

Data File : VV008472.D
Acq On : 30 Oct 2018 17:00
Operator : SY/MD
Sample : J5669-20DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBR2DL

Quant Time: Oct 31 07:17:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	172786	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56916	59.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.98%
7) Chloroethane-d5	1.56	69	19407	28.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.20%#
11) 1,1-Dichloroethene-d2	2.12	63	69630	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.60%
21) 2-Butanone-d5	3.94	46	103169	99.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.23%
24) Chloroform-d	4.41	84	119957	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	5.09	65	82588	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
32) Benzene-d6	5.10	84	248844	56.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.04%
36) 1,2-Dichloropropane-d6	6.12	67	83580	54.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.42%
41) Toluene-d8	7.36	98	226078	56.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.10%
43) trans-1,3-Dichloropropene-	7.67	79	39593	52.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.72%
47) 2-Hexanone-d5	8.14	63	83842	104.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	116021	55.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	77381	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%

Target Compounds

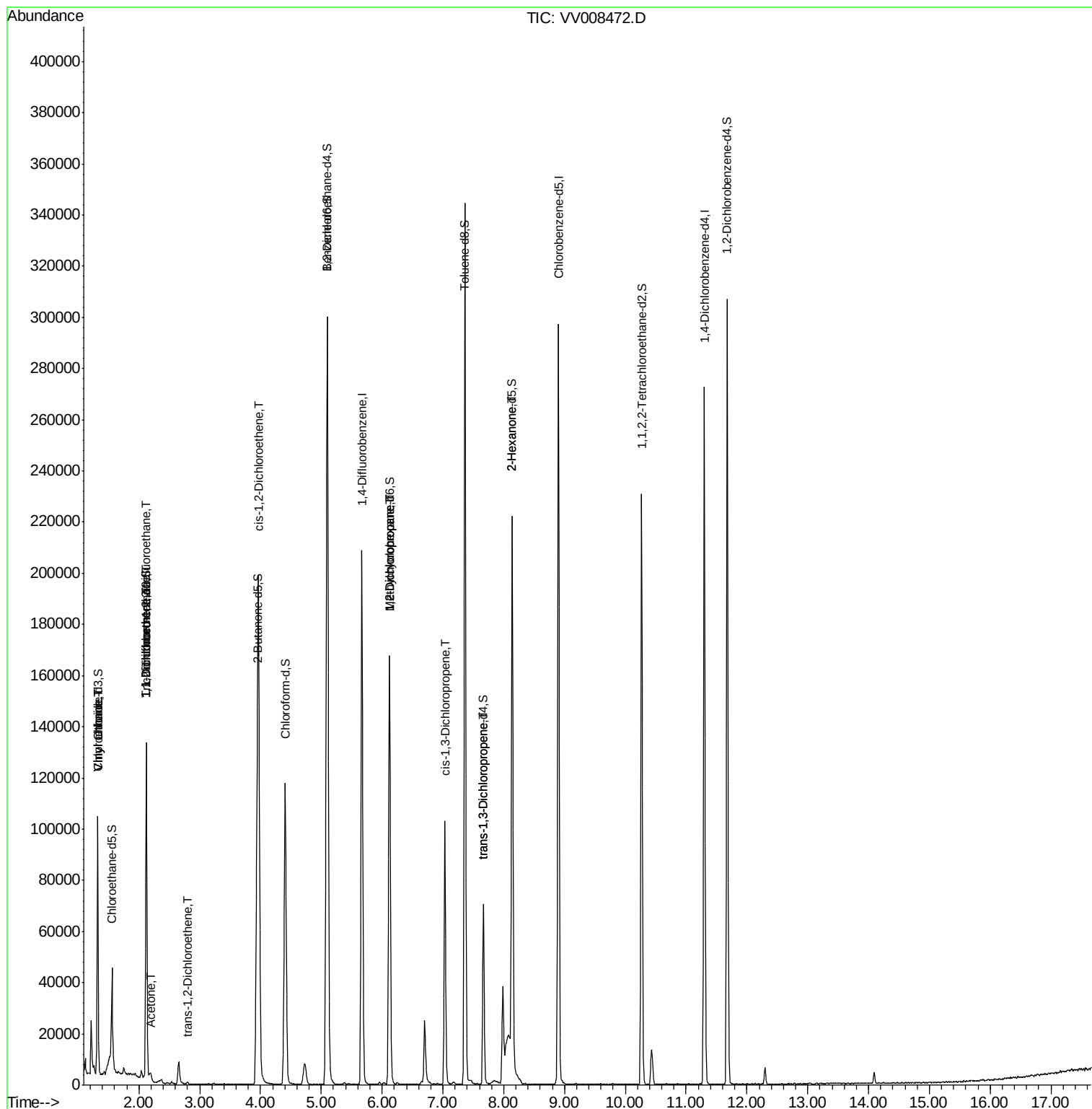
					Qvalue
5) Vinyl chloride	1.33	62	10126	8.268 ug/L	87
8) Chloroethane	1.33	64	4335	6.738 ug/L	93
9) Trichlorofluoromethane	2.12	101	663	0.421 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	663	0.805 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	748	0.965 ug/L #	1
13) Acetone	2.20	43	1774	2.198 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	348	0.294 ug/L	81
20) cis-1,2-Dichloroethene	3.97	96	95725	71.100 ug/L	95
35) Methylcyclohexane	6.12	83	19010	8.572 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9234	6.562 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2492	1.126 ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1768	0.854 ug/L	85
48) 2-Hexanone	8.14	43	10001	6.220 ug/L #	68

