

Data File : VU029069.D
Acq On : 07 Jan 2019 20:16
Operator : MD/SY
Sample : K1050-09
Misc : 6.71g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9W6

Quant Time: Jan 08 03:17:11 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	191729	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188978	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60455	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.66%
7) Chloroethane-d5	1.69	69	272	0.23	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.46%#
11) 1,1-Dichloroethene-d2	2.22	63	79079	30.59	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.18%
21) 2-Butanone-d5	4.20	46	99820	92.69	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.69%
24) Chloroform-d	4.64	84	104240	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.26%
26) 1,2-Dichloroethane-d4	5.30	65	68091	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
32) Benzene-d6	5.33	84	224750	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.32	67	78264	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.30%
41) Toluene-d8	7.56	98	198964	41.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.24%
43) trans-1,3-Dichloropropene-	7.85	79	33931	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.50%
47) 2-Hexanone-d5	8.32	63	77682	90.18	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123284	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	78624	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%

Target Compounds

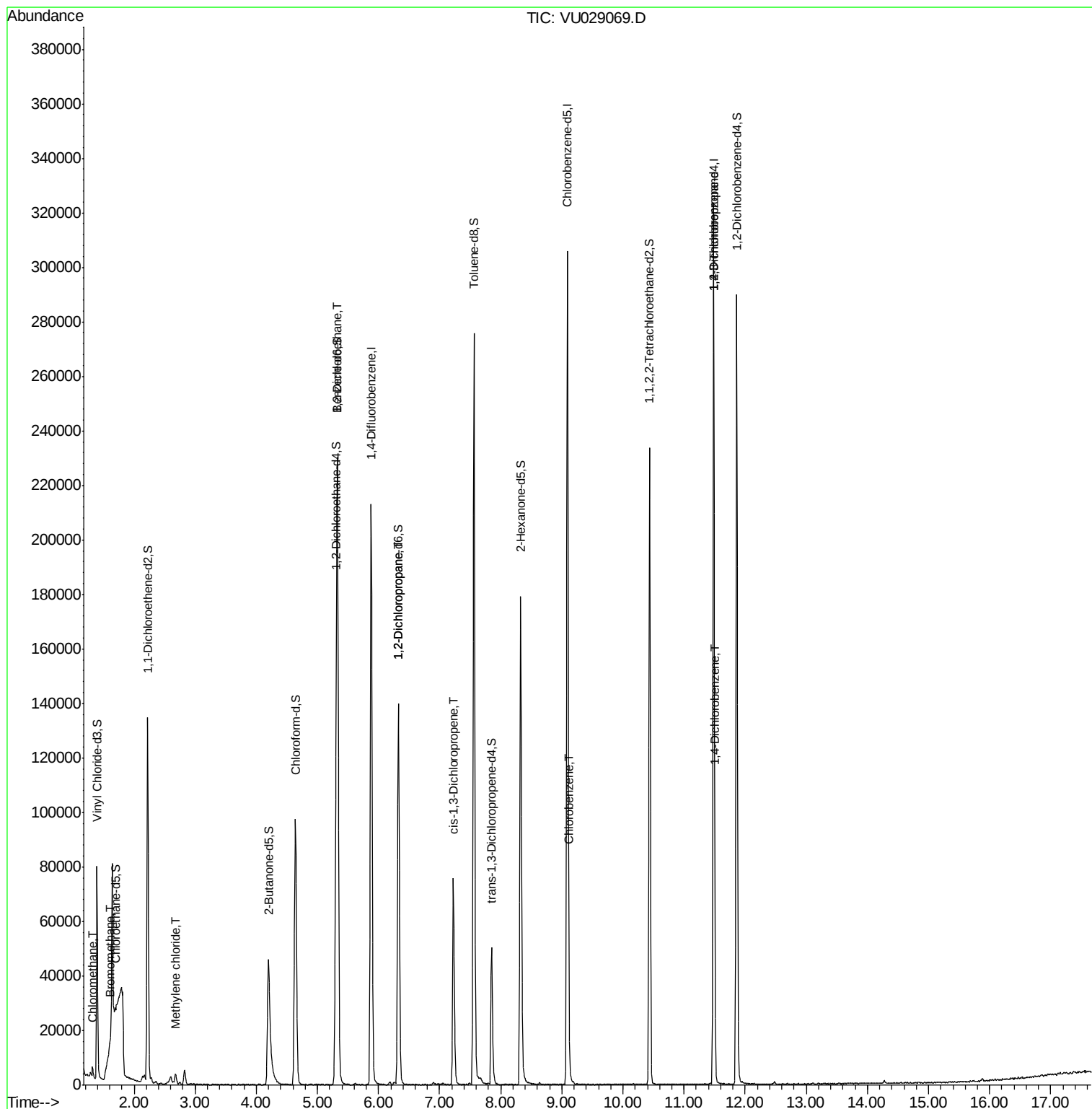
					Qvalue
3) Chloromethane	1.32	50	2915	1.371 ug/L	92
6) Bromomethane	1.60	94	511	0.639 ug/L	89
16) Methylene chloride	2.67	84	1937	1.278 ug/L	94
27) 1,2-Dichloroethane	5.32	62	1061	0.579 ug/L #	74
37) 1,2-Dichloropropane	6.32	63	7164	4.260 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1735	0.724 ug/L #	61
51) Chlorobenzene	9.12	112	2197	0.572 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	11639	5.799 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	1698	0.601 ug/L #	82

