

Data File : VU029077.D
Acq On : 07 Jan 2019 23:29
Operator : MD/SY
Sample : K1051-11
Misc : 15.47g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9X9

Quant Time: Jan 08 03:18:56 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	195695	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87805	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63002	40.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.32%
7) Chloroethane-d5	1.69	69	64	0.05	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.10%#
11) 1,1-Dichloroethene-d2	2.22	63	82742	31.36	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.72%
21) 2-Butanone-d5	4.20	46	101488	92.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.33%
24) Chloroform-d	4.64	84	106981	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.30	65	69056	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
32) Benzene-d6	5.33	84	233589	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.04%
36) 1,2-Dichloropropane-d6	6.32	67	81597	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.50%
41) Toluene-d8	7.56	98	204005	41.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.88%
43) trans-1,3-Dichloropropene-	7.85	79	34801	42.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.18%
47) 2-Hexanone-d5	8.32	63	78347	90.46	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126186	49.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	81044	45.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.28%

Target Compounds

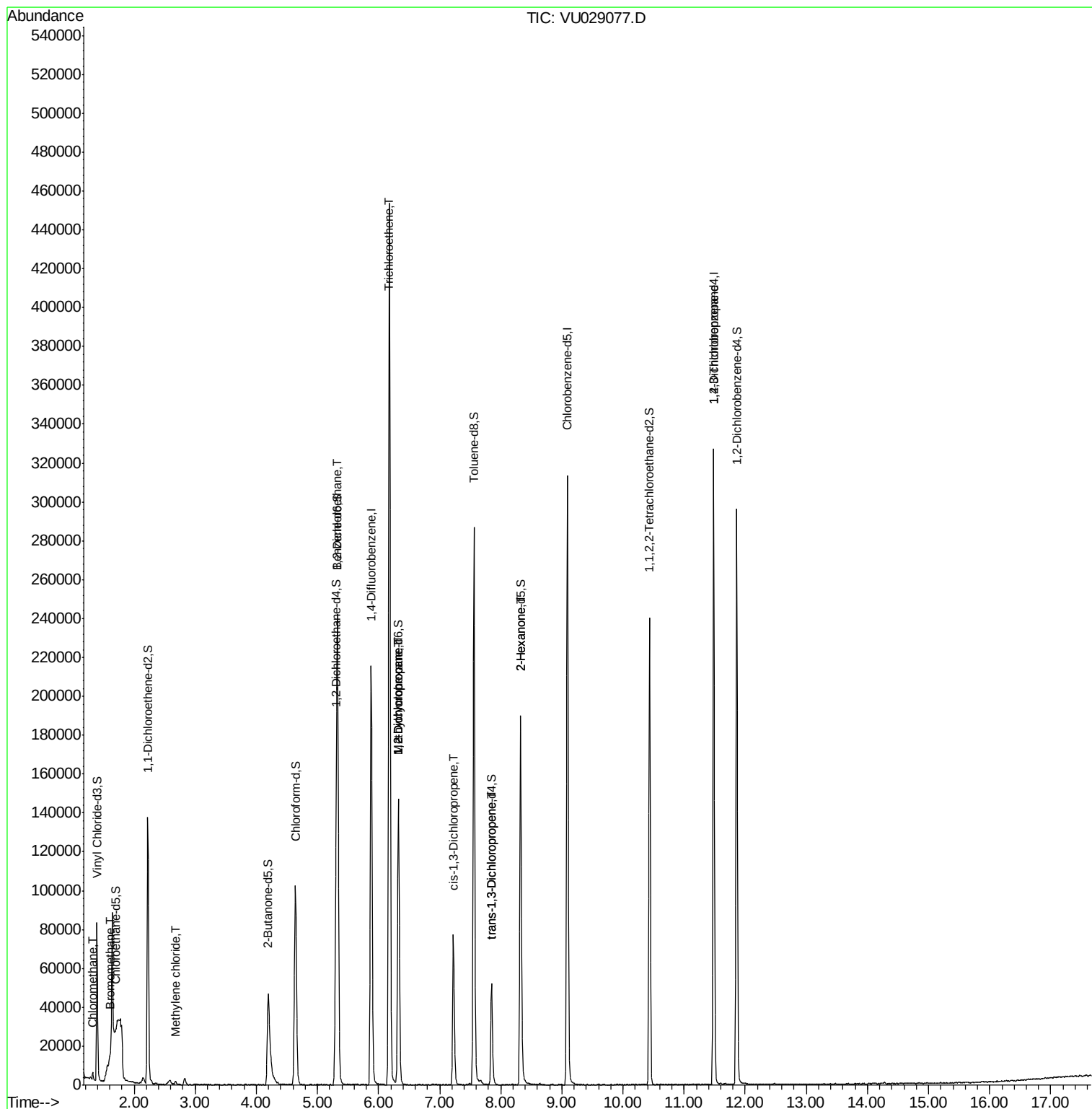
					Qvalue
3) Chloromethane	1.32	50	2899	1.336 ug/L	99
6) Bromomethane	1.60	94	572	0.701 ug/L	82
16) Methylene chloride	2.67	84	853	0.551 ug/L	94
27) 1,2-Dichloroethane	5.33	62	1147	0.614 ug/L #	74
34) Trichloroethene	6.18	95	165249	113.158 ug/L	97
35) Methylcyclohexane	6.32	83	16861	6.932 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	7901	4.673 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1792	0.743 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1292	0.601 ug/L	87
48) 2-Hexanone	8.32	43	8576	4.598 ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	10329	5.119 ug/L	100

