

Data File : VU028231.D
Acq On : 17 Nov 2018 17:55
Operator : MD/SY
Sample : J5986-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ5DL

Quant Time: Nov 19 03:11:31 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	151773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145511	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54929	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.68	69	46910	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.28	63	81898	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.19	46	203536	53.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.65	84	100454	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.31	65	58775	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.34	84	203675	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.33	67	75778	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.57	98	172408	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.85	79	22119	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.31	63	148943	51.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53223	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	60237	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

						Qvalue
5) Vinyl chloride	1.41	62	20484	1.330	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	618	0.063	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	565	0.060	ug/L #	1
13) Acetone	2.31	43	4272	1.625	ug/L	63
15) Methyl Acetate	2.62	43	974	0.140	ug/L #	59
16) Methylene chloride	2.70	84	8105	0.688	ug/L	92
17) Methyl tert-butyl Ether	3.01	73	138096	4.920	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	871	0.088	ug/L #	59
19) 1,1-Dichloroethane	3.44	63	2670	0.116	ug/L #	85
22) cis-1,2-Dichloroethene	4.23	96	6022	0.512	ug/L	93
25) Chloroform	4.68	83	5222	0.209	ug/L	99
35) Methylcyclohexane	6.33	83	15423	0.833	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7628	0.557	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1605	0.092	ug/L #	72
48) 2-Hexanone	8.37	43	2209	0.316	ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	9930	1.254	ug/L	99

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

Data File : VU028231.D
Acq On : 17 Nov 2018 17:55
Operator : MD/SY
Sample : J5986-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ5DL

Quant Time: Nov 19 03:11:31 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

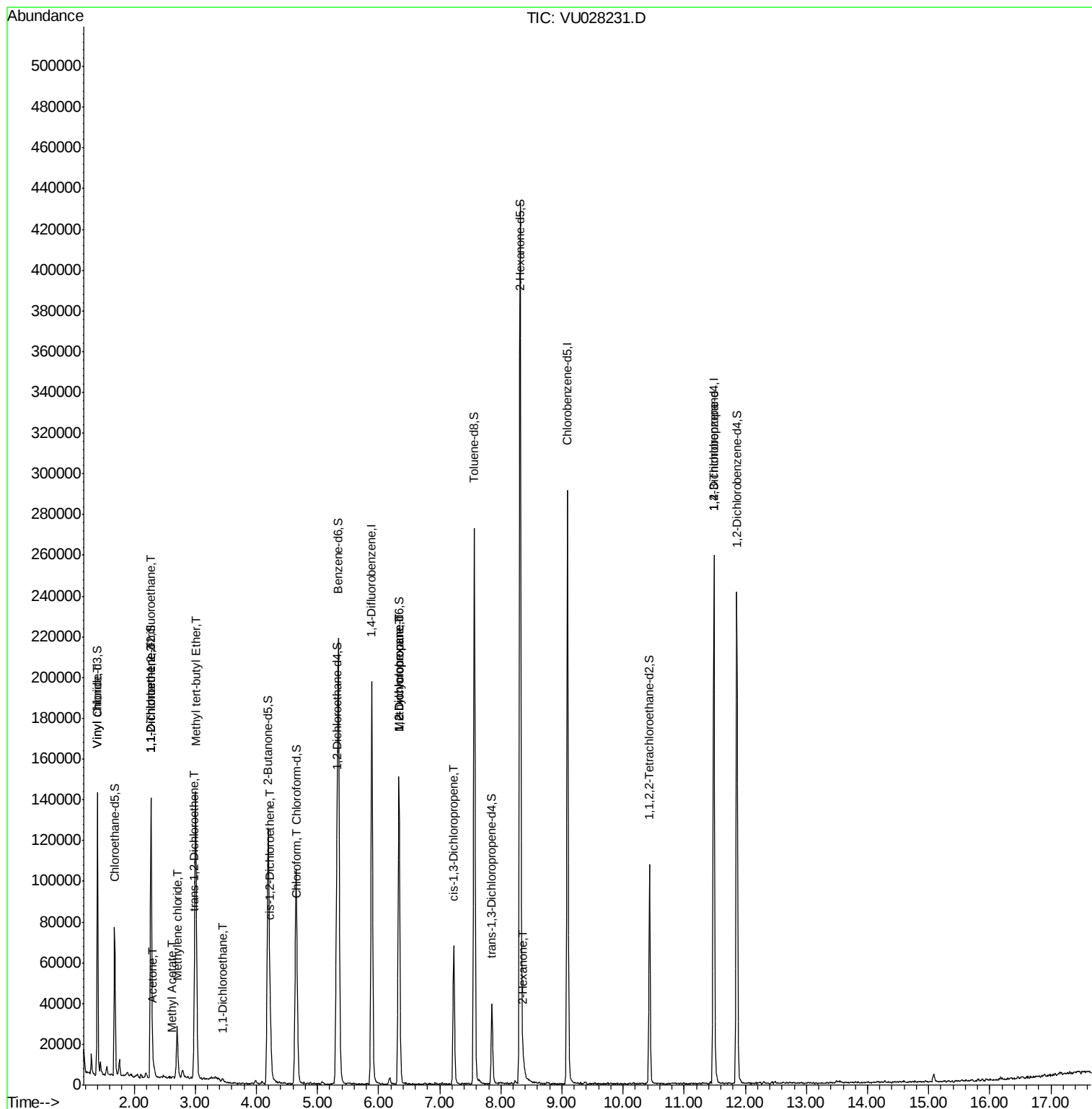
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

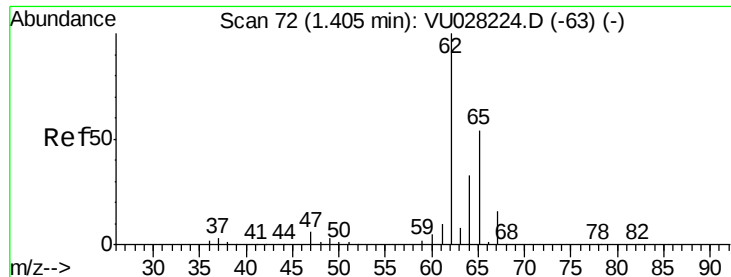
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028231.D
Acq On : 17 Nov 2018 17:55
Operator : MD/SY
Sample : J5986-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ5DL