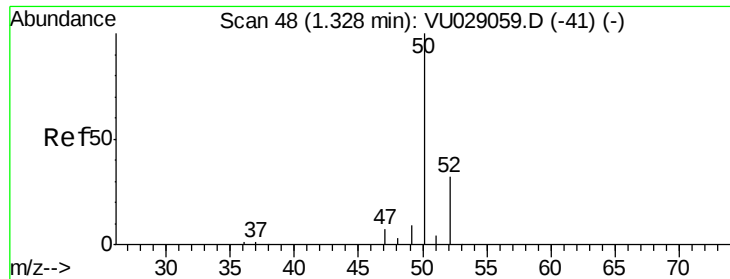
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.371 ug/L

RT: 1.32 min Scan# 45

Delta R.T. -0.01 min

Lab File: VU029069.D

Acq: 07 Jan 2019 20:16

Instrument :

MSVOA_U

ClientSampled :

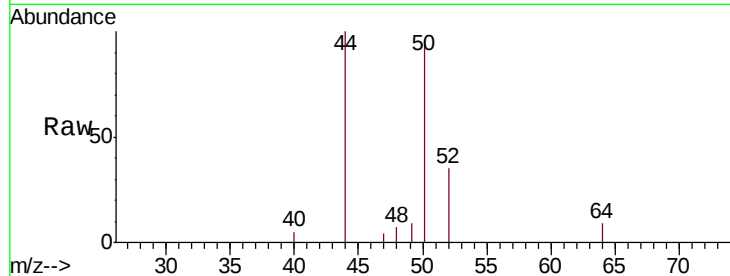
BE9W6

Tgt Ion: 50 Resp: 2915

Ion Ratio Lower Upper

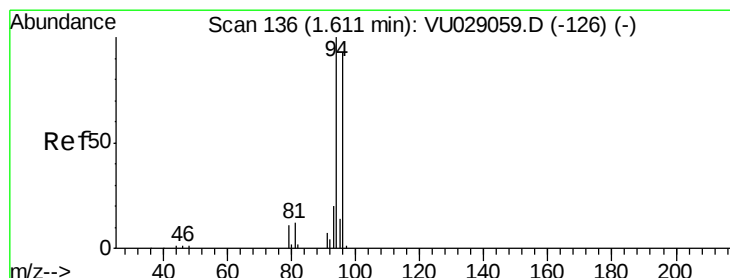
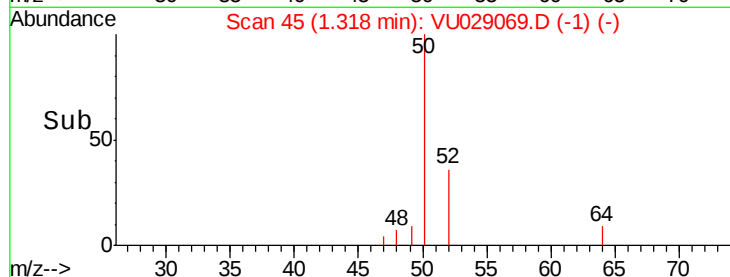
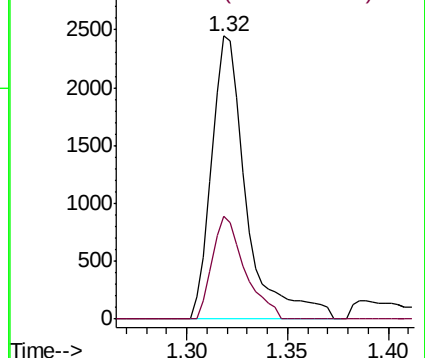
50 100

