

Data File : VU029074.D
Acq On : 07 Jan 2019 22:17
Operator : MD/SY
Sample : K1051-10
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9X8

Quant Time: Jan 08 03:18:16 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	195543	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62235	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.40%
7) Chloroethane-d5	1.64	69	41814	34.53	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.06%#
11) 1,1-Dichloroethene-d2	2.22	63	82385	31.25	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.50%
21) 2-Butanone-d5	4.20	46	101628	92.53	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.53%
24) Chloroform-d	4.64	84	107997	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
26) 1,2-Dichloroethane-d4	5.30	65	69290	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
32) Benzene-d6	5.33	84	235295	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.44%
36) 1,2-Dichloropropane-d6	6.32	67	82789	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.54%
41) Toluene-d8	7.56	98	207880	42.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.28%
43) trans-1,3-Dichloropropene-	7.85	79	35430	42.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.52%
47) 2-Hexanone-d5	8.32	63	78055	88.87	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.87%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	126337	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	81445	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

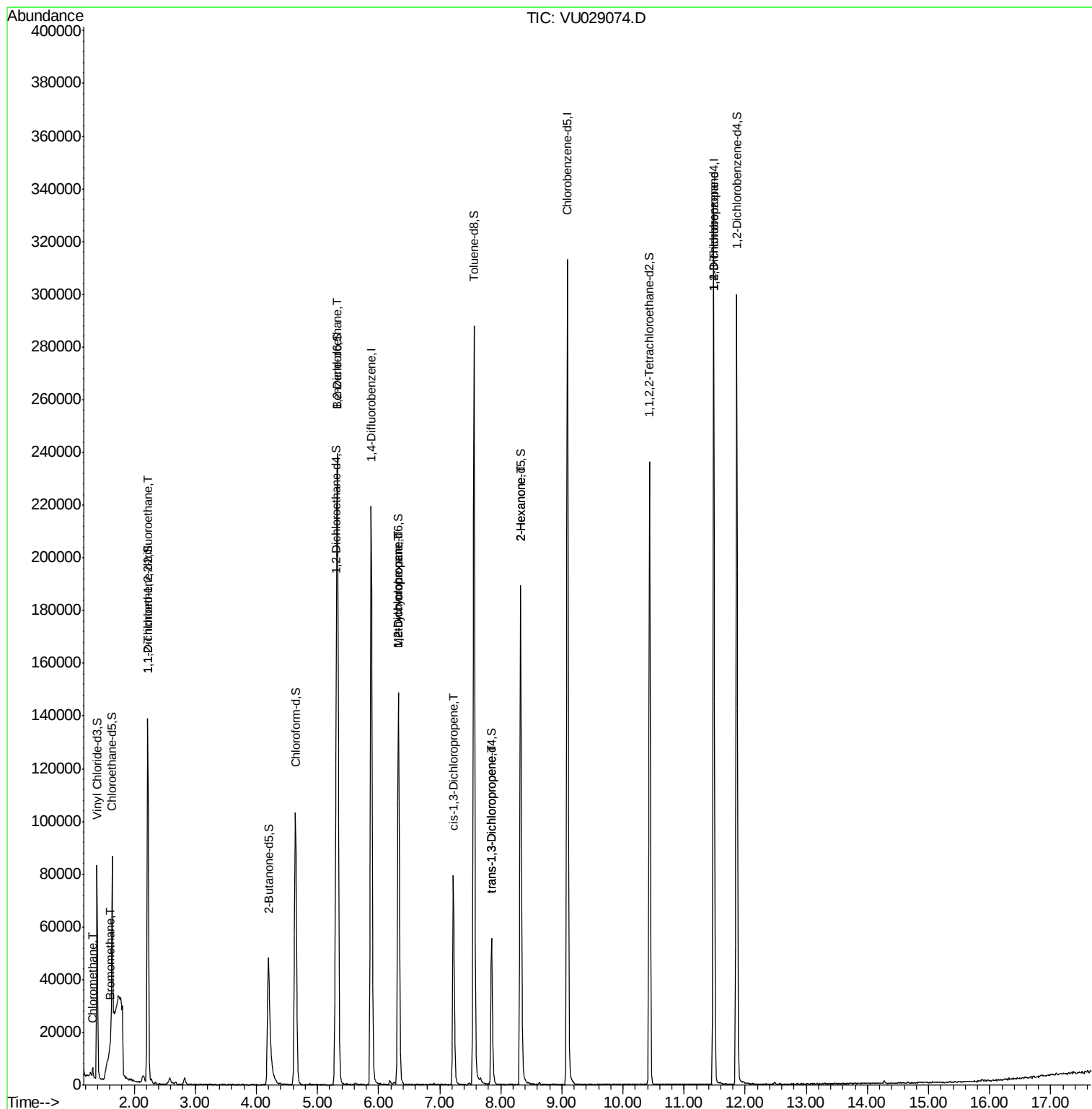
					Qvalue
3) Chloromethane	1.32	50	2750	1.268	ug/L 95
6) Bromomethane	1.60	94	614	0.753	ug/L 92
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	713	0.563	ug/L # 20
27) 1,2-Dichloroethane	5.32	62	1129	0.604	ug/L # 74
35) Methylcyclohexane	6.32	83	17392	7.051	ug/L # 18
37) 1,2-Dichloropropane	6.32	63	7947	4.634	ug/L # 90
39) cis-1,3-Dichloropropene	7.22	75	1772	0.725	ug/L # 64
44) trans-1,3-Dichloropropene	7.85	75	1392	0.639	ug/L 93
48) 2-Hexanone	8.32	43	8579	4.535	ug/L # 63
59) 1,2,3-Trichloropropane	11.48	75	11306	5.525	ug/L 99

