

Data File : VU029070.D
Acq On : 07 Jan 2019 20:40
Operator : MD/SY
Sample : K1050-10
Misc : 5.50g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9W7

Quant Time: Jan 08 03:17:24 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	192535	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86226	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60450	39.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.32%
7) Chloroethane-d5	1.64	69	40562	34.02	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.04%#
11) 1,1-Dichloroethene-d2	2.22	63	78816	30.36	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.72%
21) 2-Butanone-d5	4.20	46	99362	91.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.88%
24) Chloroform-d	4.64	84	104199	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
26) 1,2-Dichloroethane-d4	5.30	65	65565	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
32) Benzene-d6	5.33	84	224753	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
36) 1,2-Dichloropropane-d6	6.32	67	77740	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.60%
41) Toluene-d8	7.56	98	195972	40.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.90%
43) trans-1,3-Dichloropropene-	7.85	79	33722	41.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.88%
47) 2-Hexanone-d5	8.32	63	76094	88.22	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123378	48.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	78490	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%

Target Compounds

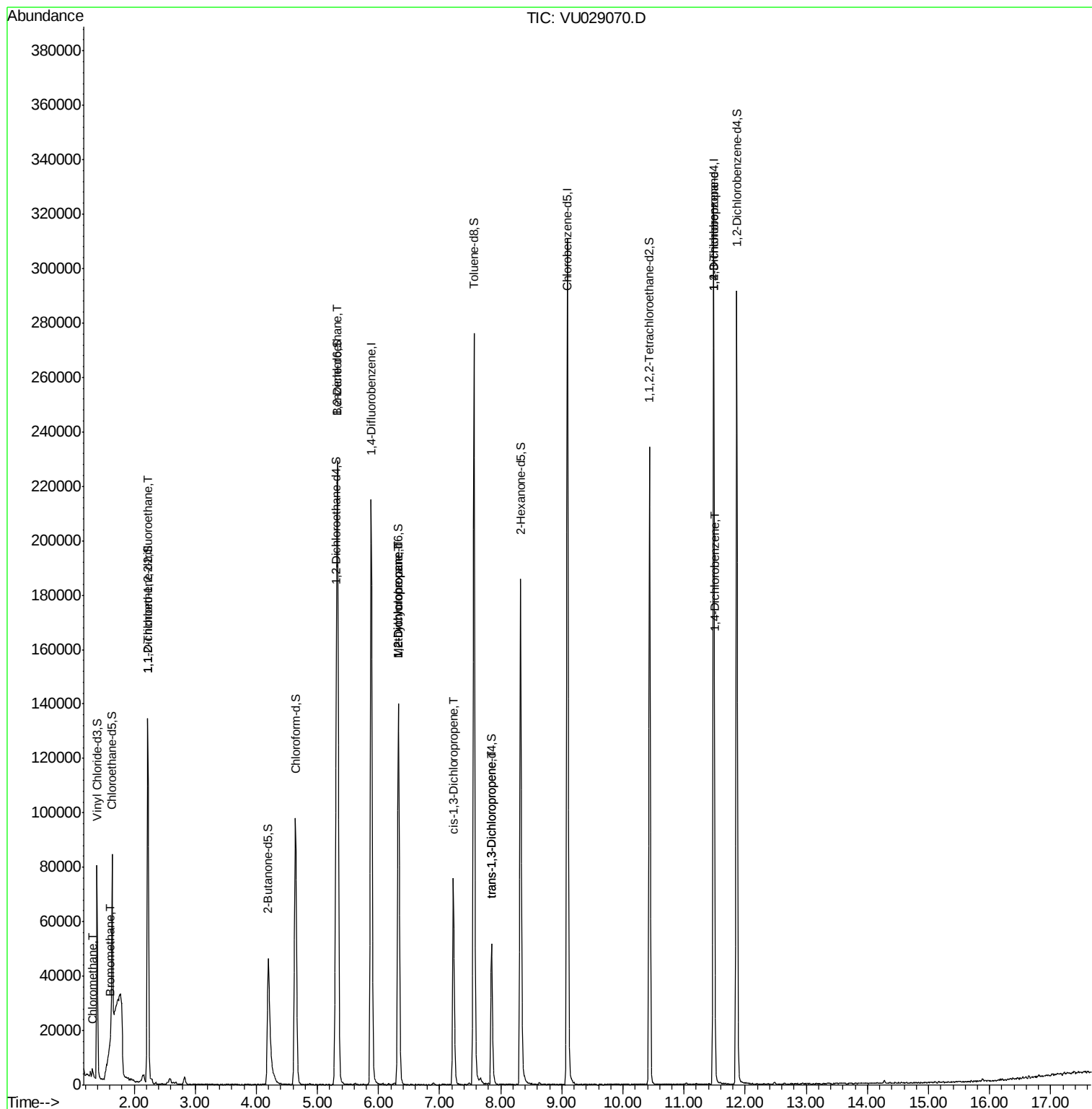
					Qvalue
3) Chloromethane	1.32	50	2567	1.202	ug/L 95
6) Bromomethane	1.60	94	596	0.742	ug/L 80
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	761	0.610	ug/L # 20
27) 1,2-Dichloroethane	5.33	62	1087	0.591	ug/L # 74
35) Methylcyclohexane	6.32	83	16633	6.866	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	7389	4.388	ug/L # 90
39) cis-1,3-Dichloropropene	7.22	75	1719	0.716	ug/L # 34
44) trans-1,3-Dichloropropene	7.85	75	1381	0.645	ug/L 84
59) 1,2,3-Trichloropropane	11.48	75	10434	5.192	ug/L 96
63) 1,4-Dichlorobenzene	11.51	146	1732	0.614	ug/L 96