52 36.2 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: 0.639 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU029069.D

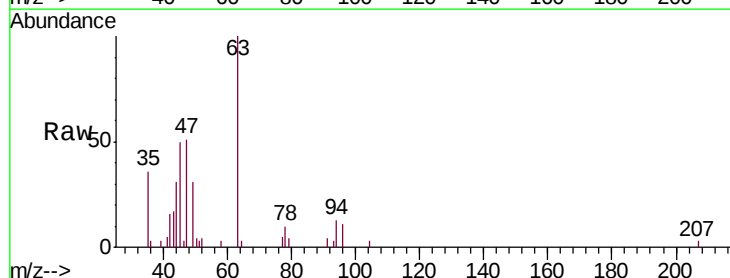
Acq: 07 Jan 2019 20:16

Tgt Ion: 94 Resp: 511

Ion Ratio Lower Upper

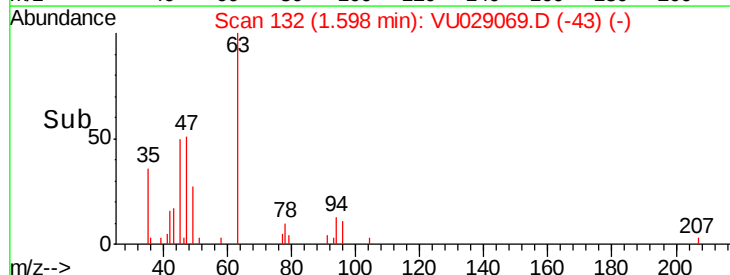
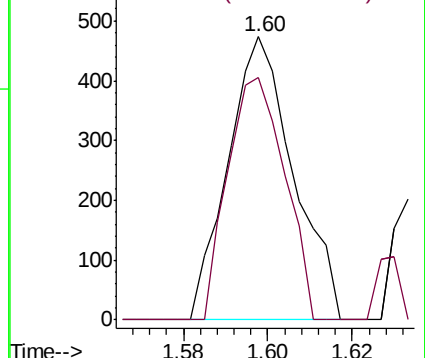
94 100

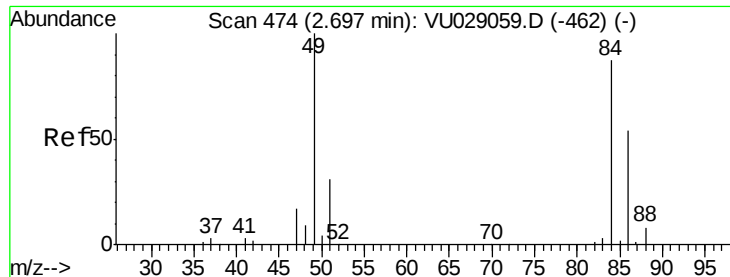
96 85.6 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

