

Data File : VU029073.D
Acq On : 07 Jan 2019 21:53
Operator : MD/SY
Sample : K1051-06
Misc : 6.29g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9X4

Quant Time: Jan 08 03:18:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194657	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86071	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61355	39.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.64%
7) Chloroethane-d5	1.64	69	39221	32.54	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.08%#
11) 1,1-Dichloroethene-d2	2.22	63	80624	30.72	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.44%
21) 2-Butanone-d5	4.20	46	100214	91.66	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.64	84	104380	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	5.30	65	68176	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
32) Benzene-d6	5.33	84	226440	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
36) 1,2-Dichloropropane-d6	6.32	67	79102	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.64%
41) Toluene-d8	7.56	98	199281	40.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.88%
43) trans-1,3-Dichloropropene-	7.85	79	33964	41.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.06%
47) 2-Hexanone-d5	8.32	63	77886	88.77	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.77%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	122739	47.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	77963	44.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.58%

Target Compounds

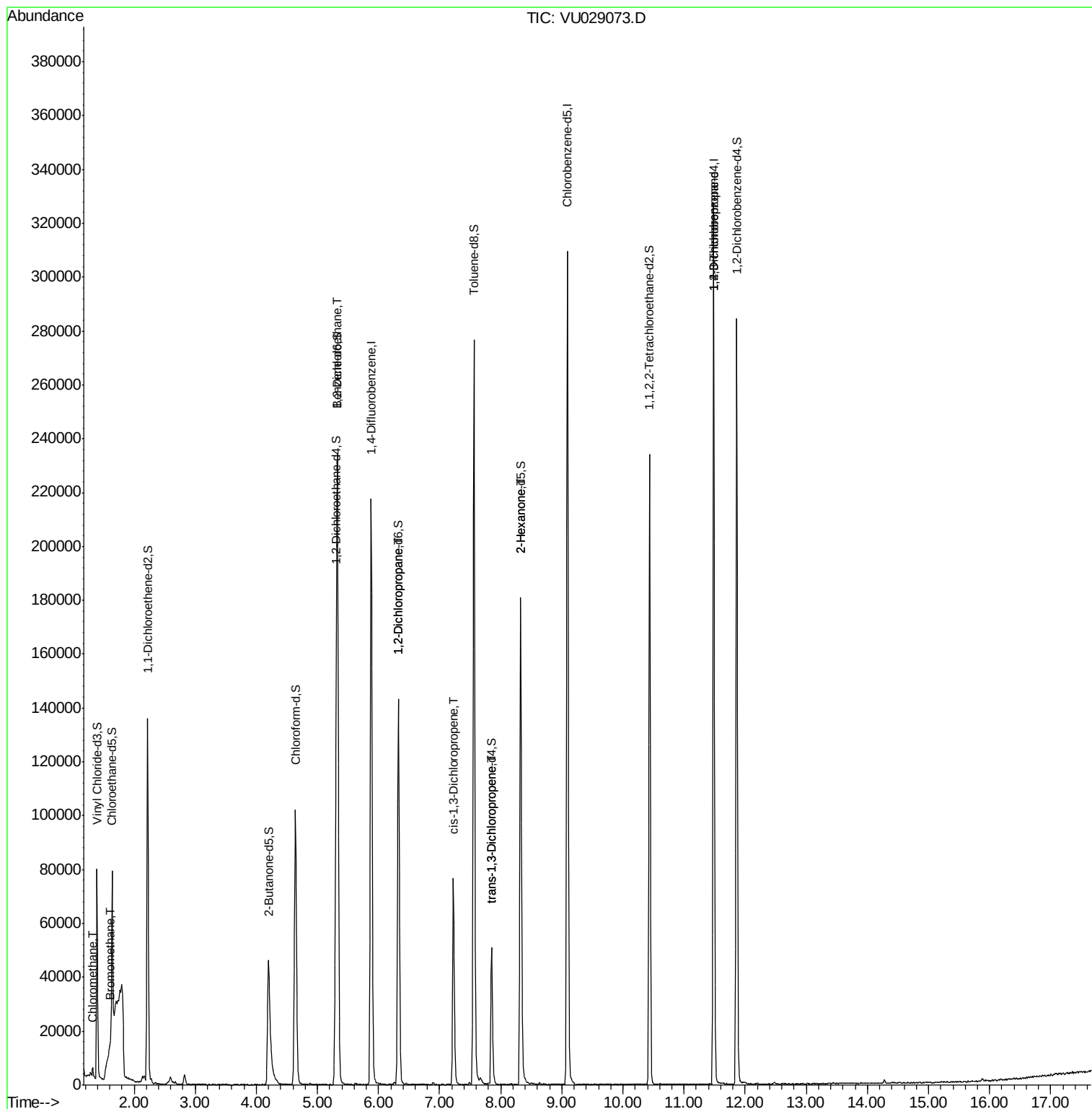
					Qvalue
3) Chloromethane	1.32	50	2595	1.202 ug/L	95
6) Bromomethane	1.60	94	625	0.770 ug/L	100
27) 1,2-Dichloroethane	5.33	62	1189	0.639 ug/L #	74
37) 1,2-Dichloropropane	6.32	63	7486	4.370 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1713	0.701 ug/L #	49
44) trans-1,3-Dichloropropene	7.85	75	1294	0.594 ug/L	89
48) 2-Hexanone	8.32	43	8504	4.500 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	11062	5.411 ug/L	100