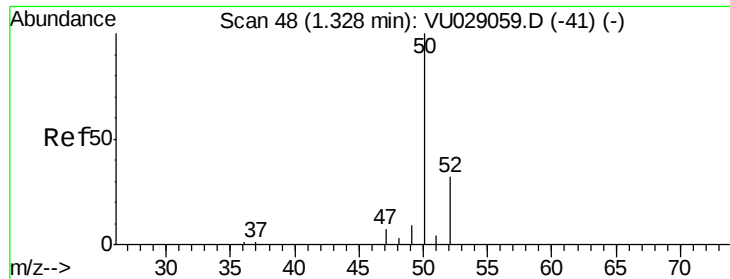
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029074.D
Acq On : 07 Jan 2019 22:17
Operator : MD/SY
Sample : K1051-10
Misc : 5.32g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9X8

Quant Time: Jan 08 03:18:16 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: 1.268 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029074.D

Acq: 07 Jan 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

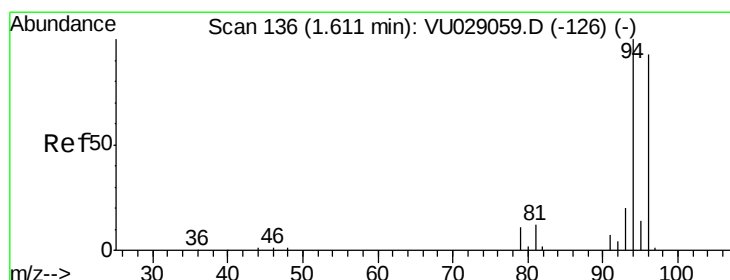
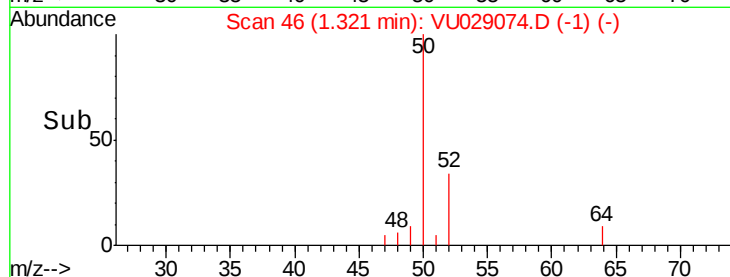
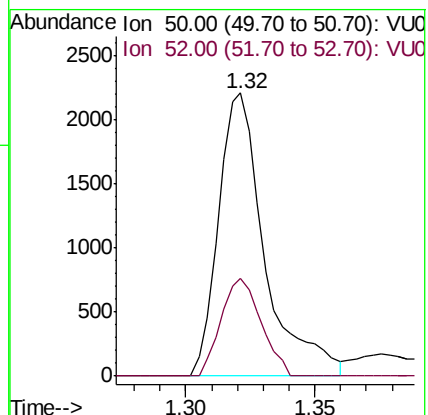
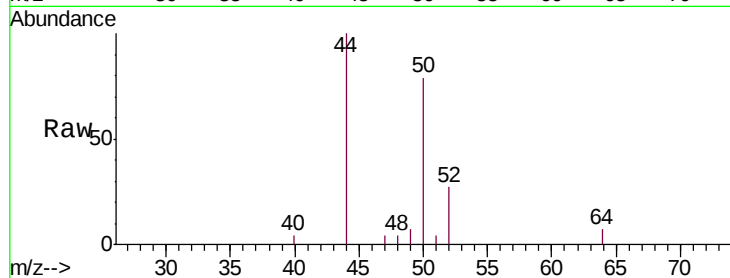
BE9X8

