

Data File : VU028232.D
Acq On : 17 Nov 2018 18:18
Operator : MD/SY
Sample : J5986-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

Quant Time: Nov 19 03:11:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53534	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.68	69	45119	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.28	63	78925	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.20	46	195631	52.01	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.02%
24) Chloroform-d	4.65	84	96760	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	57141	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.34	84	199072	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.33	67	73142	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.57	98	169422	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.85	79	22267	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.31	63	141974	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52699	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	57719	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	76268	5.031	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	579	0.060	ug/L #	21
13) Acetone	2.31	43	1430	0.553	ug/L	76
15) Methyl Acetate	2.63	43	857	0.125	ug/L #	59
16) Methylene chloride	2.70	84	9874	0.852	ug/L	93
17) Methyl tert-butyl Ether	3.01	73	33859	1.226	ug/L	93
18) trans-1,2-Dichloroethene	2.99	96	7466	0.762	ug/L	89
19) 1,1-Dichloroethane	3.45	63	1741	0.077	ug/L #	87
22) cis-1,2-Dichloroethene	4.23	96	92696	8.006	ug/L	99
25) Chloroform	4.68	83	5756	0.234	ug/L	90
35) Methylcyclohexane	6.34	83	15000	0.799	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8023	0.577	ug/L #	92
48) 2-Hexanone	8.37	43	1885	0.266	ug/L #	52
49) Dibromochloromethane	8.24	129	435	0.051	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	9395	1.170	ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration

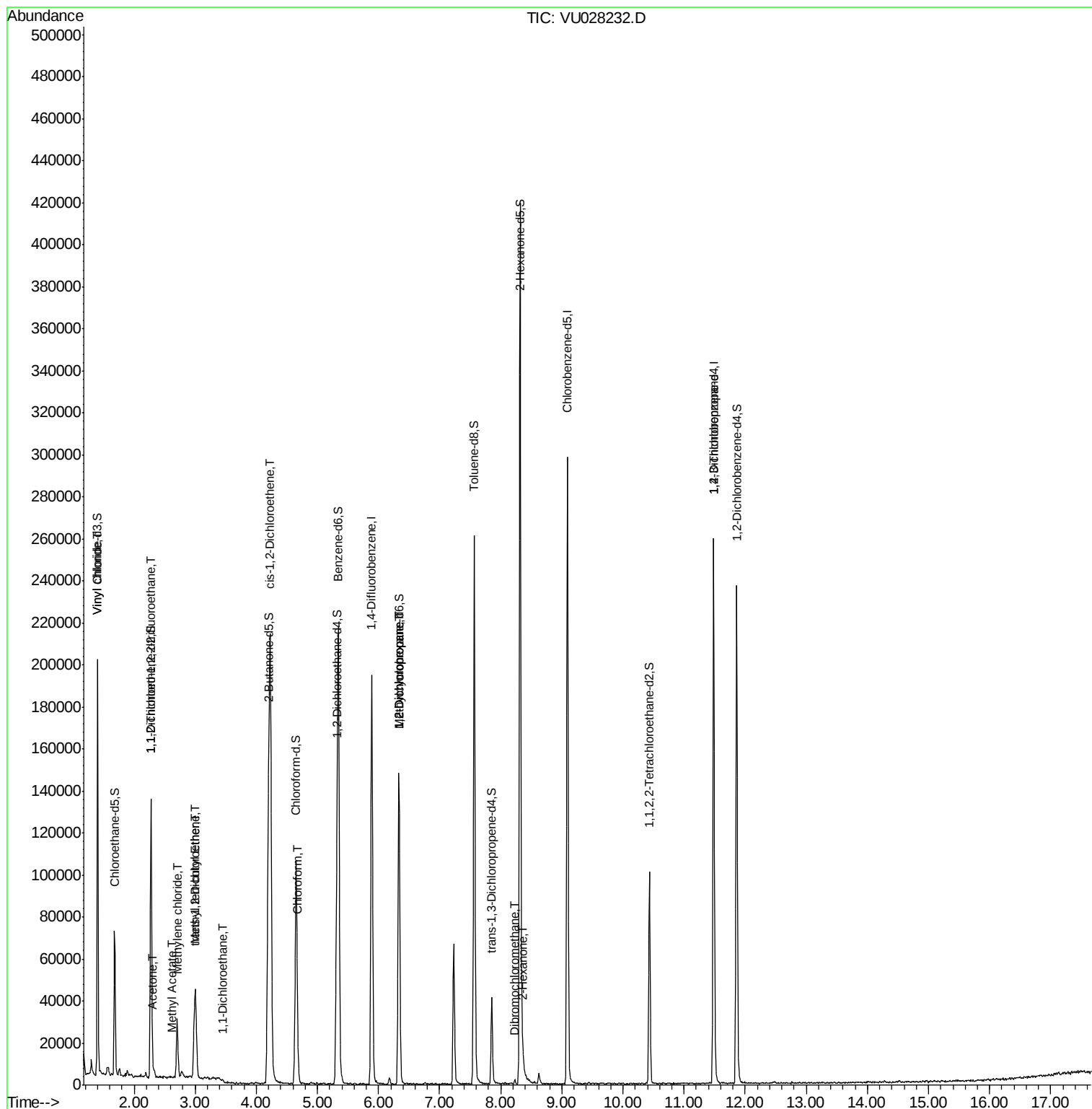
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