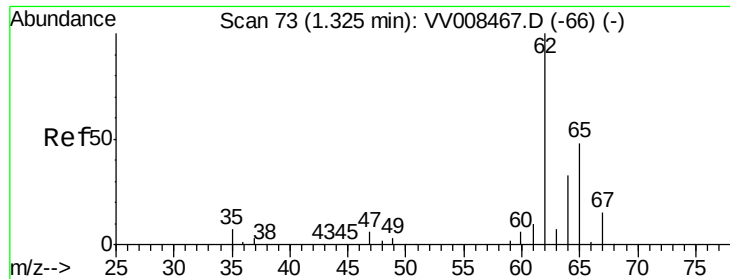
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.268 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008472.D

Acq: 30 Oct 2018 17:00

Instrument :

MSVOA_V

ClientSampled :

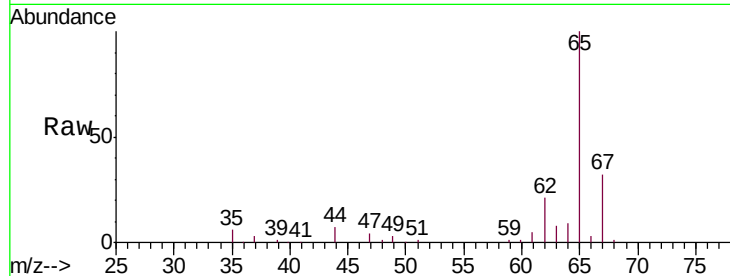
ETBR2DL

Tgt Ion: 62 Resp: 10126

Ion Ratio Lower Upper

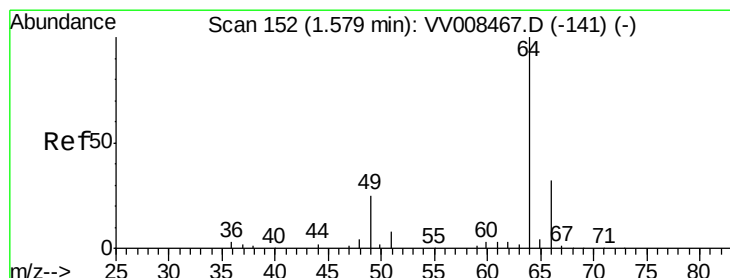
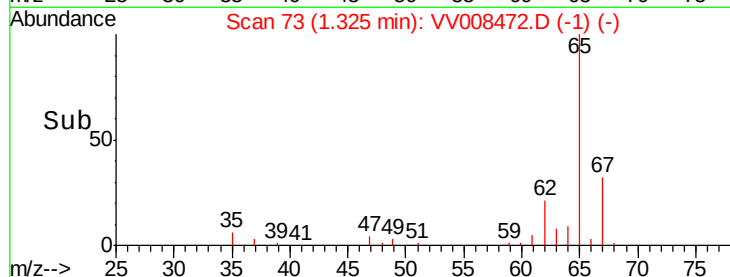
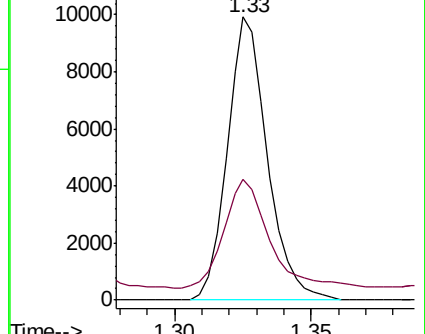
62 100

64 42.6 24.4 45.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#8

Chloroethane

Concen: 6.738 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.25 min

Lab File: VV008472.D

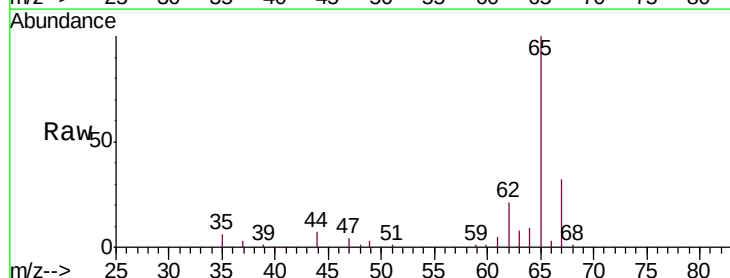
Acq: 30 Oct 2018 17:00

Tgt Ion: 64 Resp: 4335

Ion Ratio Lower Upper

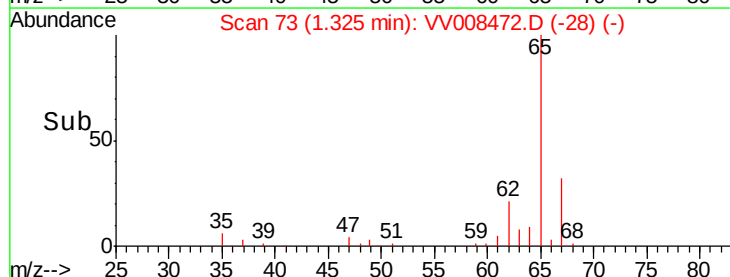
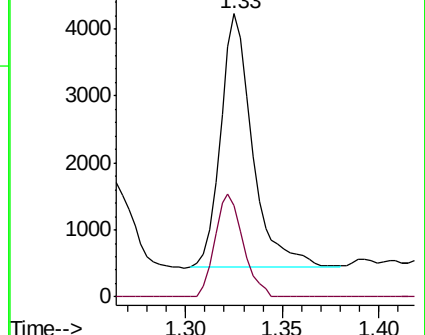
64 100

