

Data File : VU029067.D
Acq On : 07 Jan 2019 19:28
Operator : MD/SY
Sample : K1050-07MEDL
Misc : 6.24g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9W4ME

Quant Time: Jan 08 03:16:43 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	193976	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	191223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85650	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59309	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.28%
7) Chloroethane-d5	1.64	69	37993	31.63	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.26%#
11) 1,1-Dichloroethene-d2	2.22	63	77353	29.58	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.16%#
21) 2-Butanone-d5	4.20	46	99266	91.11	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.11%
24) Chloroform-d	4.64	84	103894	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.98%
26) 1,2-Dichloroethane-d4	5.30	65	65979	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
32) Benzene-d6	5.33	84	222829	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.50%
36) 1,2-Dichloropropane-d6	6.32	67	77151	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.08%
41) Toluene-d8	7.56	98	195537	39.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.88%#
43) trans-1,3-Dichloropropene-	7.85	79	34191	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
47) 2-Hexanone-d5	8.33	63	77438	88.84	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.84%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	121689	47.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	77797	44.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.82%

Target Compounds

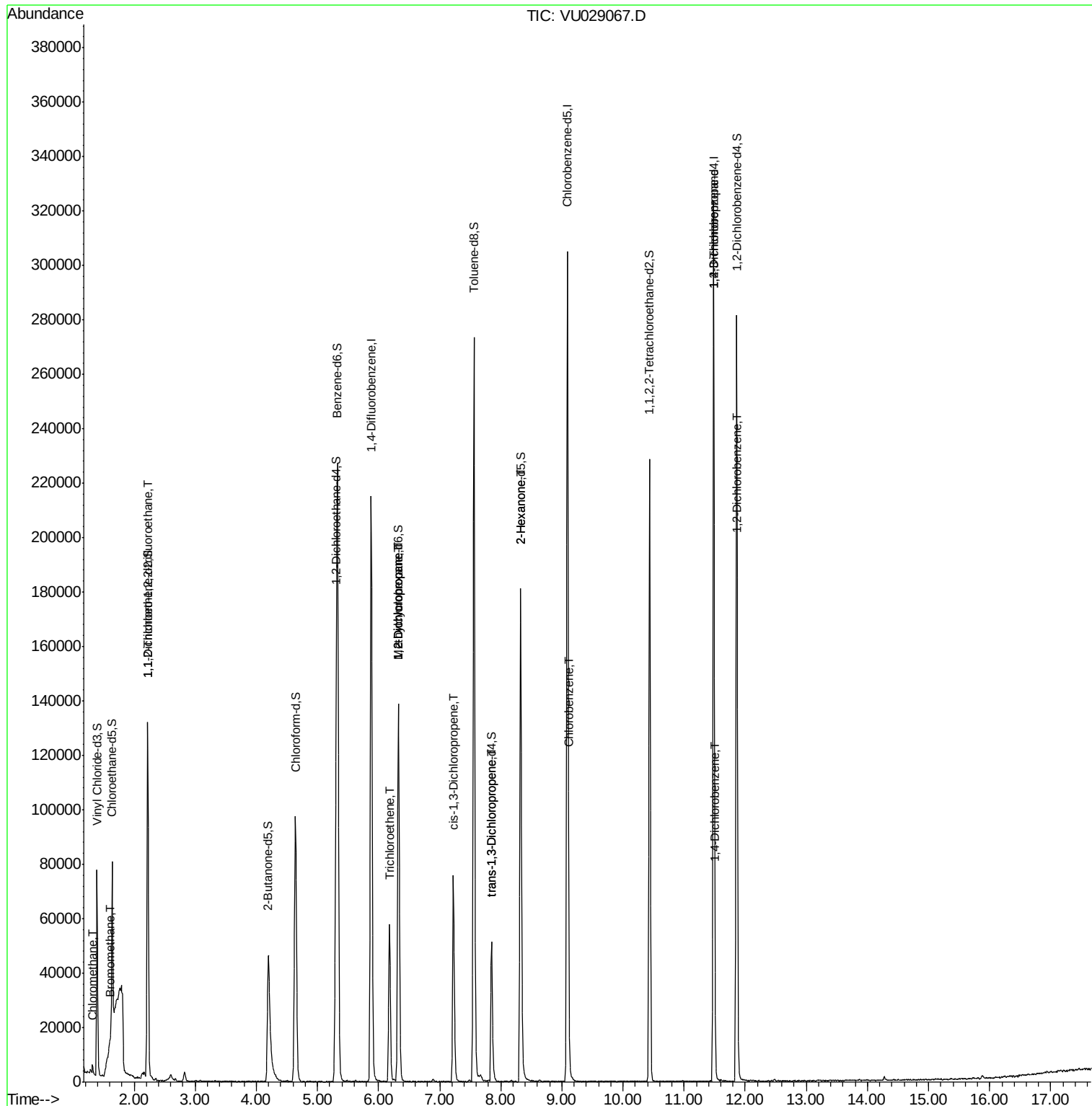
					Qvalue
3) Chloromethane	1.32	50	2594	1.206 ug/L	92
6) Bromomethane	1.59	94	596	0.736 ug/L	75
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	723	0.575 ug/L #	20
34) Trichloroethene	6.18	95	22246	15.136 ug/L	98
35) Methylcyclohexane	6.32	83	16434	6.713 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	7135	4.193 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1521	0.627 ug/L #	50
44) trans-1,3-Dichloropropene	7.85	75	1480	0.684 ug/L	96
48) 2-Hexanone	8.33	43	8691	4.629 ug/L #	64
51) Chlorobenzene	9.12	112	2438	0.627 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	11056	5.444 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	2383	0.850 ug/L	90
65) 1,2-Dichlorobenzene	11.88	146	1949	0.687 ug/L	94