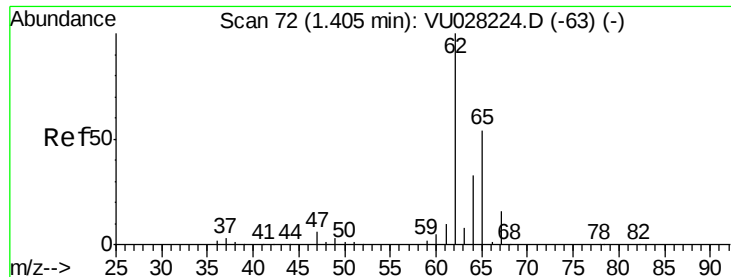
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.031 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028232.D

Acq: 17 Nov 2018 18:18

Instrument :

MSVOA_U

ClientSampleId :

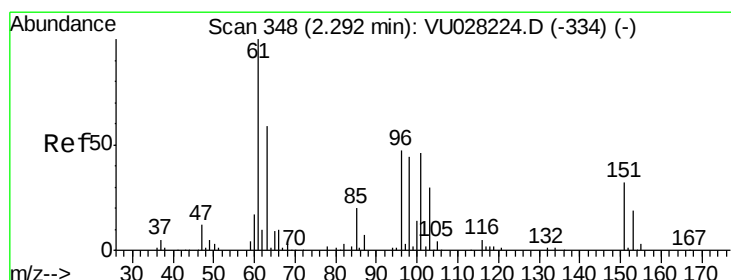
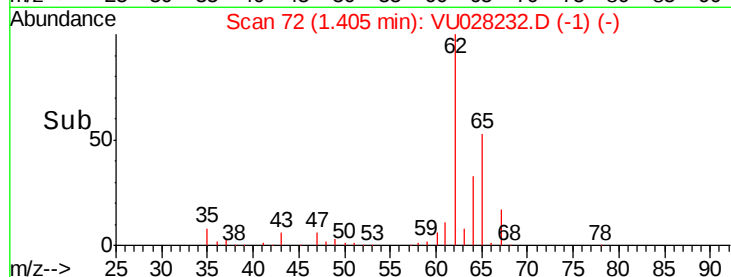
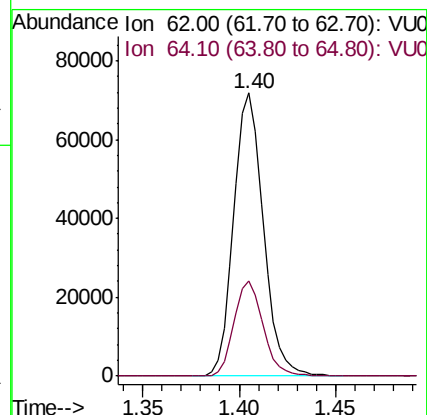
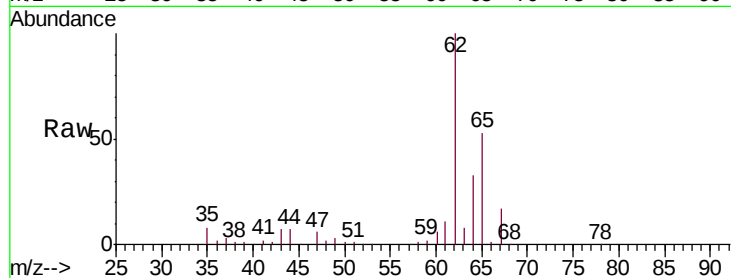
H0FJ6DL

Tgt Ion: 62 Resp: 76268

Ion Ratio Lower Upper

62 100

64 33.5 21.7 40.3



#10

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

Concen: 0.060 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028232.D

Acq: 17 Nov 2018 18:18

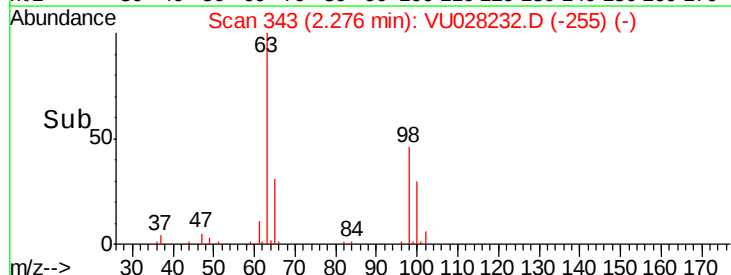
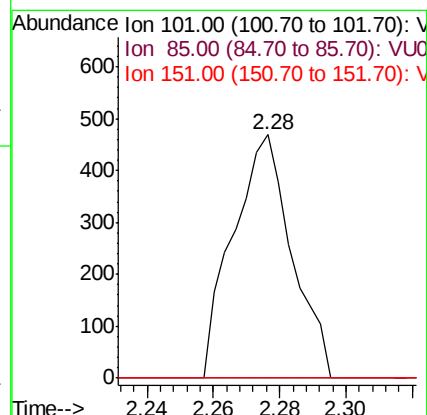
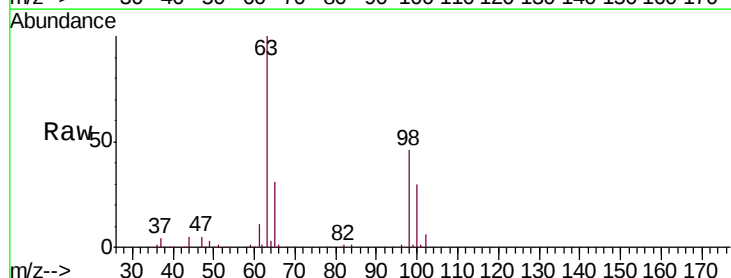
Tgt Ion: 101 Resp: 579

