

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018663.D
 Acq On : 29 Sep 2020 17:28
 Operator : JC/SP
 Sample : L4143-08
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:57:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	239237	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	231523	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	104959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52402	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.70	69	43685	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.34	63	97360	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.56	46	155316	48.65	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.30%
24) Chloroform-d	5.14	84	129485	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	6.03	65	74780	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	6.05	84	232915	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	7.37	67	72577	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	8.70	98	213362	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
45) trans-1,3-Dichloropropene-	8.99	79	28140	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
48) 2-Hexanone-d5	9.43	63	116624	44.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.94%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	54666	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	79937	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

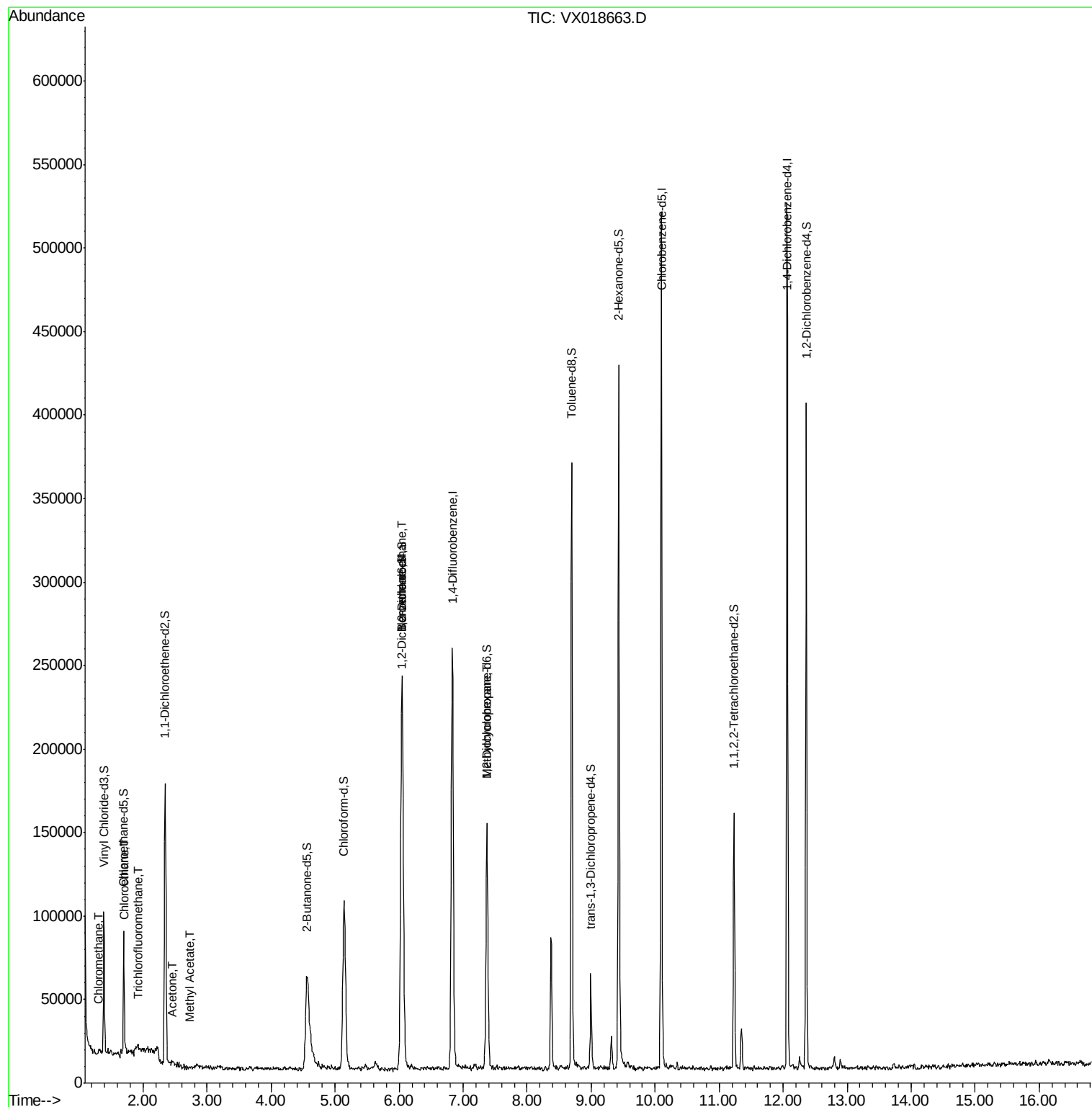
					Ovalue
3) Chloromethane	1.31	50	1333	0.108 ug/L #	55
8) Chloroethane	1.71	64	822	0.115 ug/L	89
9) Trichlorofluoromethane	1.92	101	2520	0.112 ug/L	87
13) Acetone	2.46	43	2553	1.445 ug/L	82
15) Methyl Acetate	2.73	43	547	0.112 ug/L	99
27) 1,2-Dichloroethane	6.05	62	2023	0.140 ug/L	99
35) Methylcyclohexane	7.37	83	18150	1.010 ug/L #	17