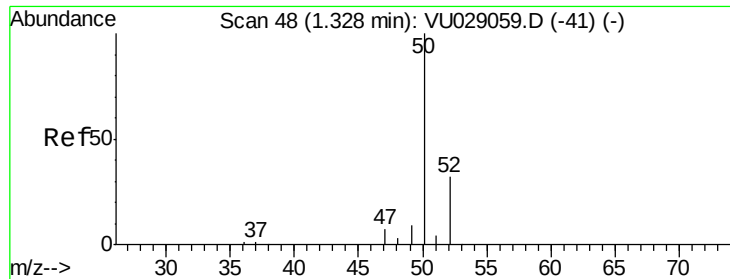
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029073.D
Acq On : 07 Jan 2019 21:53
Operator : MD/SY
Sample : K1051-06
Misc : 6.29g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9X4

Quant Time: Jan 08 03:18:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.202 ug/L

RT: 1.32 min Scan# 45

Delta R.T. -0.01 min

Lab File: VU029073.D

Acq: 07 Jan 2019 21:53

Instrument :

MSVOA_U

ClientSampleId :

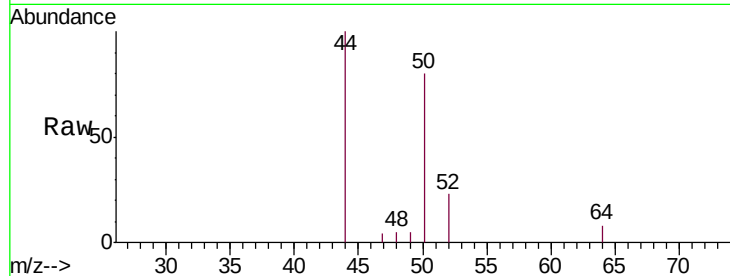
BE9X4