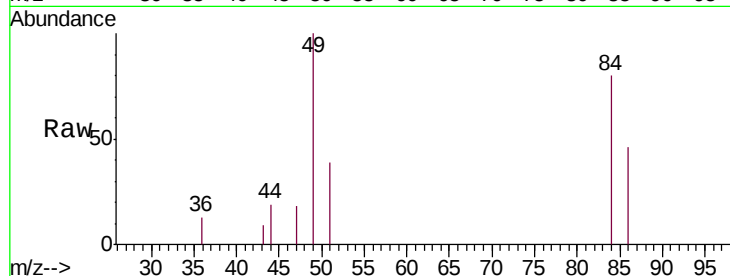




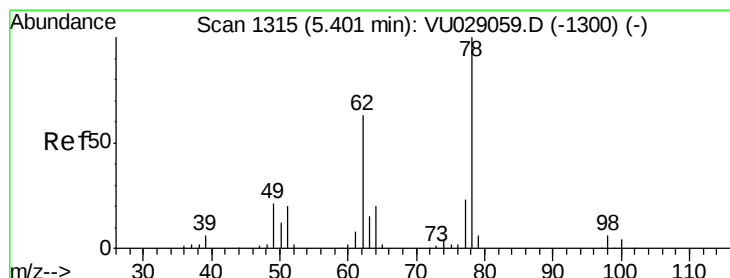
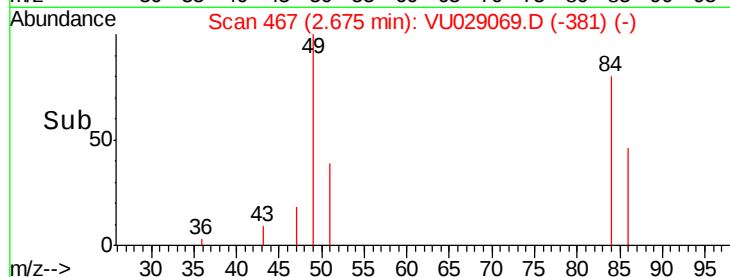
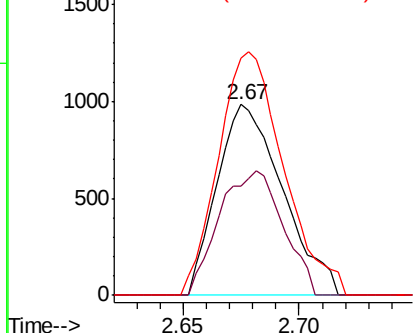
#16
Methylene chloride
Concen: 1.278 ug/L
RT: 2.67 min Scan# 467
Delta R.T. -0.02 min
Lab File: VU029069.D
Acq: 07 Jan 2019 20:16

Instrument :
MSVOA_U
ClientSampleId :
BE9W6

Tgt Ion: 84 Resp: 1937
Ion Ratio Lower Upper
84 100
86 57.5 44.9 83.3
49 124.5 83.9 155.7

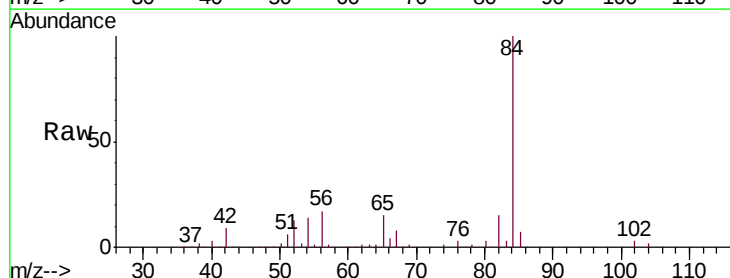


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

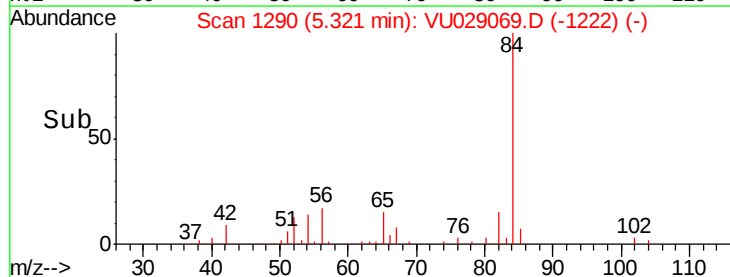
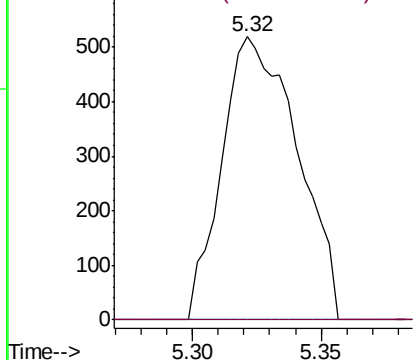


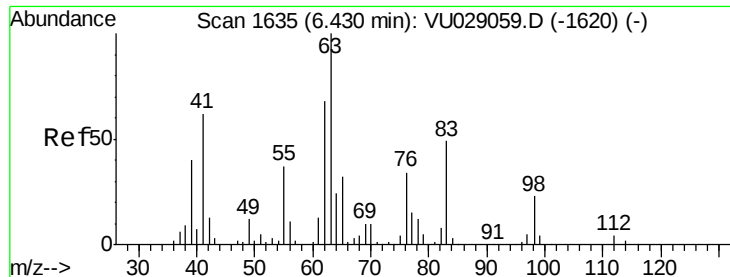
#27
1,2-Dichloroethane
Concen: 0.579 ug/L
RT: 5.32 min Scan# 1290
Delta R.T. -0.08 min
Lab File: VU029069.D
Acq: 07 Jan 2019 20:16