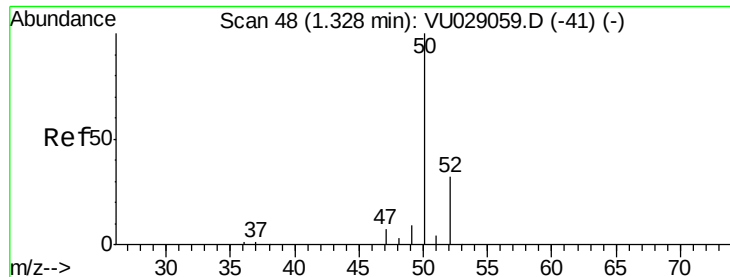
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.336 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029077.D

Acq: 07 Jan 2019 23:29

Instrument :

MSVOA_U

ClientSampled :

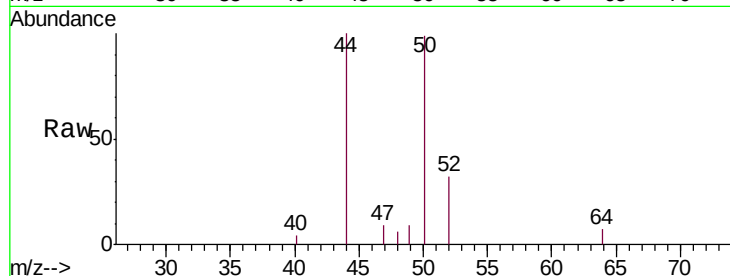
BE9X9

Tgt Ion: 50 Resp: 2899

Ion Ratio Lower Upper

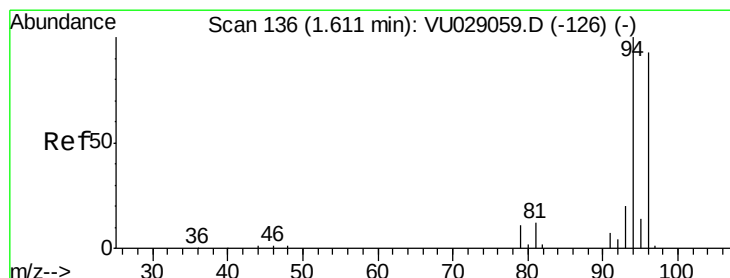
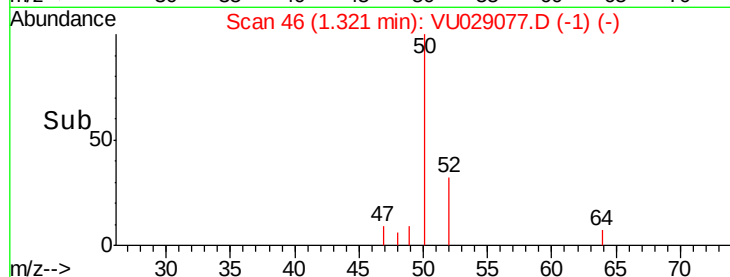
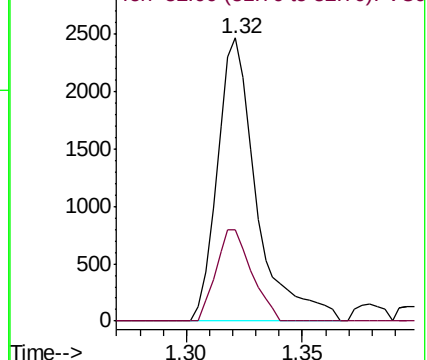
50 100