Quant Time: Nov 19 03:11:31 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





#5

Vinyl chloride

Concen: 1.330 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028231.D

Acq: 17 Nov 2018 17:55

Instrument :

MSVOA_U

ClientSampleId :

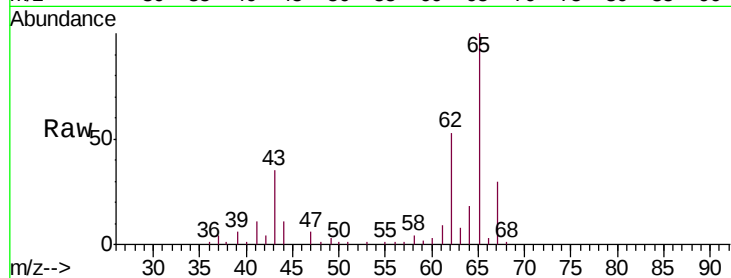
H0FJ5DL

Tgt Ion: 62 Resp: 20484

Ion Ratio Lower Upper

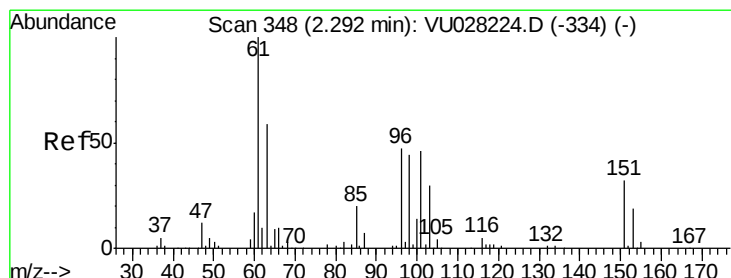
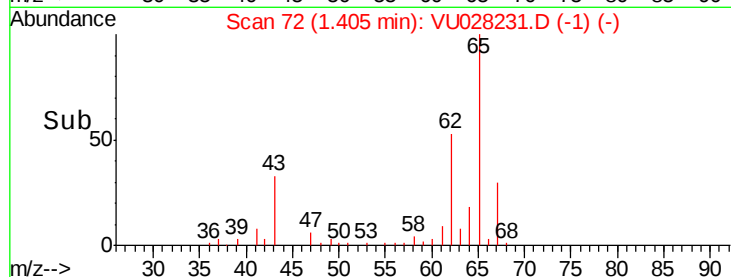
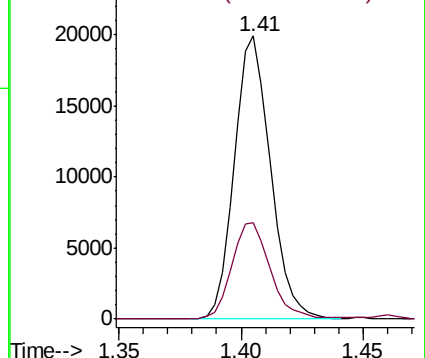
62 100

64 34.1 21.7 40.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#10

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

Concen: 0.063 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028231.D

Acq: 17 Nov 2018 17:55

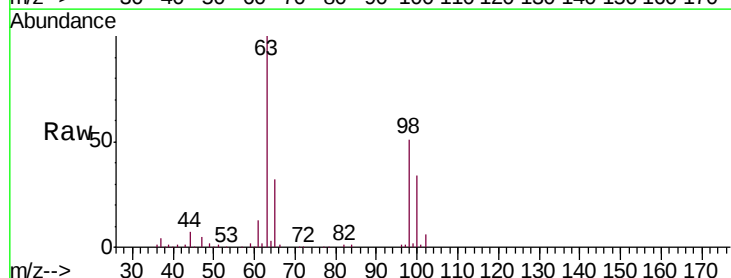
Tgt Ion: 101 Resp: 618

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

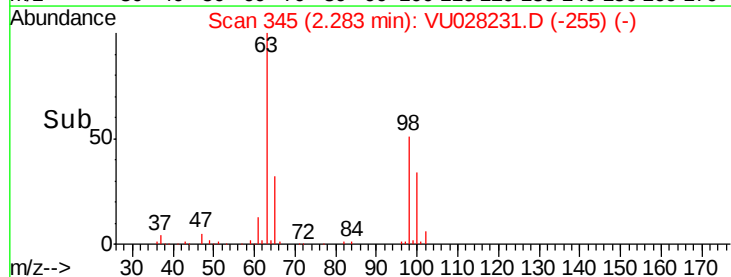
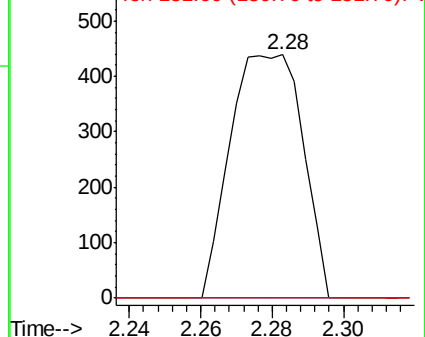
151 0.0 55.0 82.4#

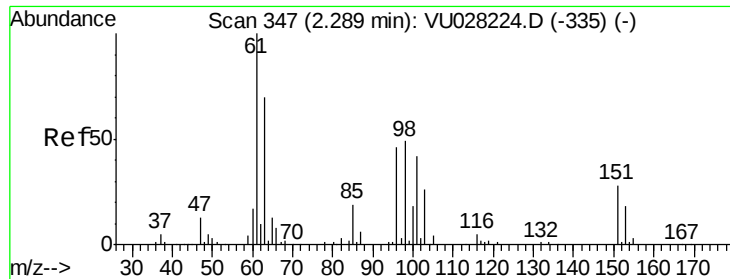


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028231.D

Acq: 17 Nov 2018 17:55

Instrument :

MSVOA_U

ClientSampleId :