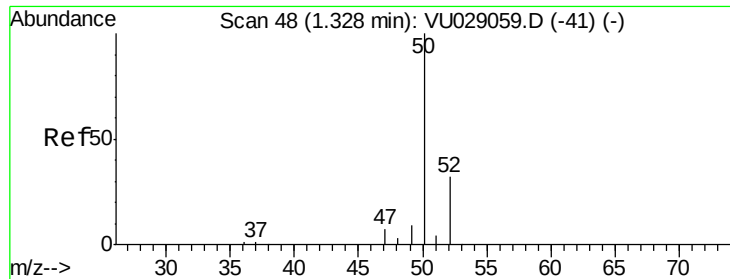
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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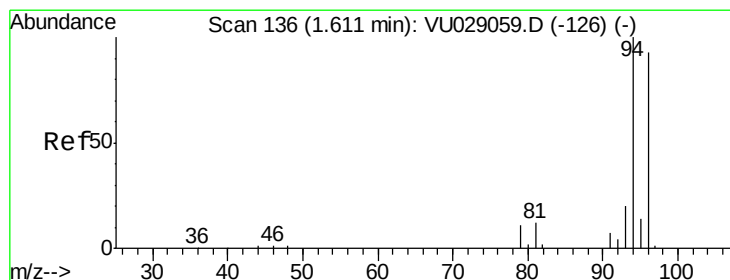
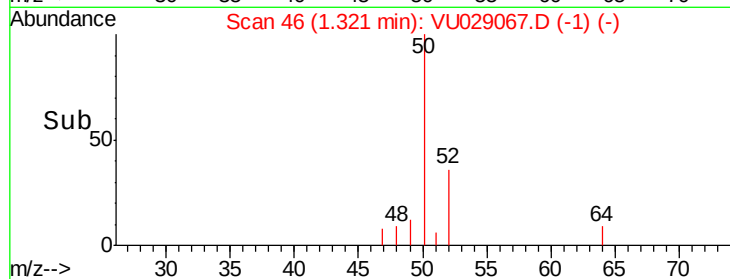
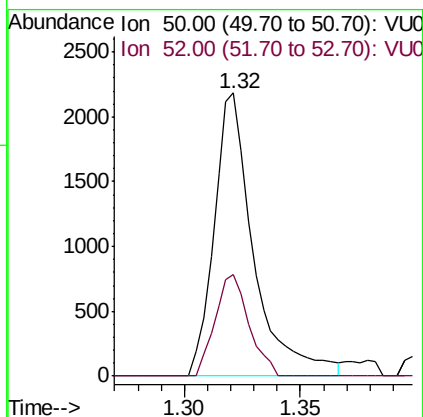
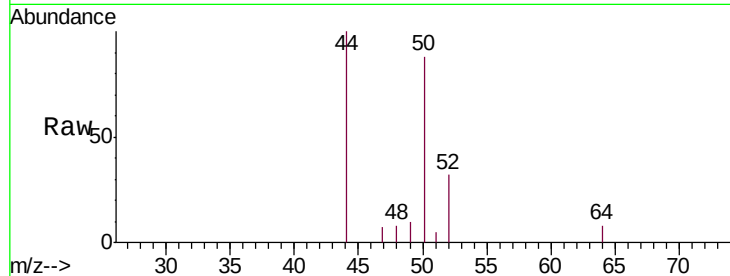




#3
Chloromethane
Concen: 1.206 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU029067.D
Acq: 07 Jan 2019 19:28

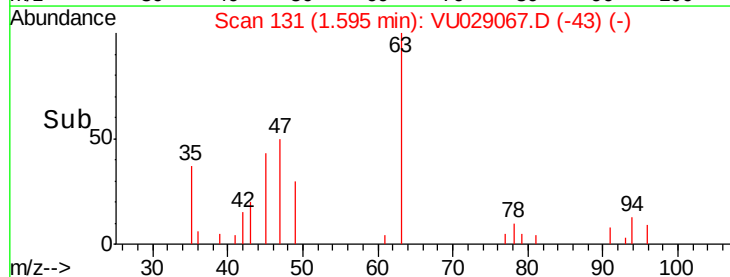
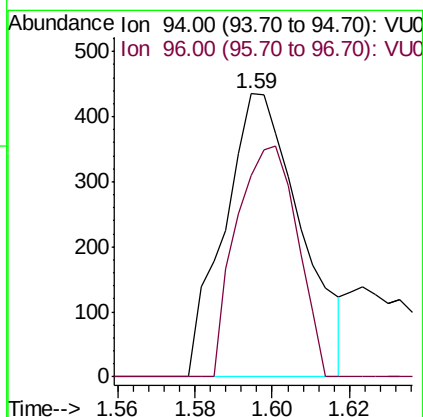
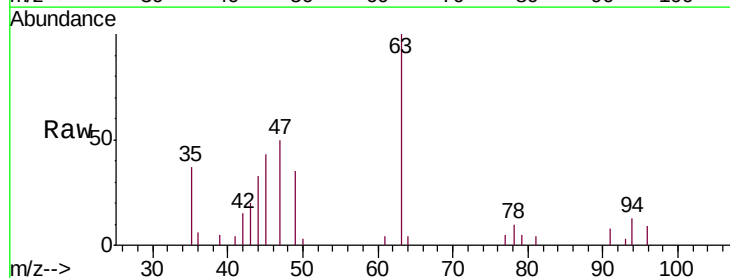
Instrument :
MSVOA_U
ClientSampleId :
BE9W4ME