52 32.3 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: 0.701 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU029077.D

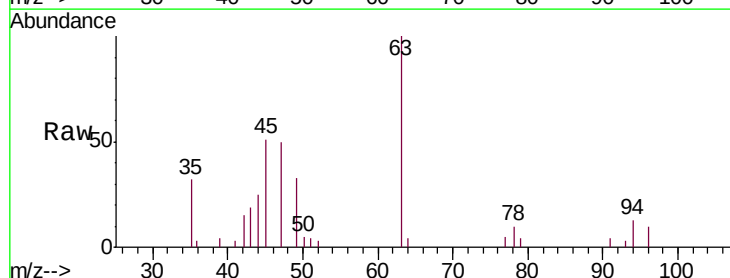
Acq: 07 Jan 2019 23:29

Tgt Ion: 94 Resp: 572

Ion Ratio Lower Upper

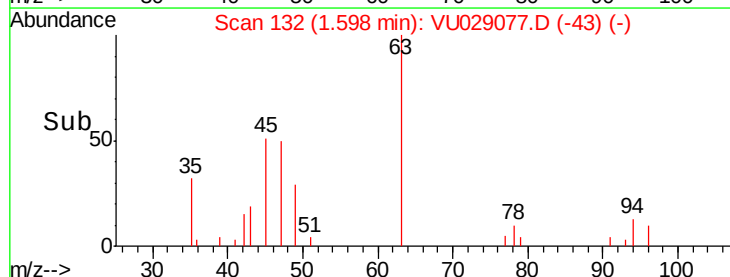
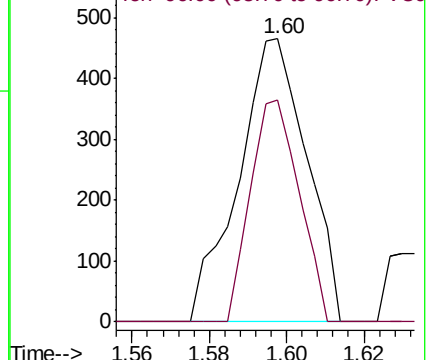
94 100

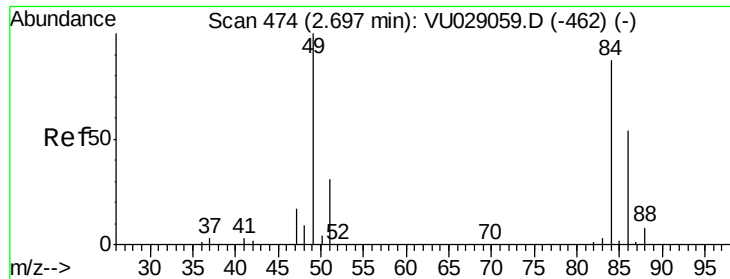
96 78.5 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

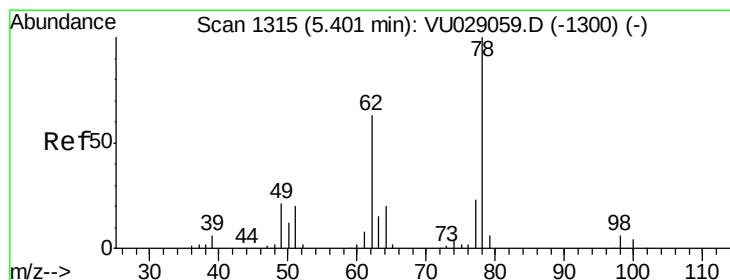
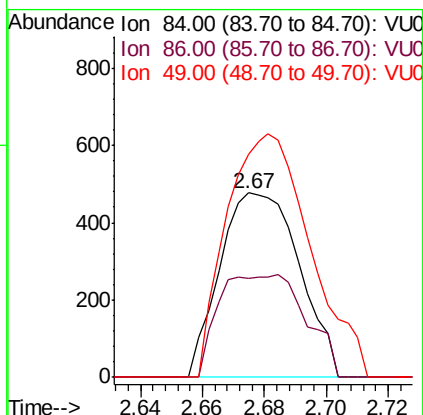
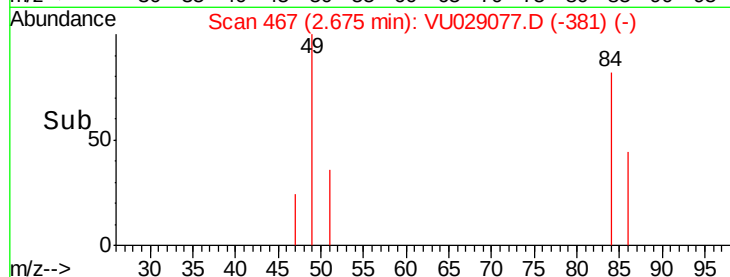
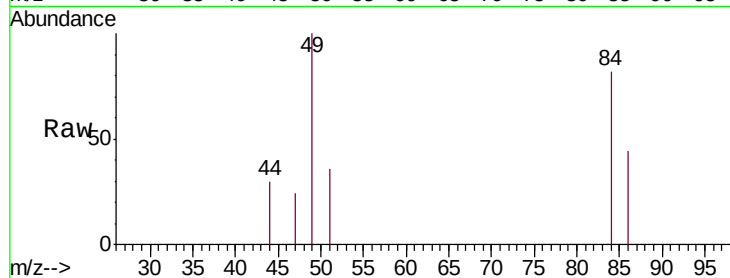