H0FJ5DL

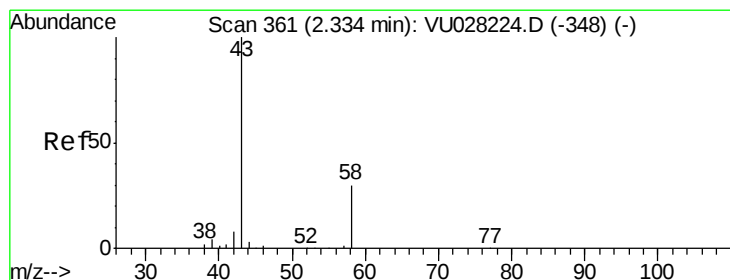
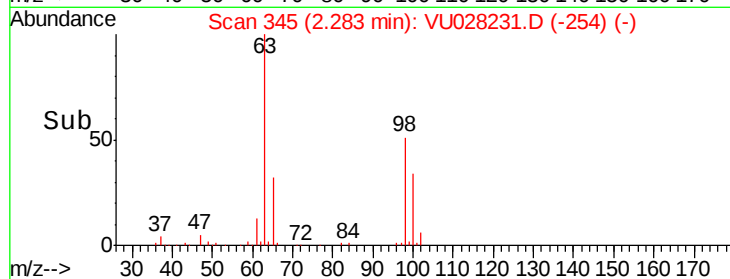
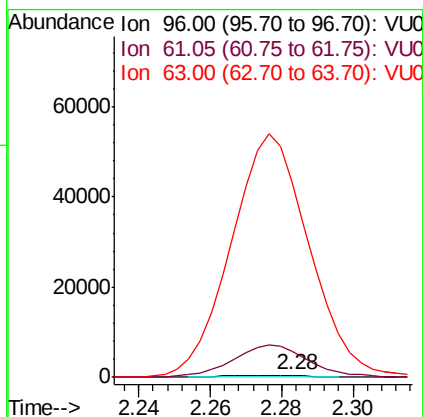
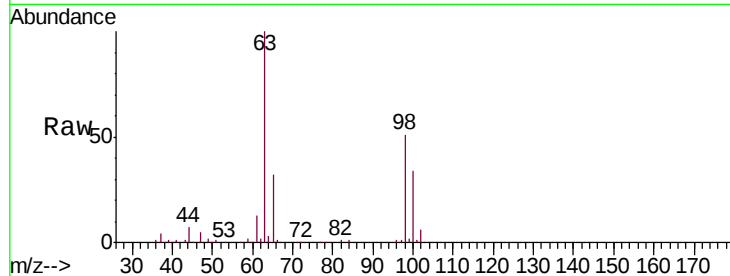
Tgt Ion: 96 Resp: 565

Ion Ratio Lower Upper

96 100

61 1469.4 145.5 270.1#

63 11099.2 98.6 183.2#



#13

Acetone

Concen: 1.625 ug/L

RT: 2.31 min Scan# 354

Delta R.T. -0.04 min

Lab File: VU028231.D

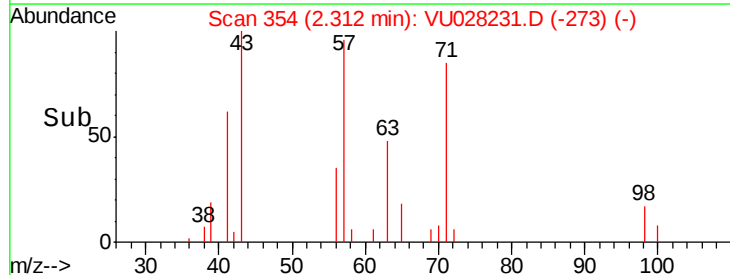
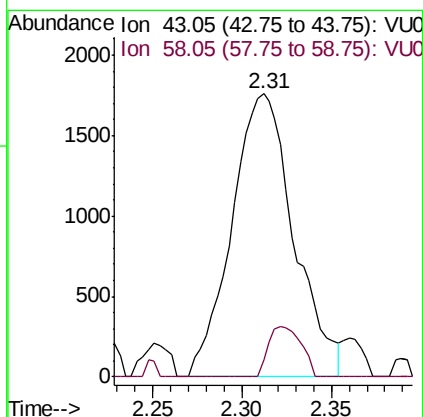
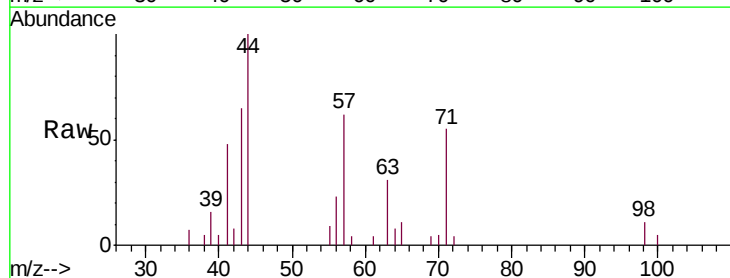
Acq: 17 Nov 2018 17:55