Tgt Ion: 50 Resp: 2750

Ion Ratio Lower Upper

50 100

52 34.5 22.3 41.3



#6

Bromomethane

Concen: 0.753 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU029074.D

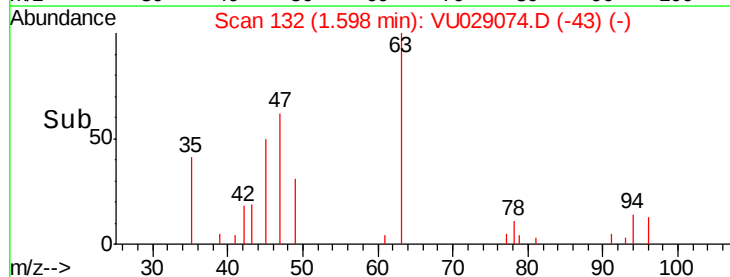
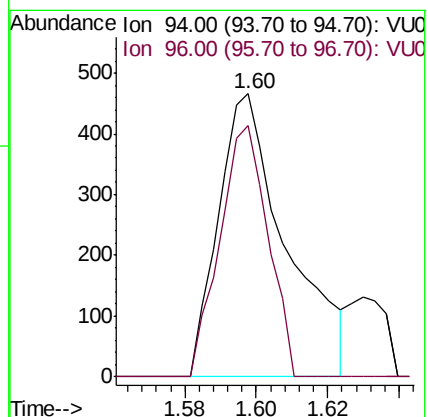
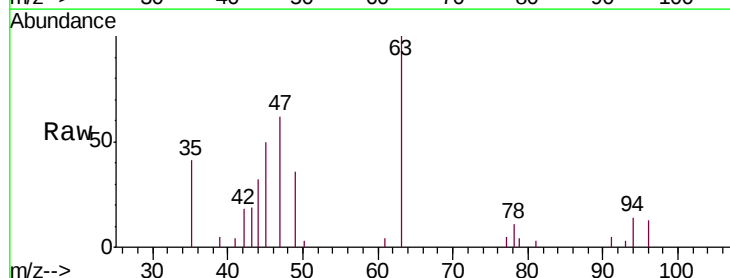
Acq: 07 Jan 2019 22:17