#16
Methylene chloride
Concen: 0.551 ug/L
RT: 2.67 min Scan# 467
Delta R.T. -0.02 min
Lab File: VU029077.D
Acq: 07 Jan 2019 23:29

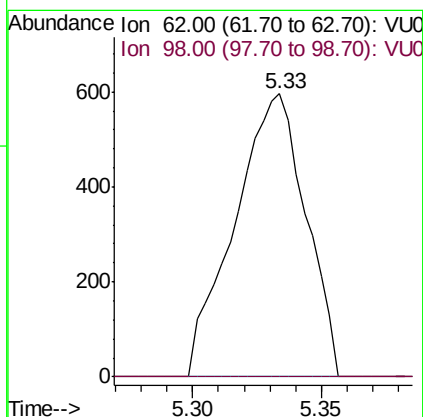
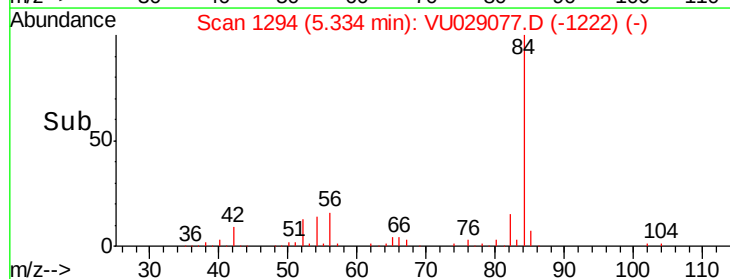
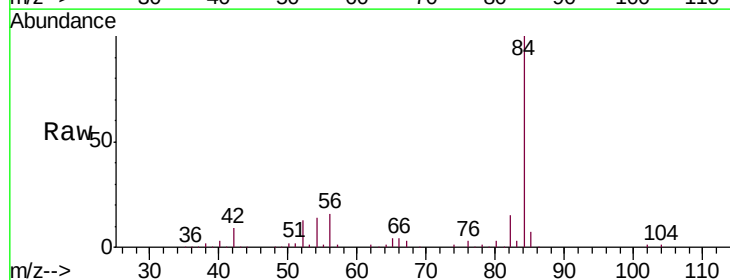
Instrument :
MSVOA_U
ClientSampleId :
BE9X9

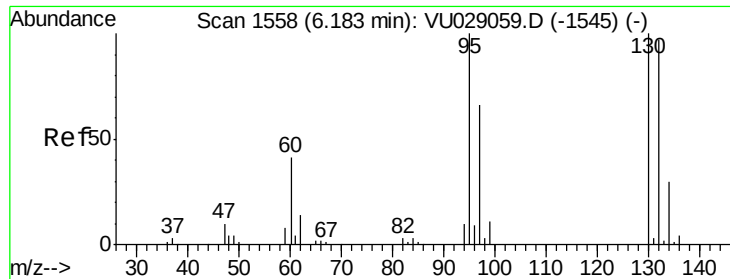
Tgt Ion: 84 Resp: 853
Ion Ratio Lower Upper
84 100
86 53.5 44.9 83.3
49 121.4 83.9 155.7



#27
1,2-Dichloroethane
Concen: 0.614 ug/L
RT: 5.33 min Scan# 1294
Delta R.T. -0.07 min
Lab File: VU029077.D
Acq: 07 Jan 2019 23:29

Tgt Ion: 62 Resp: 1147
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 113.158 ug/L

RT: 6.18 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VU029077.D

Acq: 07 Jan 2019 23:29

Instrument :

MSVOA_U

ClientSampleId :