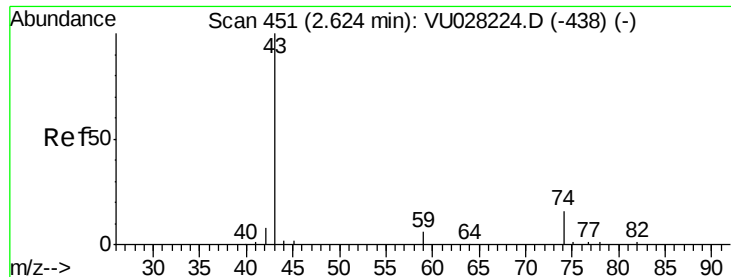
Tgt Ion: 43 Resp: 4272

Ion Ratio Lower Upper

43 100

58 9.4 0.0 58.6

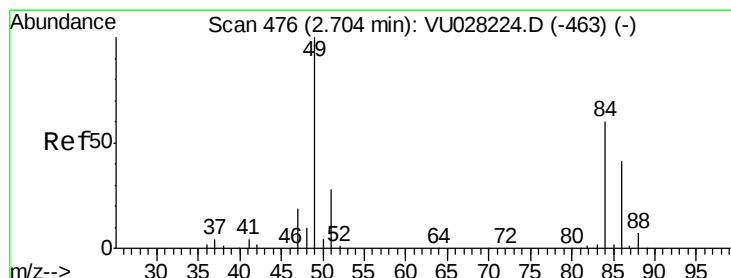
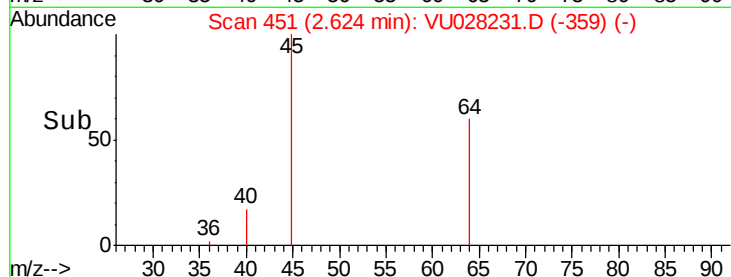
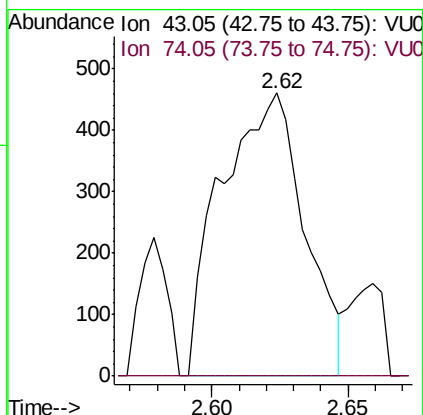
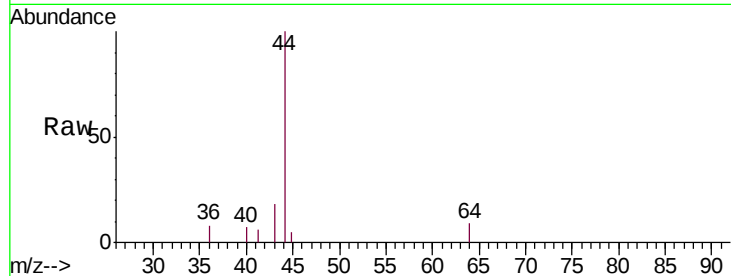




#15
Methyl Acetate
Concen: 0.140 ug/L
RT: 2.62 min Scan# 451
Delta R.T. -0.00 min
Lab File: VU028231.D
Acq: 17 Nov 2018 17:55

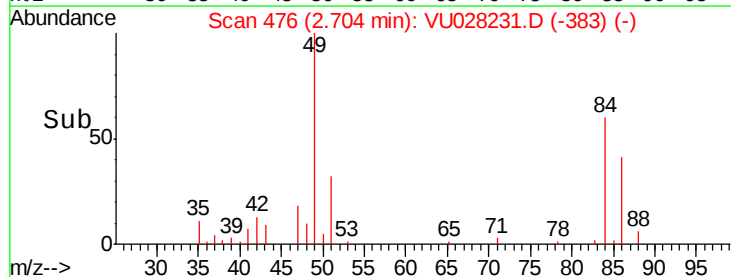
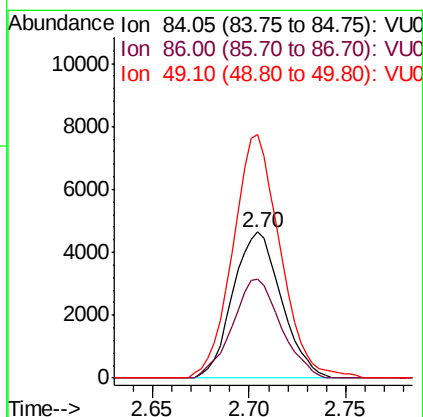
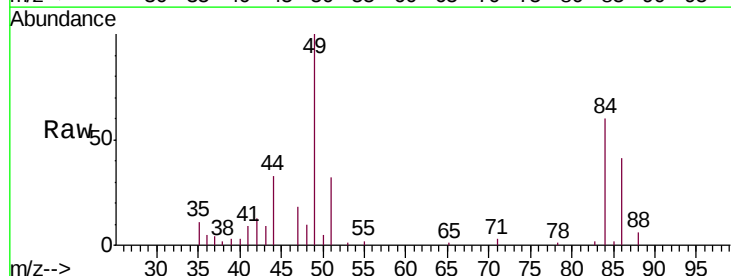
Instrument :
MSVOA_U
ClientSampleId :
H0FJ5DL

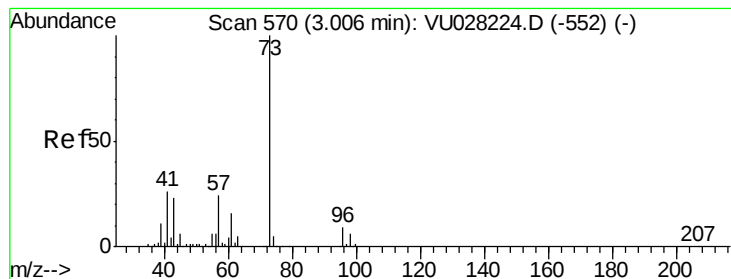
Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
74 0.0 14.7 22.1#



#16
Methylene chloride
Concen: 0.688 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028231.D
Acq: 17 Nov 2018 17:55

Tgt Ion: 84 Resp: 8105
Ion Ratio Lower Upper
84 100
86 68.0 45.3 84.1
49 167.0 107.9 200.5





#17

Methyl tert-butyl Ether

Concen: 4.920 ug/L

RT: 3.01 min Scan# 570

Delta R.T. -0.00 min

Lab File: VU028231.D

Acq: 17 Nov 2018 17:55

Instrument :

MSVOA_U

ClientSampleId :