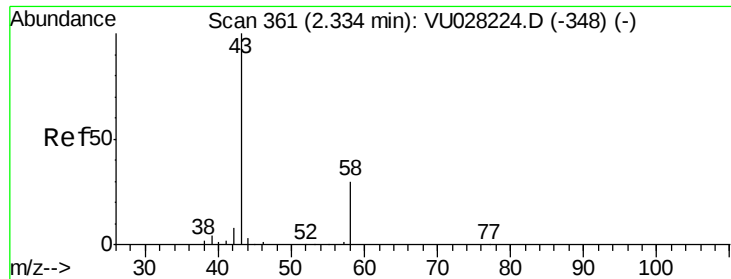
Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

151 0.0 55.0 82.4#





#13

Acetone

Concen: 0.553 ug/L

RT: 2.31 min Scan# 354

Delta R.T. -0.04 min

Lab File: VU028232.D

Acq: 17 Nov 2018 18:18

Instrument :

MSVOA_U

ClientSampleId :

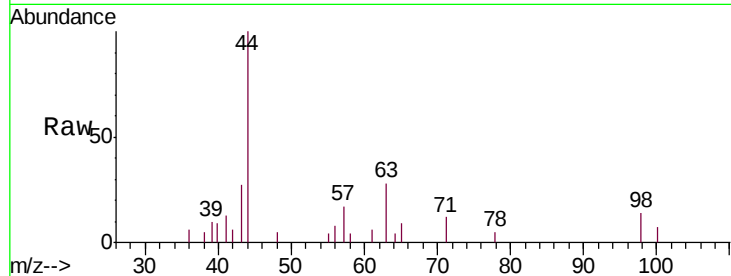
H0FJ6DL

Tgt Ion: 43 Resp: 1430

Ion Ratio Lower Upper

43 100

58 16.4 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.31

800

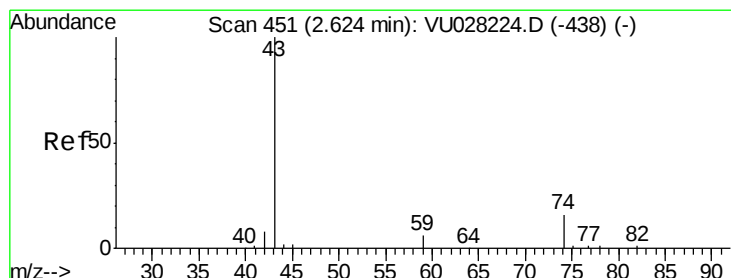
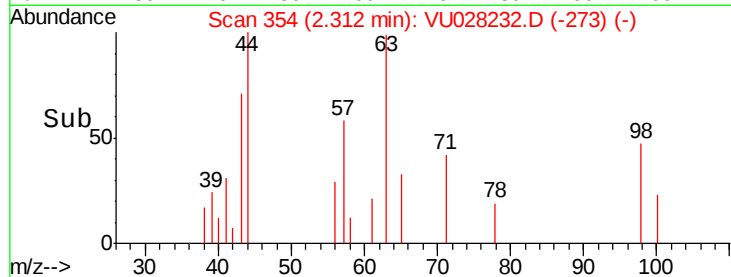
600