BE9X9

Tgt Ion: 95 Resp: 165249

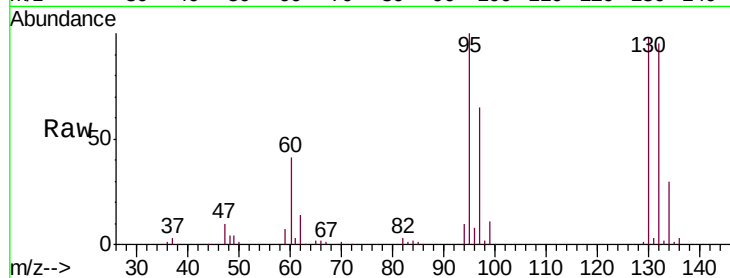
Ion Ratio Lower Upper

95 100

97 64.8 43.3 80.3

132 95.4 64.2 119.2

130 98.2 67.1 124.7

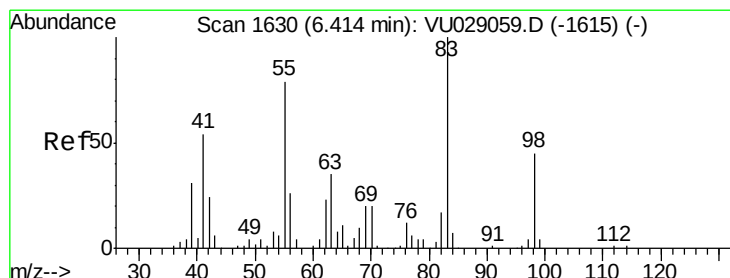
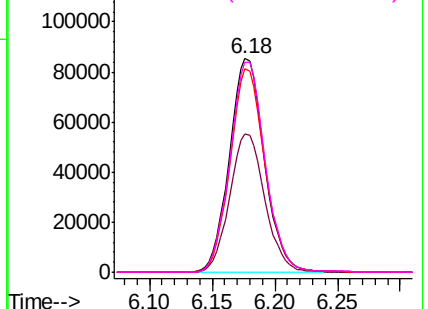
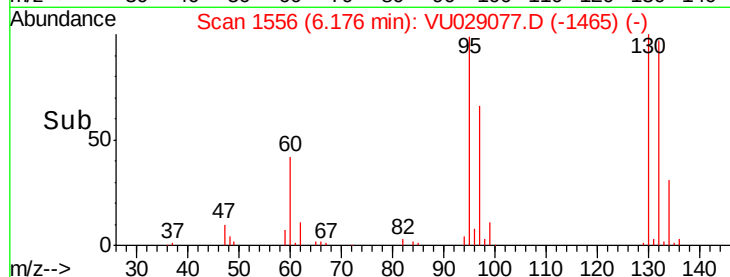


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 6.932 ug/L

RT: 6.32 min Scan# 1602

Delta R.T. -0.09 min

Lab File: VU029077.D

Acq: 07 Jan 2019 23:29

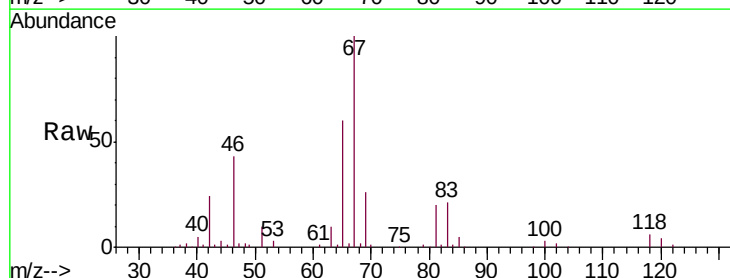
Tgt Ion: 83 Resp: 16861

Ion Ratio Lower Upper

83 100

55 0.0 63.7 95.5#

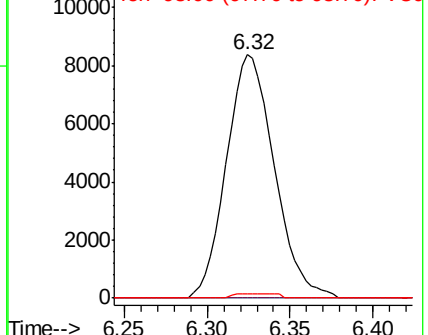
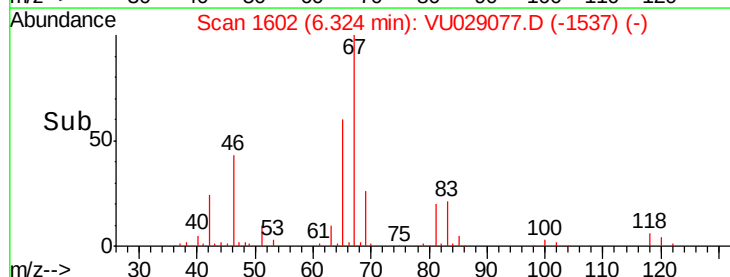
98 0.6 35.6 53.4#