H0FJ5DL

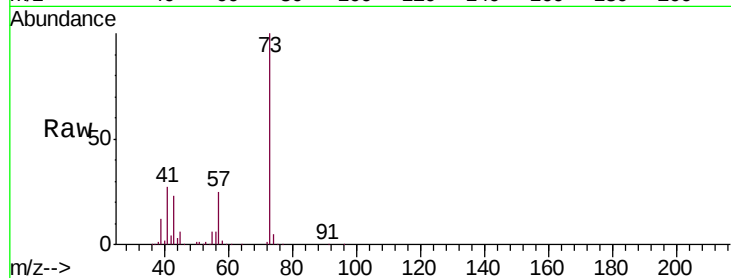
Tgt Ion: 73 Resp: 138096

Ion Ratio Lower Upper

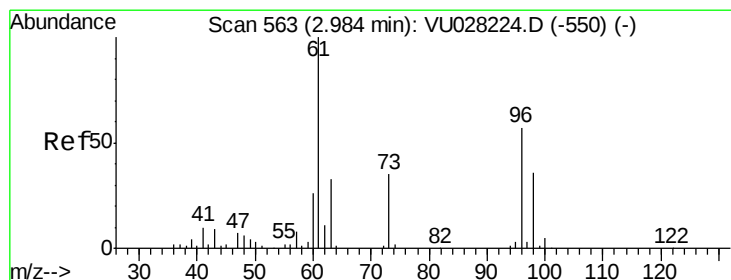
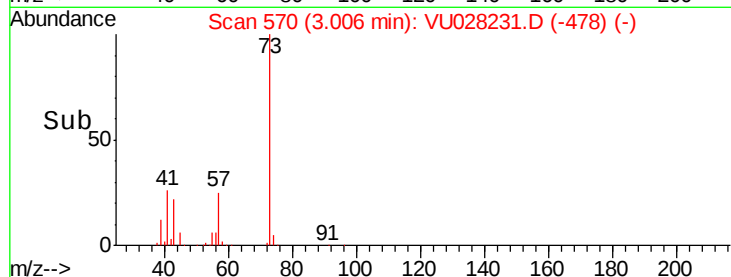
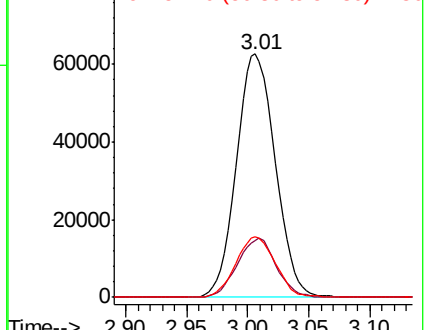
73 100

43 23.8 18.8 28.2

57 25.3 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: 0.088 ug/L

RT: 2.98 min Scan# 561

Delta R.T. -0.01 min

Lab File: VU028231.D

Acq: 17 Nov 2018 17:55

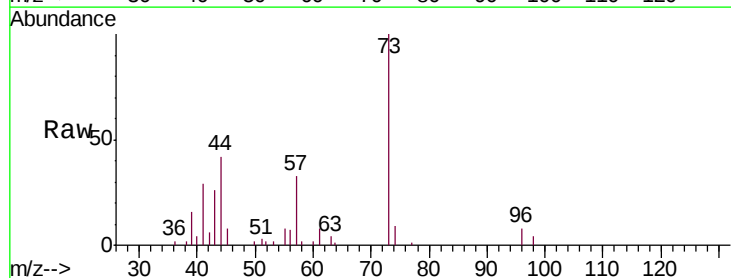
Tgt Ion: 96 Resp: 871

Ion Ratio Lower Upper

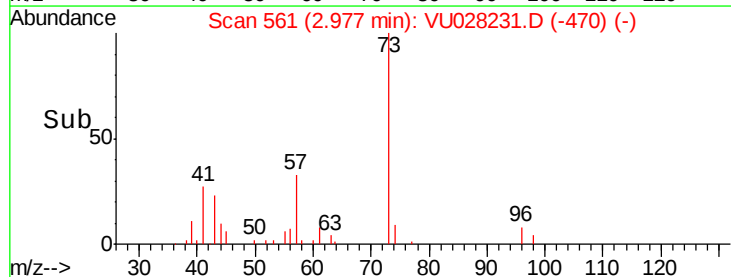
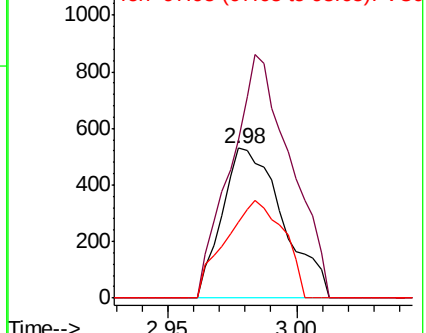
96 100

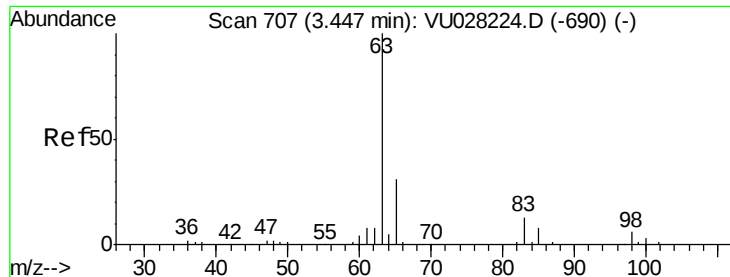
61 105.1 122.2 227.0#

98 50.8 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

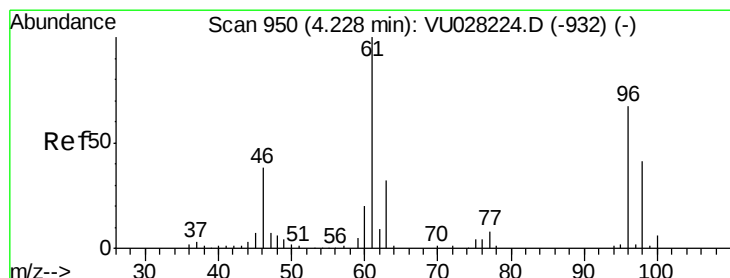
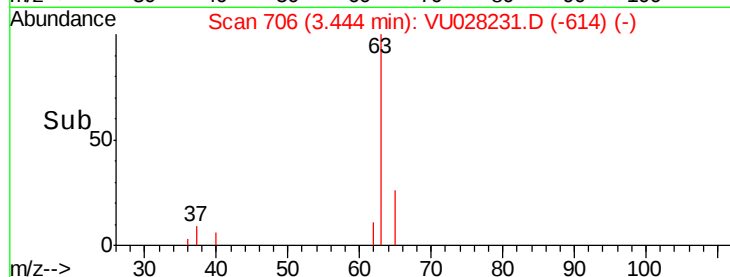
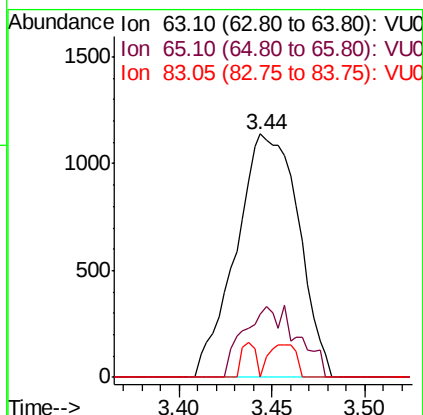
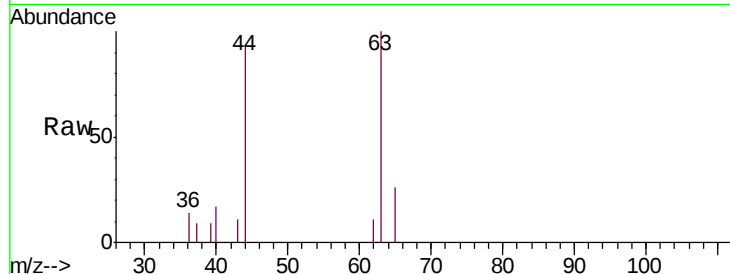