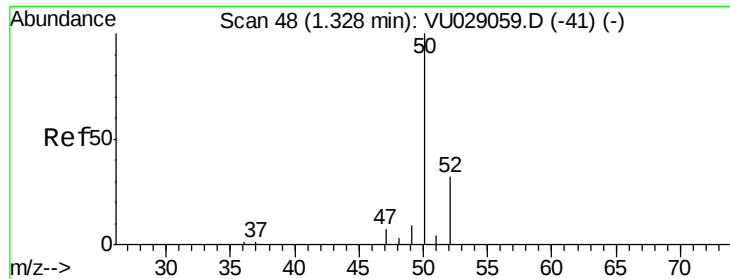
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.202 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029070.D

Acq: 07 Jan 2019 20:40

Instrument :

MSVOA_U

ClientSampleId :

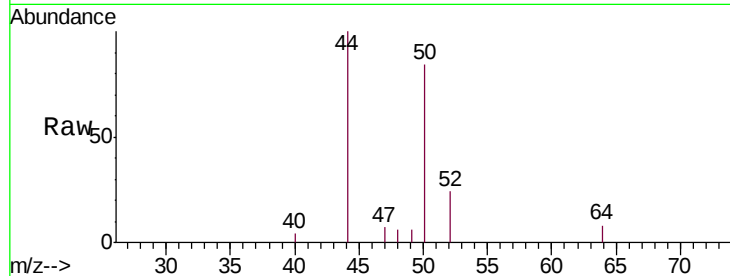
BE9W7

Tgt Ion: 50 Resp: 2567

Ion Ratio Lower Upper

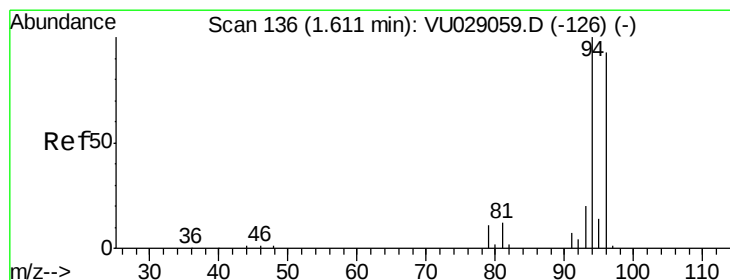
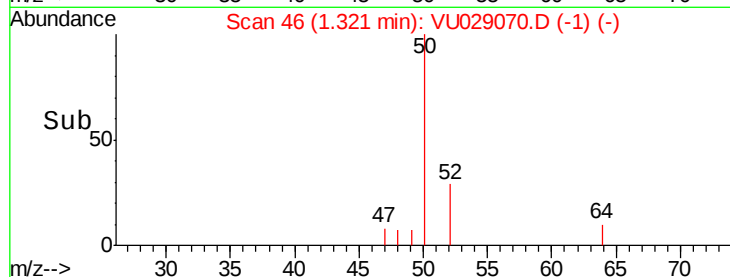
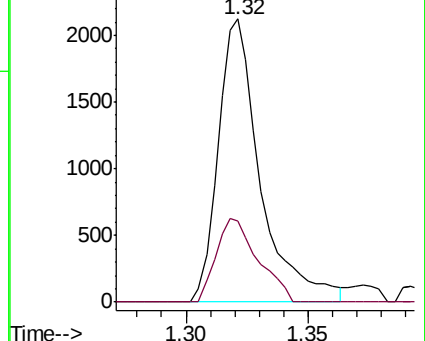
50 100

52 28.8 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU029070.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU029070.D (-1) (-)