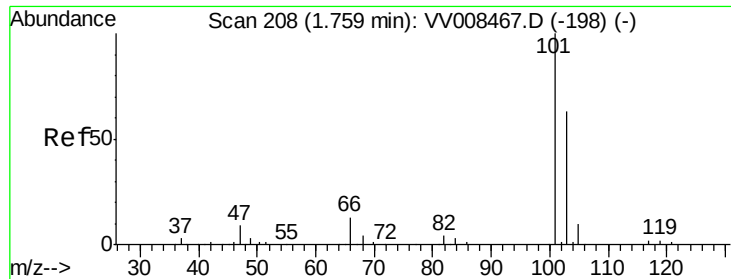
66 32.2 19.9 36.9



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



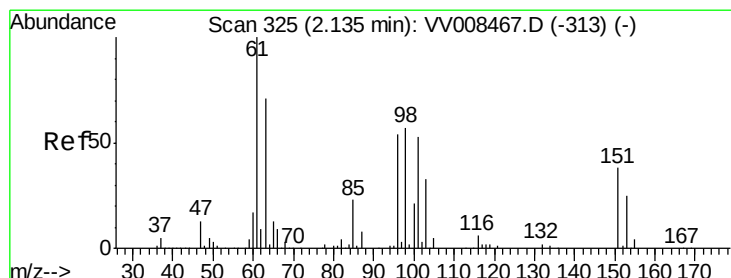
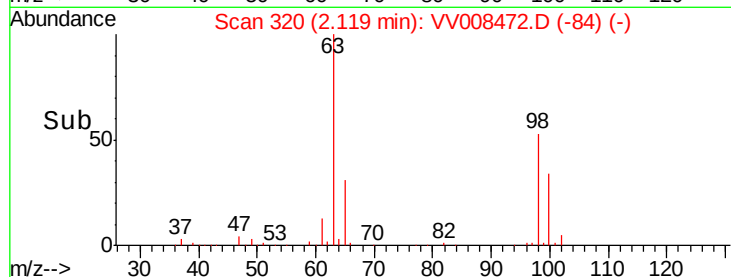
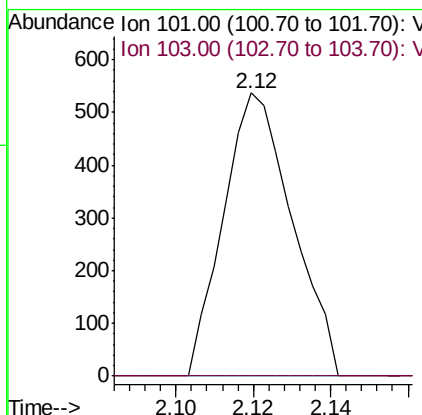
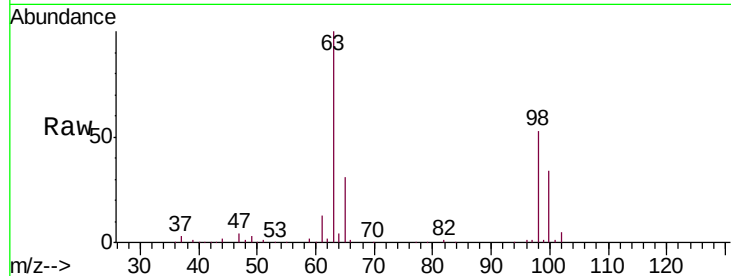


#9

Trichlorofluoromethane
 Concen: 0.421 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. 0.36 min
 Lab File: VV008472.D
 Acq: 30 Oct 2018 17:00

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR2DL

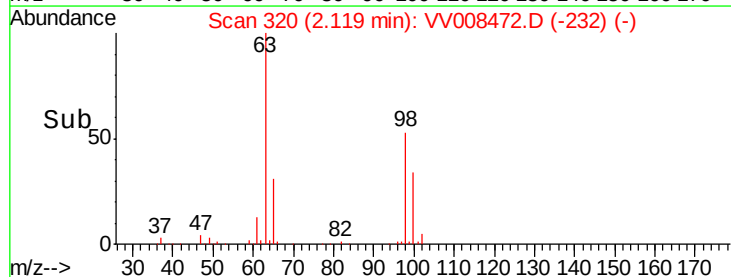
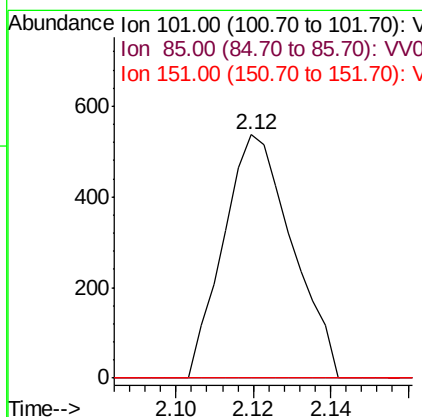
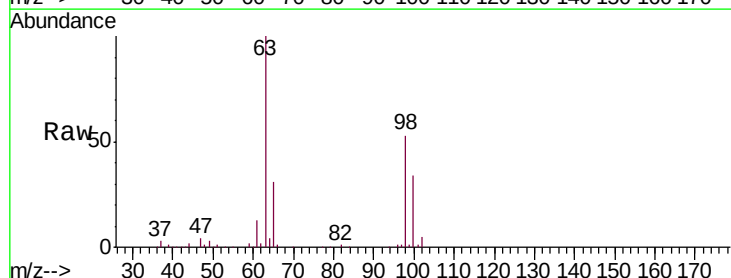
Tgt Ion:101 Resp: 663
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.0 76.6#