Tgt Ion: 62 Resp: 1061
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

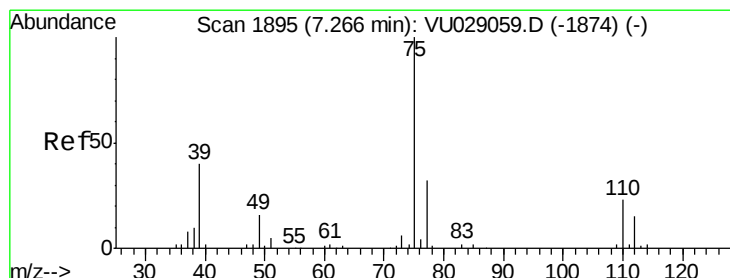
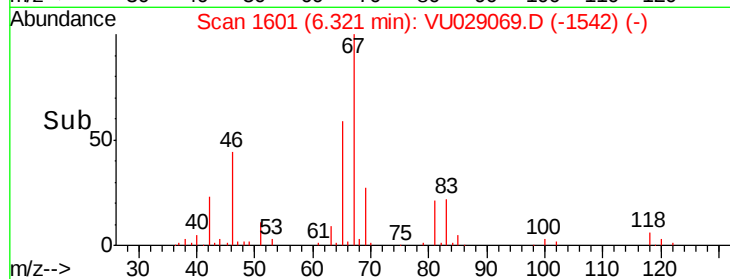
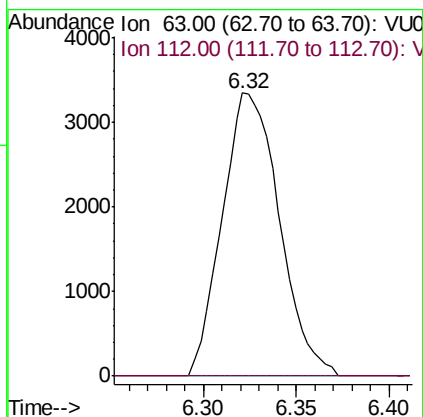
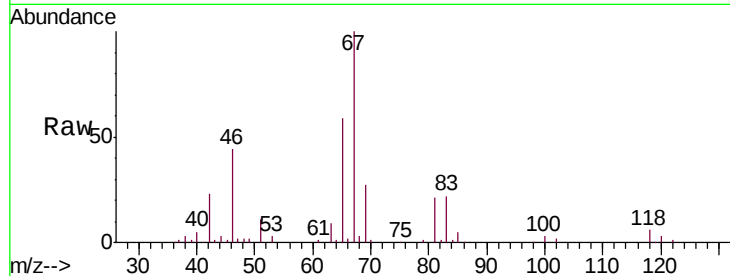




#37
 1,2-Dichloropropane
 Concen: 4.260 ug/L
 RT: 6.32 min Scan# 1601
 Delta R.T. -0.11 min
 Lab File: VU029069.D
 Acq: 07 Jan 2019 20:16