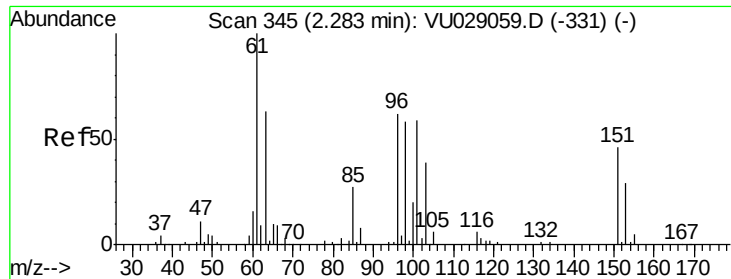
Tgt Ion: 50 Resp: 2594
Ion Ratio Lower Upper
50 100
52 36.1 22.3 41.3



#6
Bromomethane
Concen: 0.736 ug/L
RT: 1.59 min Scan# 131
Delta R.T. -0.02 min
Lab File: VU029067.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 94 Resp: 596
Ion Ratio Lower Upper
94 100
96 71.3 67.3 125.1





#10

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

Concen: 0.575 ug/L

RT: 2.22 min Scan# 327

Delta R.T. -0.06 min

Lab File: VU029067.D

Acq: 07 Jan 2019 19:28

Instrument :

MSVOA_U

ClientSampleId :

BE9W4ME

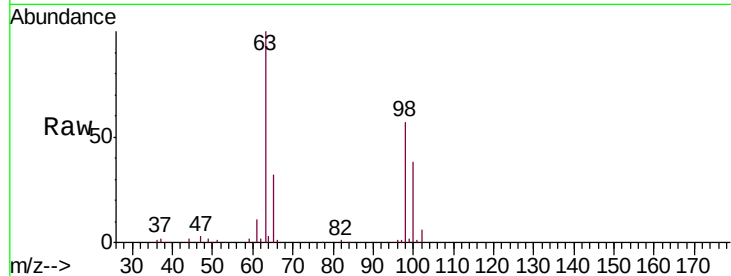
Tgt Ion:101 Resp: 723

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

800

600

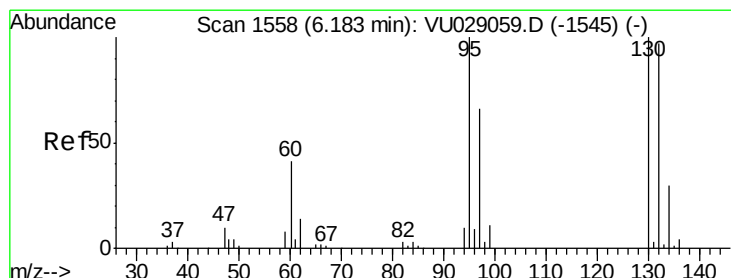
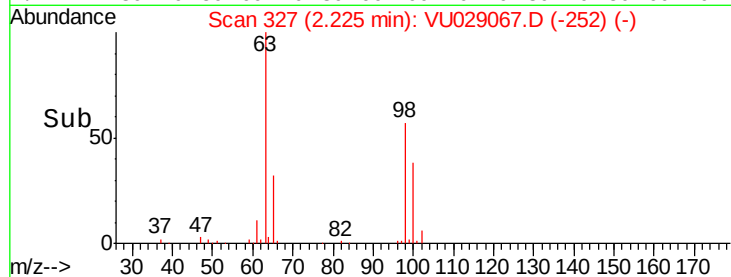
400

