

Data File : VU028934.D
Acq On : 24 Dec 2018 09:52
Operator : MD/SY
Sample : VU1224MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Quant Time: Dec 25 00:05:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	252011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103860	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82191	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.36%
7) Chloroethane-d5	1.67	69	70556	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.42%
11) 1,1-Dichloroethene-d2	2.27	63	122669	36.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.20%
21) 2-Butanone-d5	4.17	46	133404	94.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.25%
24) Chloroform-d	4.65	84	153246	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	5.31	65	98629	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.34	84	338911	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
36) 1,2-Dichloropropane-d6	6.33	67	113073	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.60%
41) Toluene-d8	7.56	98	316320	53.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	7.85	79	52557	53.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.44%
47) 2-Hexanone-d5	8.31	63	113363	108.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156918	51.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	117568	55.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.94%

Target Compounds

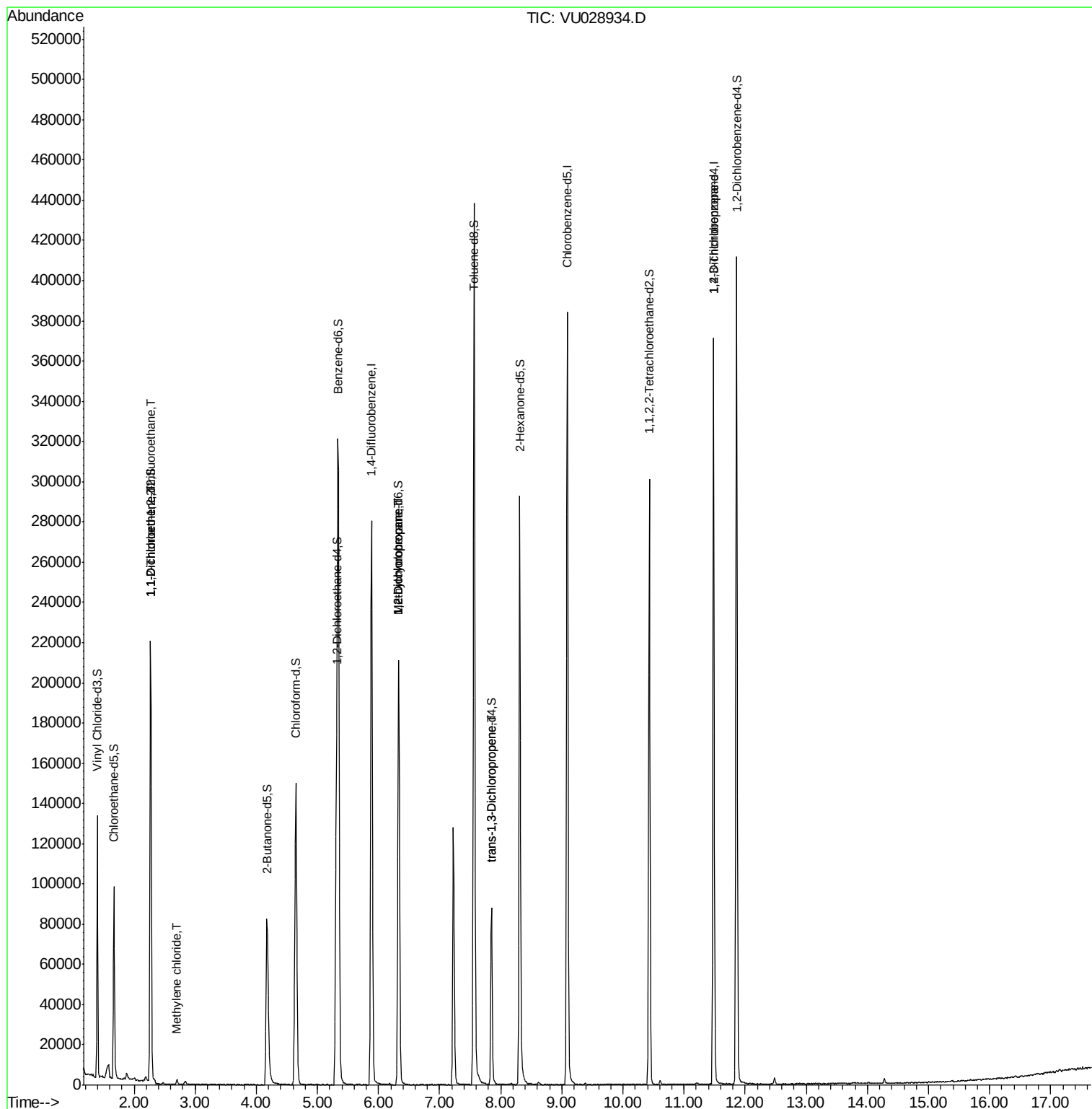
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1111	0.680 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1062	0.657 ug/L #	1
16) Methylene chloride	2.70	84	1280	0.642 ug/L	88
35) Methylcyclohexane	6.33	83	25171	8.562 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10776	5.273 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1878	0.723 ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	11815	4.844 ug/L	95