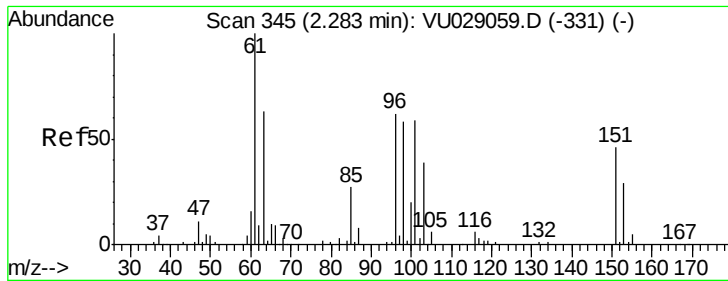
Tgt Ion: 94 Resp: 614

Ion Ratio Lower Upper

94 100

96 88.6 67.3 125.1





#10

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

Concen: 0.563 ug/L

RT: 2.22 min Scan# 325

Delta R.T. -0.06 min

Lab File: VU029074.D

Acq: 07 Jan 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

BE9X8

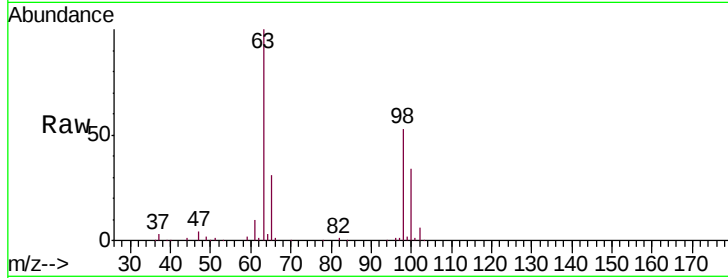
Tgt Ion:101 Resp: 713

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

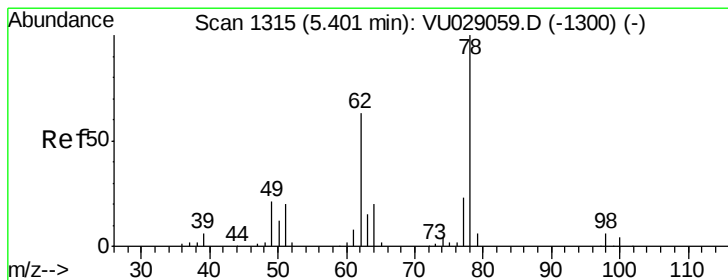
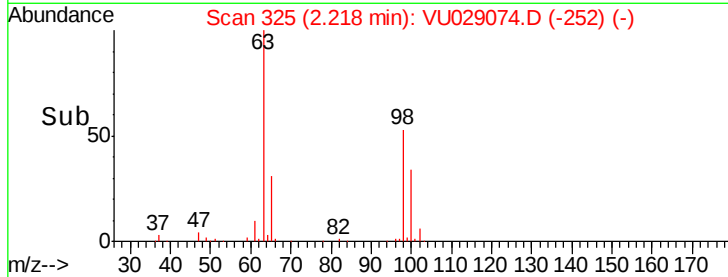
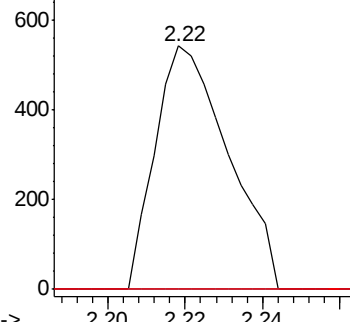
151 0.0 59.4 89.0#



