

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100720\
 Data File : VX018829.D
 Acq On : 07 Oct 2020 22:47
 Operator : JC/SP
 Sample : L4286-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT4

Quant Time: Oct 08 01:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	140481	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	131642	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	57660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30533	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.70	69	29700	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.34	63	55715	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.56	46	134306	62.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.80%
24) Chloroform-d	5.14	84	92950	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	6.03	65	55710	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	6.05	84	159009	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	7.37	67	50596	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	8.70	98	135890	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
45) trans-1,3-Dichloropropene-	8.99	79	21820	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	9.43	63	102564	60.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.28%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	42519	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	54945	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

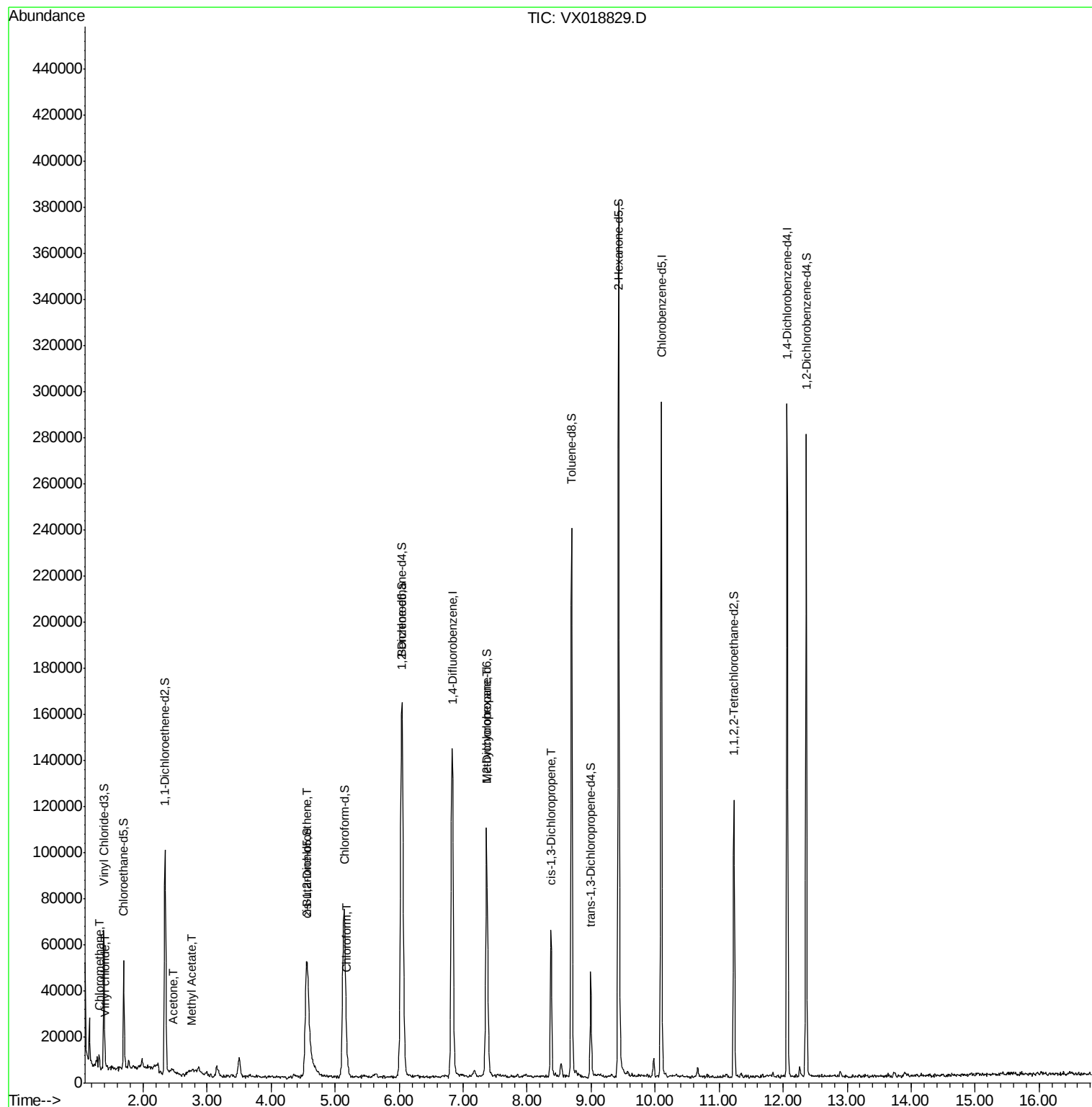
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	4256	0.626	ug/L	87
5) Vinyl chloride	1.42	62	461	0.061	ug/L #	76
13) Acetone	2.47	43	4776	4.064	ug/L	87
15) Methyl Acetate	2.75	43	357	0.124	ug/L #	47
22) cis-1,2-Dichloroethene	4.57	96	348	0.045	ug/L #	43
25) Chloroform	5.18	83	9765	0.641	ug/L	99
35) Methylcyclohexane	7.37	83	13213	1.146	ug/L #	20
39) cis-1,3-Dichloropropene	8.37	75	1826	0.166	ug/L	87

