

Data File : VU028234.D
Acq On : 17 Nov 2018 19:06
Operator : MD/SY
Sample : J5986-05DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FG9DL

Quant Time: Nov 19 03:12:01 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	149467	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	141336	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51221	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	44332	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.28	63	75463	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.20	46	183953	48.87	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.74%
24) Chloroform-d	4.65	84	92840	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.31	65	54374	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.34	84	188112	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.33	67	69109	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.57	98	162776	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	20291	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.31	63	137658	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	49191	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	56189	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	39344	2.593	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	605	0.062	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	718	0.078	ug/L #	1
16) Methylene chloride	2.71	84	2357	0.203	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	2637	0.095	ug/L #	84
18) trans-1,2-Dichloroethene	2.98	96	615	0.063	ug/L #	60
22) cis-1,2-Dichloroethene	4.23	96	101463	8.757	ug/L	99
25) Chloroform	4.68	83	6187	0.252	ug/L	94
27) 1,2-Dichloroethane	5.34	62	1050	0.075	ug/L #	78
35) Methylcyclohexane	6.33	83	14280	0.794	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	6892	0.518	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	1355	0.080	ug/L	92
48) 2-Hexanone	8.37	43	2492	0.367	ug/L #	54
49) Dibromochloromethane	8.23	129	347	0.043	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	9349	1.216	ug/L	99

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

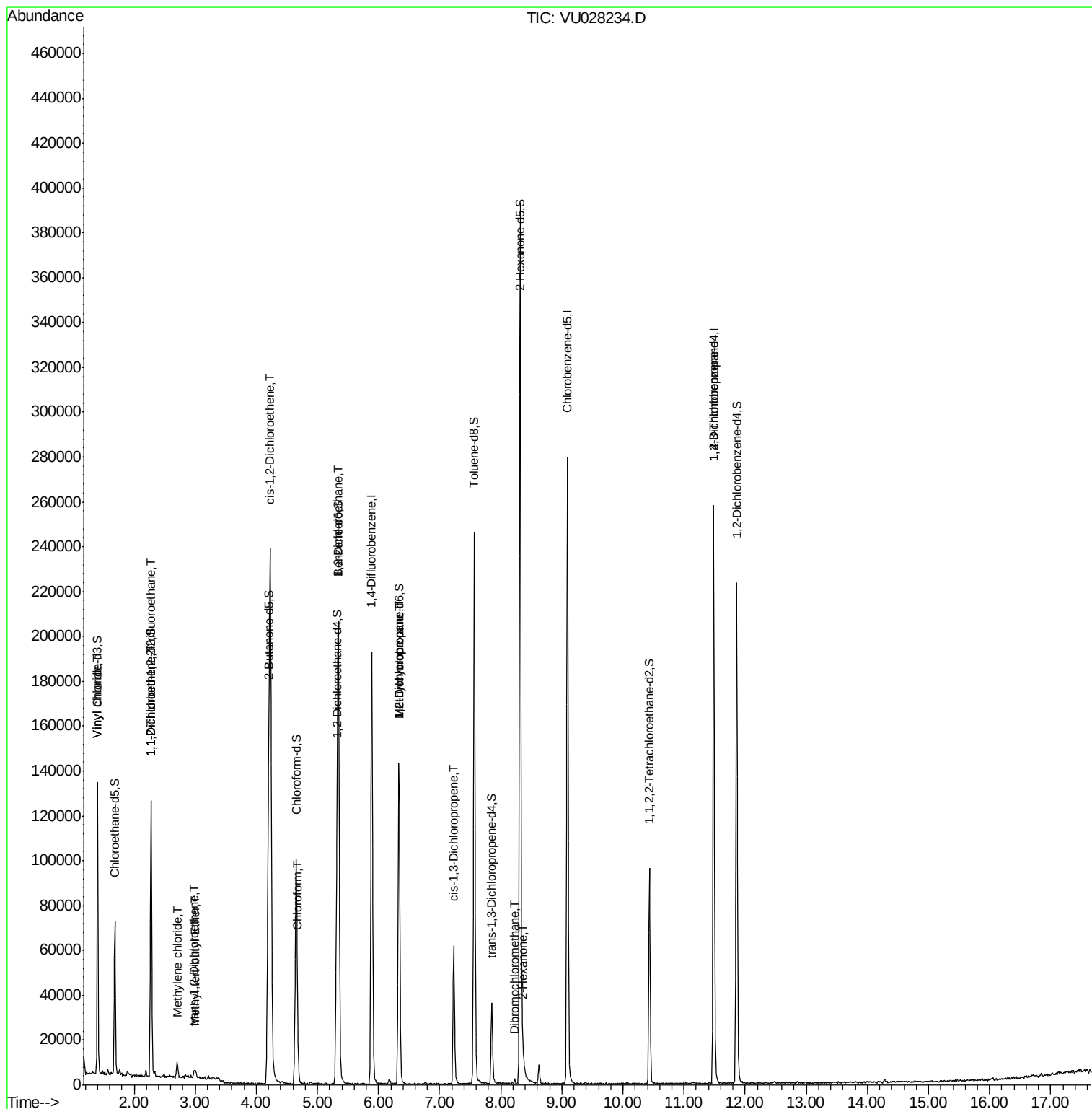
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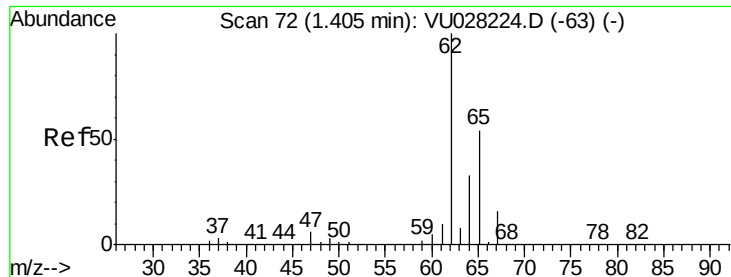
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#5