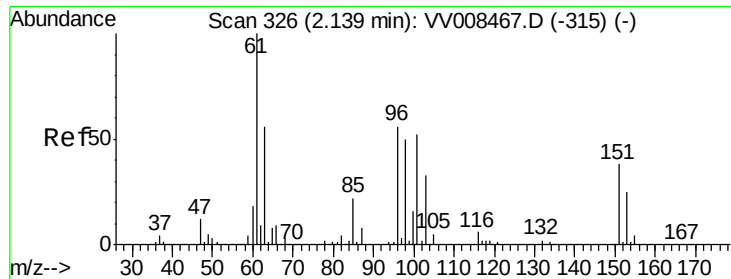


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.805 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.02 min
 Lab File: VV008472.D
 Acq: 30 Oct 2018 17:00

Tgt Ion:101 Resp: 663
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#

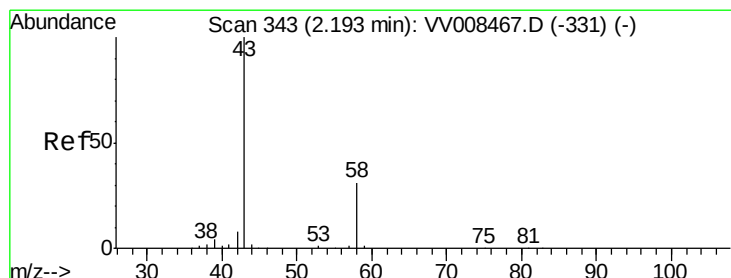
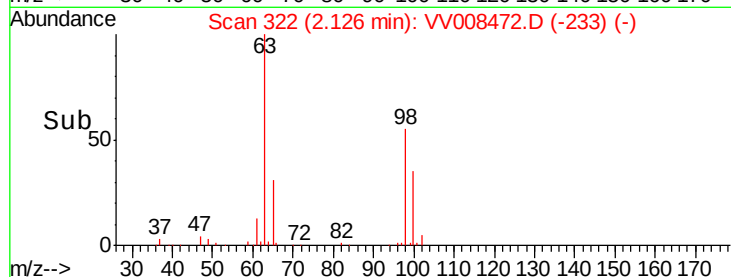
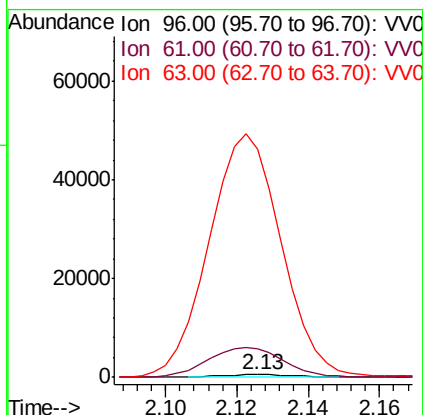
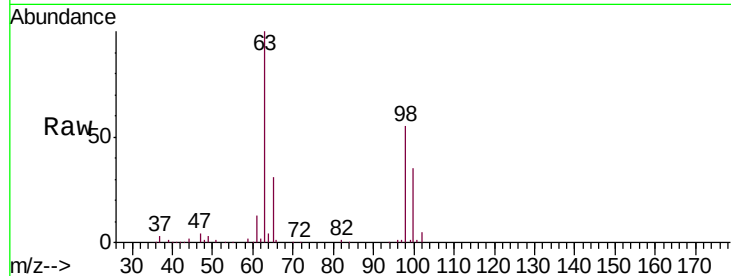




#12
 1,1-Dichloroethene
 Concen: 0.965 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008472.D
 Acq: 30 Oct 2018 17:00