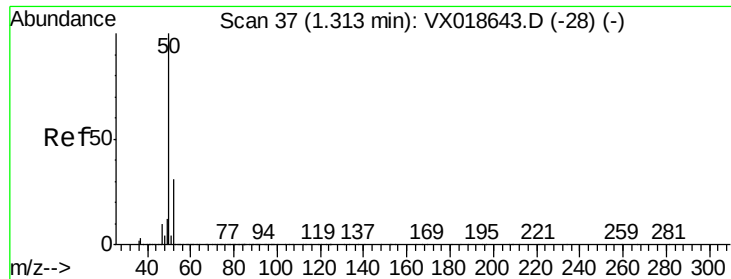
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.108 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018663.D

Acq: 29 Sep 2020 17:28

Instrument :

MSVOA_X

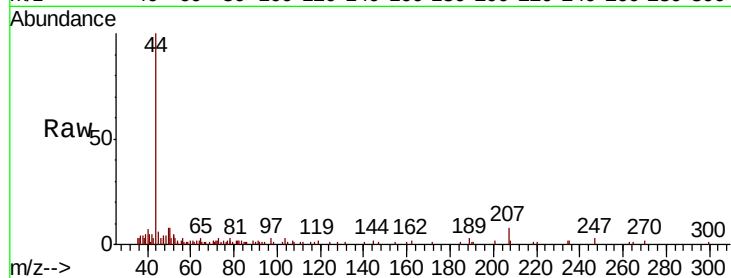
ClientSampled :

Tot Ion: 50 Resp: 1333

Ion Ratio Lower Upper

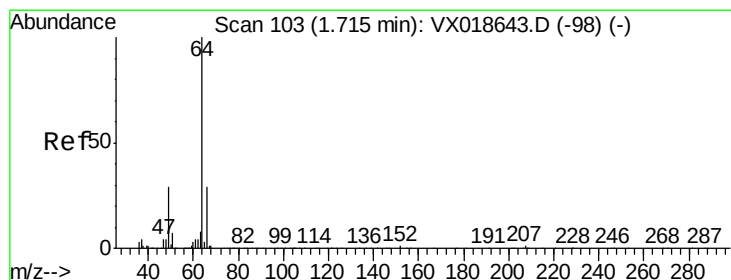
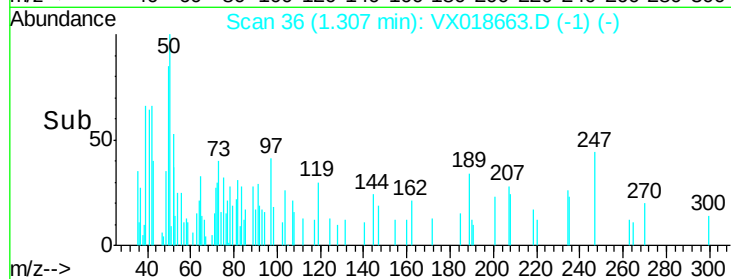
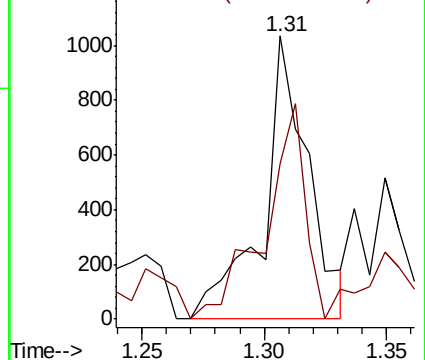
50 100

