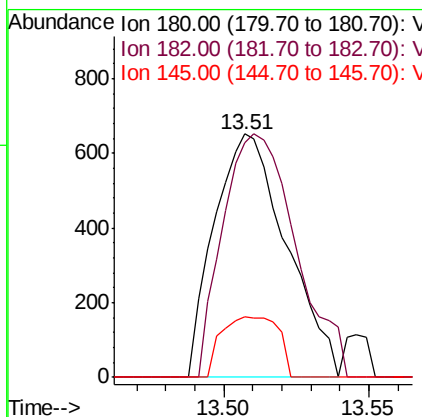
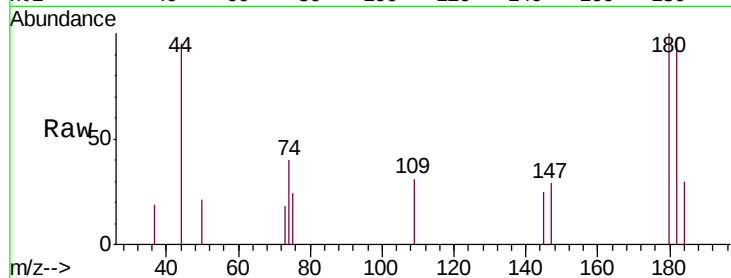




#68
 1,2,4-trichlorobenzene
 Concen: 0.732 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027131.D
 Acq: 25 Sep 2018 14:12

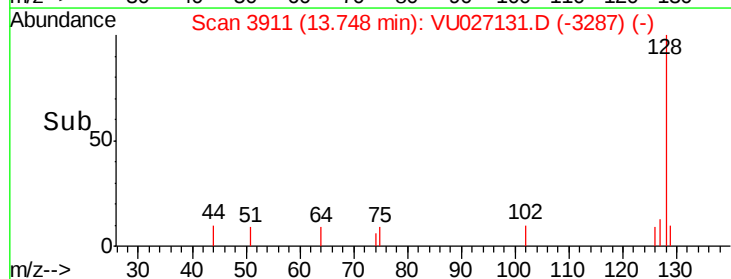
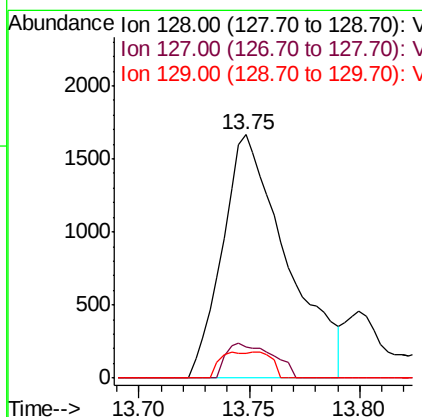
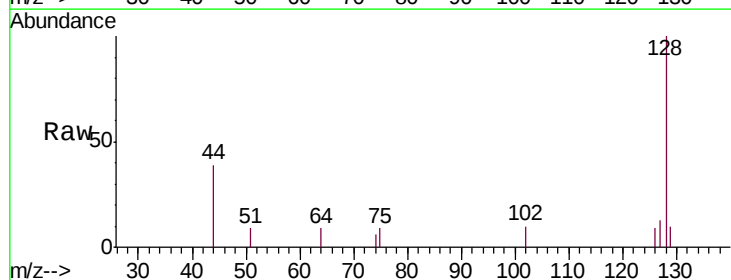
Instrument :
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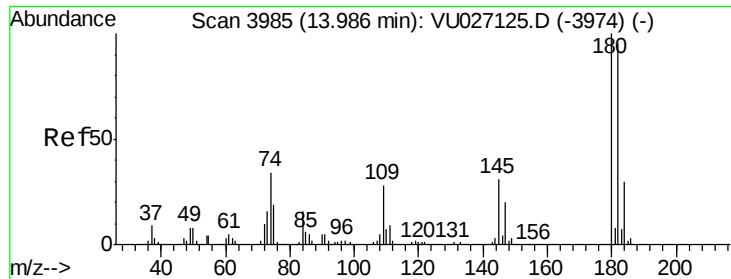
Tgt Ion:180 Resp: 1125
 Ion Ratio Lower Upper
 180 100
 182 101.4 76.4 114.6
 145 19.6 24.3 36.5#



#69
 Naphthalene
 Concen: 0.645 ug/L
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU027131.D
 Acq: 25 Sep 2018 14:12

Tgt Ion:128 Resp: 3364
 Ion Ratio Lower Upper
 128 100
 127 10.3 10.7 16.1#
 129 3.5 8.6 13.0#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.689 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU027131.D
 Acq: 25 Sep 2018 14:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	109.0	77.0	115.4
145	17.2	25.6	38.4