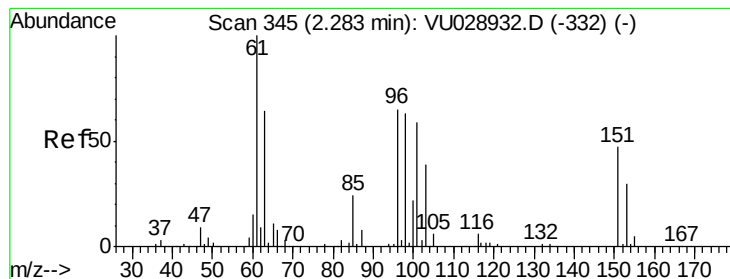
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.680 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028934.D

Acq: 24 Dec 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VBLK45

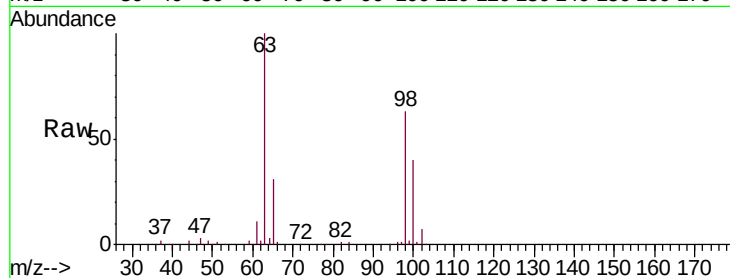
Tgt Ion:101 Resp: 1111

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

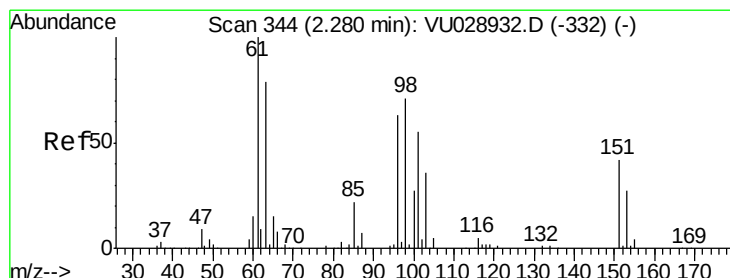
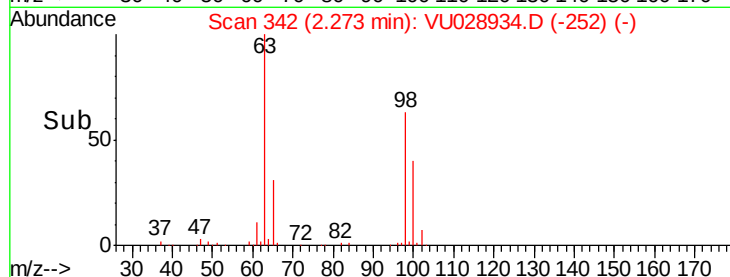
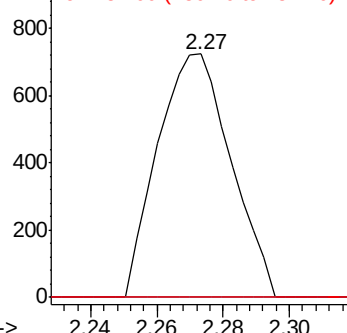
151 0.0 59.4 89.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.657 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028934.D