400

200

0

Time-->



#15

Methyl Acetate

Concen: 0.125 ug/L

RT: 2.63 min Scan# 452

Delta R.T. -0.00 min

Lab File: VU028232.D

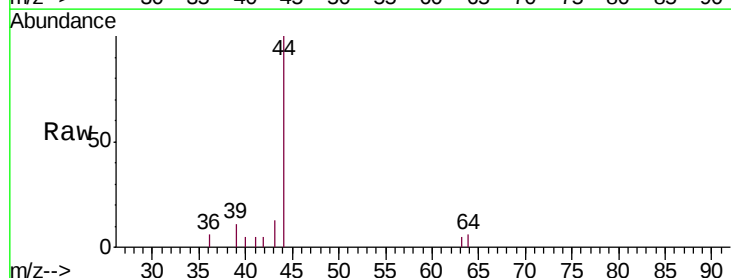
Acq: 17 Nov 2018 18:18

Tgt Ion: 43 Resp: 857

Ion Ratio Lower Upper

43 100

74 0.0 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.63

400

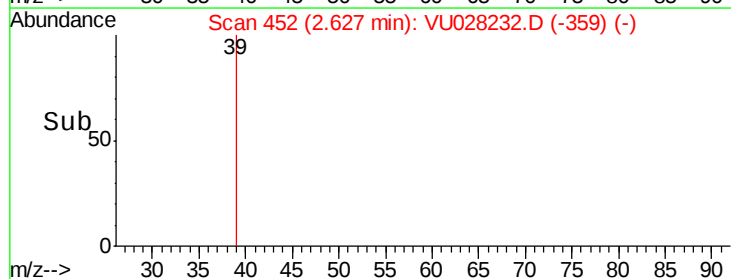
300

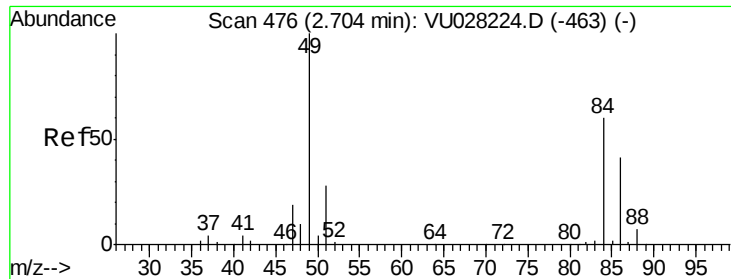
200

100

0

Time-->

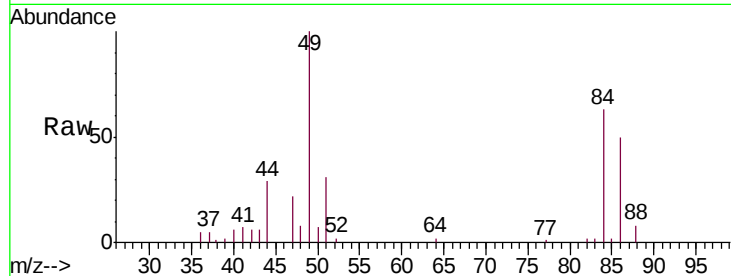




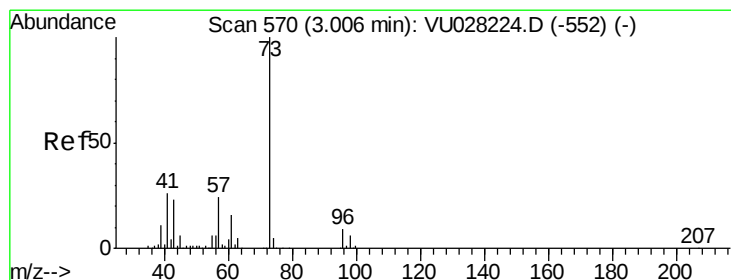
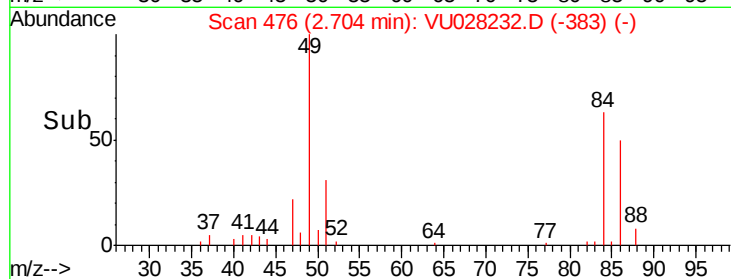
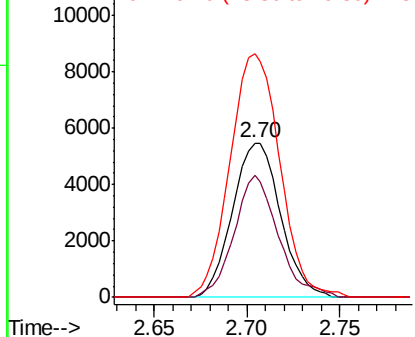
#16
Methylene chloride
Concen: 0.852 ug/L
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU028232.D
Acq: 17 Nov 2018 18:18

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

Tgt Ion: 84 Resp: 9874
Ion Ratio Lower Upper
84 100
86 78.8 45.3 84.1
49 158.1 107.9 200.5

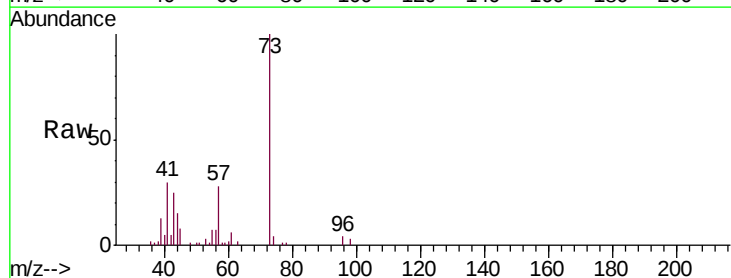


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

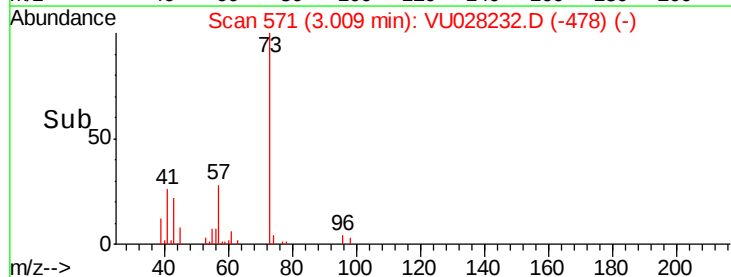
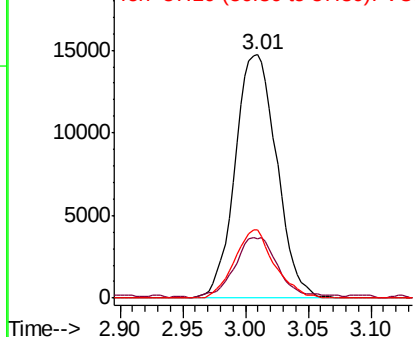


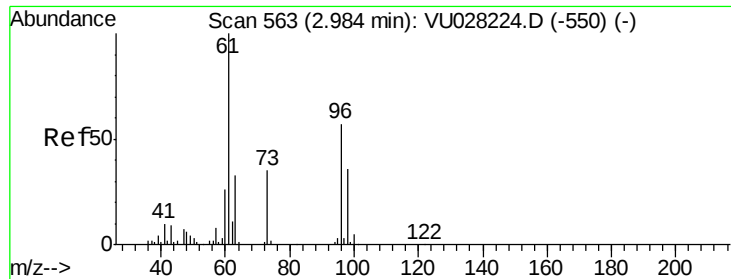
#17
Methyl tert-butyl Ether
Concen: 1.226 ug/L
RT: 3.01 min Scan# 571
Delta R.T. -0.00 min
Lab File: VU028232.D
Acq: 17 Nov 2018 18:18

Tgt Ion: 73 Resp: 33859
Ion Ratio Lower Upper
73 100
43 26.9 18.8 28.2
57 27.0 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