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



#27

1,2-Dichloroethane

Concen: 0.604 ug/L

RT: 5.32 min Scan# 1291

Delta R.T. -0.08 min

Lab File: VU029074.D

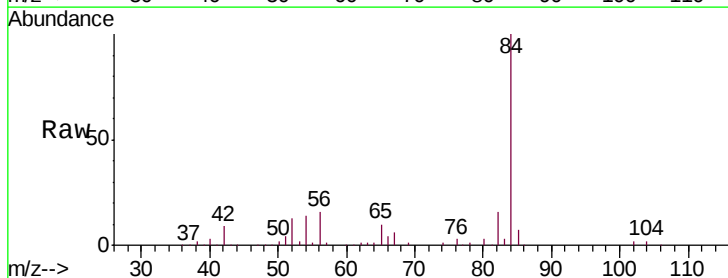
Acq: 07 Jan 2019 22:17

Tgt Ion: 62 Resp: 1129

Ion Ratio Lower Upper

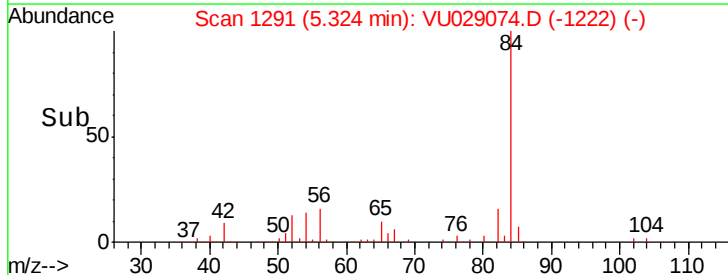
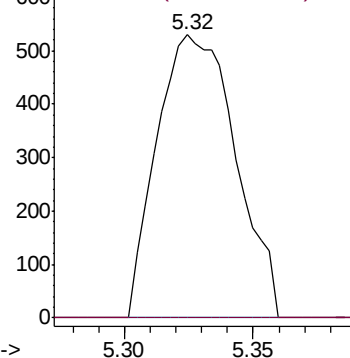
62 100

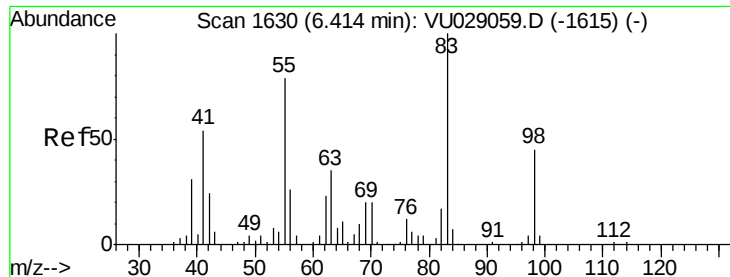
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

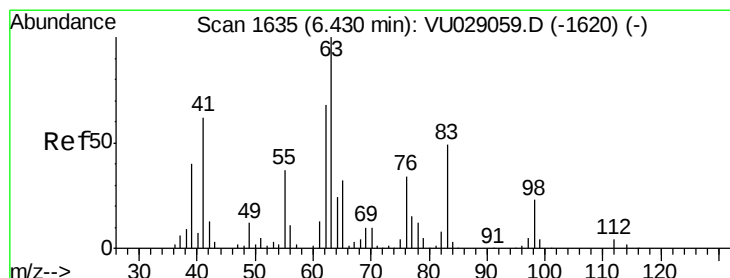
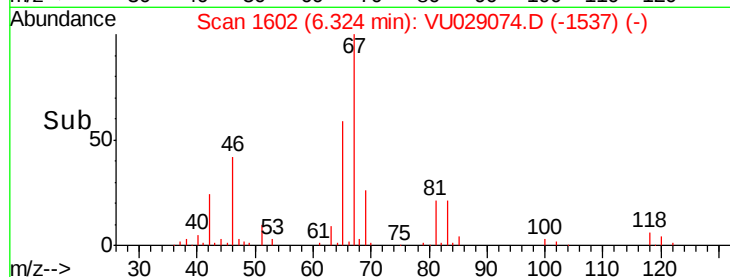
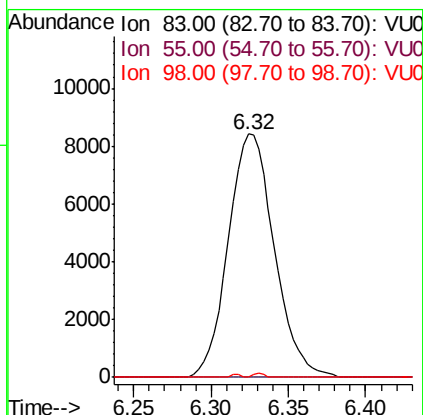
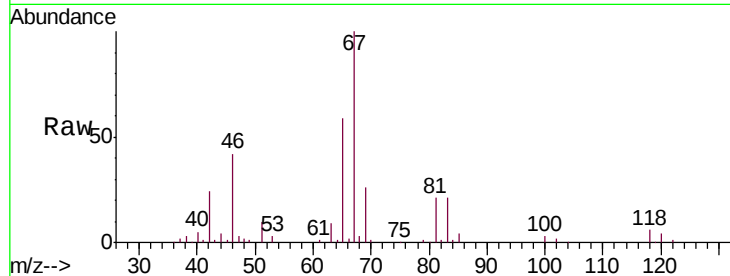