#6

Bromomethane

Concen: 0.742 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU029070.D

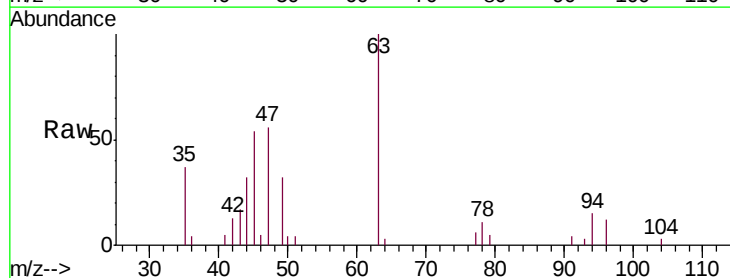
Acq: 07 Jan 2019 20:40

Tgt Ion: 94 Resp: 596

Ion Ratio Lower Upper

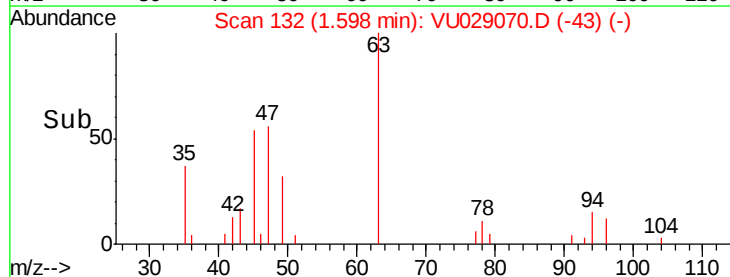
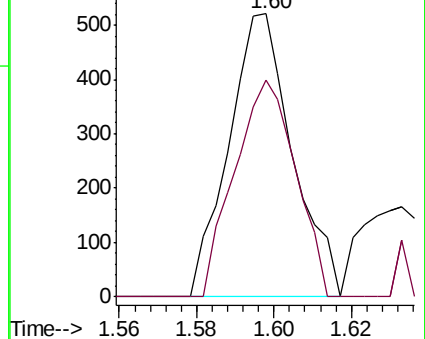
94 100

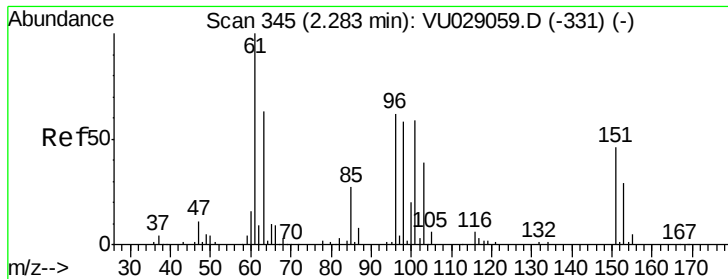
96 76.4 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VU029070.D (-43) (-)

Ion 96.00 (95.70 to 96.70): VU029070.D (-43) (-)