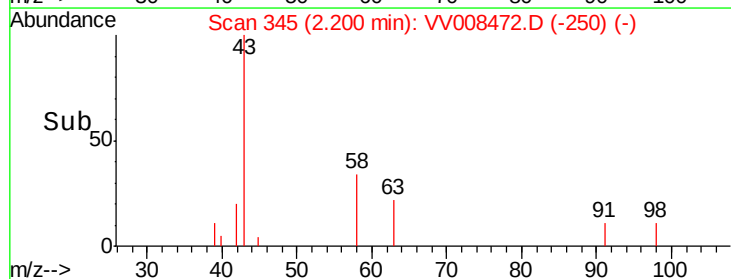
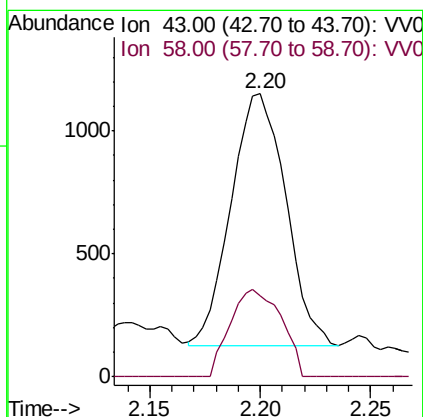
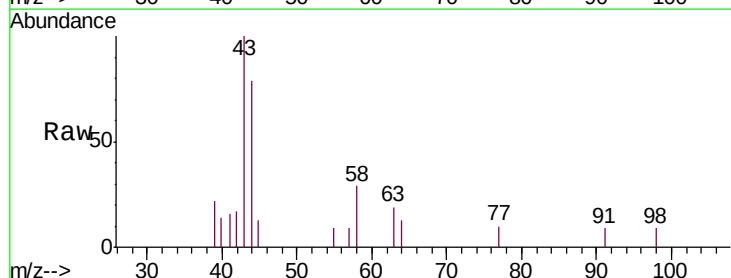
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR2DL

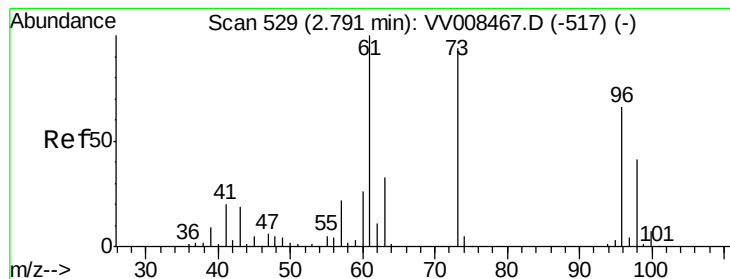
Tgt Ion: 96 Resp: 748
 Ion Ratio Lower Upper
 96 100
 61 1108.2 130.3 242.1#
 63 8836.7 84.4 156.8#



#13
 Acetone
 Concen: 2.198 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. 0.01 min
 Lab File: VV008472.D
 Acq: 30 Oct 2018 17:00

Tgt Ion: 43 Resp: 1774
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 0.294 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV008472.D

Acq: 30 Oct 2018 17:00

Instrument :

MSVOA_V

ClientSampleId :

ETBR2DL

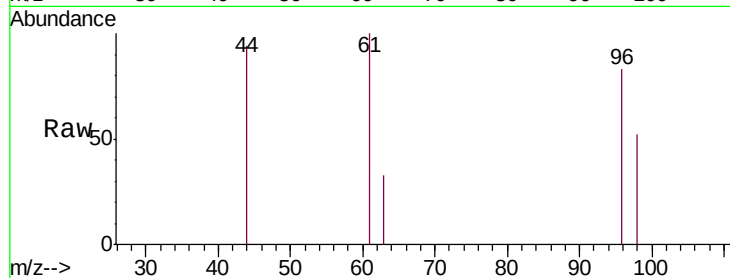
Tgt Ion: 96 Resp: 348

Ion Ratio Lower Upper

96 100

61 120.9 108.6 201.6

98 62.3 44.3 82.3

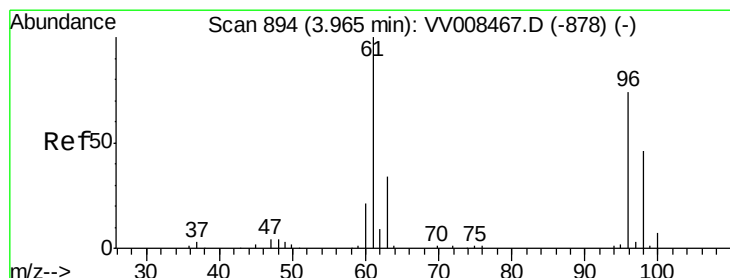
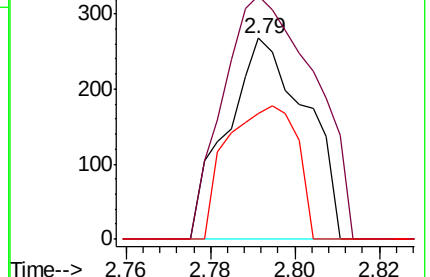
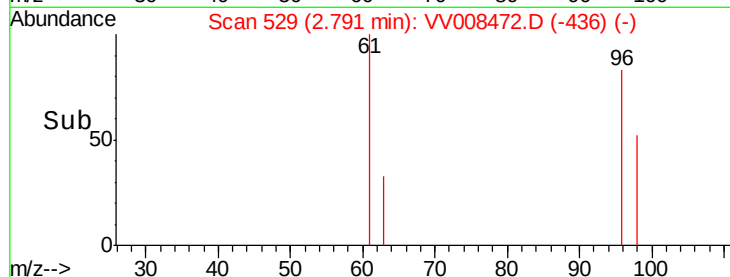


Abundance Ion 96.00 (95.70 to 96.70): VV008472.D (-436) (-)