#35
Methylcyclohexane
Concen: 7.051 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.09 min
Lab File: VU029074.D
Acq: 07 Jan 2019 22:17

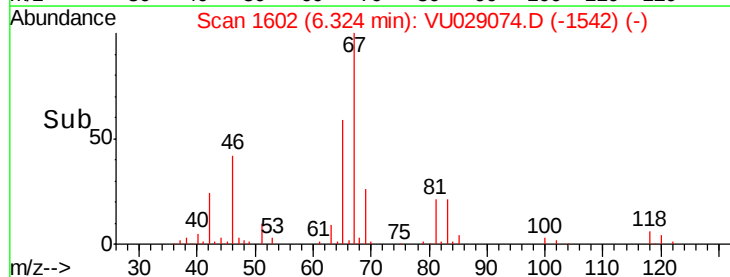
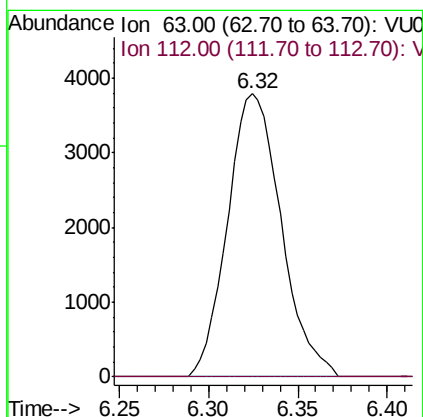
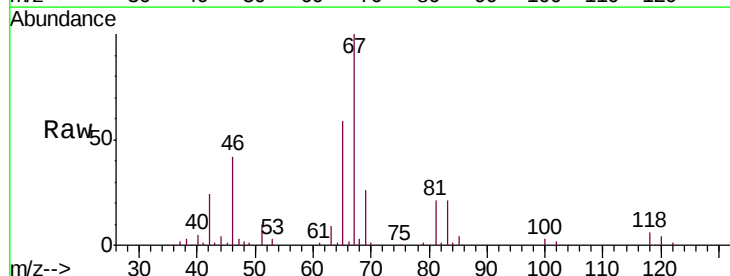
Instrument :
MSVOA_U
ClientSampleId :
BE9X8

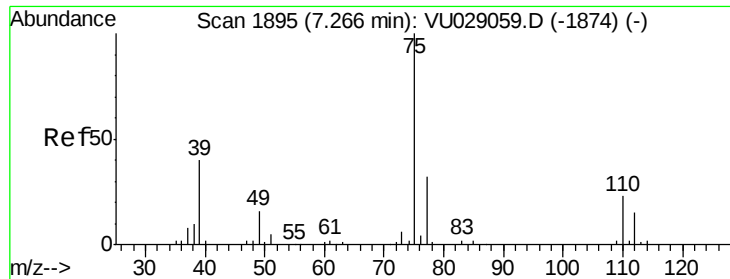
Tgt Ion: 83 Resp: 17392
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 0.4 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 4.634 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.11 min
Lab File: VU029074.D
Acq: 07 Jan 2019 22:17