#10

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

Concen: 0.610 ug/L

RT: 2.22 min Scan# 327

Delta R.T. -0.06 min

Lab File: VU029070.D

Acq: 07 Jan 2019 20:40

Instrument :

MSVOA_U

ClientSampleId :

BE9W7

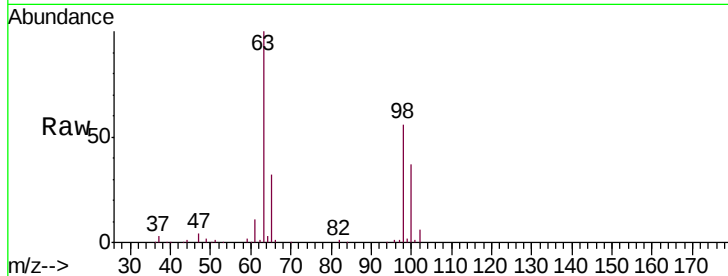
Tgt Ion:101 Resp: 761

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

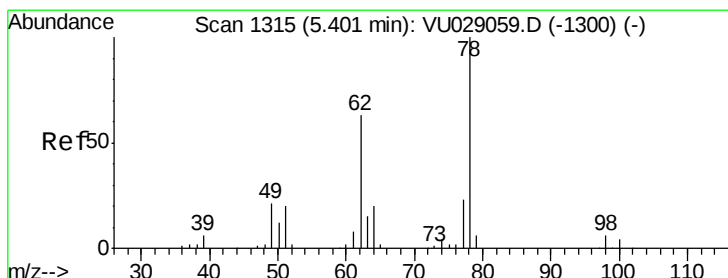
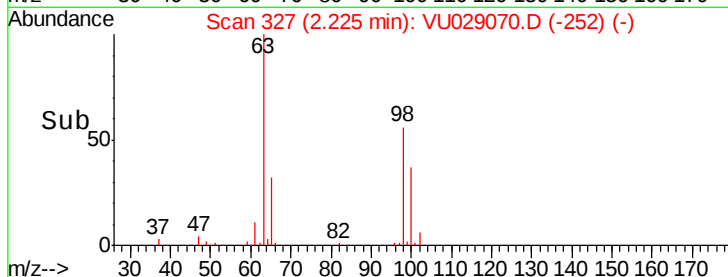
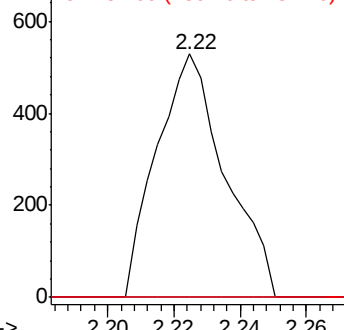
151 0.0 59.4 89.0#