Ion 61.00 (60.70 to 61.70): VV008472.D (-436) (-)

Ion 98.00 (97.70 to 98.70): VV008472.D (-436) (-)

Time--> 2.76 2.78 2.80 2.82



#20

cis-1,2-Dichloroethene

Concen: 71.100 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008472.D

Acq: 30 Oct 2018 17:00

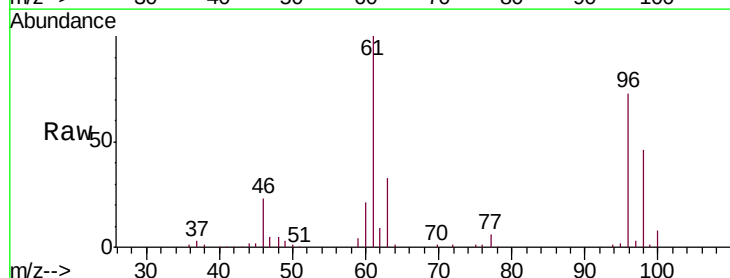
Tgt Ion: 96 Resp: 95725

Ion Ratio Lower Upper

96 100

61 137.6 100.9 187.5

68 0.0 0.0 0.0

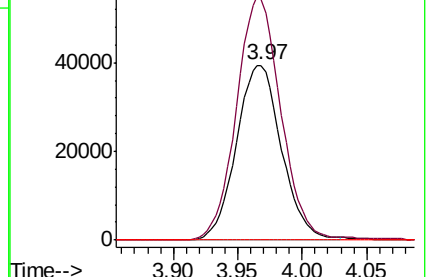
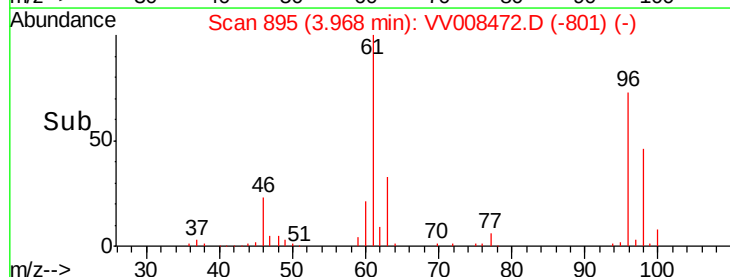


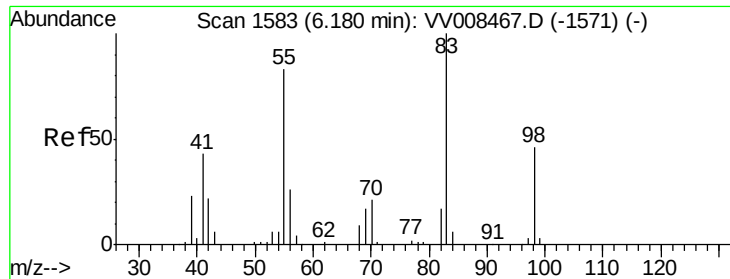
Abundance Ion 96.00 (95.70 to 96.70): VV008472.D (-801) (-)

Ion 61.00 (60.70 to 61.70): VV008472.D (-801) (-)

Ion 68.00 (67.70 to 68.70): VV008472.D (-801) (-)

Time--> 3.90 3.95 4.00 4.05

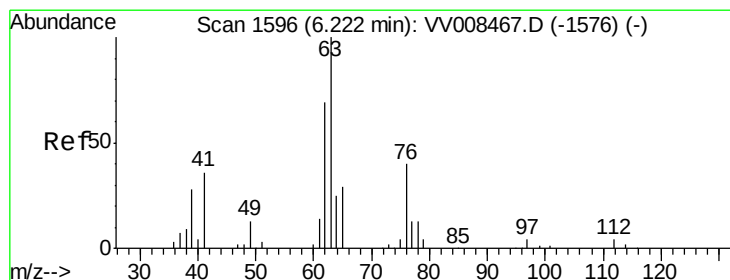
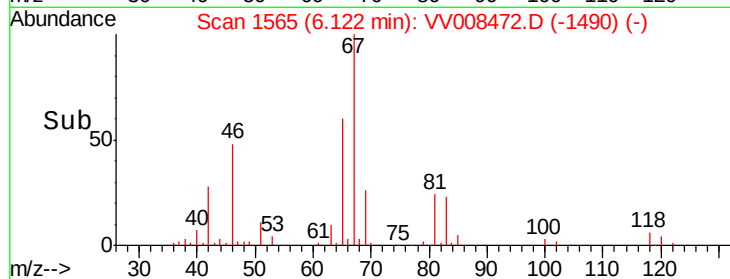
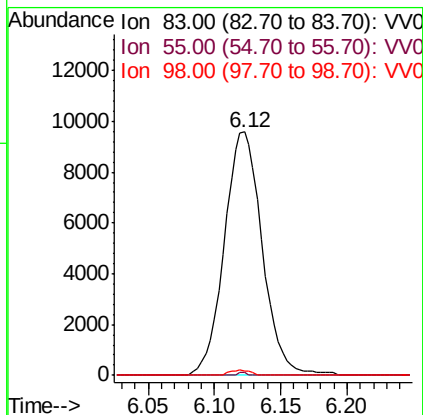
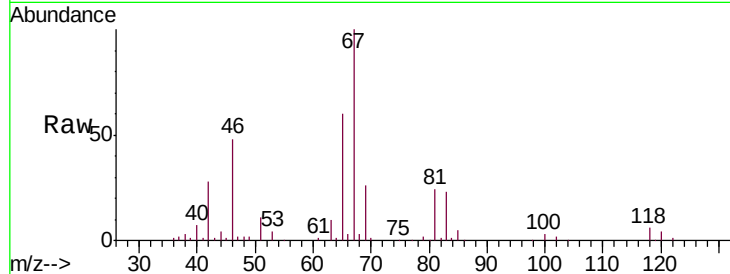