Tgt Ion: 50 Resp: 2595

Ion Ratio Lower Upper

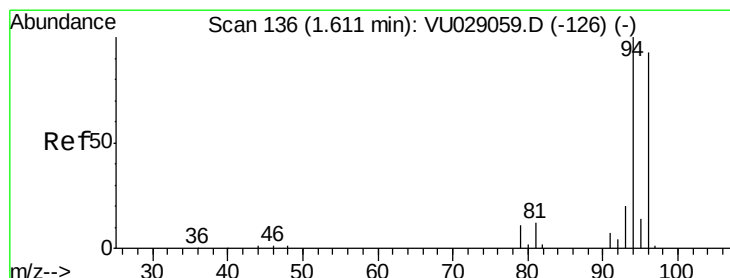
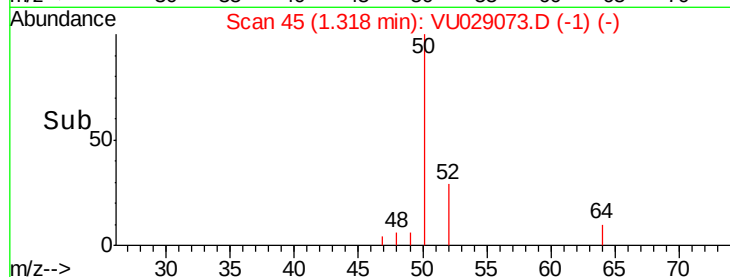
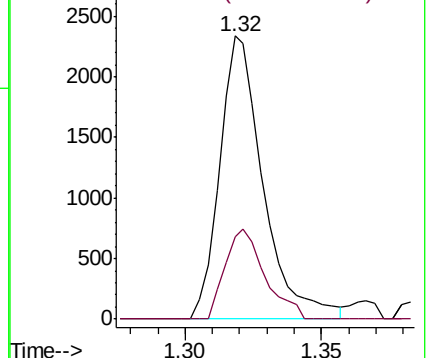
50 100

52 28.9 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 0.770 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU029073.D

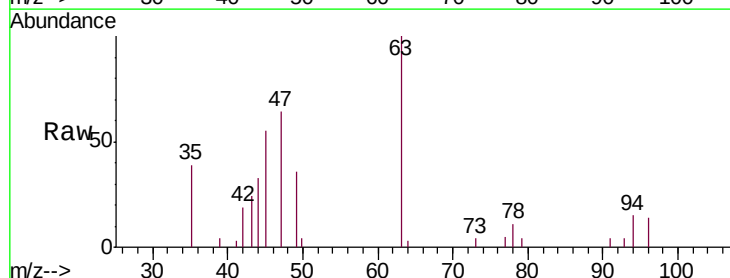
Acq: 07 Jan 2019 21:53

Tgt Ion: 94 Resp: 625

Ion Ratio Lower Upper

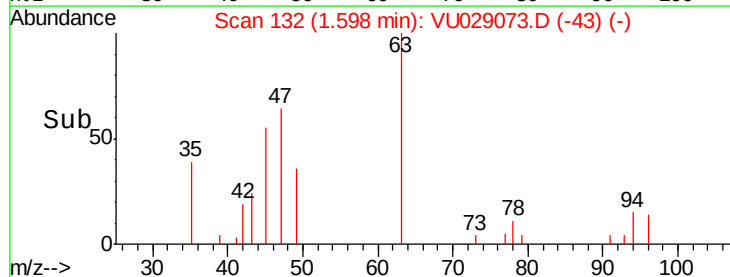
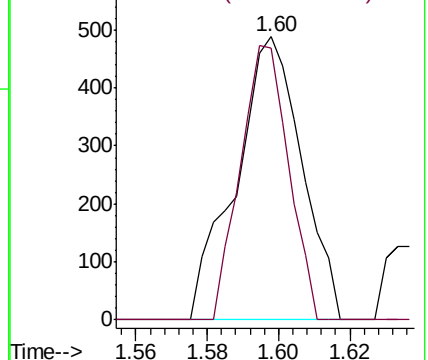
94 100