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: 0.591 ug/L

RT: 5.33 min Scan# 1292

Delta R.T. -0.07 min

Lab File: VU029070.D

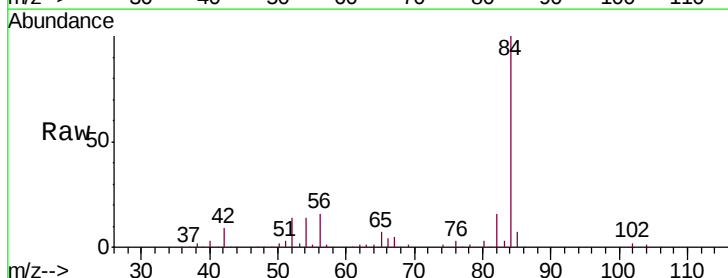
Acq: 07 Jan 2019 20:40

Tgt Ion: 62 Resp: 1087

Ion Ratio Lower Upper

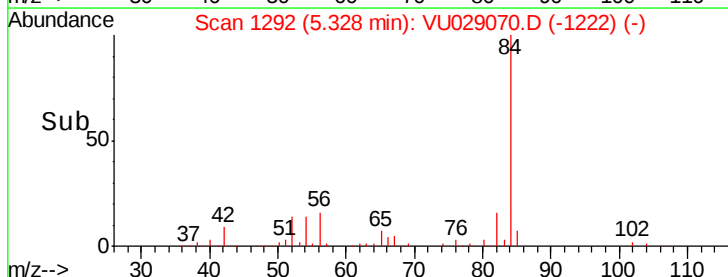
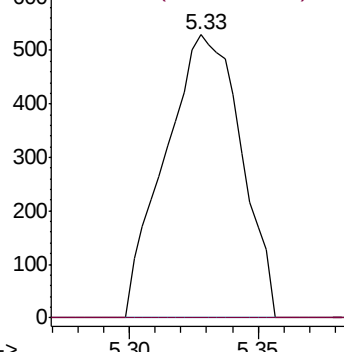
62 100

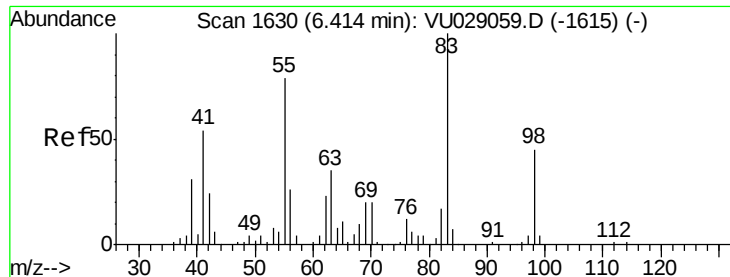
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

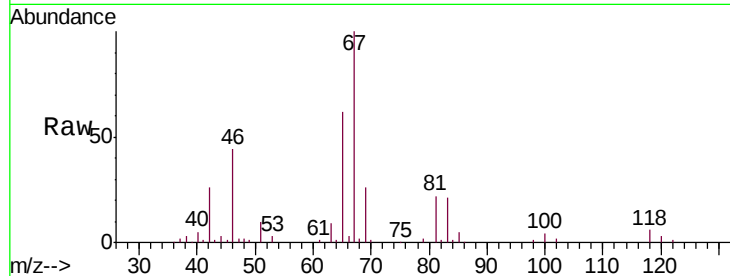




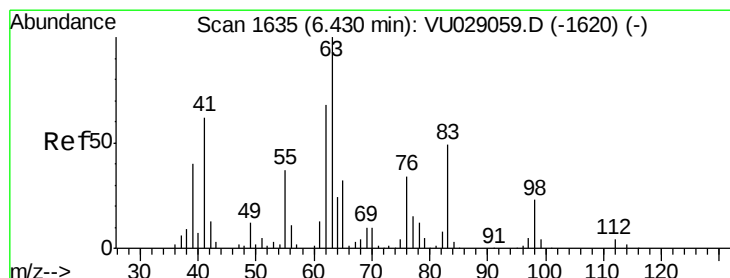
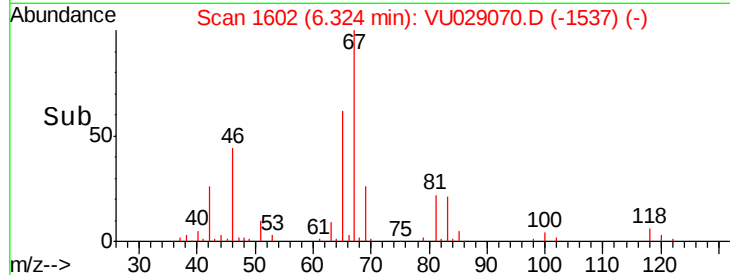
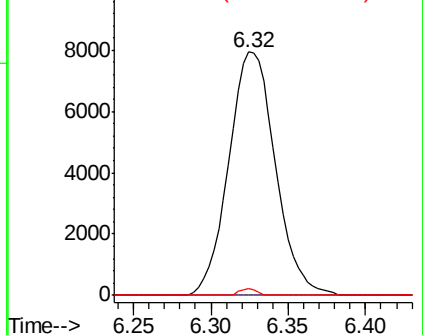
#35
Methylcyclohexane
Concen: 6.866 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.09 min
Lab File: VU029070.D
Acq: 07 Jan 2019 20:40