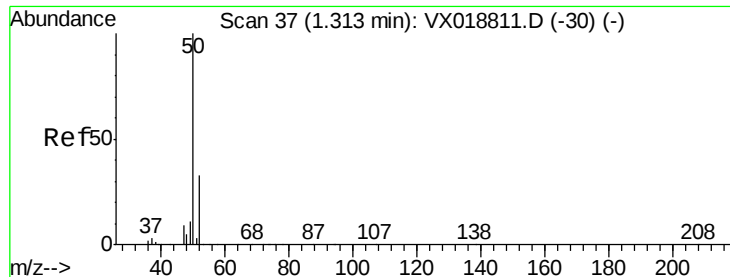
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.626 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018829.D

Acq: 07 Oct 2020 22:47

Instrument :

MSVOA_X

ClientSampleId :

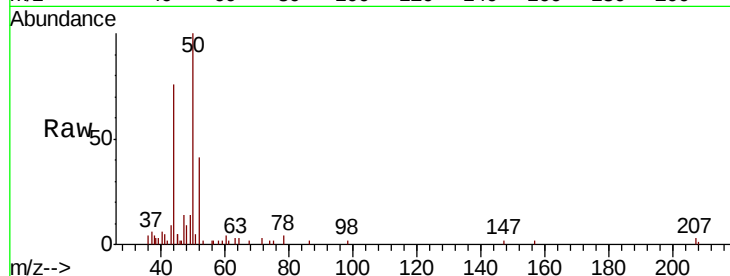
C0AT4

Tot Ion: 50 Resp: 4256

Ion Ratio Lower Upper

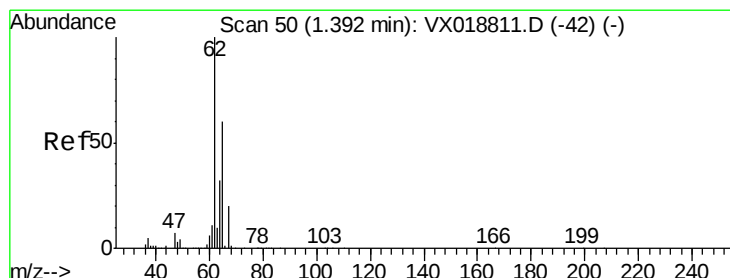
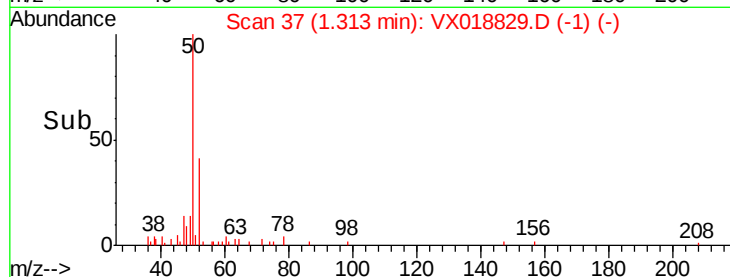
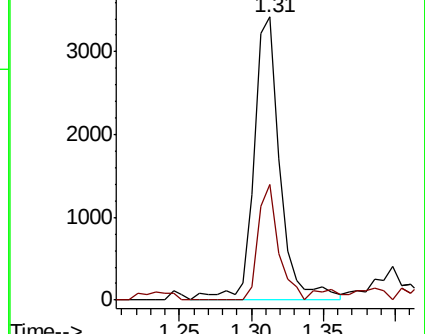
50 100