200

0

2.20 2.22 2.24

Time-->



#34

Trichloroethene

Concen: 15.136 ug/L

RT: 6.18 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VU029067.D

Acq: 07 Jan 2019 19:28

Tgt Ion: 95 Resp: 22246

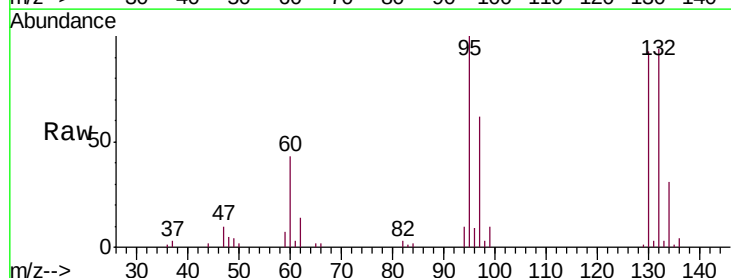
Ion Ratio Lower Upper

95 100

97 62.2 43.3 80.3

132 93.7 64.2 119.2

130 93.1 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

15000

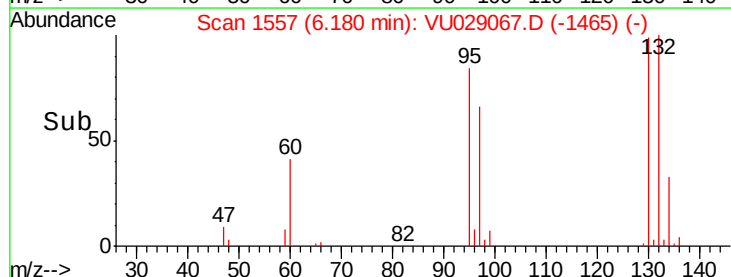
10000

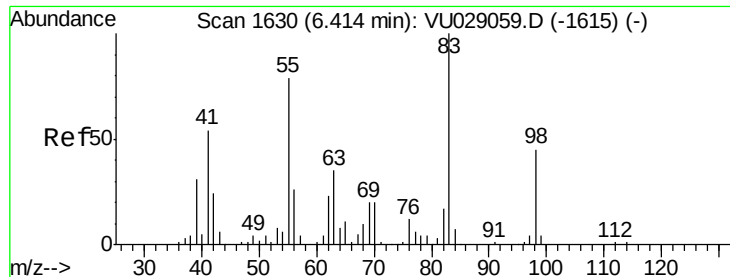
5000

0

6.10 6.15 6.20 6.25

Time-->

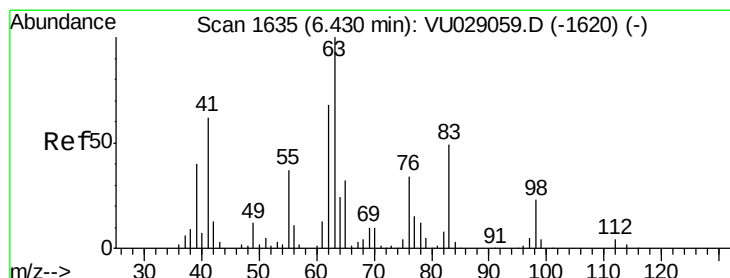
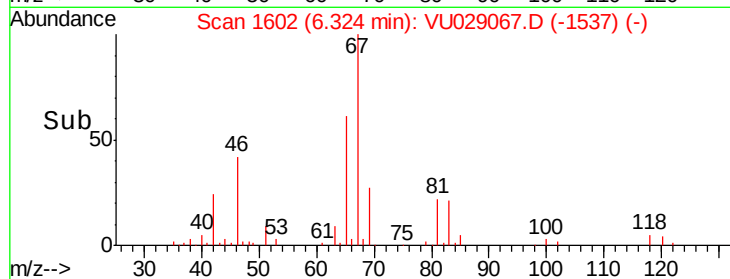
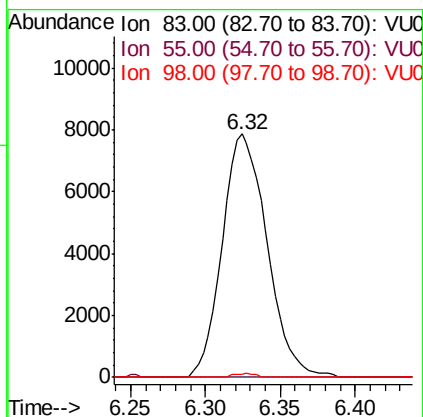
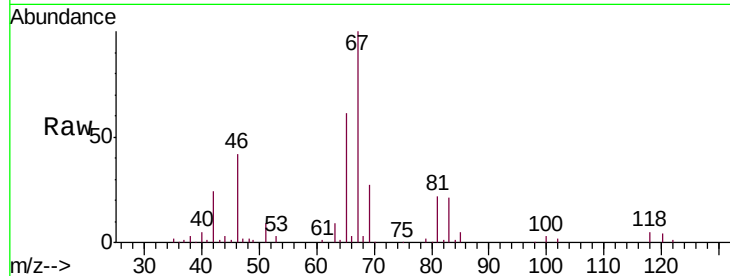




#35
Methylcyclohexane
Concen: 6.713 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.09 min
Lab File: VU029067.D
Acq: 07 Jan 2019 19:28