Instrument :
MSVOA_U
ClientSampleId :
BE9W7

Tgt Ion: 83 Resp: 16633
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 0.9 35.6 53.4#

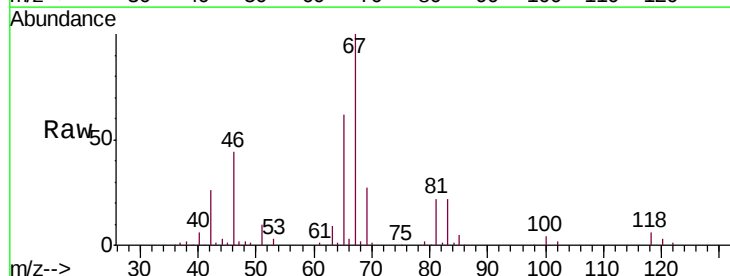


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

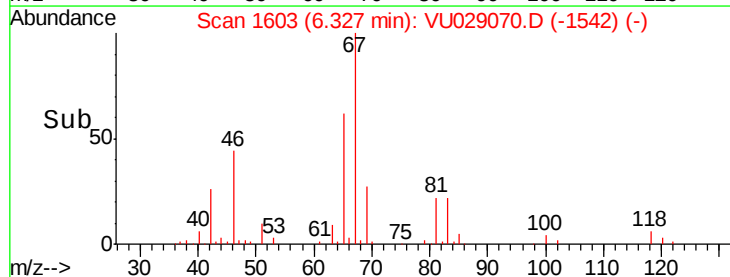
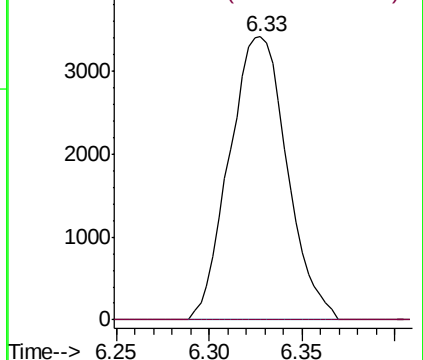


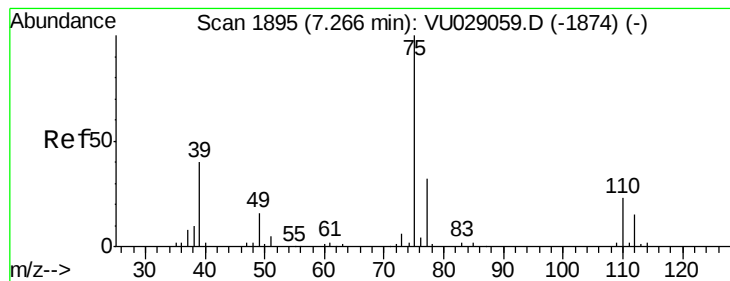
#37
1,2-Dichloropropane
Concen: 4.388 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU029070.D
Acq: 07 Jan 2019 20:40