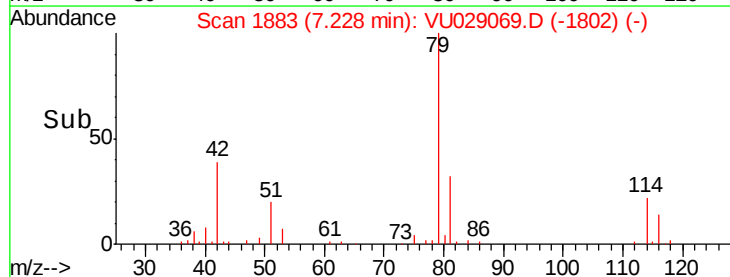
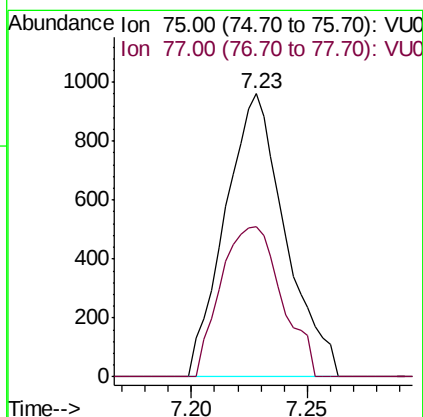
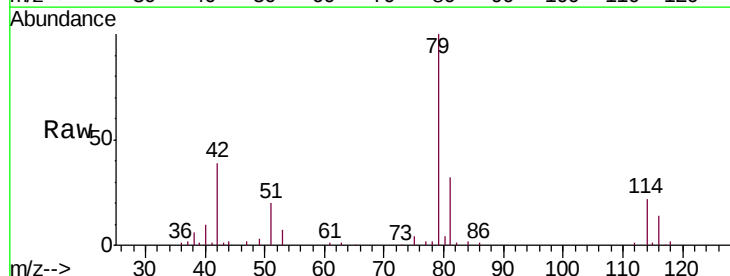
Instrument :
 MSVOA_U
 ClientSampleId :
 BE9W6

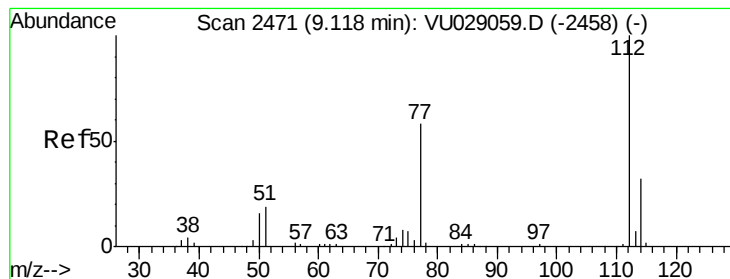
Tgt Ion: 63 Resp: 7164
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.724 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU029069.D
 Acq: 07 Jan 2019 20:16

Tgt Ion: 75 Resp: 1735
 Ion Ratio Lower Upper
 75 100
 77 52.9 21.8 40.6#





#51

Chlorobenzene

Concen: 0.572 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU029069.D

Acq: 07 Jan 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

BE9W6

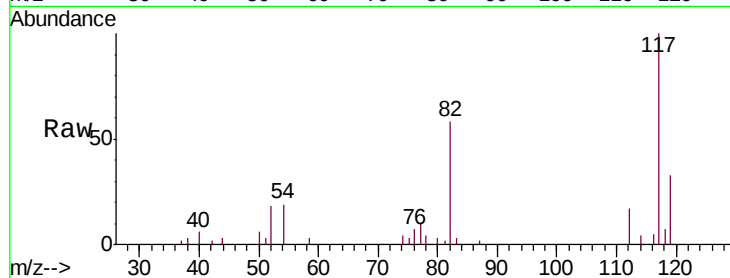
Tgt Ion: 112 Resp: 2197

Ion Ratio Lower Upper

112 100

114 26.6 22.2 41.2

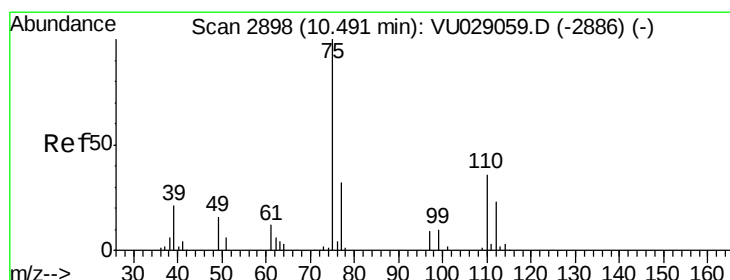
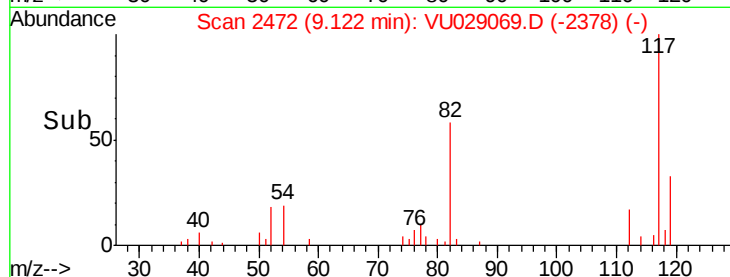
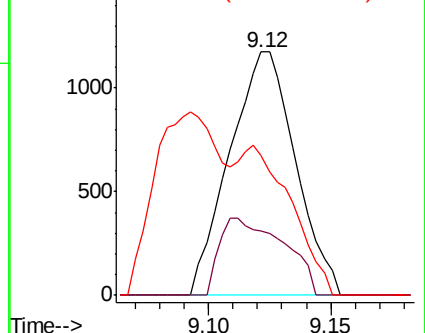
77 57.7 47.8 71.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 5.799 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU029069.D