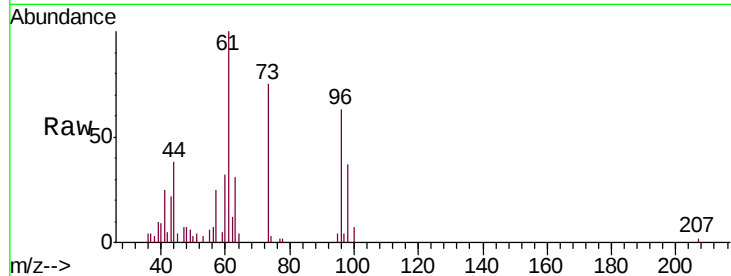




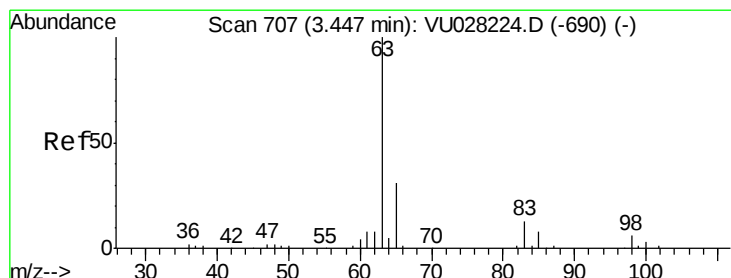
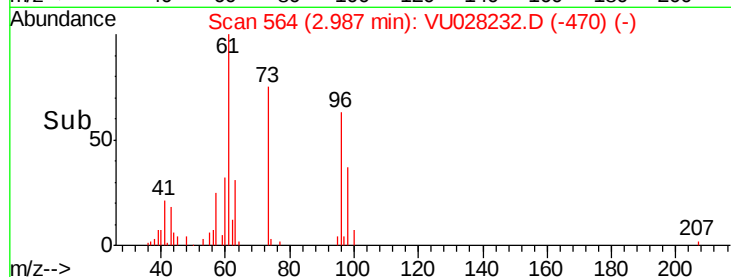
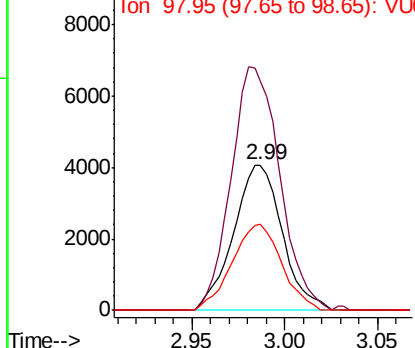
#18
trans-1,2-Dichloroethene
Concen: 0.762 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU028232.D
Acq: 17 Nov 2018 18:18

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

Tgt Ion: 96 Resp: 7466
Ion Ratio Lower Upper
96 100
61 157.5 122.2 227.0
98 58.9 44.9 83.5

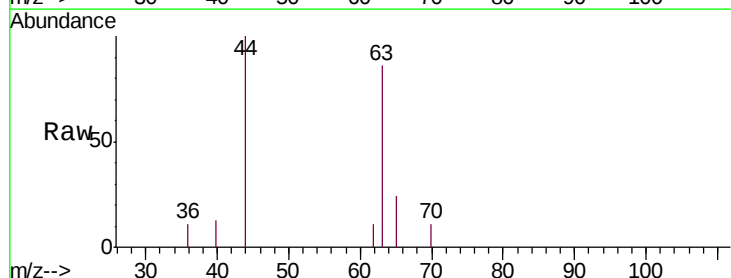


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

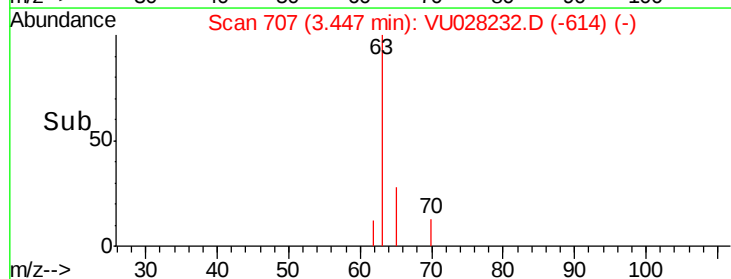
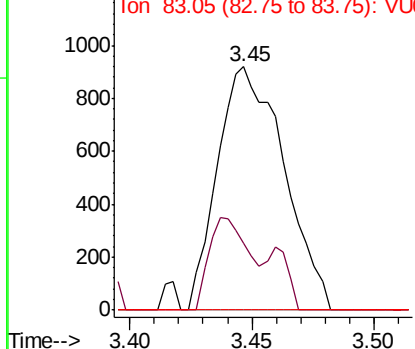


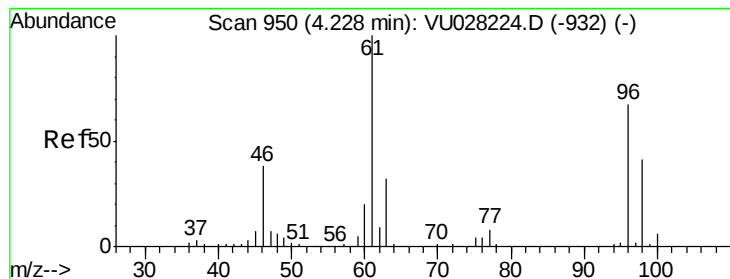
#19
1,1-Dichloroethane
Concen: 0.077 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028232.D
Acq: 17 Nov 2018 18:18

Tgt Ion: 63 Resp: 1741
Ion Ratio Lower Upper
63 100
65 27.5 21.2 39.4
83 0.0 8.8 16.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0