Tgt Ion: 63 Resp: 7389
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



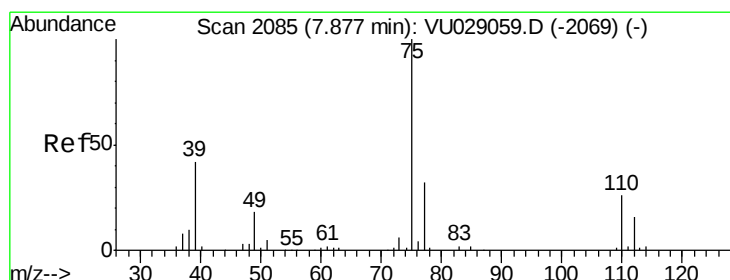
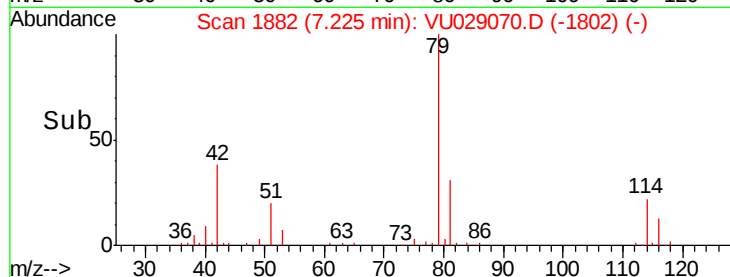
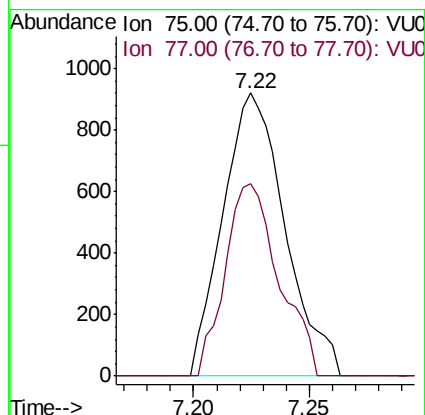
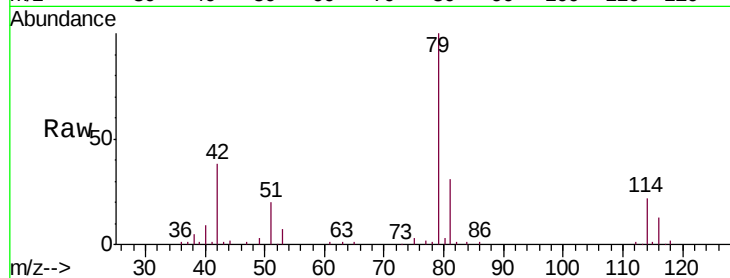


#39

cis-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU029070.D
Acq: 07 Jan 2019 20:40

Instrument :
MSVOA_U
ClientSampleId :
BE9W7

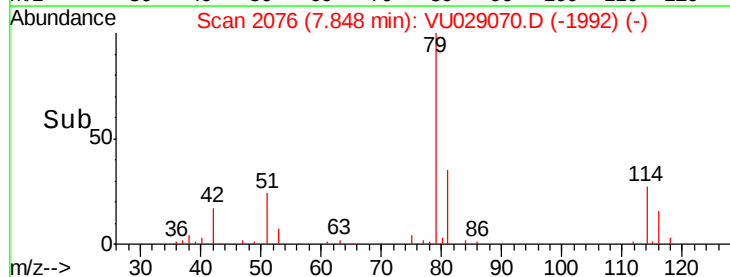
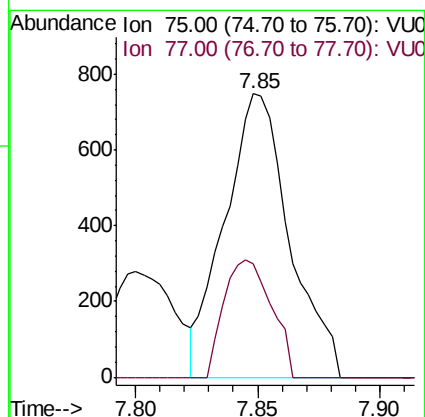
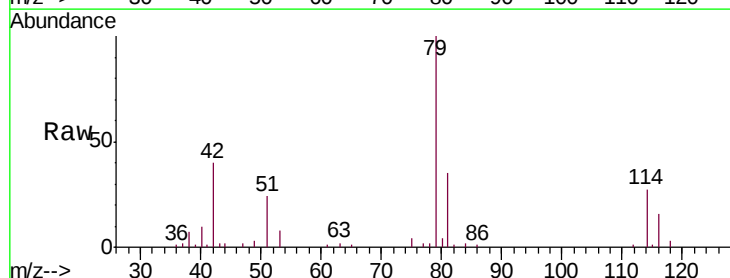
Tgt Ion: 75 Resp: 1719
Ion Ratio Lower Upper
75 100
77 67.9 21.8 40.6#