52 54.8 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#8

Chloroethane

Concen: 0.115 ug/L

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018663.D

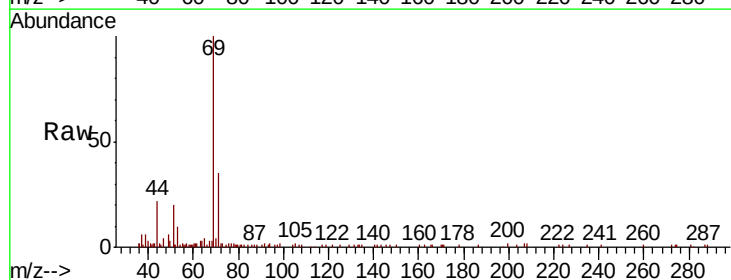
Acq: 29 Sep 2020 17:28

Tgt Ion: 64 Resp: 822

Ion Ratio Lower Upper

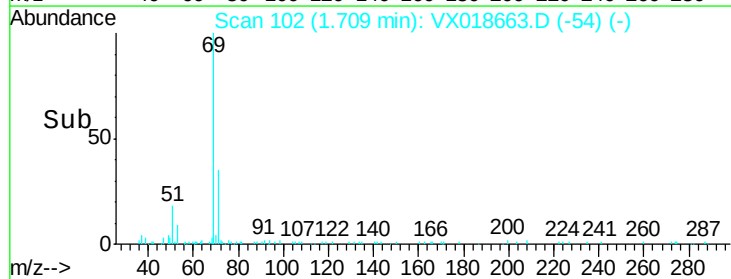
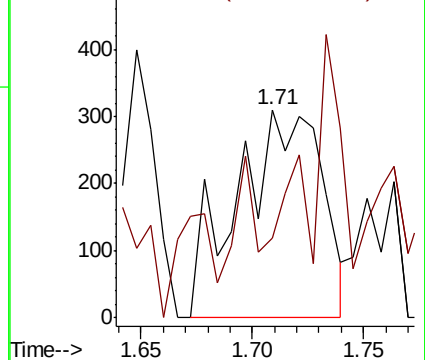
64 100

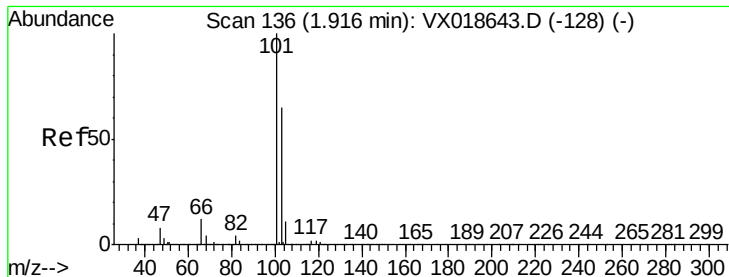
66 38.1 22.3 41.3



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0





#9

Trichlorofluoromethane

Concen: 0.112 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018663.D

Acq: 29 Sep 2020 17:28

Instrument :

MSVOA_X

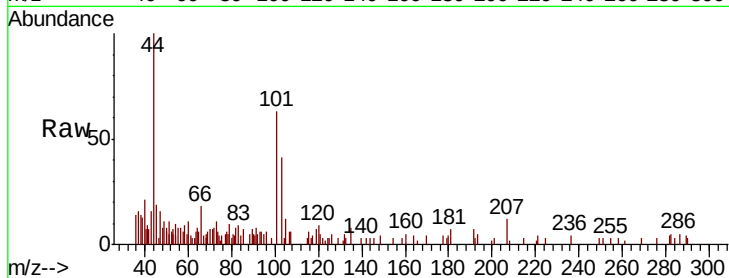
ClientSampleId :