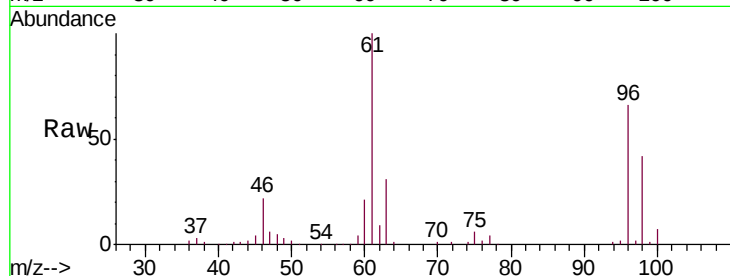


#22

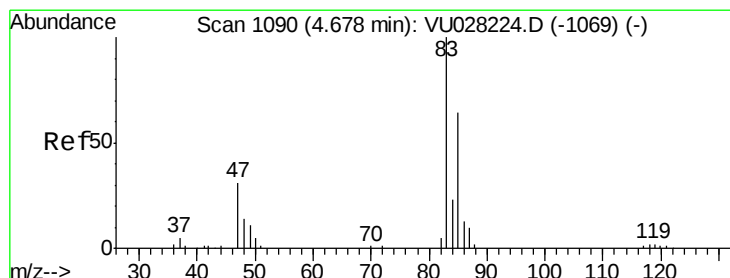
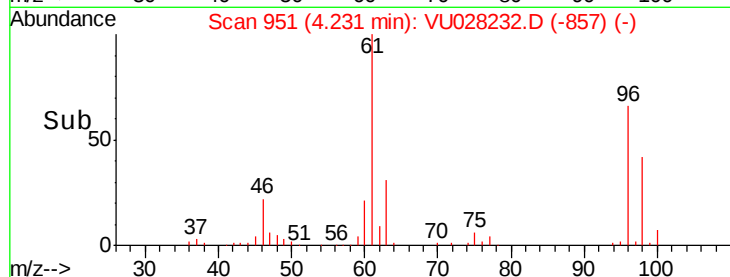
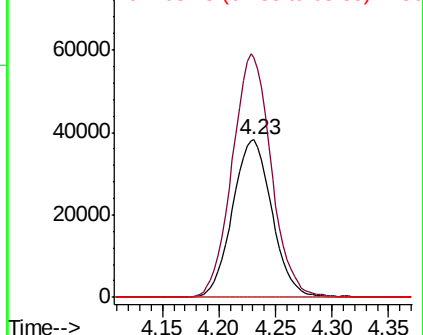
cis-1,2-Dichloroethene
 Concen: 8.006 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU028232.D
 Acq: 17 Nov 2018 18:18

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ6DL

Tgt Ion: 96 Resp: 92696
 Ion Ratio Lower Upper
 96 100
 61 152.6 108.0 200.6
 68 0.0 0.0 0.0



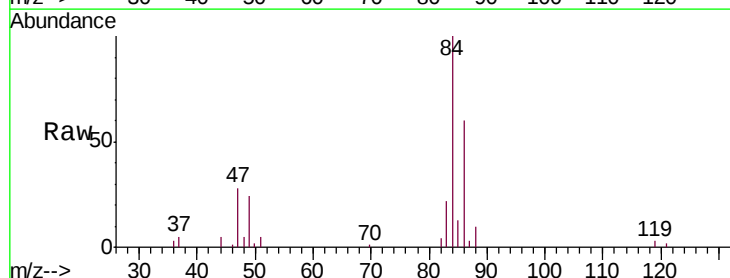
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



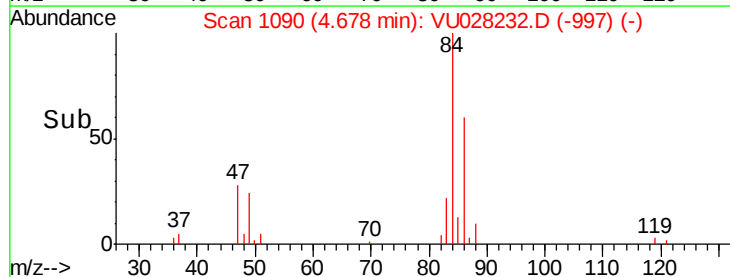
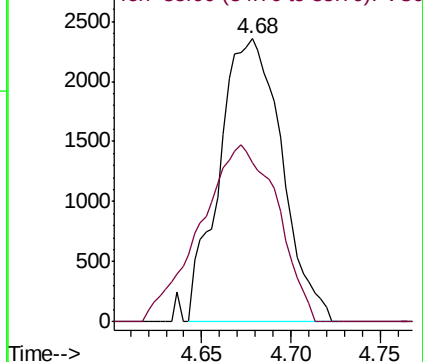
#25

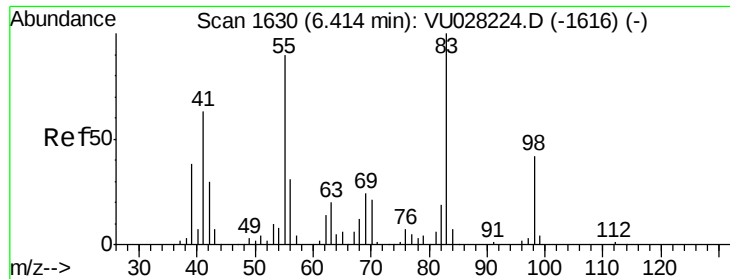
Chloroform
 Concen: 0.234 ug/L
 RT: 4.68 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VU028232.D
 Acq: 17 Nov 2018 18:18

Tgt Ion: 83 Resp: 5756
 Ion Ratio Lower Upper
 83 100
 85 56.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