#19
 1,1-Dichloroethane
 Concen: 0.116 ug/L
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028231.D
 Acq: 17 Nov 2018 17:55

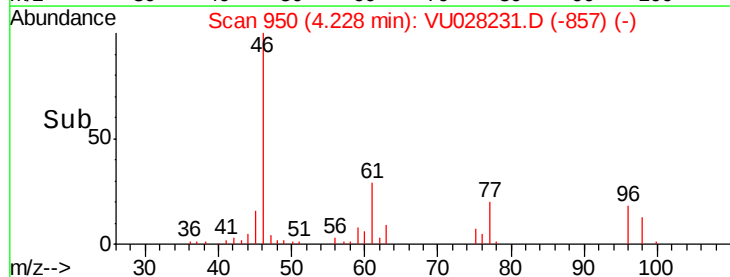
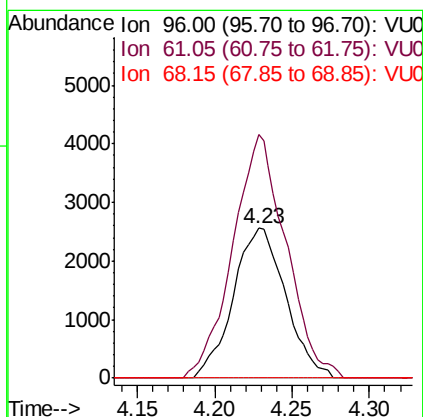
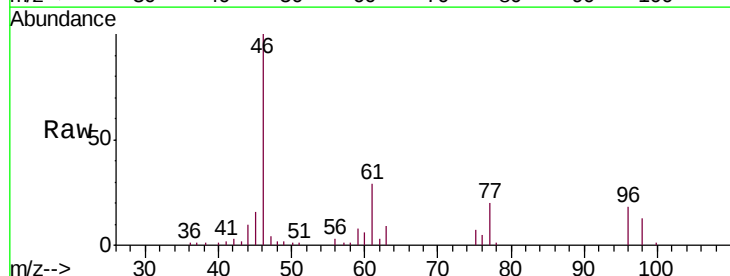
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ5DL

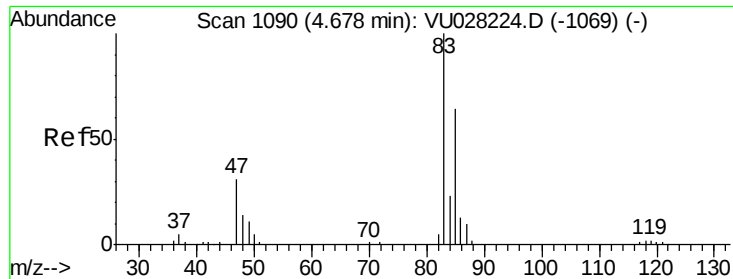
Tgt Ion: 63 Resp: 2670
 Ion Ratio Lower Upper
 63 100
 65 26.1 21.2 39.4
 83 0.0 8.8 16.4#



#22
 cis-1,2-Dichloroethene
 Concen: 0.512 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028231.D
 Acq: 17 Nov 2018 17:55

Tgt Ion: 96 Resp: 6022
 Ion Ratio Lower Upper
 96 100
 61 162.8 108.0 200.6
 68 0.0 0.0 0.0

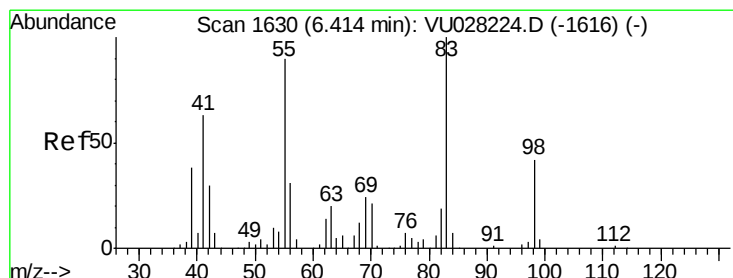
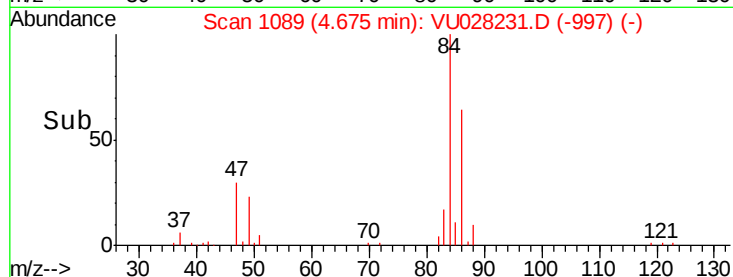
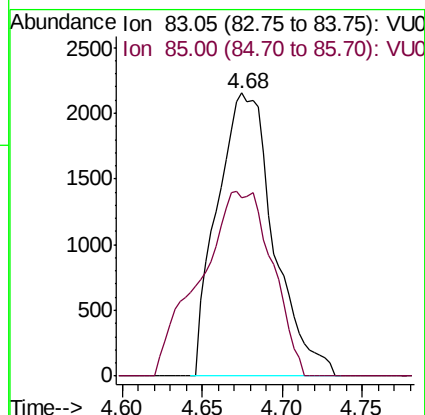
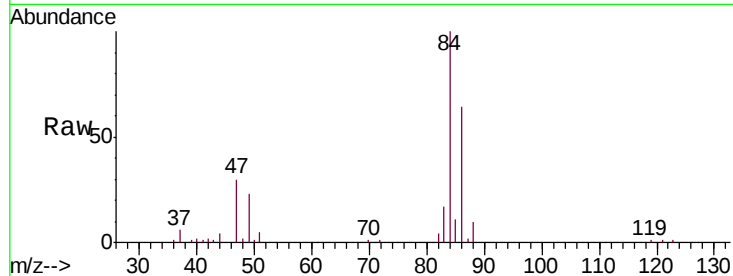