Tot Ion:101 Resp: 2520

Ion Ratio Lower Upper

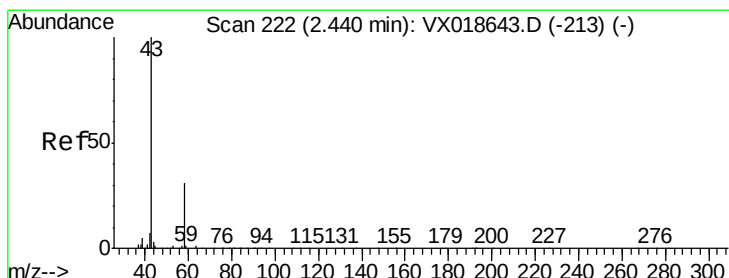
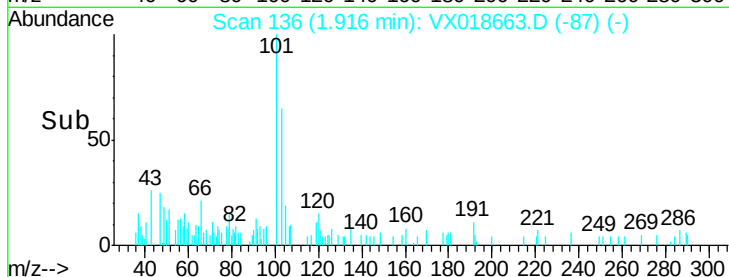
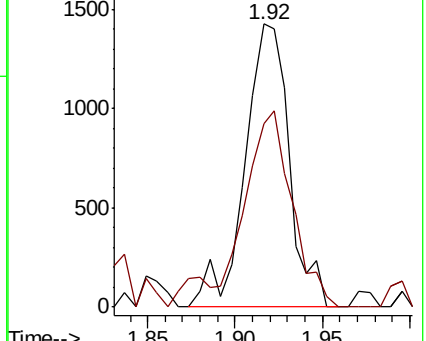
101 100

103 72.5 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.445 ug/L

RT: 2.46 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX018663.D

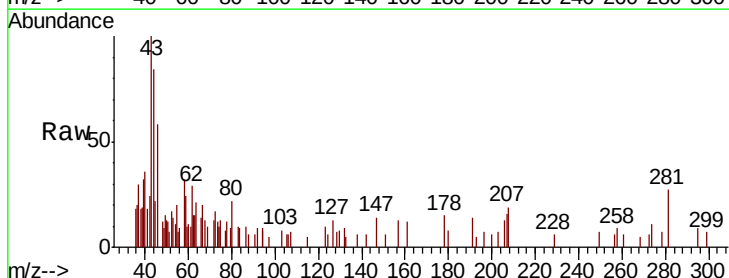
Acq: 29 Sep 2020 17:28

Tgt Ion: 43 Resp: 2553

Ion Ratio Lower Upper

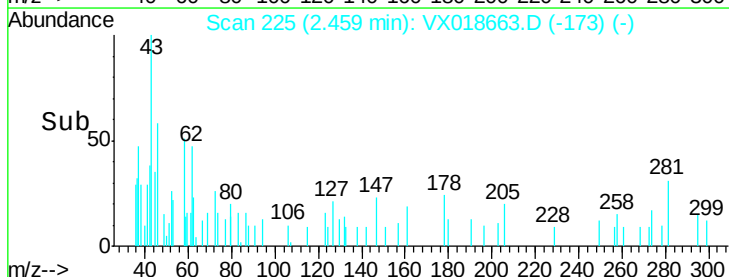
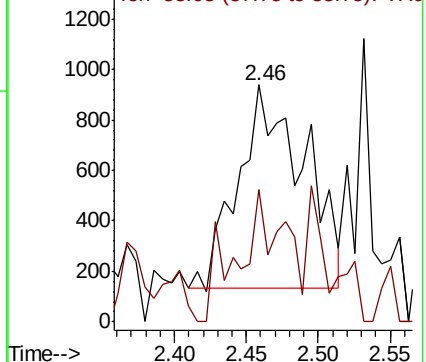
43 100