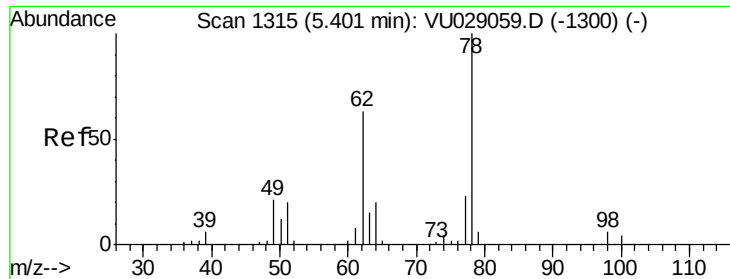
96 96.3 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

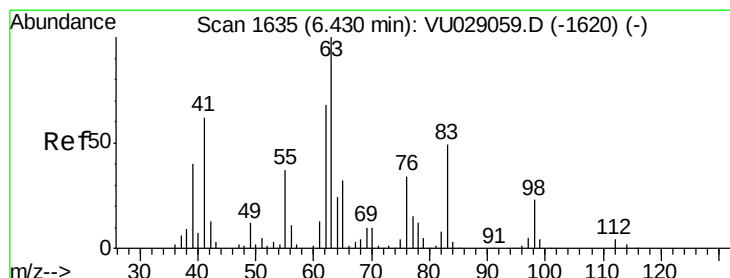
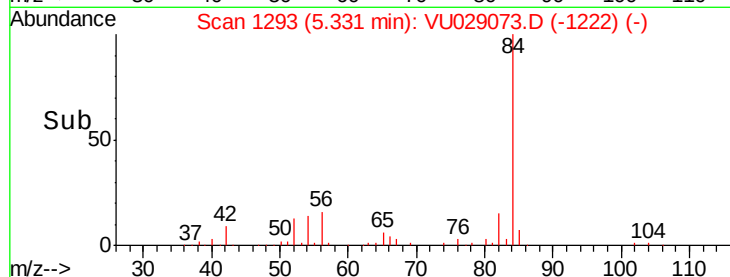
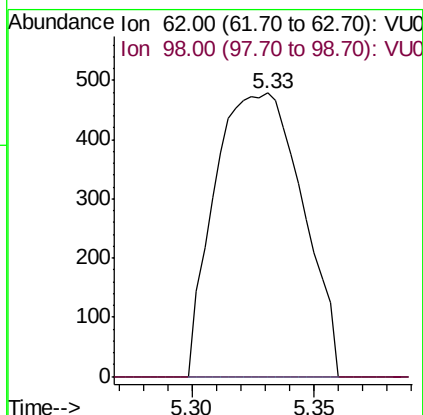
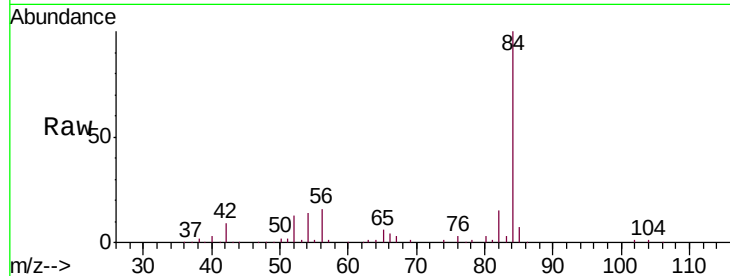




#27
 1,2-Dichloroethane
 Concen: 0.639 ug/L
 RT: 5.33 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: VU029073.D
 Acq: 07 Jan 2019 21:53