#35
Methylcyclohexane
Concen: 8.572 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008472.D
Acq: 30 Oct 2018 17:00

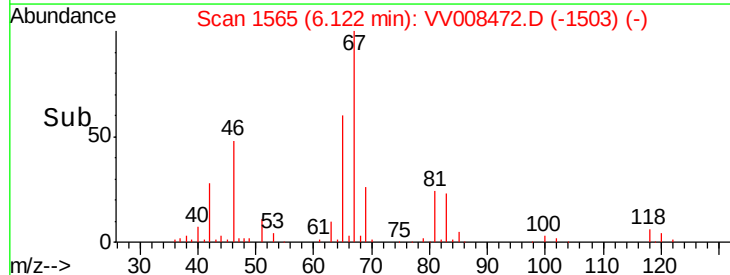
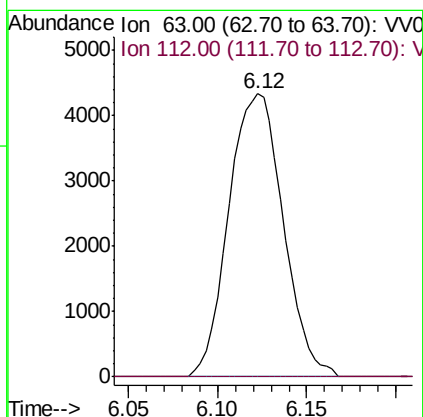
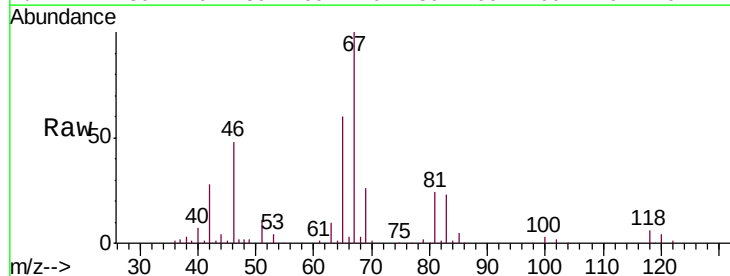
Instrument :
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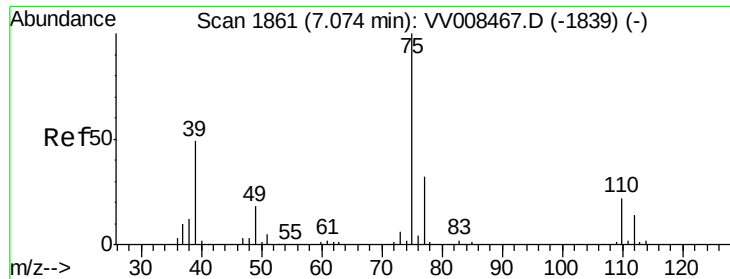
Tgt Ion: 83 Resp: 19010
Ion Ratio Lower Upper
83 100
55 0.2 65.0 97.4#
98 1.1 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 6.562 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008472.D
Acq: 30 Oct 2018 17:00

Tgt Ion: 63 Resp: 9234
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#

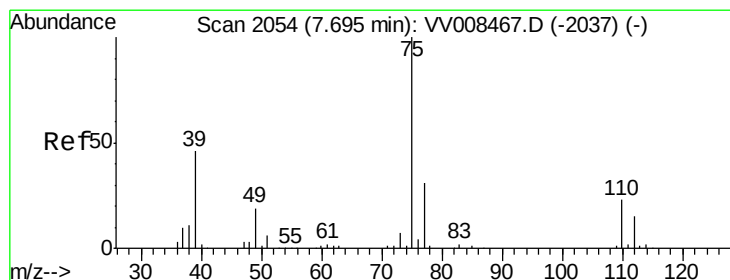
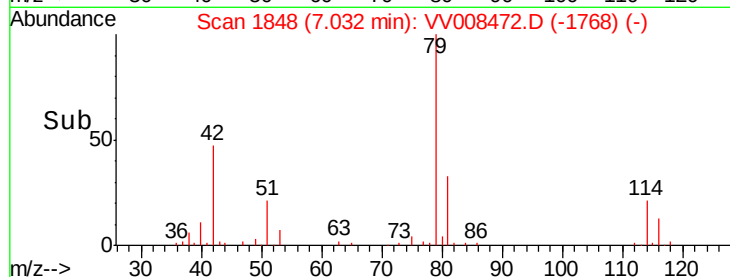
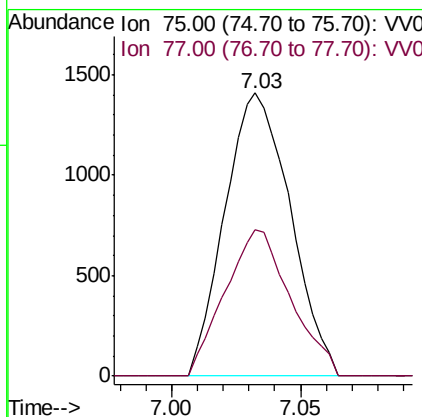
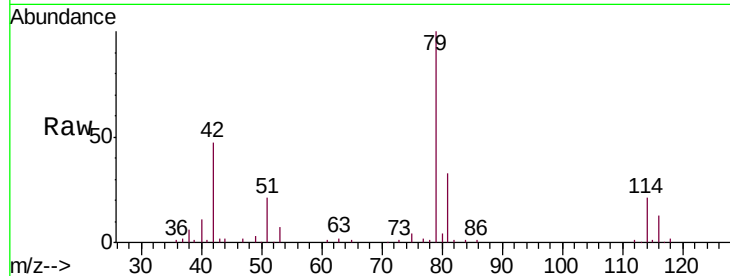