Acq: 24 Dec 2018 09:52

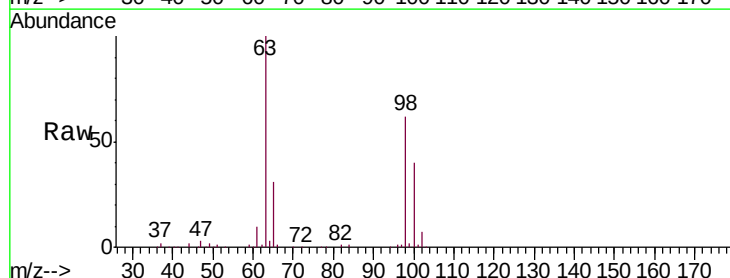
Tgt Ion: 96 Resp: 1062

Ion Ratio Lower Upper

96 100

61 1243.2 119.3 221.5#

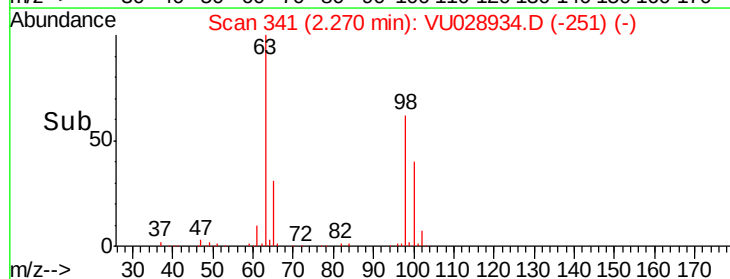
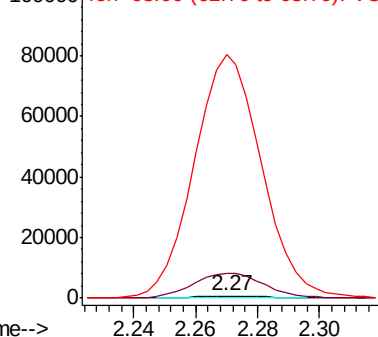
63 11934.7 107.4 199.6#

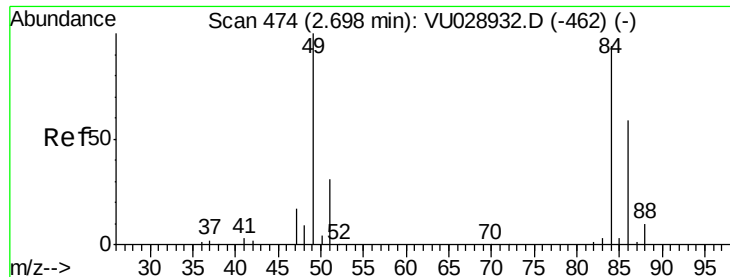


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

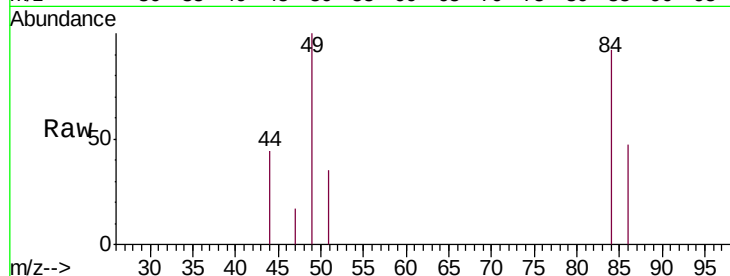




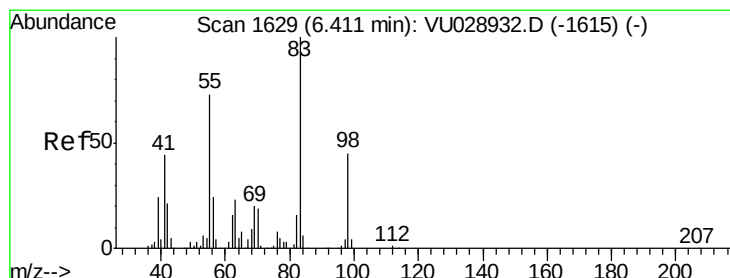
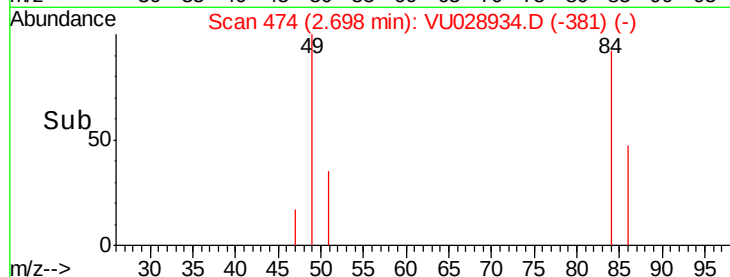
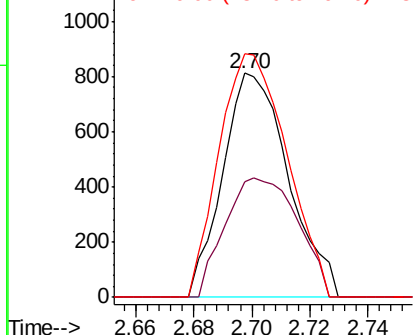
#16
Methylene chloride
Concen: 0.642 ug/L
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU028934.D
Acq: 24 Dec 2018 09:52