Vinyl chloride

Concen: 2.593 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028234.D

Acq: 17 Nov 2018 19:06

Instrument :

MSVOA_U

ClientSampleId :

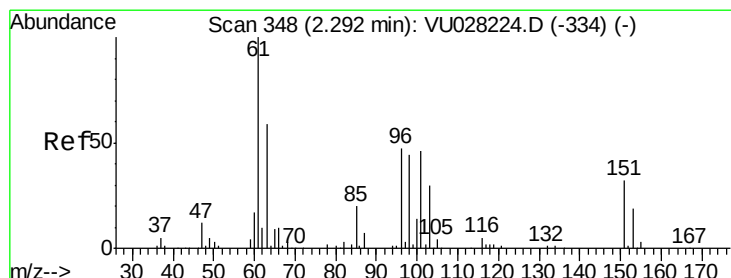
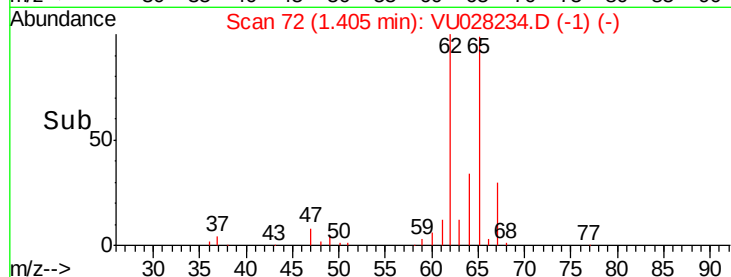
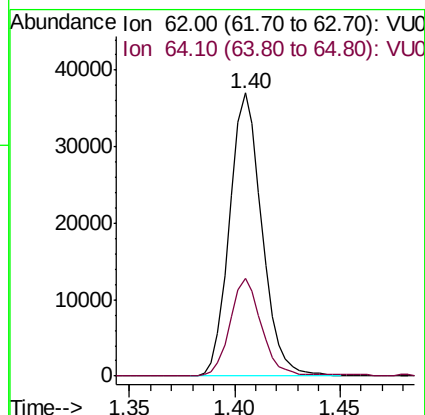
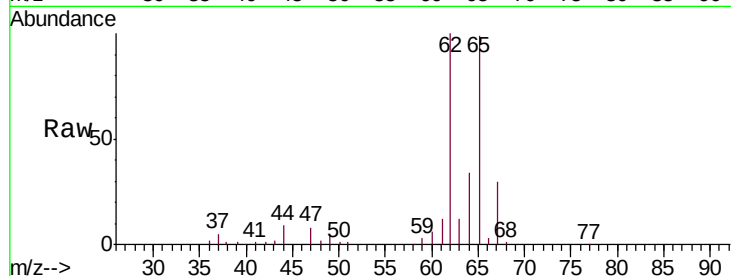
H0FG9DL

Tgt Ion: 62 Resp: 39344

Ion Ratio Lower Upper

62 100

64 34.3 21.7 40.3



#10

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

Concen: 0.062 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028234.D

Acq: 17 Nov 2018 19:06

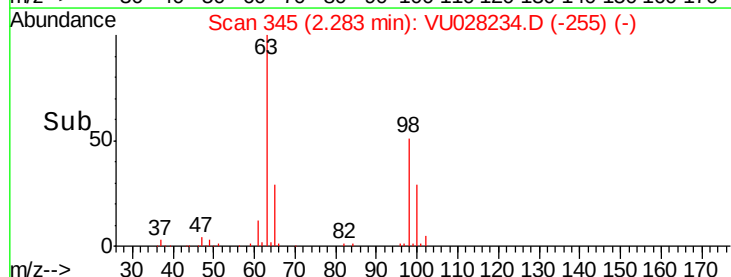
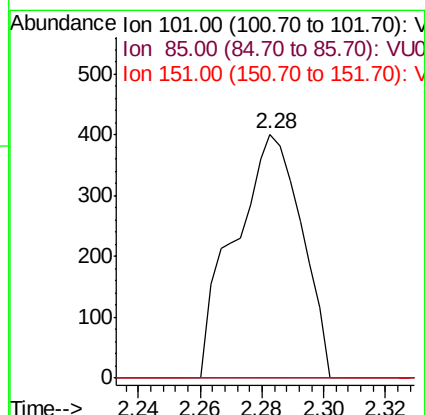
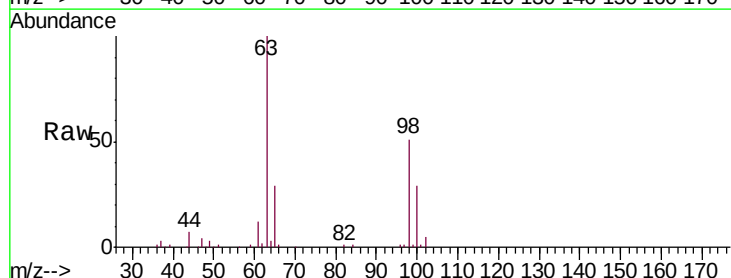
Tgt Ion: 101 Resp: 605

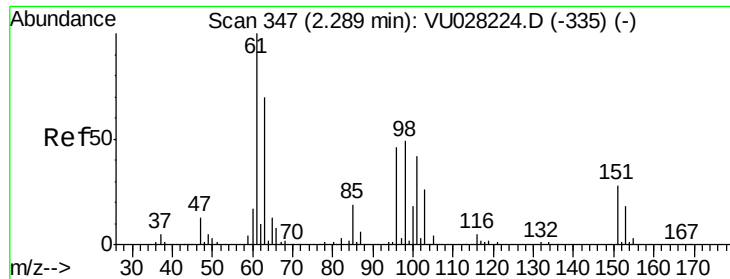
Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