Tgt Ion: 63 Resp: 7947
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



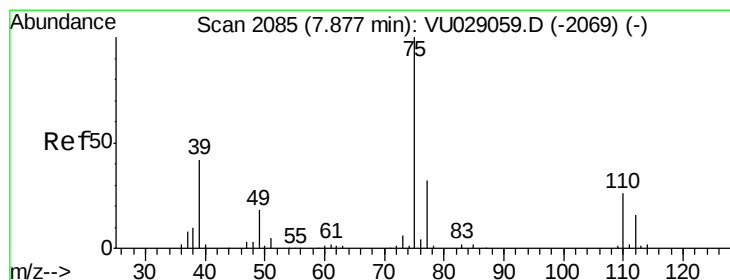
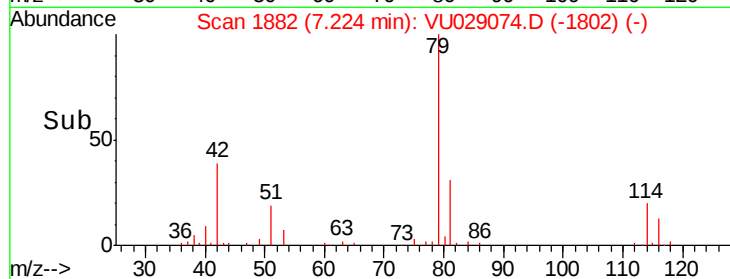
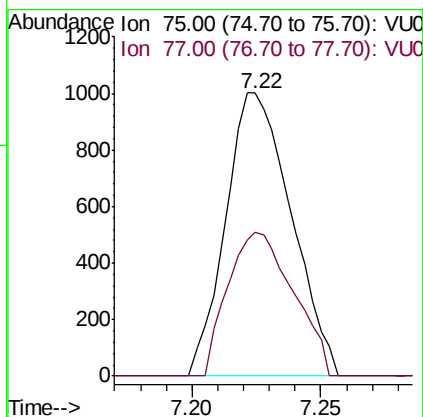
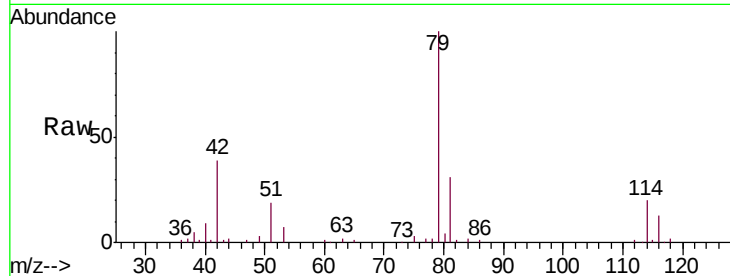


#39

cis-1,3-Dichloropropene
 Concen: 0.725 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029074.D
 Acq: 07 Jan 2019 22:17

Instrument :
 MSVOA_U
 ClientSampleId :
 BE9X8

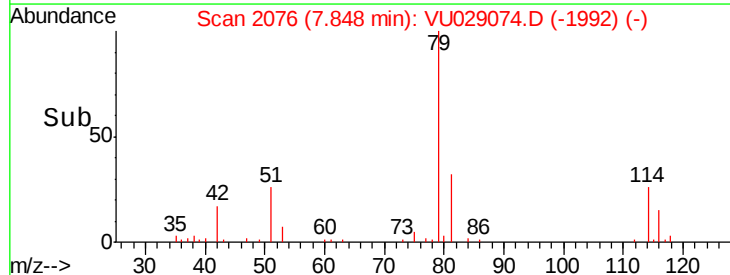
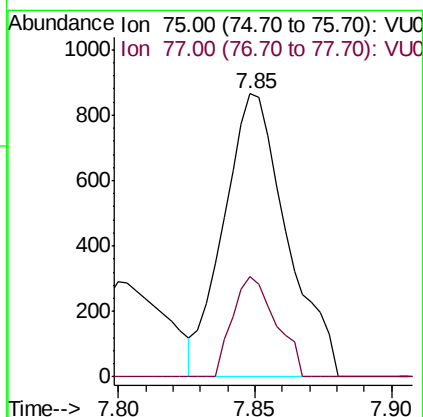
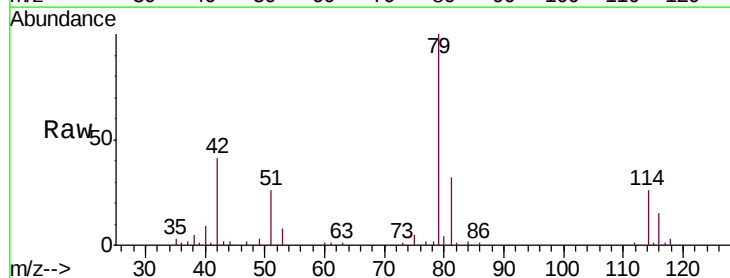
Tgt Ion: 75 Resp: 1772
 Ion Ratio Lower Upper
 75 100
 77 50.8 21.8 40.6#