Instrument :
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ClientSampleId :
VBLK45

Tgt Ion: 84 Resp: 1280
Ion Ratio Lower Upper
84 100
86 51.3 44.9 83.3
49 108.5 83.9 155.7

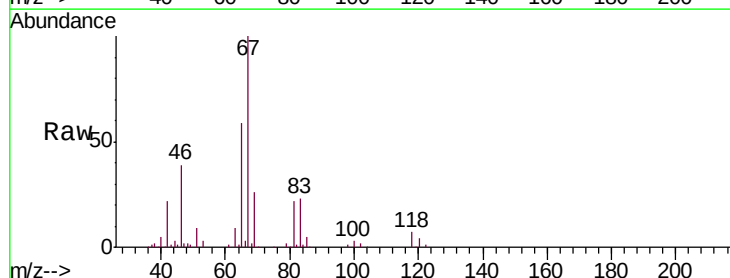


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

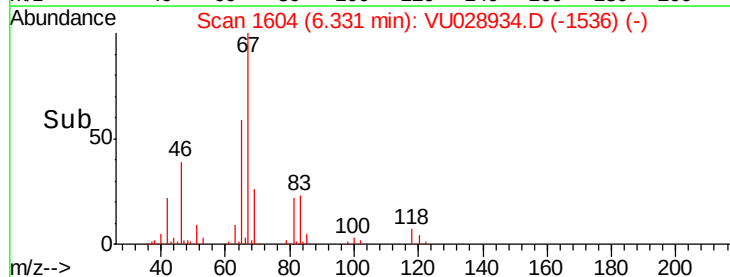
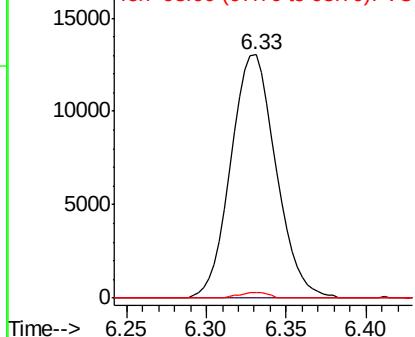


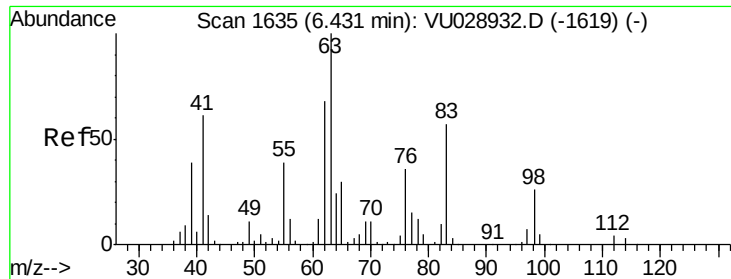
#35
Methylcyclohexane
Concen: 8.562 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028934.D
Acq: 24 Dec 2018 09:52

Tgt Ion: 83 Resp: 25171
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 1.4 35.6 53.4#



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

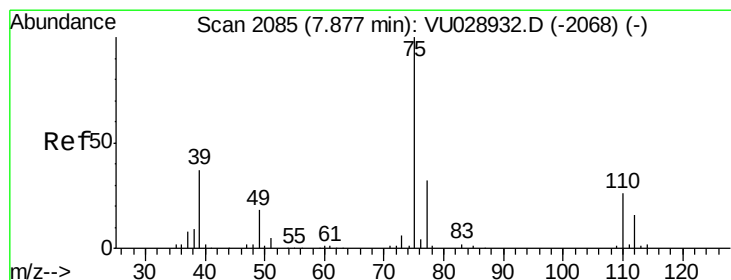
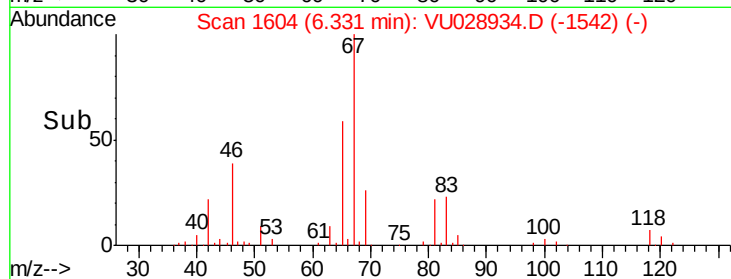
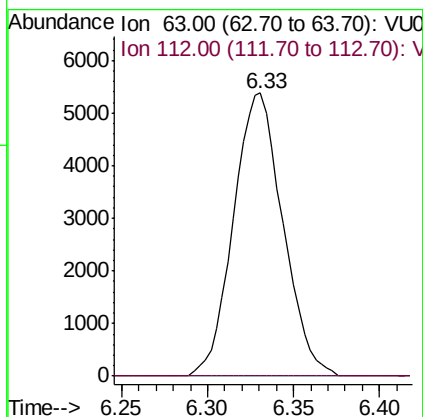
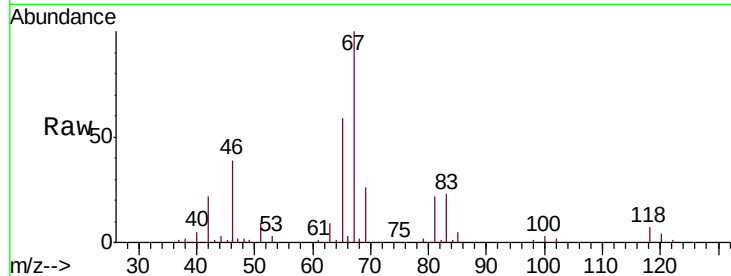