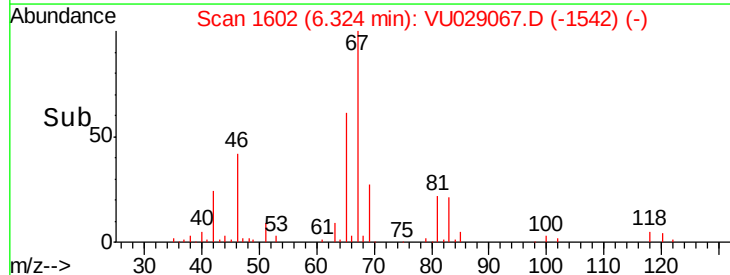
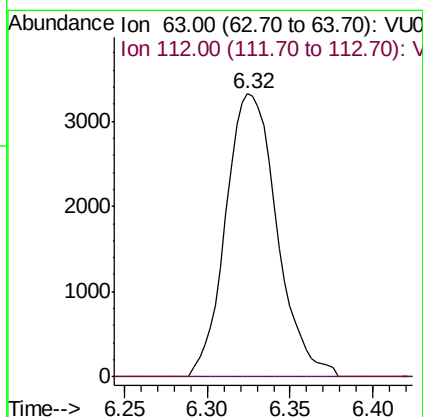
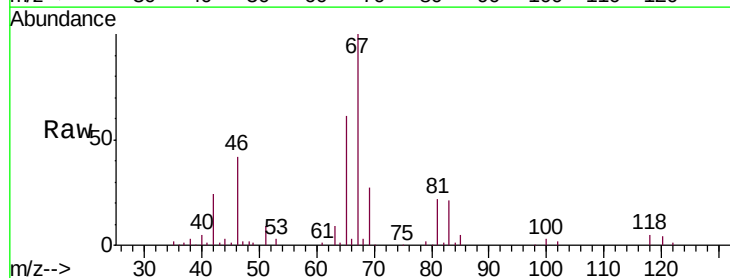
Instrument :
MSVOA_U
ClientSampleId :
BE9W4ME

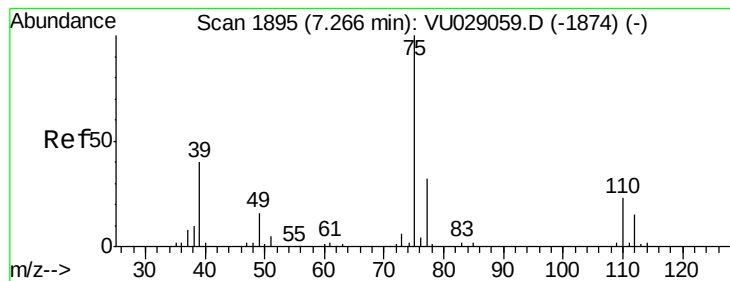
Tgt Ion: 83 Resp: 16434
Ion Ratio Lower Upper
83 100
55 0.3 63.7 95.5#
98 0.0 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 4.193 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.11 min
Lab File: VU029067.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 63 Resp: 7135
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



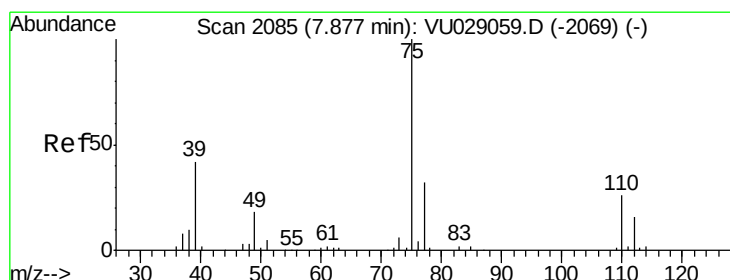
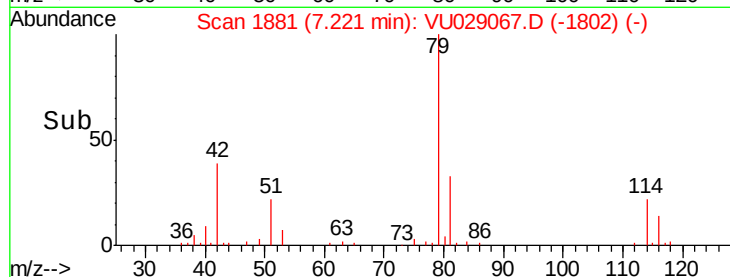
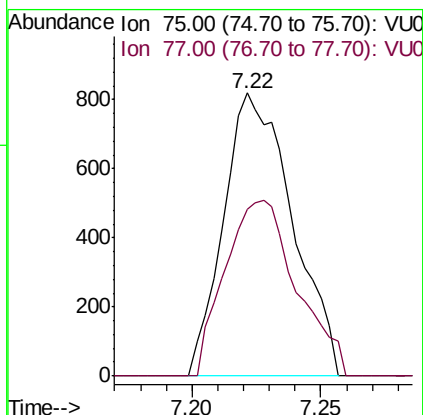
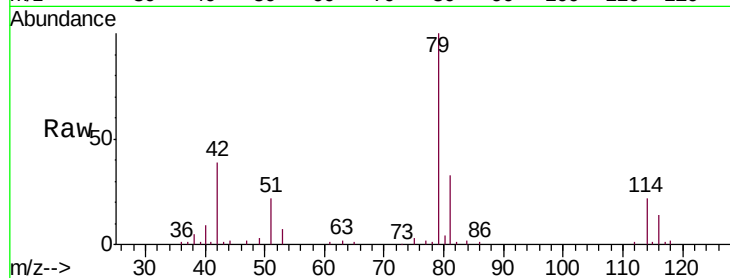


#39

cis-1,3-Dichloropropene
Concen: 0.627 ug/L
RT: 7.22 min Scan# 1881
Delta R.T. -0.04 min
Lab File: VU029067.D
Acq: 07 Jan 2019 19:28