52 40.8 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#5

Vinyl chloride

Concen: 0.061 ug/L

RT: 1.42 min Scan# 54

Delta R.T. 0.02 min

Lab File: VX018829.D

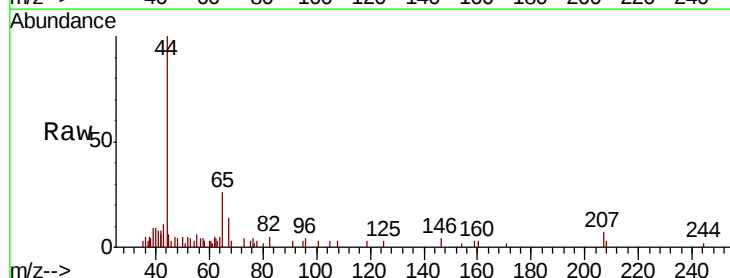
Acq: 07 Oct 2020 22:47

Tgt Ion: 62 Resp: 461

Ion Ratio Lower Upper

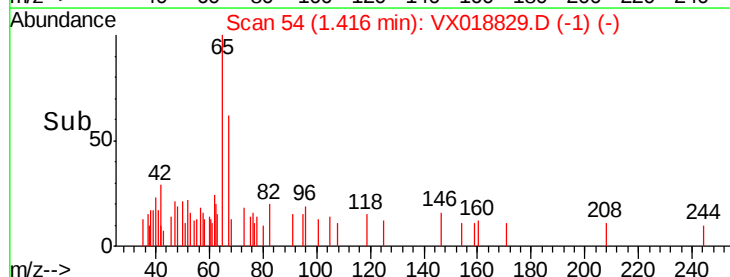
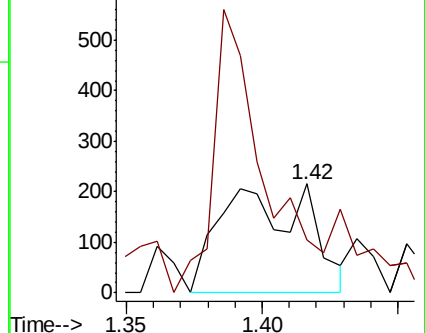
62 100

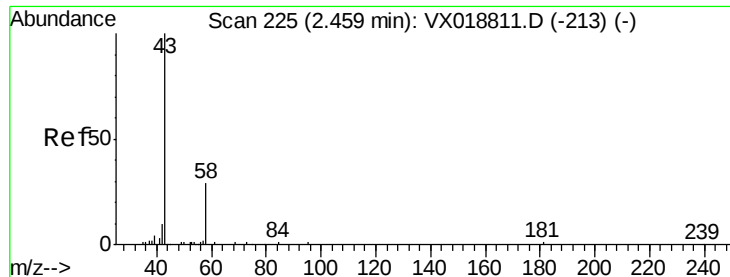
64 48.8 24.3 45.1#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0





#13

Acetone

Concen: 4.064 ug/L

RT: 2.47 min Scan# 227

Delta R.T. 0.01 min

Lab File: VX018829.D

Acq: 07 Oct 2020 22:47

Instrument :

MSVOA_X

ClientSampled :