151 0.0 55.0 82.4#

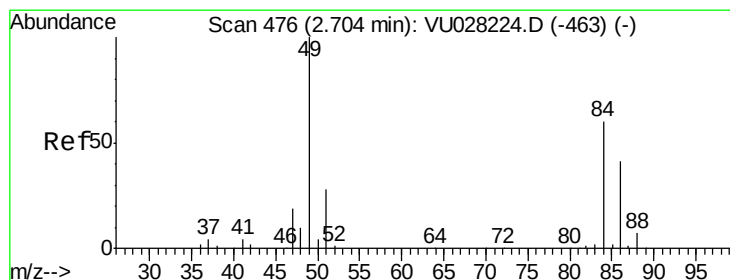
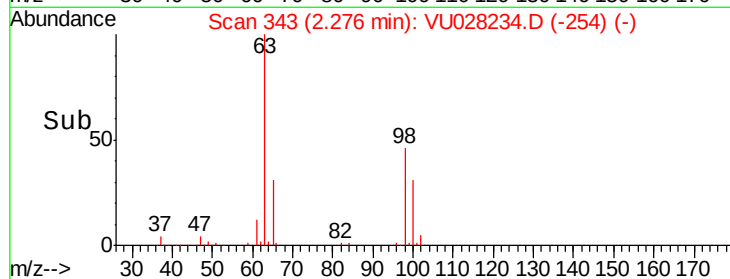
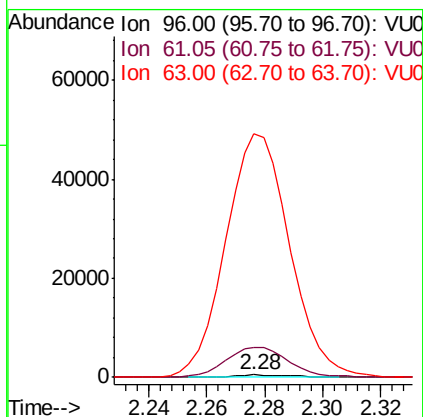
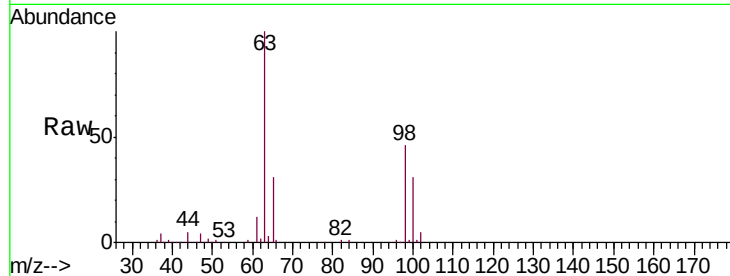




#12
 1,1-Dichloroethene
 Concen: 0.078 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU028234.D
 Acq: 17 Nov 2018 19:06

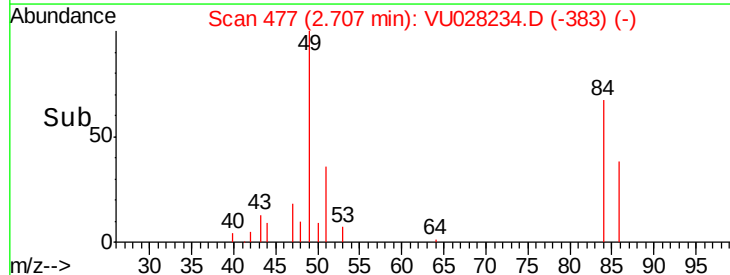
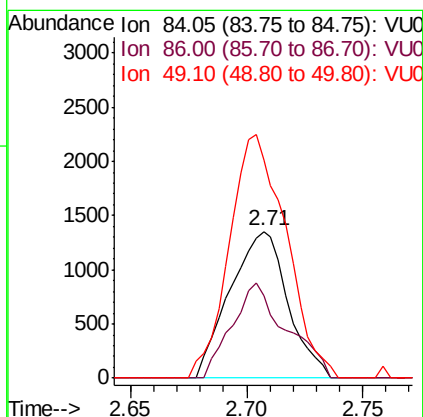
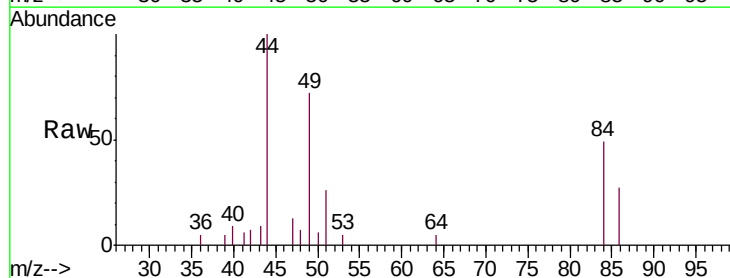
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG9DL

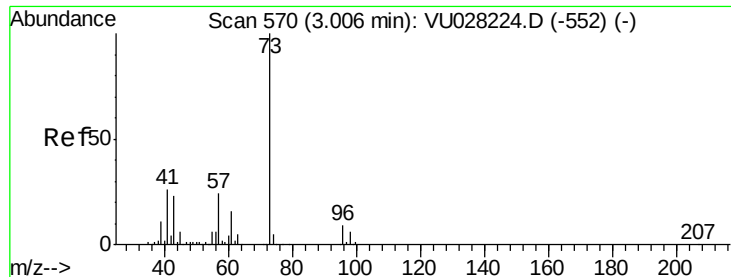
Tgt Ion: 96 Resp: 718
 Ion Ratio Lower Upper
 96 100
 61 1287.3 145.5 270.1#
 63 10369.6 98.6 183.2#



#16
 Methylene chloride
 Concen: 0.203 ug/L
 RT: 2.71 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: VU028234.D
 Acq: 17 Nov 2018 19:06

Tgt Ion: 84 Resp: 2357
 Ion Ratio Lower Upper
 84 100
 86 55.9 45.3 84.1
 49 148.9 107.9 200.5