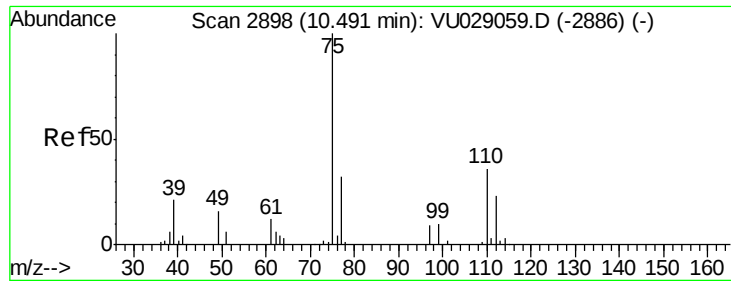


#44

trans-1,3-Dichloropropene
Concen: 0.645 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU029070.D
Acq: 07 Jan 2019 20:40

Tgt Ion: 75 Resp: 1381
Ion Ratio Lower Upper
75 100
77 40.1 21.8 40.6

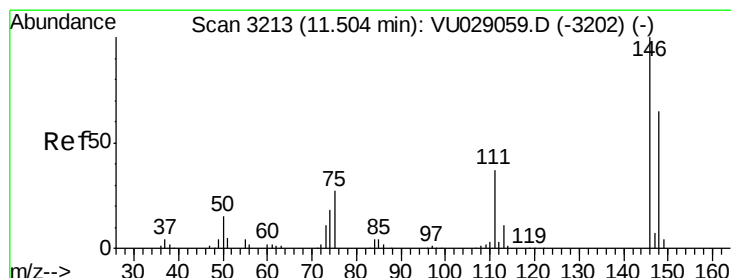
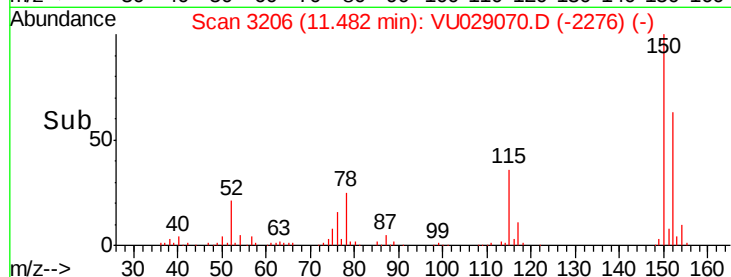
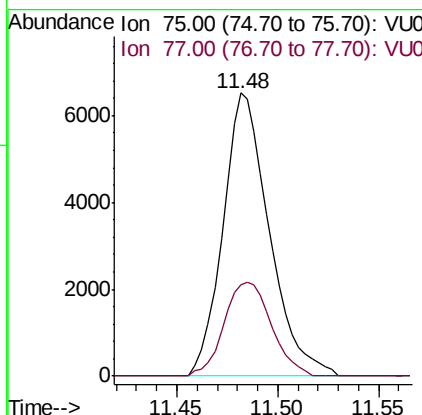
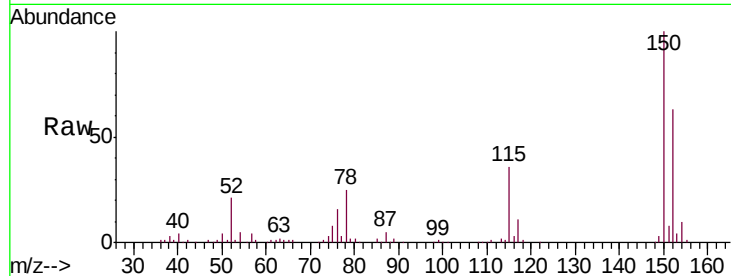




#59
 1,2,3-Trichloropropane
 Concen: 5.192 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU029070.D
 Acq: 07 Jan 2019 20:40

Instrument :
 MSVOA_U
 ClientSampled :
 BE9W7

Tgt Ion: 75 Resp: 10434
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3



#63
 1,4-Dichlorobenzene
 Concen: 0.614 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU029070.D
 Acq: 07 Jan 2019 20:40

Tgt Ion: 146 Resp: 1732
 Ion Ratio Lower Upper
 146 100
 111 38.7 26.5 49.1
 148 68.8 45.1 83.9