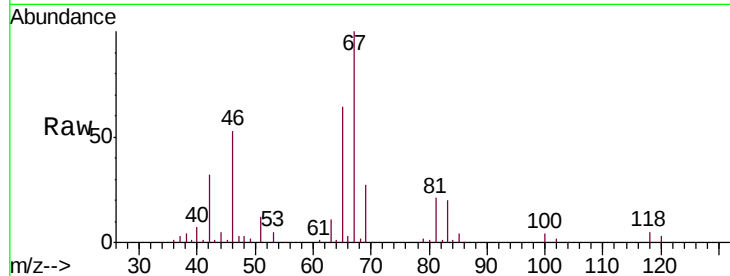




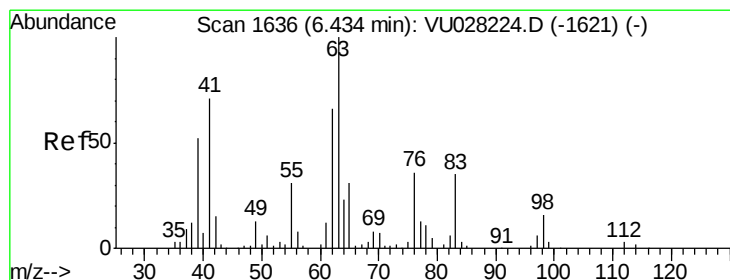
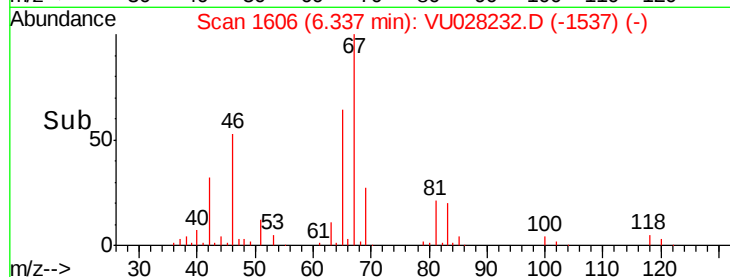
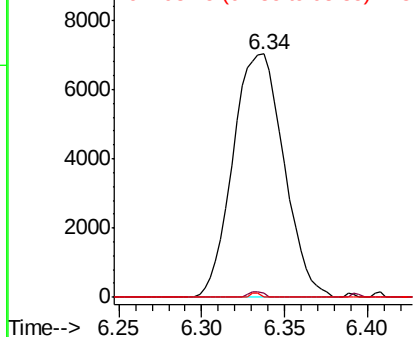
#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.08 min
Lab File: VU028232.D
Acq: 17 Nov 2018 18:18

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

Tgt Ion: 83 Resp: 15000
Ion Ratio Lower Upper
83 100
55 0.7 73.2 109.8#
98 0.3 33.4 50.2#

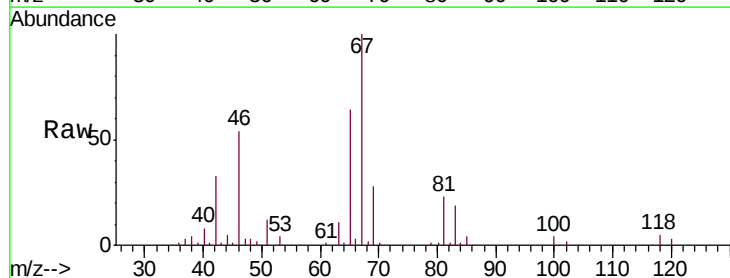


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

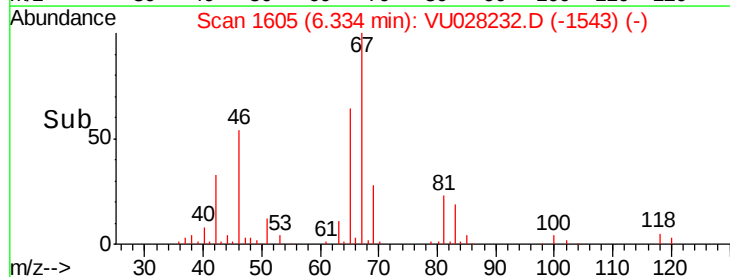
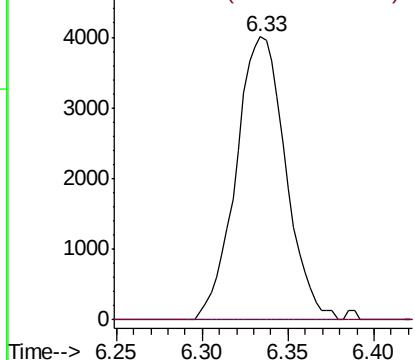


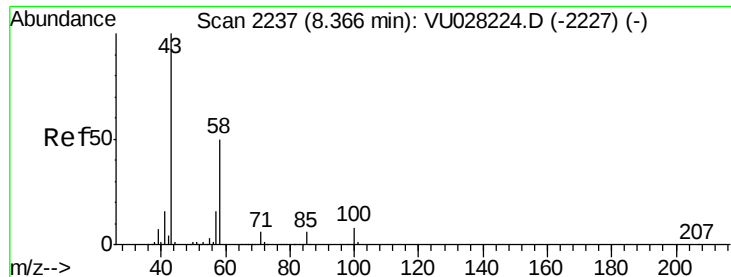
#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028232.D
Acq: 17 Nov 2018 18:18