Instrument :
MSVOA_U
ClientSampleId :
BE9W4ME

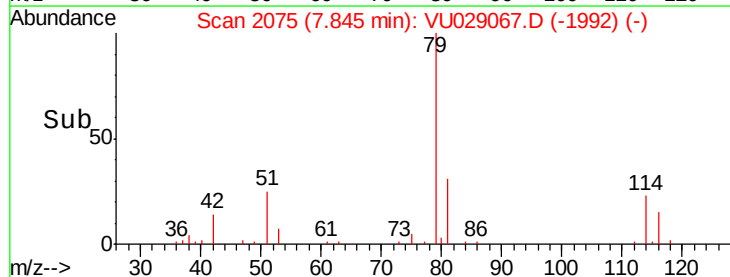
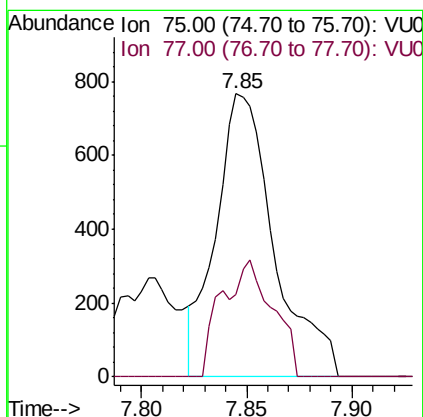
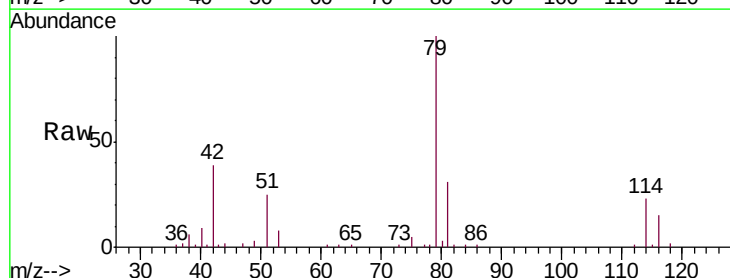
Tgt Ion: 75 Resp: 1521
Ion Ratio Lower Upper
75 100
77 58.7 21.8 40.6#

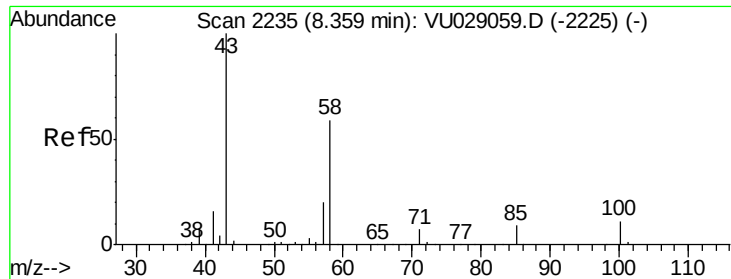


#44

trans-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU029067.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 75 Resp: 1480
Ion Ratio Lower Upper
75 100
77 28.9 21.8 40.6

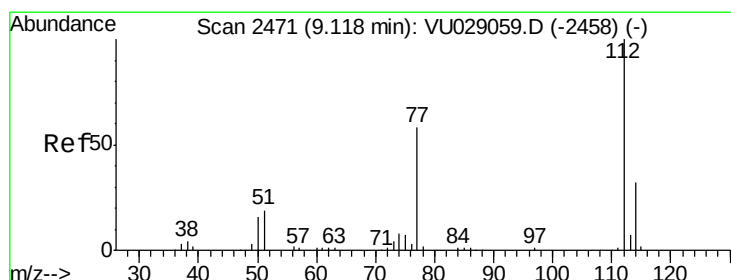
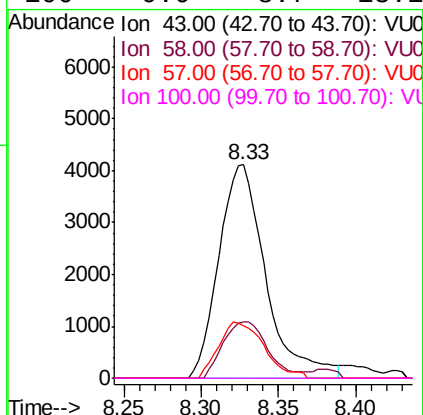
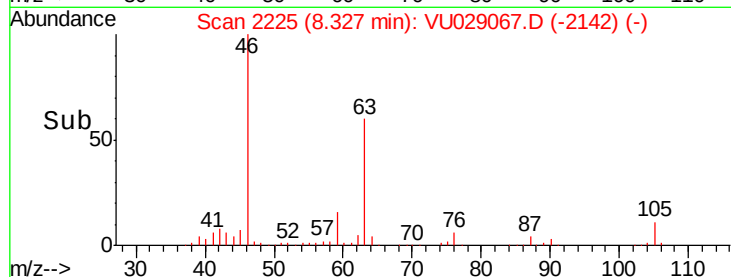
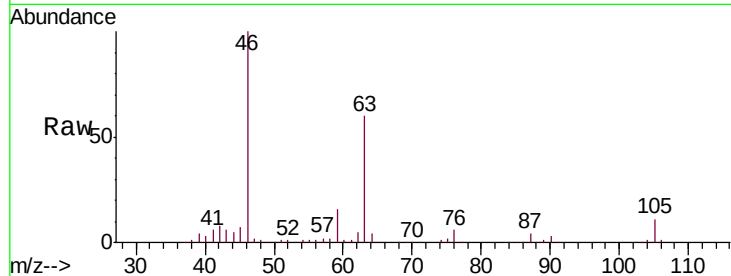