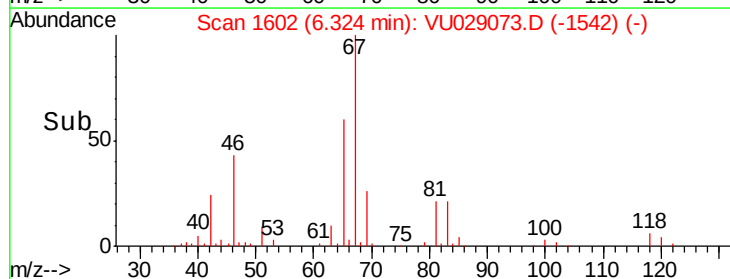
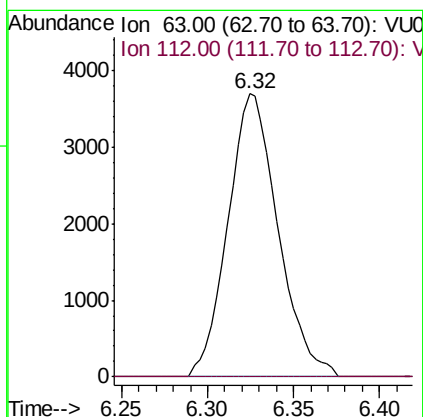
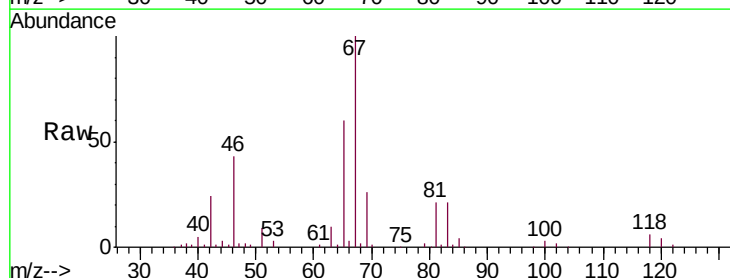
Instrument :
 MSVOA_U
 ClientSampleId :
 BE9X4

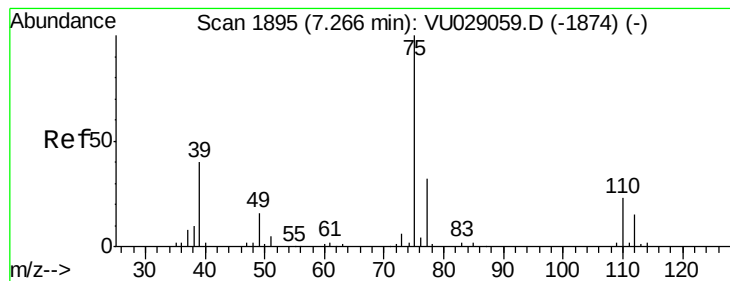
Tgt Ion: 62 Resp: 1189
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#37
 1,2-Dichloropropane
 Concen: 4.370 ug/L
 RT: 6.32 min Scan# 1602
 Delta R.T. -0.11 min
 Lab File: VU029073.D
 Acq: 07 Jan 2019 21:53