Tgt Ion: 63 Resp: 8023
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

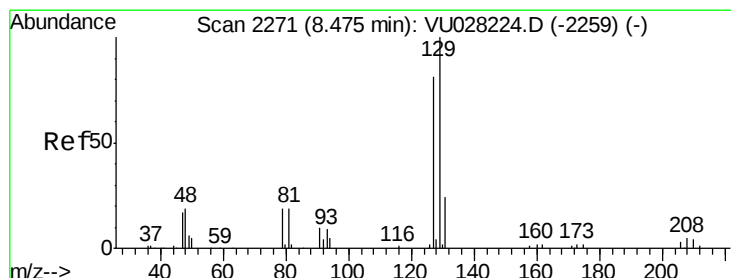
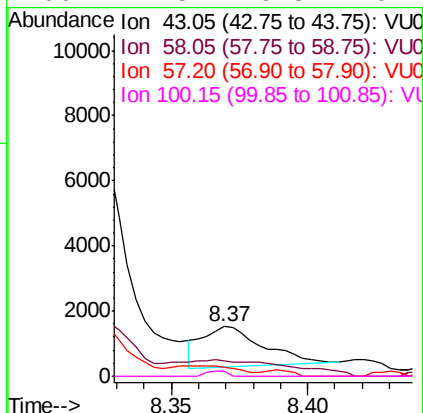
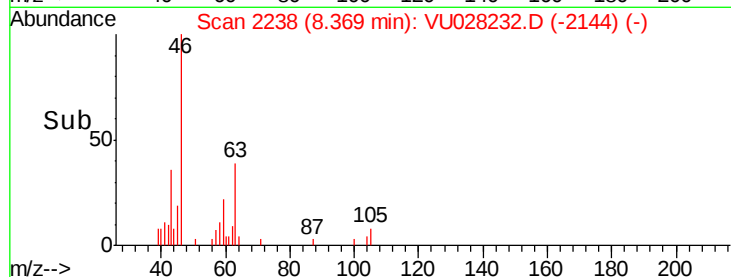
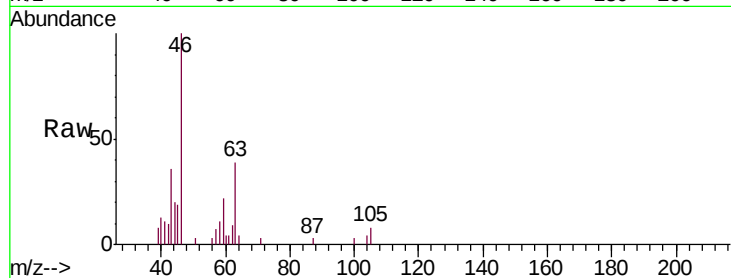




#48
2-Hexanone
Concen: 0.266 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028232.D
Acq: 17 Nov 2018 18:18

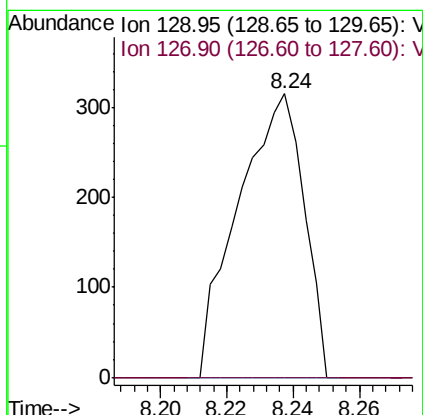
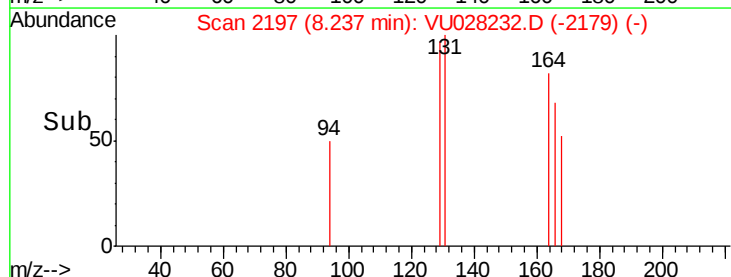
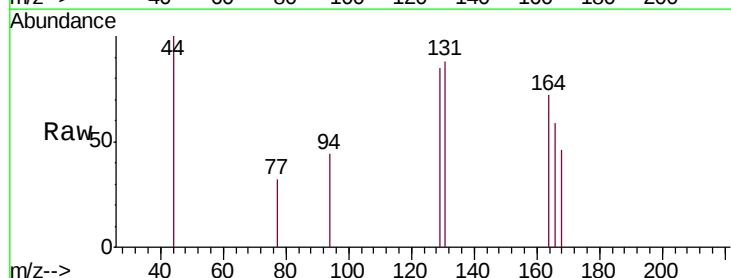
Instrument :
MSVOA_U
ClientSampleId :
H0FJ6DL

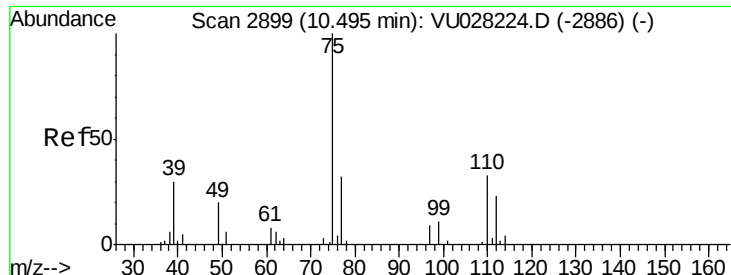
Tgt Ion: 43 Resp: 1885
Ion Ratio Lower Upper
43 100
58 9.1 41.1 61.7#
57 29.5 13.8 20.8#
100 4.5 6.5 9.7#



#49
Dibromochloromethane
Concen: 0.051 ug/L
RT: 8.24 min Scan# 2197
Delta R.T. -0.24 min
Lab File: VU028232.D
Acq: 17 Nov 2018 18:18

Tgt Ion: 129 Resp: 435
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 1.170 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028232.D

Acq: 17 Nov 2018 18:18

Instrument :

MSVOA_U

ClientSampleId :

H0FJ6DL

Tgt Ion: 75 Resp: 9395

Ion Ratio Lower Upper

75 100

77 38.1 25.7 38.5