#48
2-Hexanone
Concen: 4.629 ug/L
RT: 8.33 min Scan# 2225
Delta R.T. -0.03 min
Lab File: VU029067.D
Acq: 07 Jan 2019 19:28

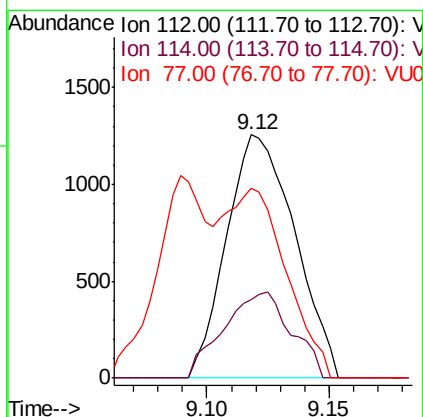
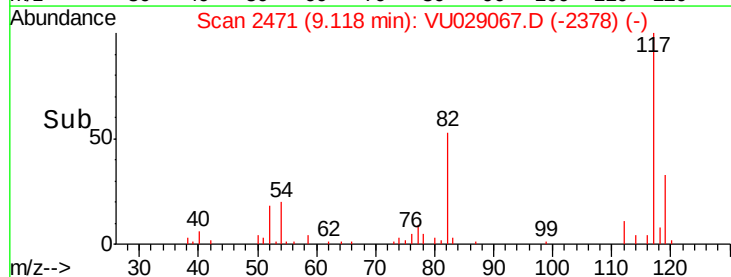
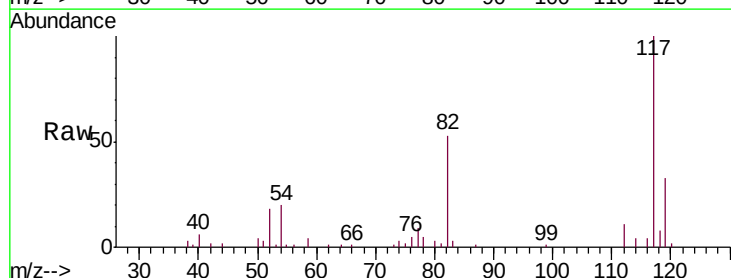
Instrument :
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ClientSampleId :
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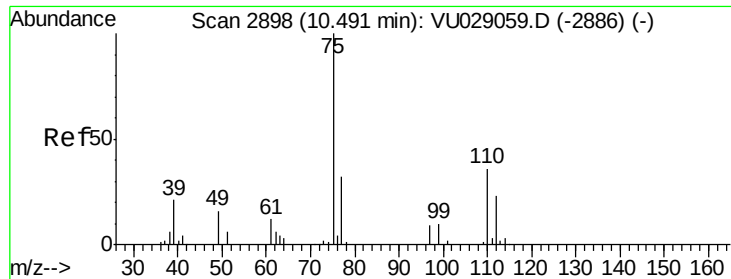
Tgt Ion: 43 Resp: 8691
Ion Ratio Lower Upper
43 100
58 24.8 45.9 68.9#
57 24.9 15.0 22.4#
100 0.0 8.7 13.1#



#51
Chlorobenzene
Concen: 0.627 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029067.D
Acq: 07 Jan 2019 19:28

Tgt Ion: 112 Resp: 2438
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 77.7 47.8 71.8#

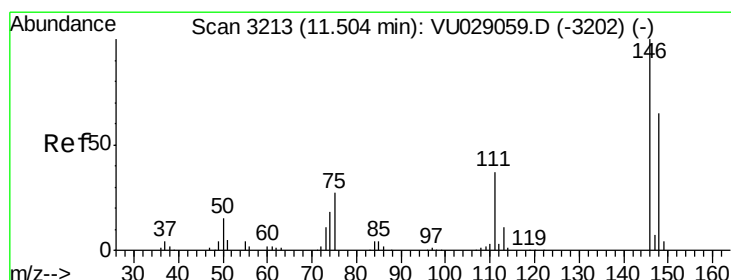
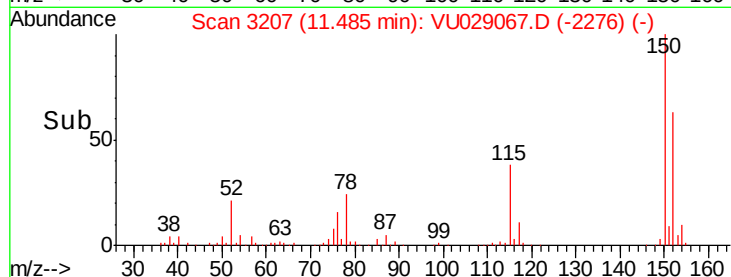
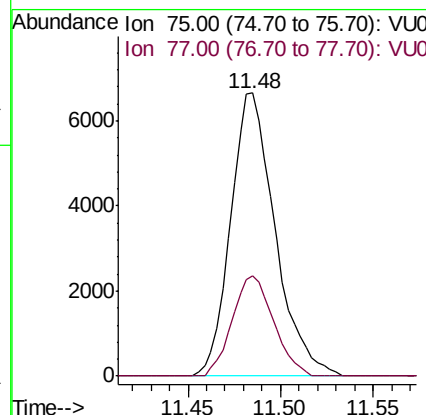
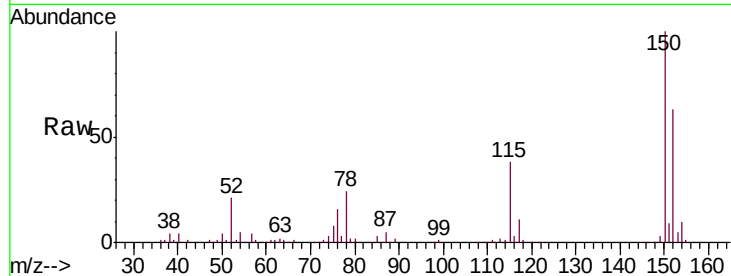