#25
Chloroform
Concen: 0.209 ug/L
RT: 4.68 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028231.D
Acq: 17 Nov 2018 17:55

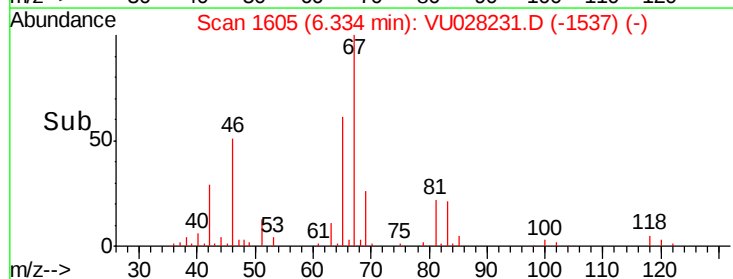
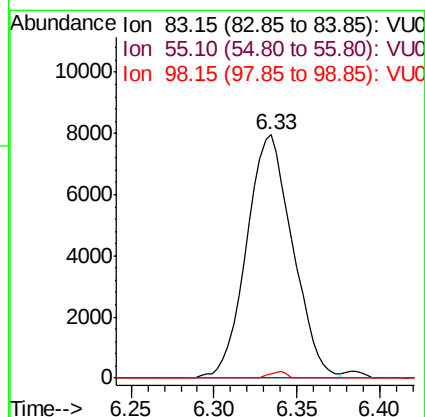
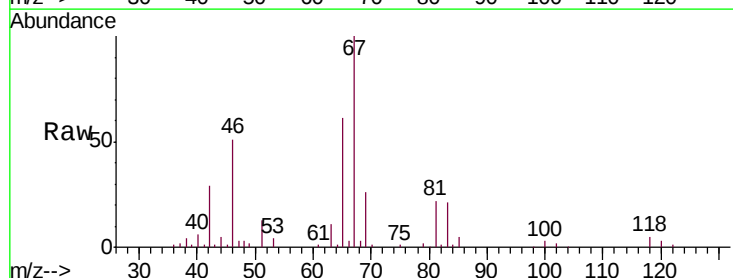
Instrument :
MSVOA_U
ClientSampleId :
H0FJ5DL

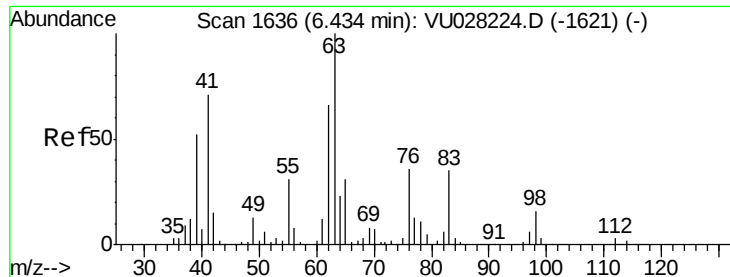
Tgt Ion: 83 Resp: 5222
Ion Ratio Lower Upper
83 100
85 63.2 44.6 82.8



#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028231.D
Acq: 17 Nov 2018 17:55

Tgt Ion: 83 Resp: 15423
Ion Ratio Lower Upper
83 100
55 0.1 73.2 109.8#
98 1.0 33.4 50.2#





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028231.D

Acq: 17 Nov 2018 17:55

Instrument :

MSVOA_U

ClientSampleId :

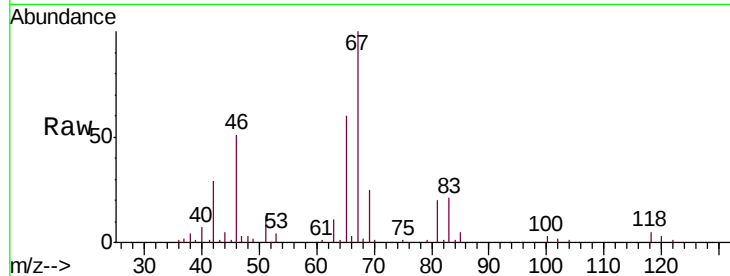
H0FJ5DL

Tgt Ion: 63 Resp: 7628

Ion Ratio Lower Upper

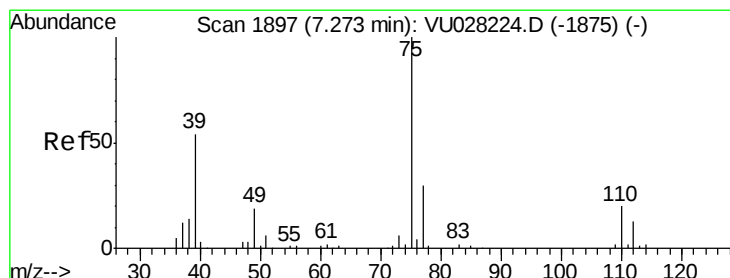
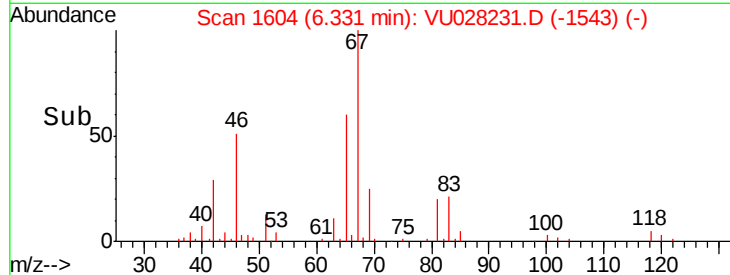
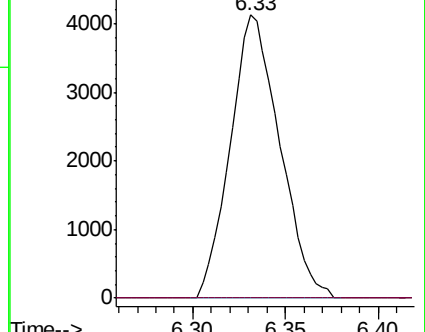
63 100