#17

Methyl tert-butyl Ether

Concen: 0.095 ug/L

RT: 3.00 min Scan# 569

Delta R.T. -0.01 min

Lab File: VU028234.D

Acq: 17 Nov 2018 19:06

Instrument :

MSVOA_U

ClientSampled :

H0FG9DL

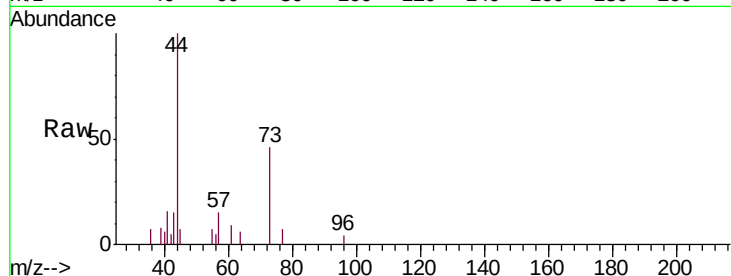
Tgt Ion: 73 Resp: 2637

Ion Ratio Lower Upper

73 100

43 11.3 18.8 28.2#

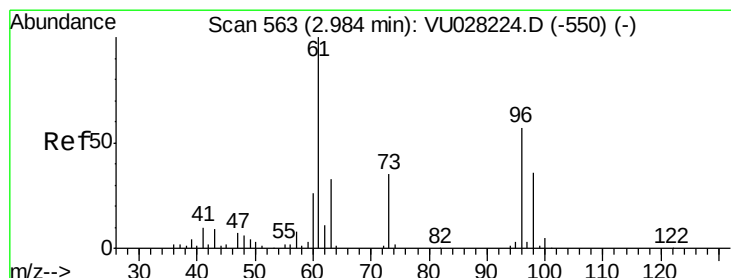
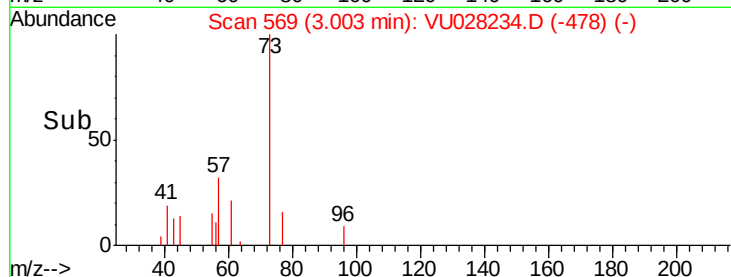
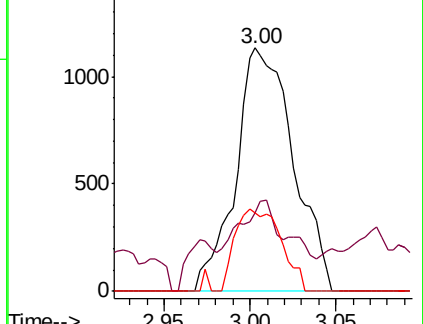
57 27.2 19.2 28.8



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: 0.063 ug/L

RT: 2.98 min Scan# 561

Delta R.T. -0.01 min

Lab File: VU028234.D

Acq: 17 Nov 2018 19:06

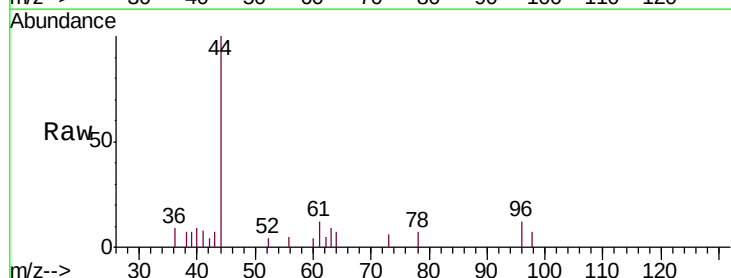
Tgt Ion: 96 Resp: 615

Ion Ratio Lower Upper

96 100

61 104.0 122.2 227.0#

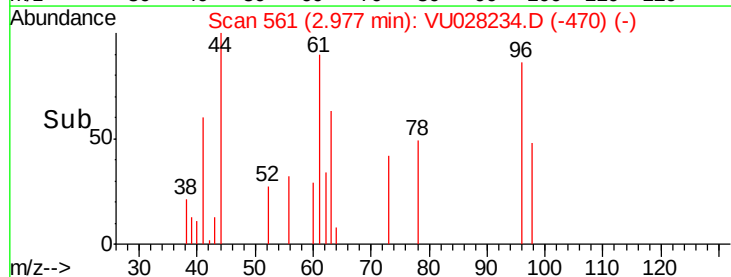
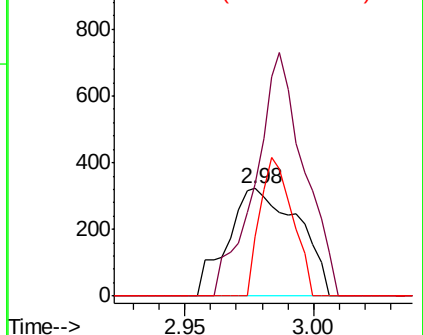
98 55.3 44.9 83.5

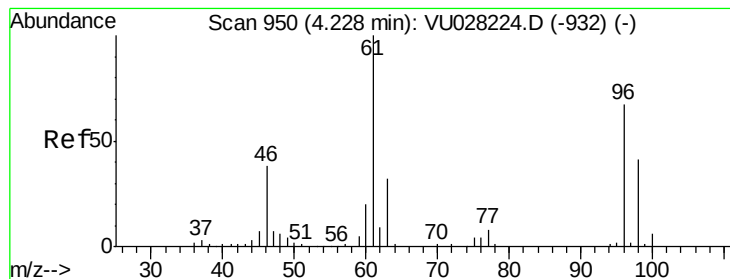


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 8.757 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU028234.D