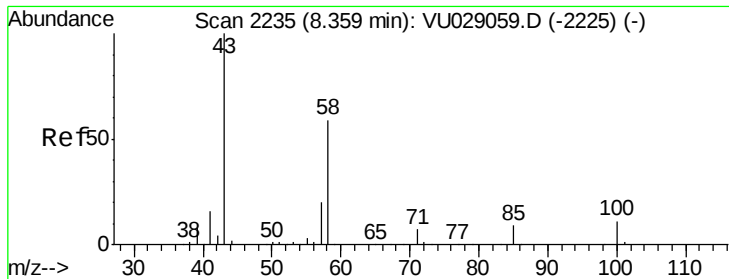


#44

trans-1,3-Dichloropropene
 Concen: 0.639 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU029074.D
 Acq: 07 Jan 2019 22:17

Tgt Ion: 75 Resp: 1392
 Ion Ratio Lower Upper
 75 100
 77 35.3 21.8 40.6

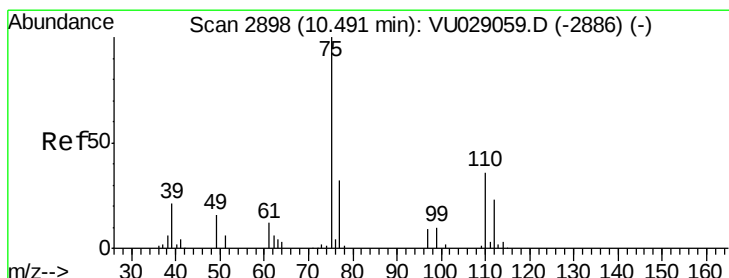
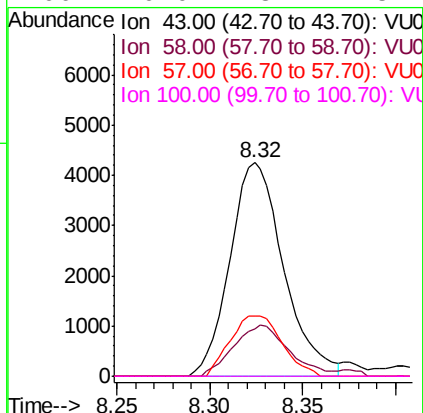
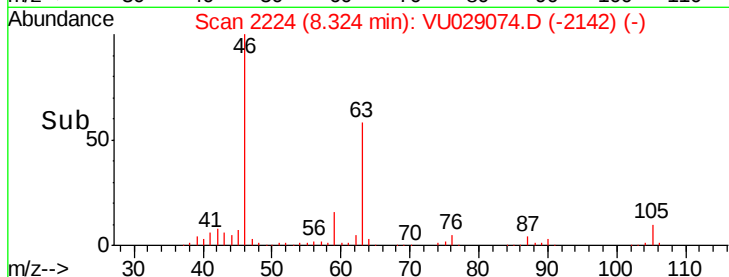
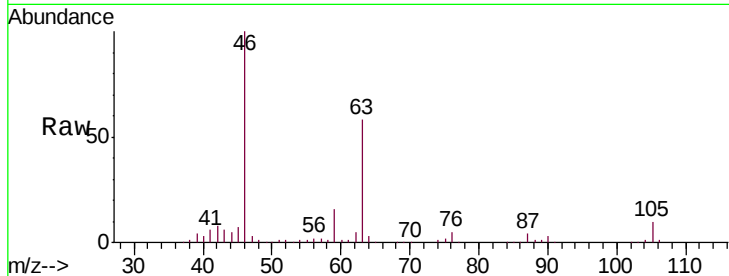




#48
2-Hexanone
Concen: 4.535 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU029074.D
Acq: 07 Jan 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
BE9X8

Tgt Ion: 43 Resp: 8579
Ion Ratio Lower Upper
43 100
58 24.4 45.9 68.9#
57 27.0 15.0 22.4#
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.525 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU029074.D
Acq: 07 Jan 2019 22:17

Tgt Ion: 75 Resp: 11306
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3