Tgt Ion: 63 Resp: 7486
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



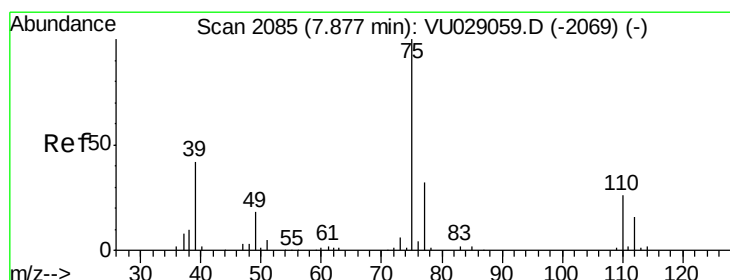
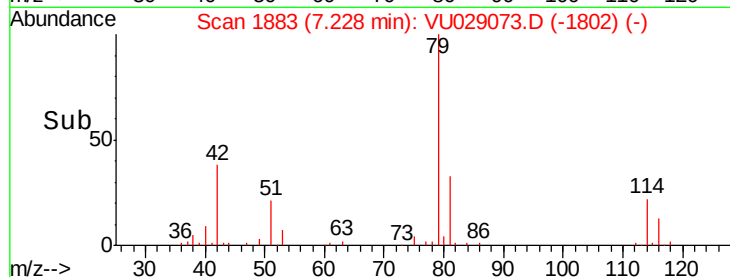
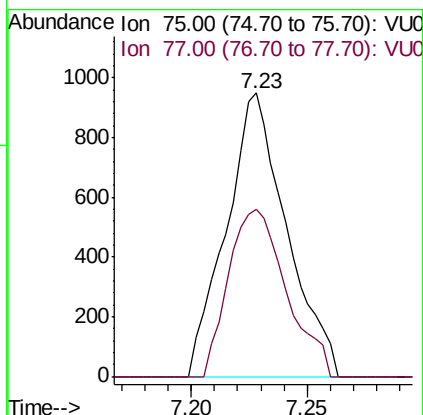
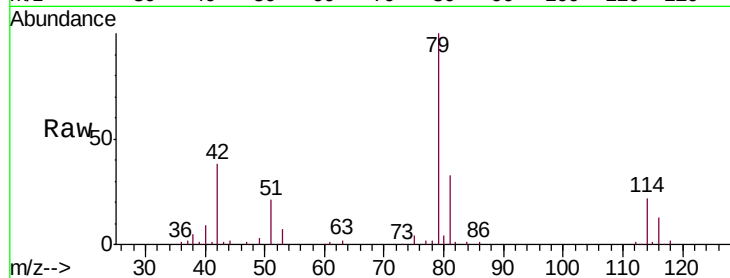


#39

cis-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU029073.D
Acq: 07 Jan 2019 21:53

Instrument :
MSVOA_U
ClientSampled :
BE9X4

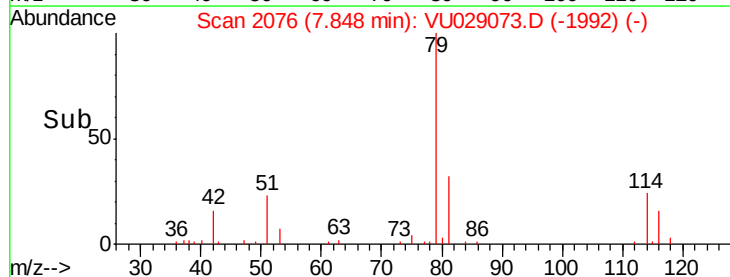
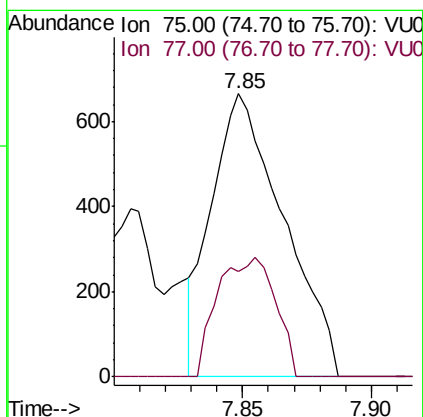
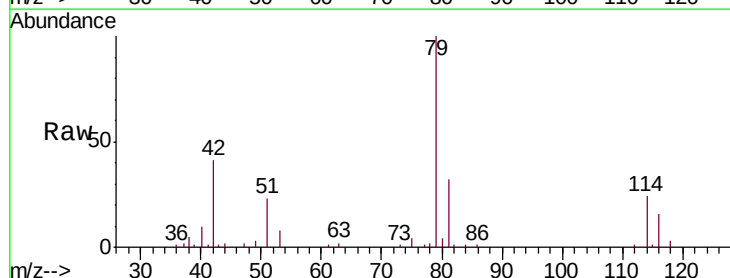
Tgt Ion: 75 Resp: 1713
Ion Ratio Lower Upper
75 100
77 59.2 21.8 40.6#