Acq: 17 Nov 2018 19:06

Instrument :

MSVOA_U

ClientSampleId :

H0FG9DL

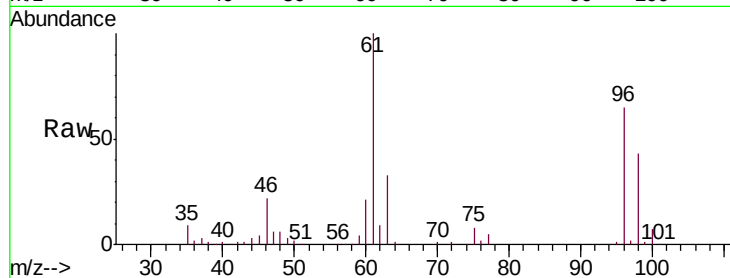
Tgt Ion: 96 Resp: 101463

Ion Ratio Lower Upper

96 100

61 152.8 108.0 200.6

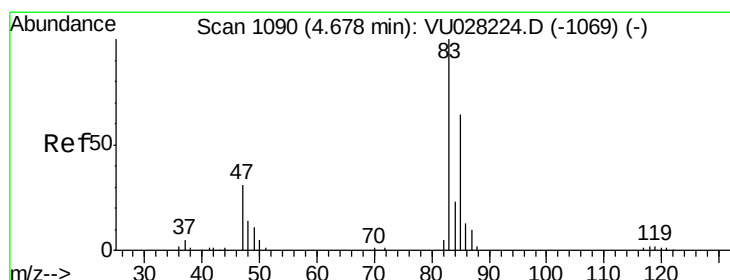
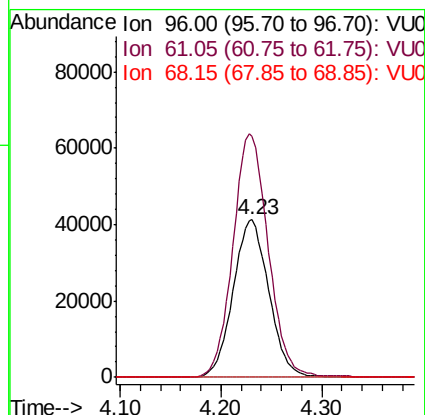
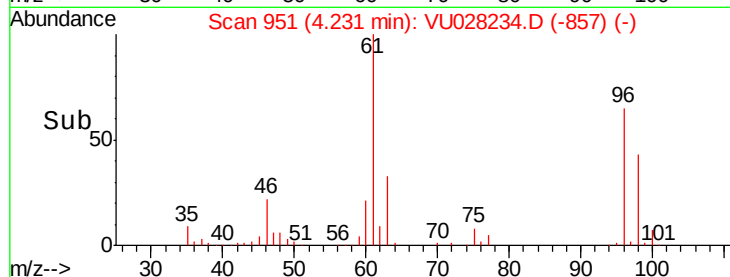
68 0.0 0.0 0.0



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: 0.252 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VU028234.D

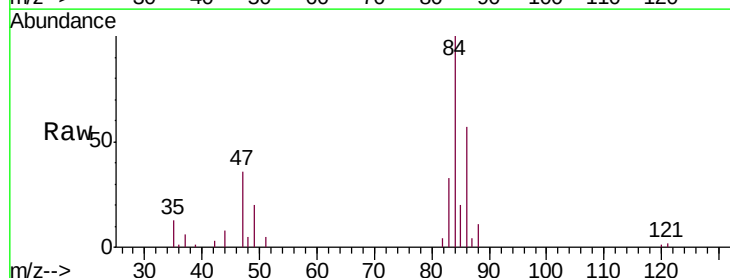
Acq: 17 Nov 2018 19:06

Tgt Ion: 83 Resp: 6187

Ion Ratio Lower Upper

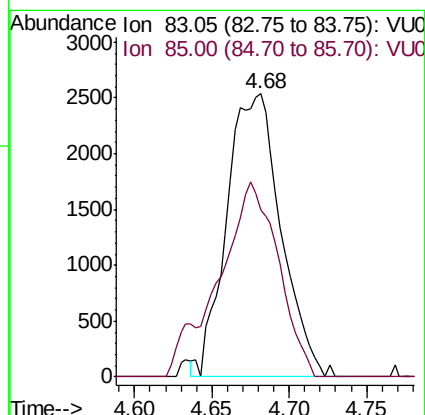
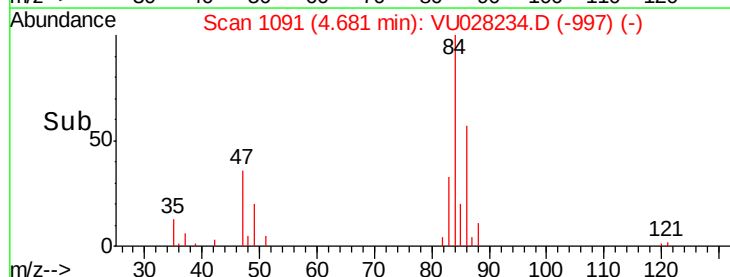
83 100

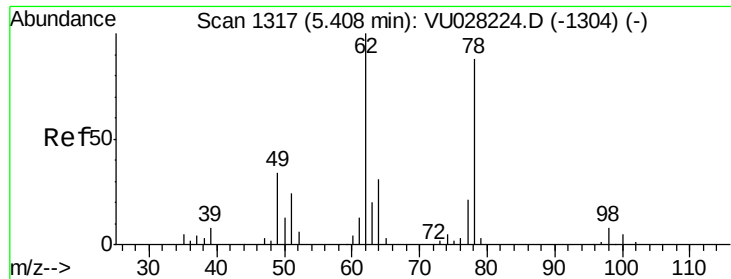
85 59.1 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