#59
 1,2,3-Trichloropropane
 Concen: 5.444 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU029067.D
 Acq: 07 Jan 2019 19:28

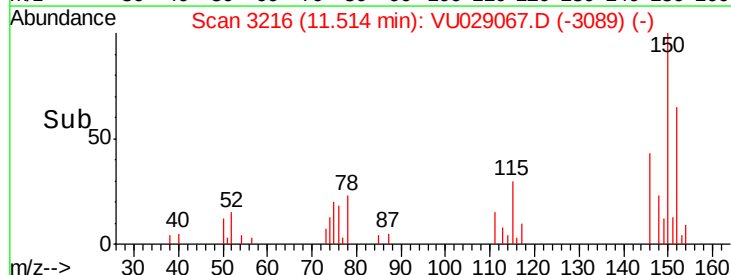
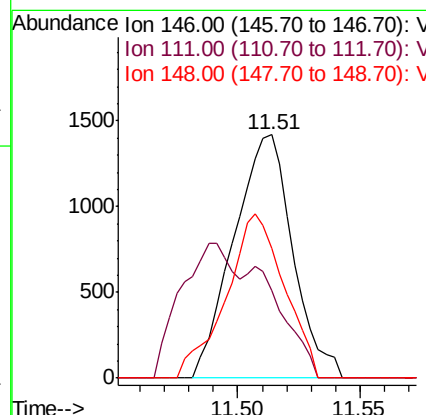
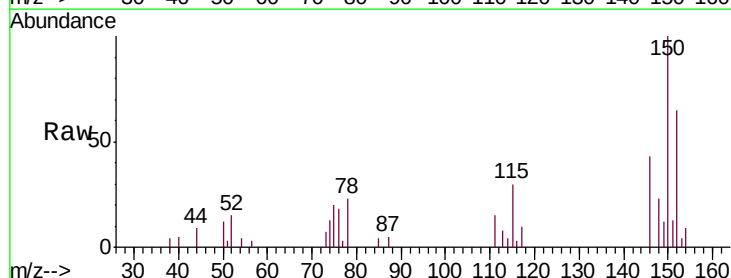
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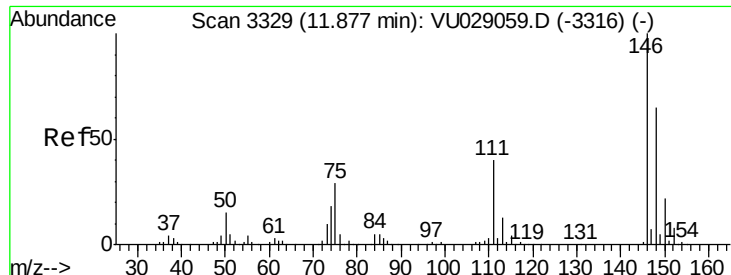
Tgt Ion: 75 Resp: 11056
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3



#63
 1,4-Dichlorobenzene
 Concen: 0.850 ug/L
 RT: 11.51 min Scan# 3216
 Delta R.T. 0.01 min
 Lab File: VU029067.D
 Acq: 07 Jan 2019 19:28

Tgt Ion: 146 Resp: 2383
 Ion Ratio Lower Upper
 146 100
 111 35.7 26.5 49.1
 148 53.5 45.1 83.9

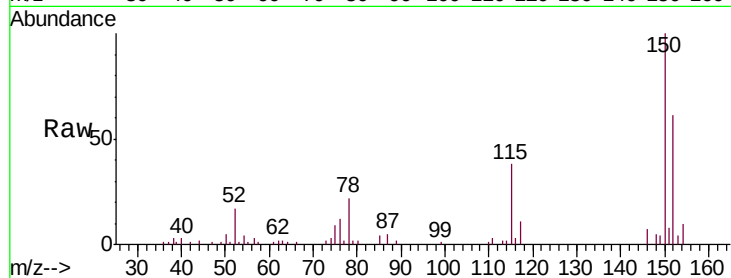




#65
 1,2-Dichlorobenzene
 Concen: 0.687 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU029067.D
 Acq: 07 Jan 2019 19:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BE9W4ME

Tgt Ion:146 Resp: 1949
 Ion Ratio Lower Upper
 146 100
 111 42.4 32.1 48.1
 148 67.9 49.7 74.5



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