#37
 1,2-Dichloropropane
 Concen: 5.273 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028934.D
 Acq: 24 Dec 2018 09:52

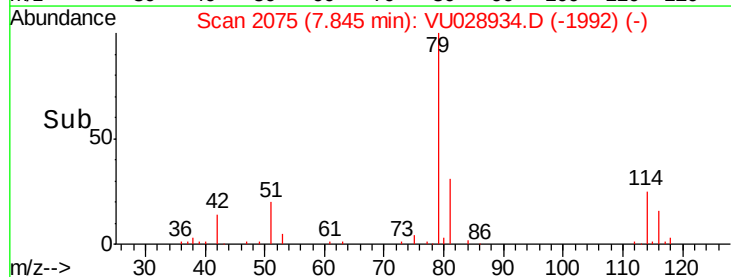
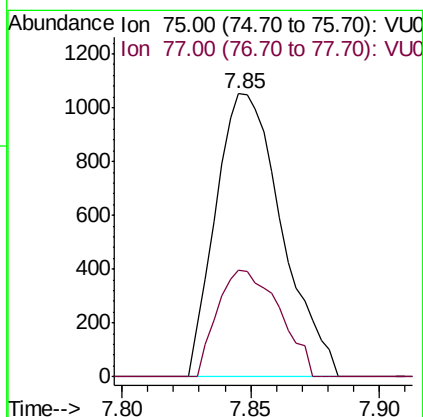
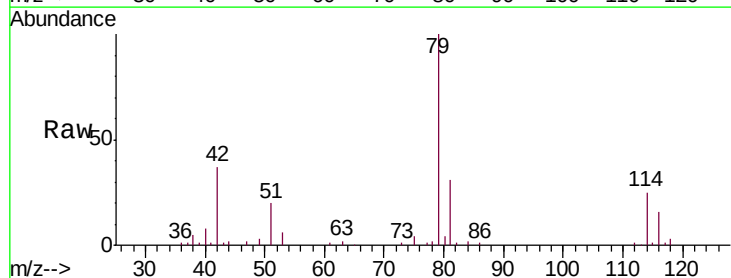
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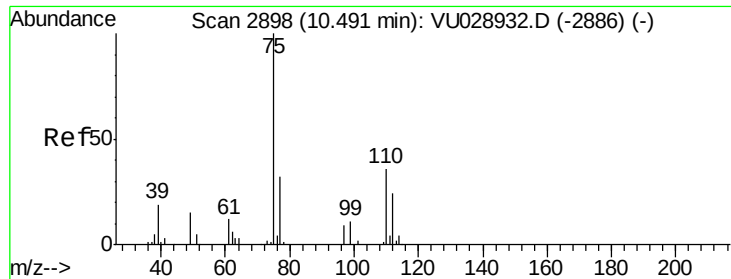
Tgt Ion: 63 Resp: 10776
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.723 ug/L
 RT: 7.85 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: VU028934.D
 Acq: 24 Dec 2018 09:52

Tgt Ion: 75 Resp: 1878
 Ion Ratio Lower Upper
 75 100
 77 37.5 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 4.844 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028934.D

Acq: 24 Dec 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VBLK45

Tgt Ion: 75 Resp: 11815

Ion Ratio Lower Upper

75 100

77 34.5 25.5 38.3