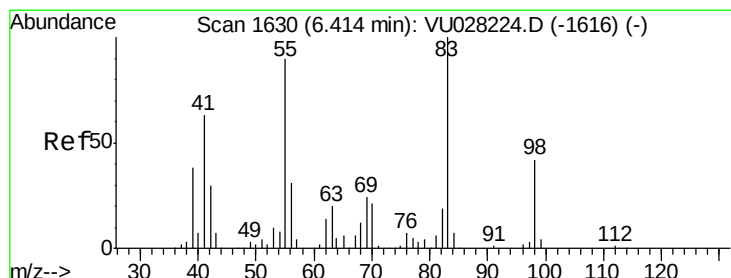
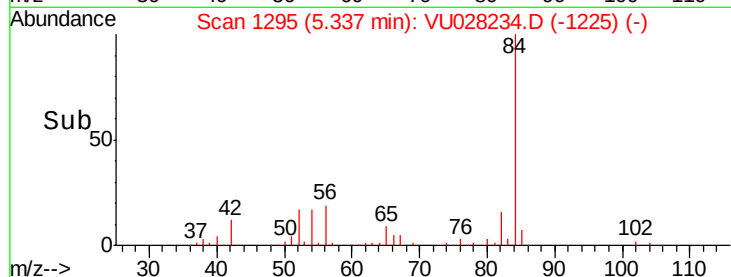
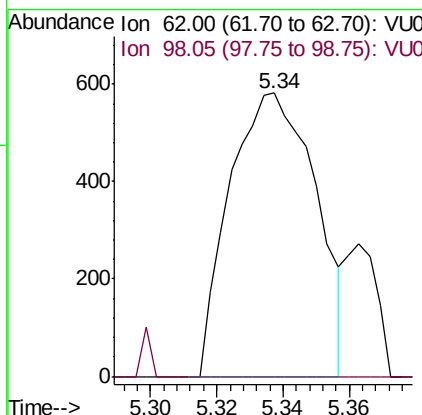
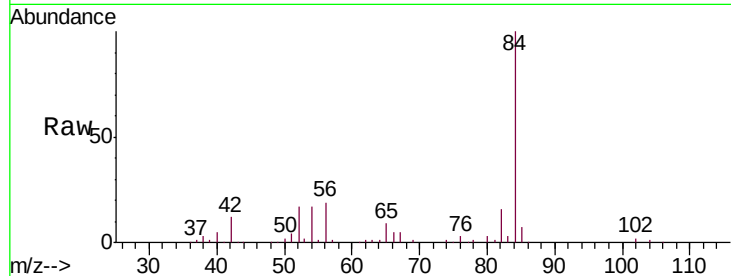




#27
 1,2-Dichloroethane
 Concen: 0.075 ug/L
 RT: 5.34 min Scan# 1295
 Delta R.T. -0.07 min
 Lab File: VU028234.D
 Acq: 17 Nov 2018 19:06

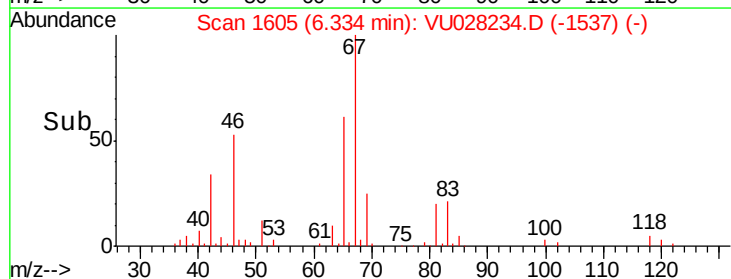
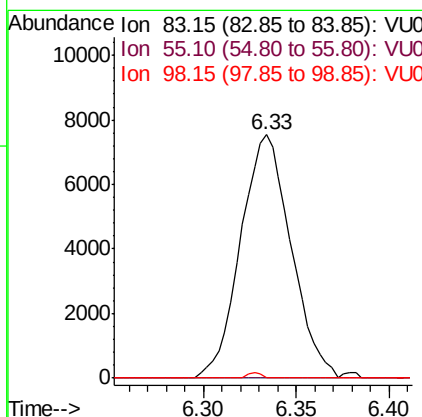
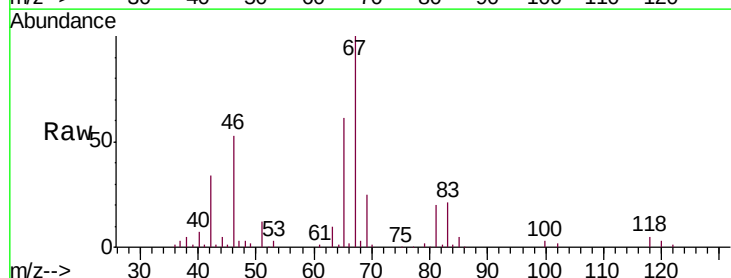
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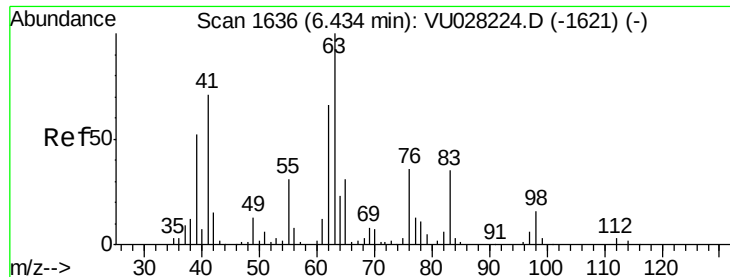
Tgt Ion: 62 Resp: 1050
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#



#35
 Methylcyclohexane
 Concen: 0.794 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU028234.D
 Acq: 17 Nov 2018 19:06

Tgt Ion: 83 Resp: 14280
 Ion Ratio Lower Upper
 83 100
 55 0.0 73.2 109.8#
 98 0.5 33.4 50.2#