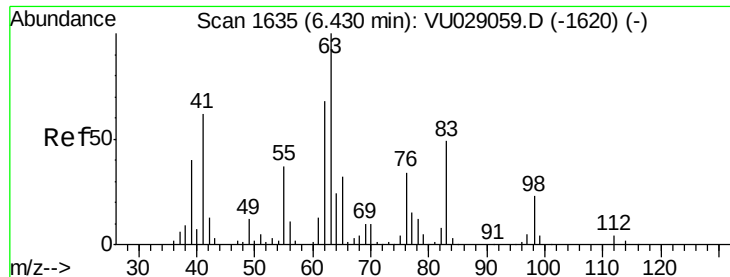


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

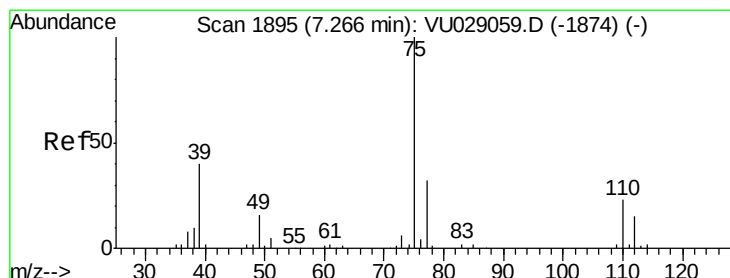
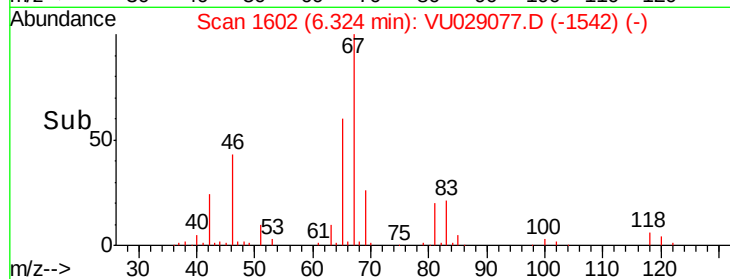
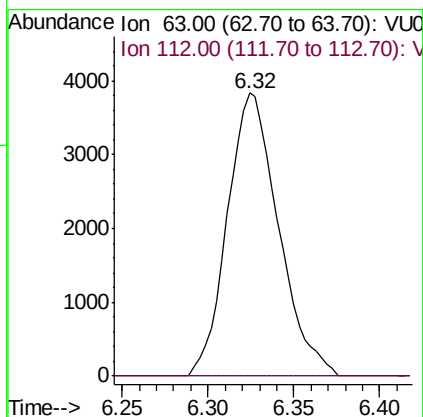
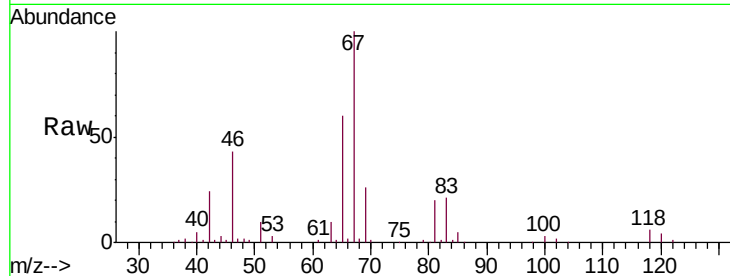




#37
 1,2-Dichloropropane
 Concen: 4.673 ug/L
 RT: 6.32 min Scan# 1602
 Delta R.T. -0.11 min
 Lab File: VU029077.D
 Acq: 07 Jan 2019 23:29