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



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU028231.D

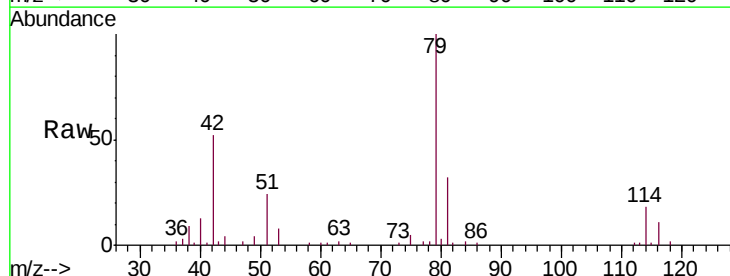
Acq: 17 Nov 2018 17:55

Tgt Ion: 75 Resp: 1605

Ion Ratio Lower Upper

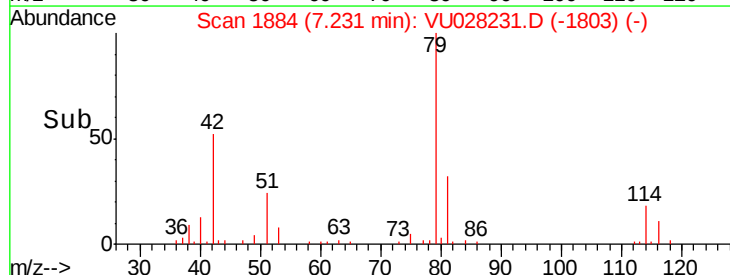
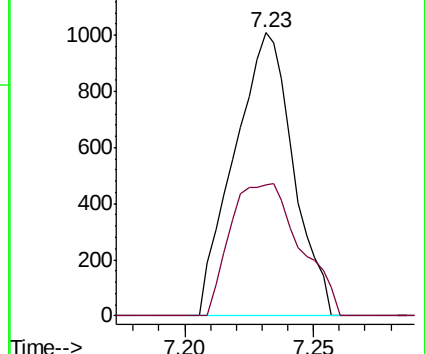
75 100

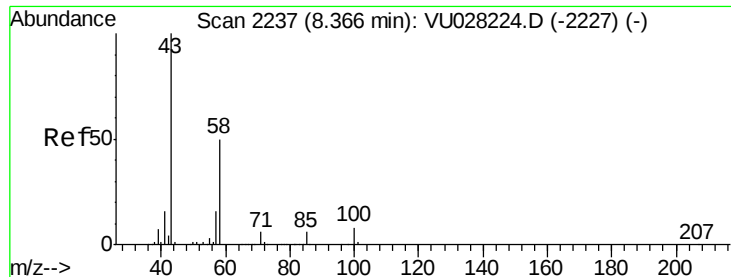
77 46.3 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

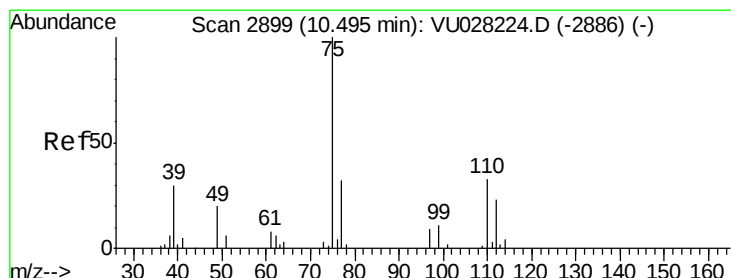
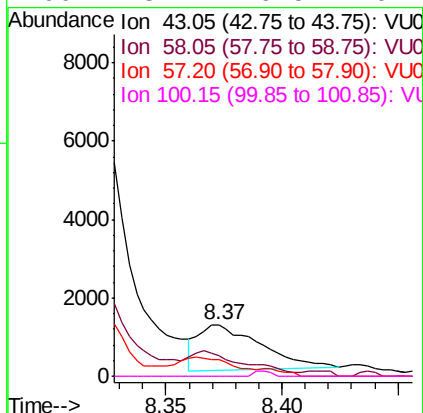
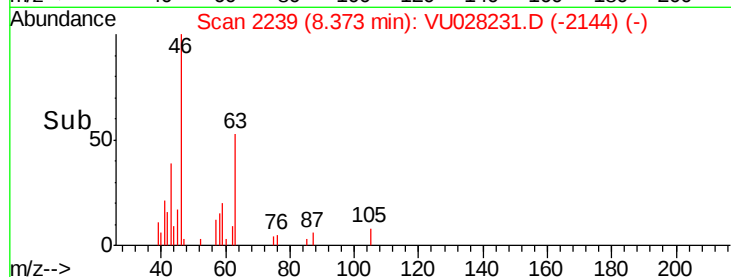
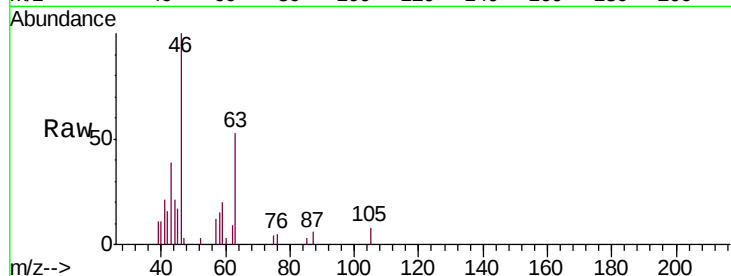




#48
2-Hexanone
Concen: 0.316 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028231.D
Acq: 17 Nov 2018 17:55

Instrument :
MSVOA_U
ClientSampleId :
H0FJ5DL

Tgt Ion: 43 Resp: 2209
Ion Ratio Lower Upper
43 100
58 49.7 41.1 61.7
57 42.2 13.8 20.8#
100 3.1 6.5 9.7#



#59
1,2,3-Trichloropropane
Concen: 1.254 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028231.D
Acq: 17 Nov 2018 17:55

Tgt Ion: 75 Resp: 9930
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5