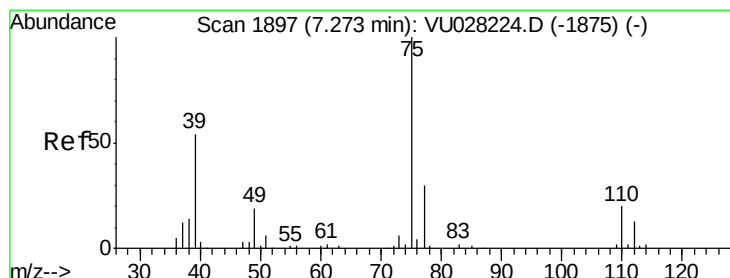
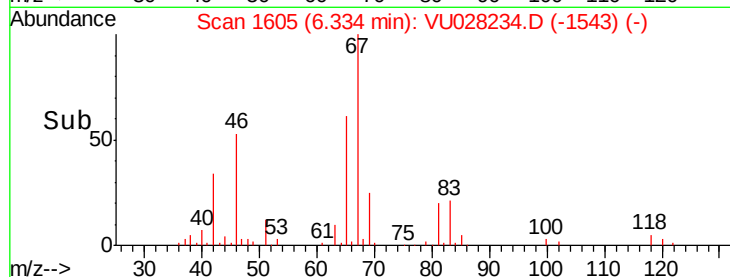
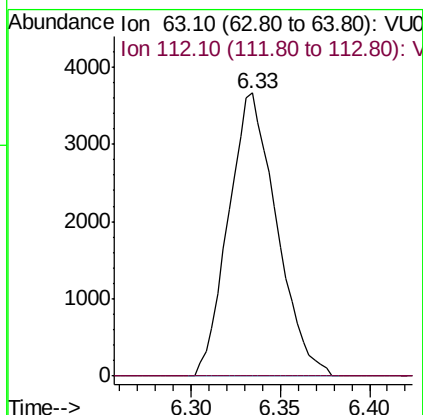
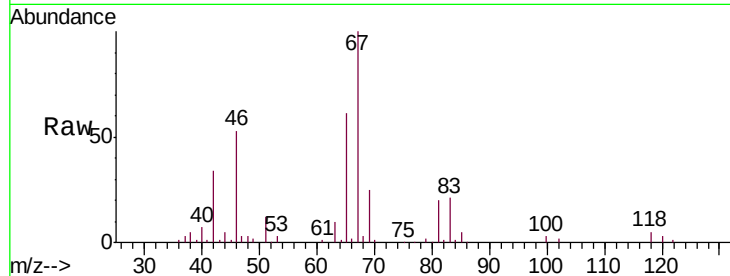




#37
 1,2-Dichloropropane
 Concen: 0.518 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028234.D
 Acq: 17 Nov 2018 19:06

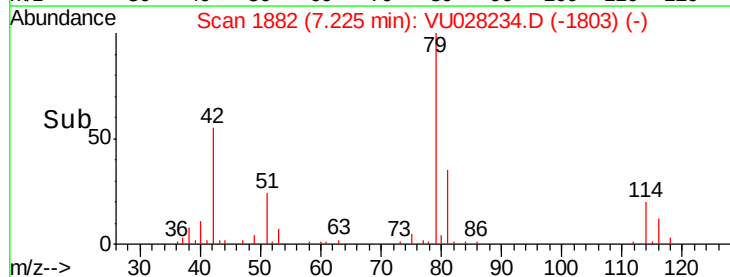
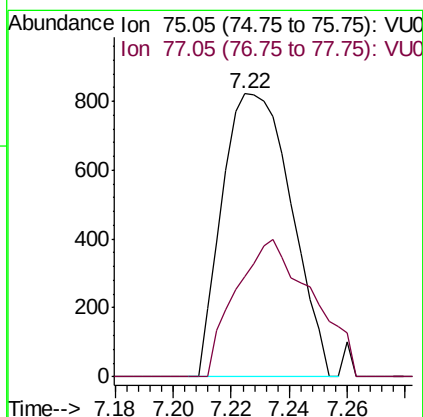
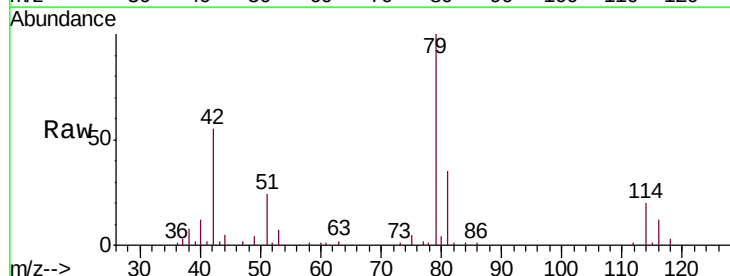
Instrument :
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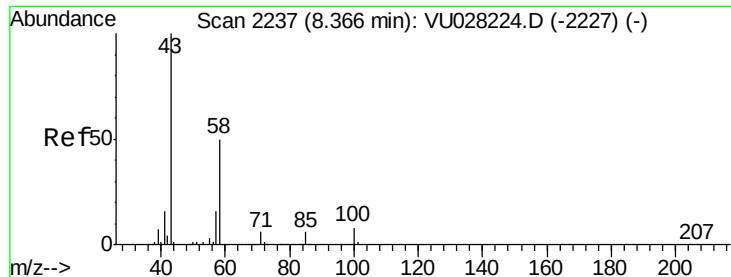
Tgt Ion: 63 Resp: 6892
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.05 min
 Lab File: VU028234.D
 Acq: 17 Nov 2018 19:06