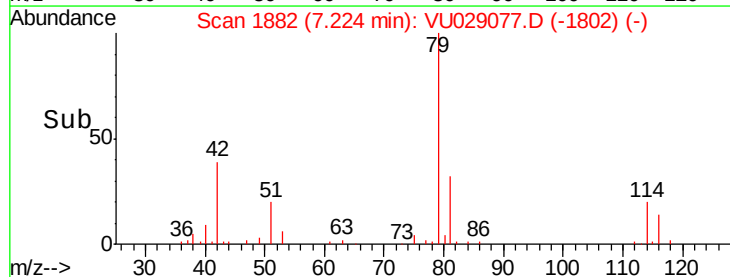
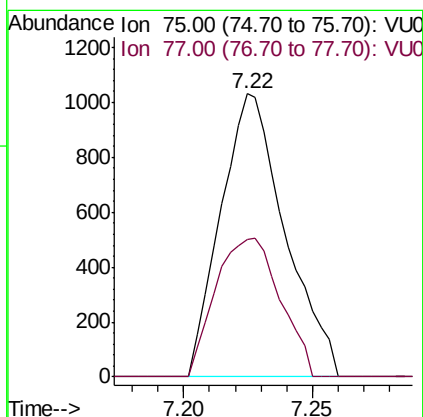
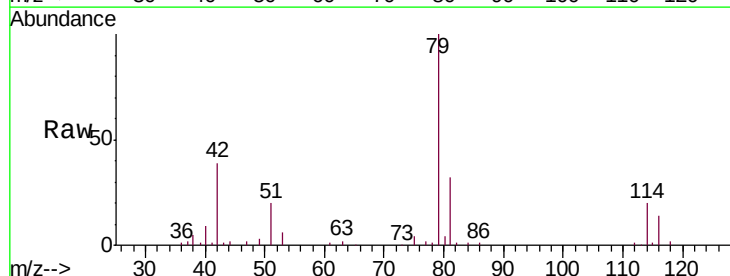
Instrument :
 MSVOA_U
 ClientSampleId :
 BE9X9

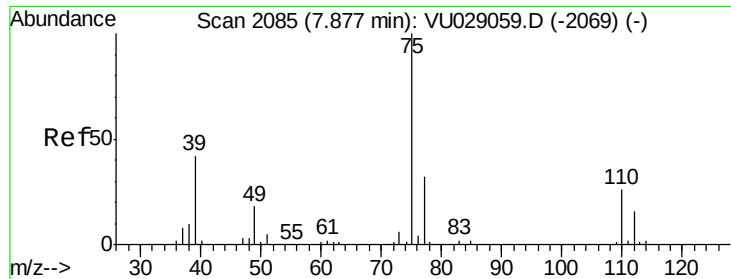
Tgt Ion: 63 Resp: 7901
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.743 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029077.D
 Acq: 07 Jan 2019 23:29

Tgt Ion: 75 Resp: 1792
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.8 40.6#

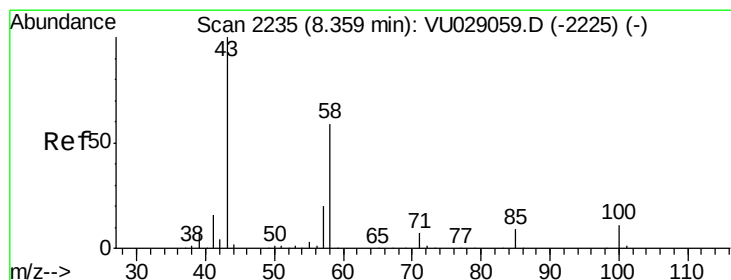
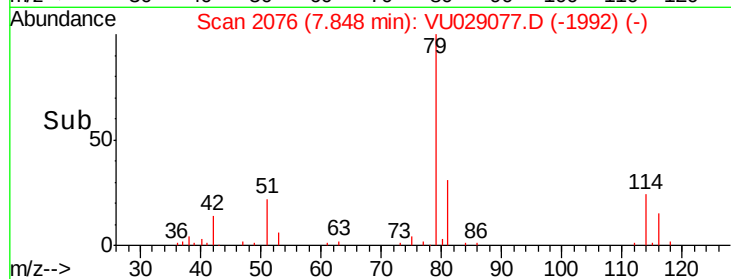
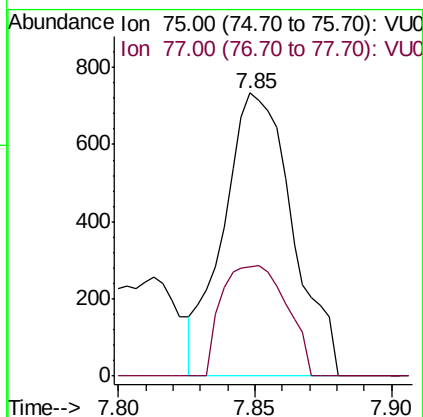
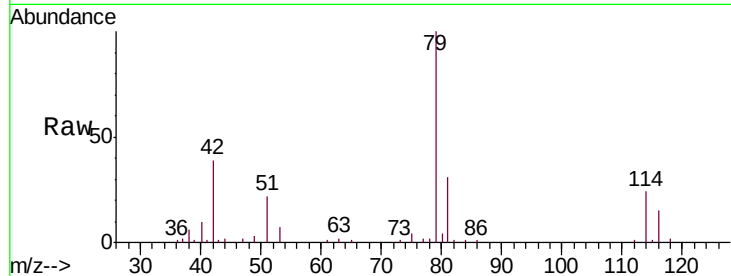