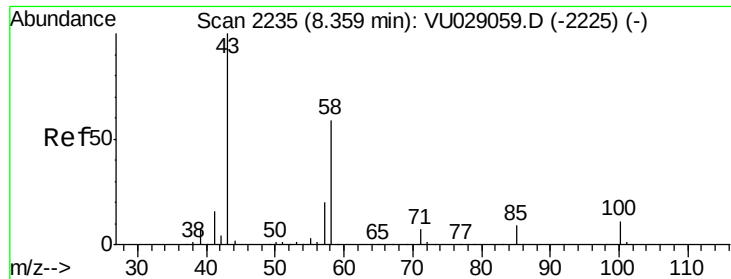


#44

trans-1,3-Dichloropropene
Concen: 0.594 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU029073.D
Acq: 07 Jan 2019 21:53

Tgt Ion: 75 Resp: 1294
Ion Ratio Lower Upper
75 100
77 37.3 21.8 40.6

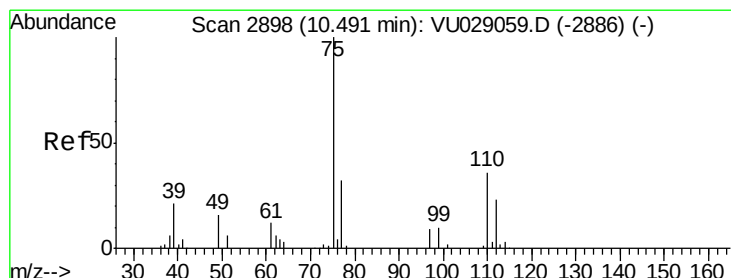
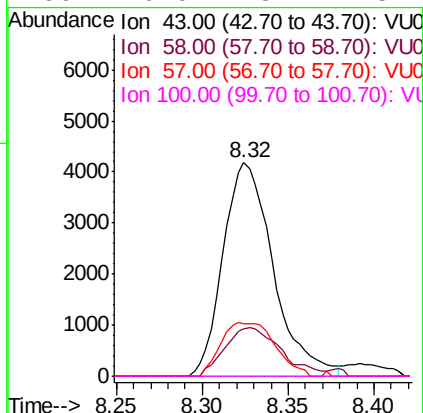
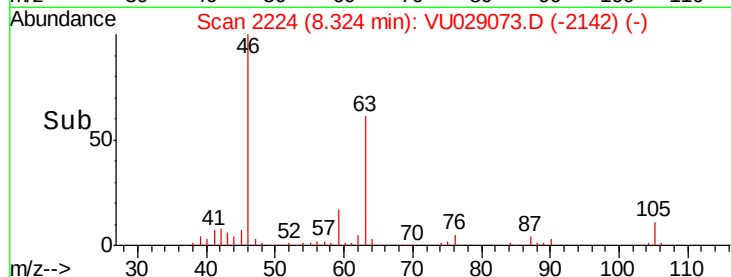
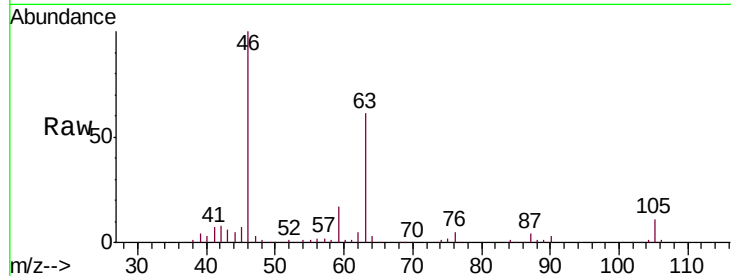




#48
2-Hexanone
Concen: 4.500 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU029073.D
Acq: 07 Jan 2019 21:53

Instrument :
MSVOA_U
ClientSampled :
BE9X4

Tgt Ion: 43 Resp: 8504
Ion Ratio Lower Upper
43 100
58 25.3 45.9 68.9#
57 15.0 15.0 22.4#
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.411 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU029073.D
Acq: 07 Jan 2019 21:53

Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