Tgt Ion: 75 Resp: 1355
 Ion Ratio Lower Upper
 75 100
 77 35.4 21.7 40.3

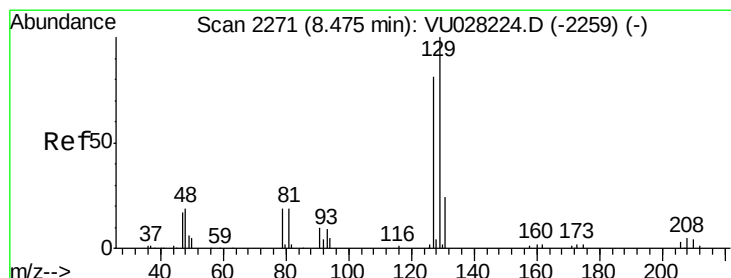
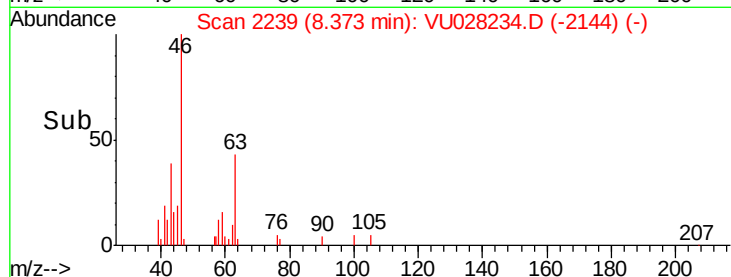
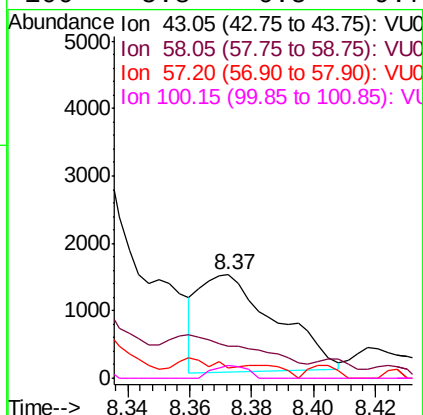
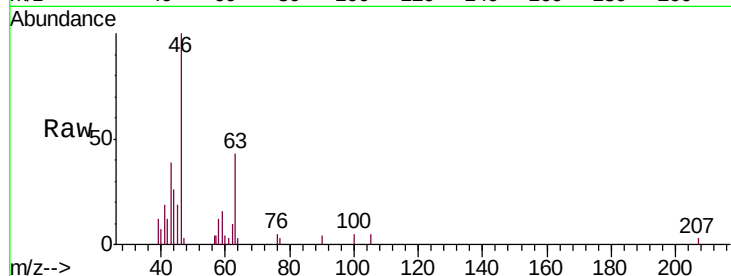




#48
2-Hexanone
Concen: 0.367 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028234.D
Acq: 17 Nov 2018 19:06

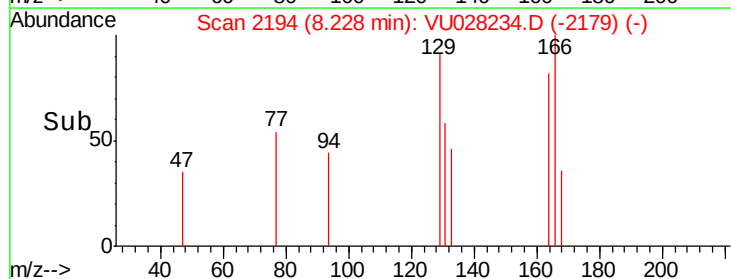
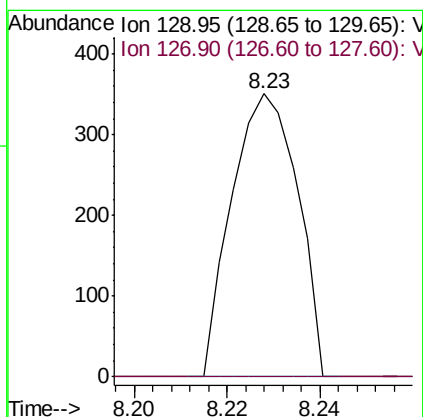
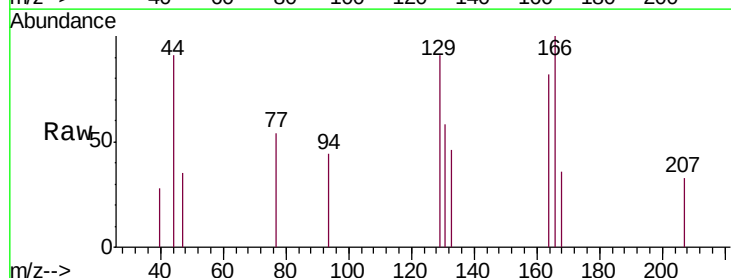
Instrument :
MSVOA_U
ClientSampleId :
H0FG9DL

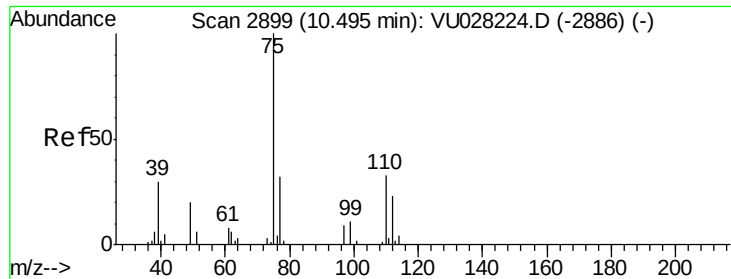
Tgt Ion:	43	Resp:	2492
Ion	Ratio	Lower	Upper
43	100		
58	9.9	41.1	61.7#
57	6.7	13.8	20.8#
100	5.8	6.5	9.7#



#49
Dibromochloromethane
Concen: 0.043 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028234.D
Acq: 17 Nov 2018 19:06

Tgt Ion:	129	Resp:	347
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59
 1,2,3-Trichloropropane
 Concen: 1.216 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU028234.D
 Acq: 17 Nov 2018 19:06

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG9DL

Tgt Ion: 75 Resp: 9349
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5