#44
trans-1,3-Dichloropropene
Concen: 0.601 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU029077.D
Acq: 07 Jan 2019 23:29

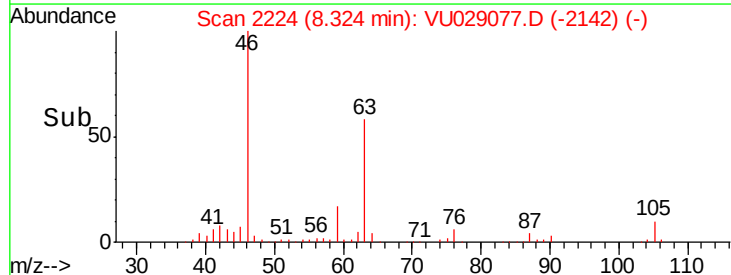
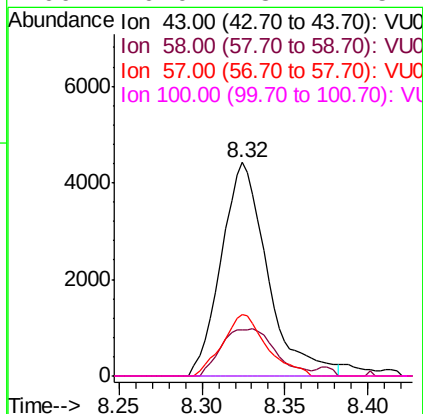
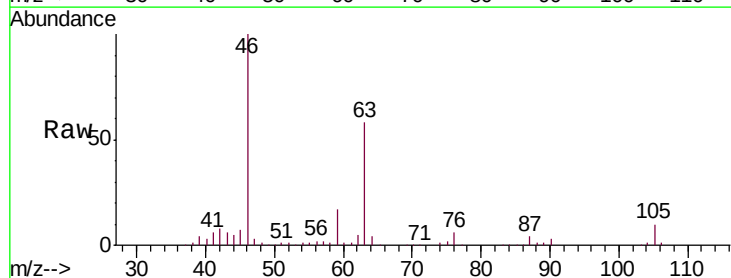
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ClientSampleId :
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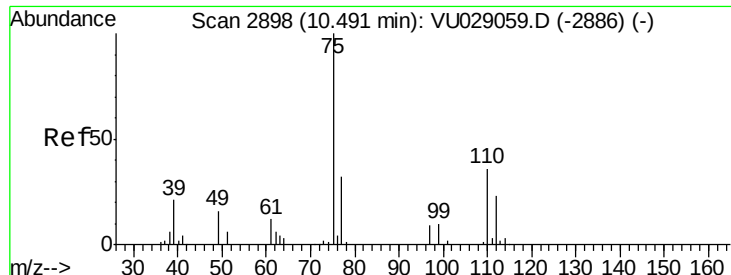
Tgt Ion: 75 Resp: 1292
Ion Ratio Lower Upper
75 100
77 38.6 21.8 40.6



#48
2-Hexanone
Concen: 4.598 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU029077.D
Acq: 07 Jan 2019 23:29

Tgt Ion: 43 Resp: 8576
Ion Ratio Lower Upper
43 100
58 0.0 45.9 68.9#
57 27.5 15.0 22.4#
100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.119 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU029077.D

Acq: 07 Jan 2019 23:29

Instrument :

MSVOA_U

ClientSampleId :

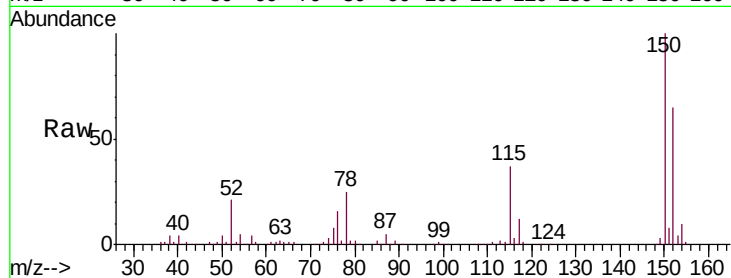
BE9X9

Tgt Ion: 75 Resp: 10329

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