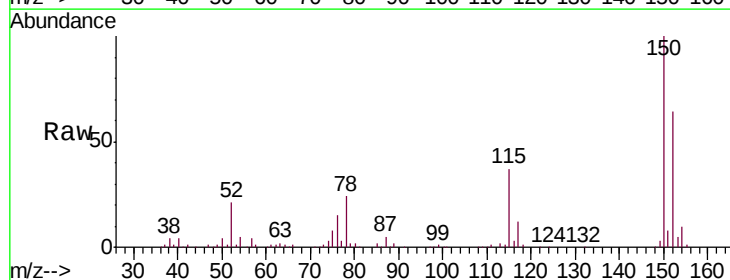
Acq: 07 Jan 2019 20:16

Tgt Ion: 75 Resp: 11639

Ion Ratio Lower Upper

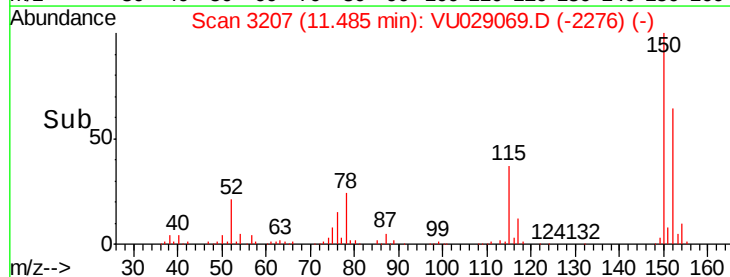
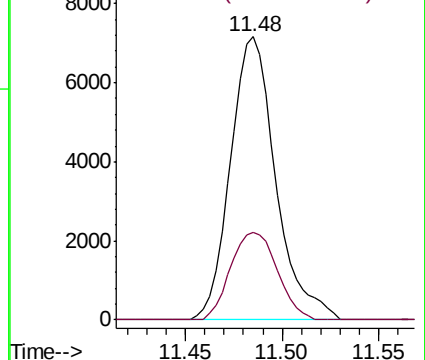
75 100

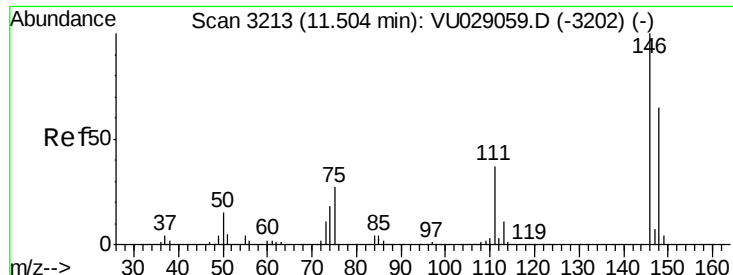
77 31.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V





#63

1,4-Dichlorobenzene

Concen: 0.601 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.01 min

Lab File: VU029069.D

Acq: 07 Jan 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

BE9W6

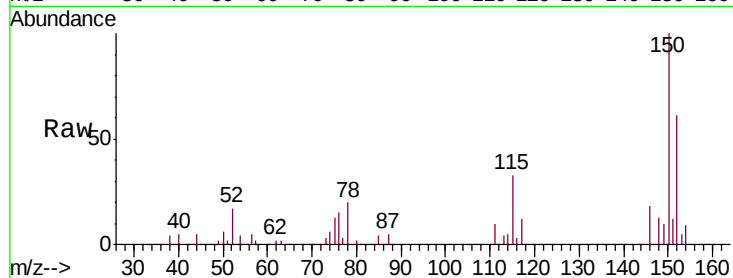
Tgt Ion:146 Resp: 1698

Ion Ratio Lower Upper

146 100

111 56.7 26.5 49.1#

148 72.3 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