#39
 cis-1,3-Dichloropropene
 Concen: 1.126 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008472.D
 Acq: 30 Oct 2018 17:00

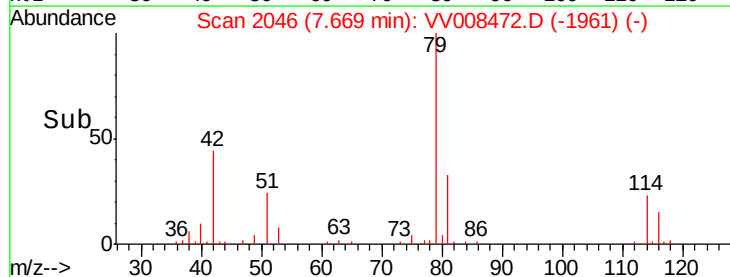
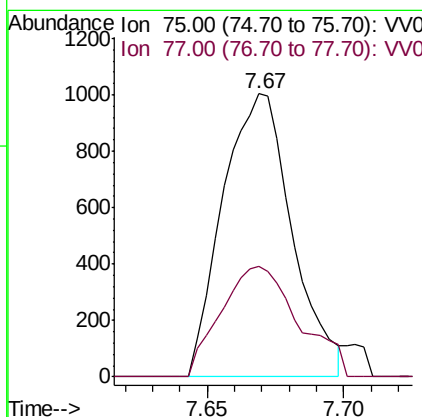
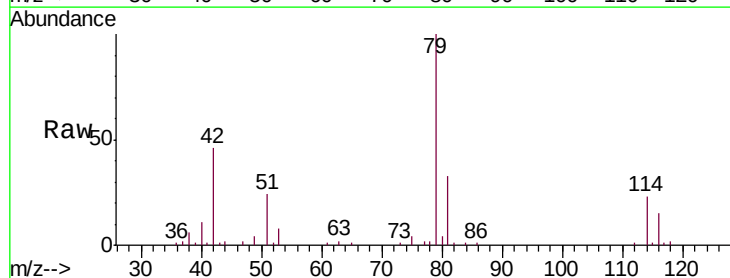
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR2DL

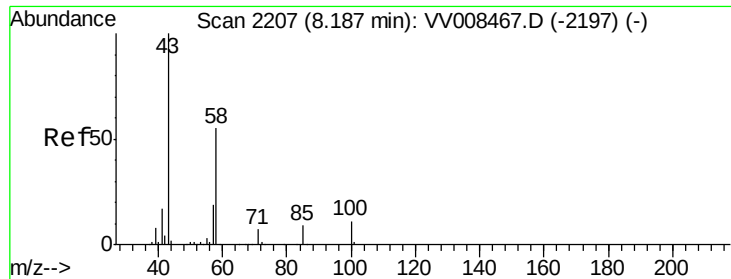
Tgt Ion: 75 Resp: 2492
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.854 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008472.D
 Acq: 30 Oct 2018 17:00

Tgt Ion: 75 Resp: 1768
 Ion Ratio Lower Upper
 75 100
 77 39.1 21.8 40.4





#48

2-Hexanone

Concen: 6.220 ug/L

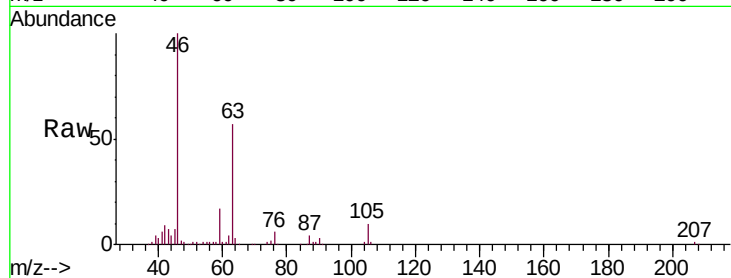
RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV008472.D

Acq: 30 Oct 2018 17:00

Instrument :
MSVOA_V
ClientSampleId :
ETBR2DL



Tgt Ion:	43	Resp:	10001
Ion	Ratio	Lower	Upper
43	100		
58	23.2	42.6	63.8#
57	20.5	14.8	22.2
100	0.0	8.5	12.7#