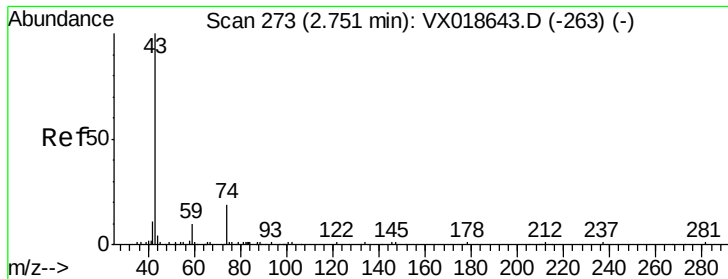
58 20.7 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

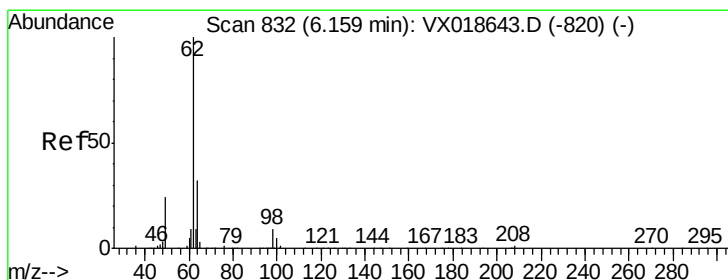
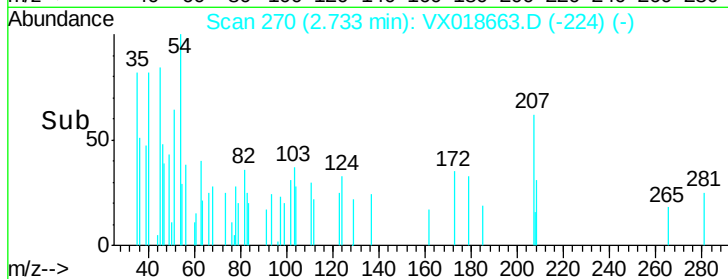
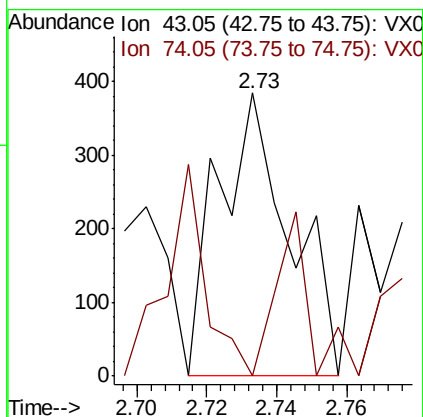
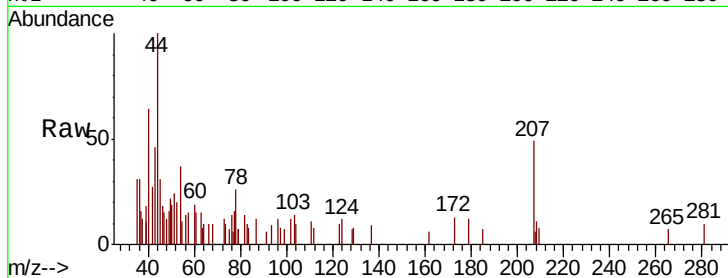




#15
Methyl Acetate
Concen: 0.112 ug/L
RT: 2.73 min Scan# 270
Delta R.T. -0.02 min
Lab File: VX018663.D
Acq: 29 Sep 2020 17:28

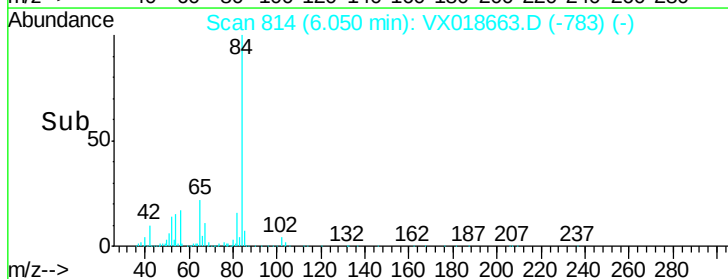
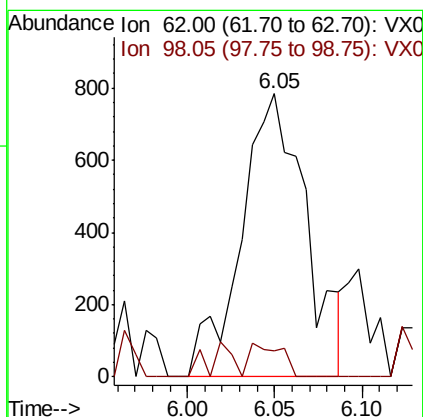
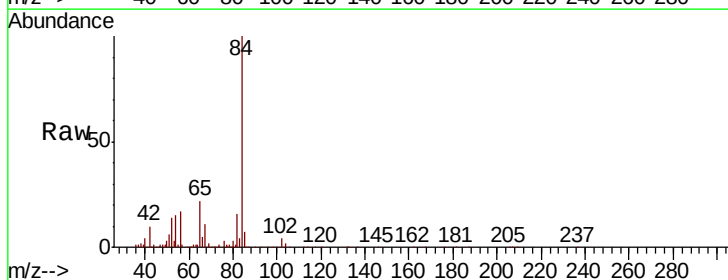
Instrument :
MSVOA_X
ClientSampled :

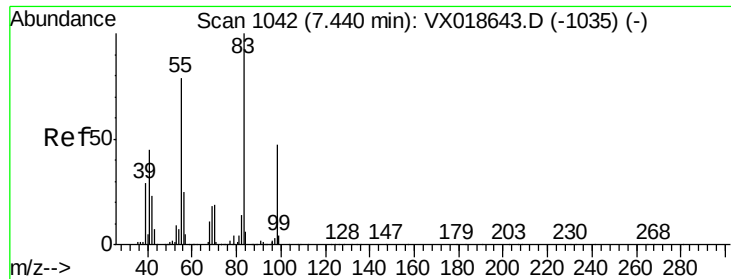
Tot Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
74 26.9 21.2 31.8



#27
1,2-Dichloroethane
Concen: 0.140 ug/L
RT: 6.05 min Scan# 814
Delta R.T. -0.11 min
Lab File: VX018663.D
Acq: 29 Sep 2020 17:28

Tgt Ion: 62 Resp: 2023
Ion Ratio Lower Upper
62 100
98 9.2 7.0 10.4





#35

Methylcyclohexane

Concen: 1.010 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX018663.D

Acq: 29 Sep 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :

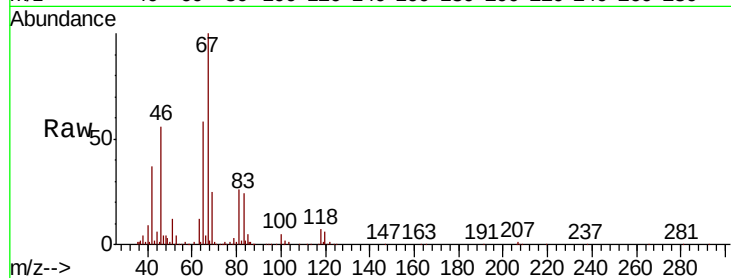
Tot Ion: 83 Resp: 18150

Ion Ratio Lower Upper

83 100

55 2.6 67.4 101.0#

98 1.4 41.1 61.7#



Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