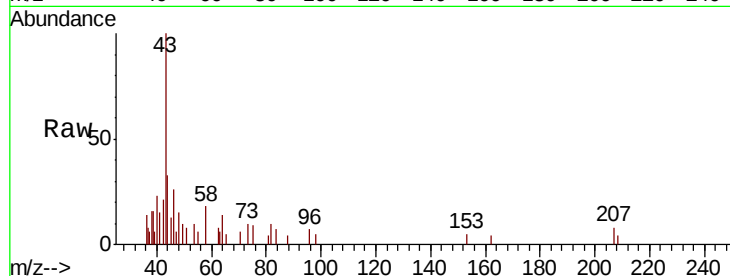
C0AT4

Tot Ion: 43 Resp: 4776

Ion Ratio Lower Upper

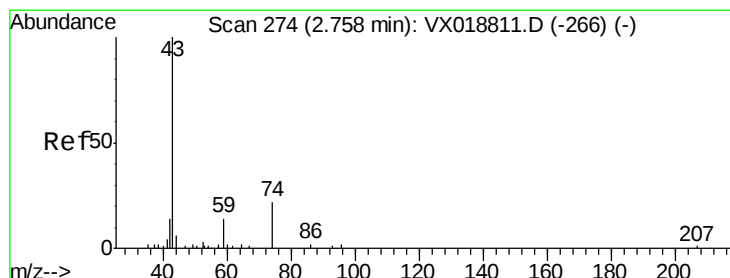
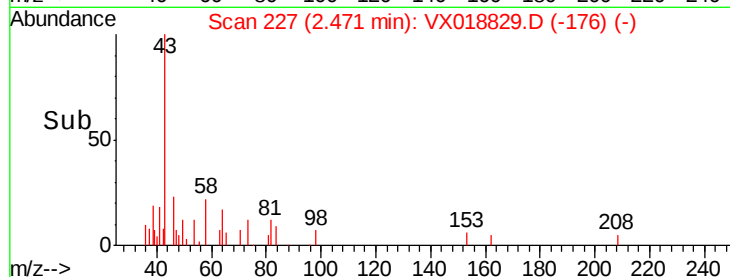
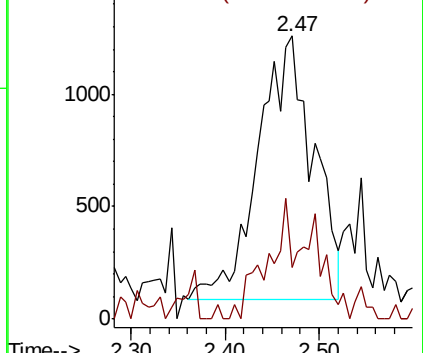
43 100

58 21.4 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#15

Methyl Acetate

Concen: 0.124 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX018829.D

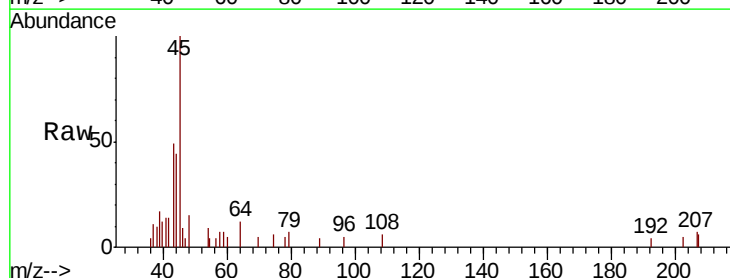
Acq: 07 Oct 2020 22:47

Tgt Ion: 43 Resp: 357

Ion Ratio Lower Upper

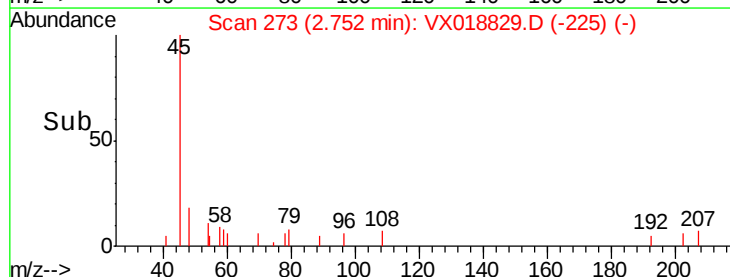
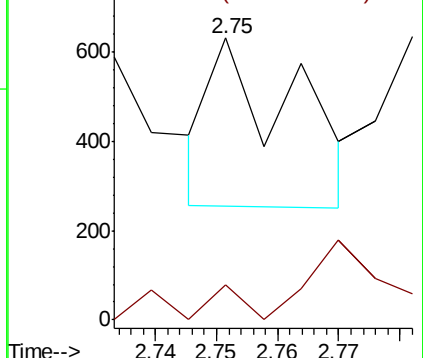
43 100

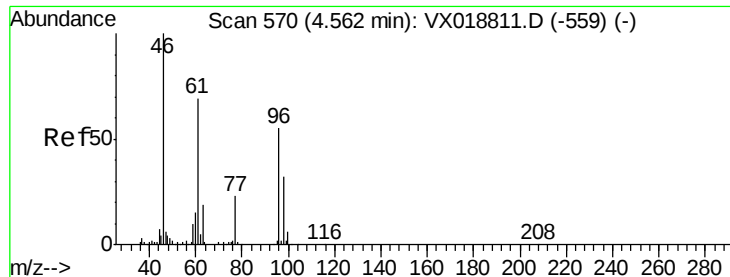
74 0.0 21.9 32.9#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0



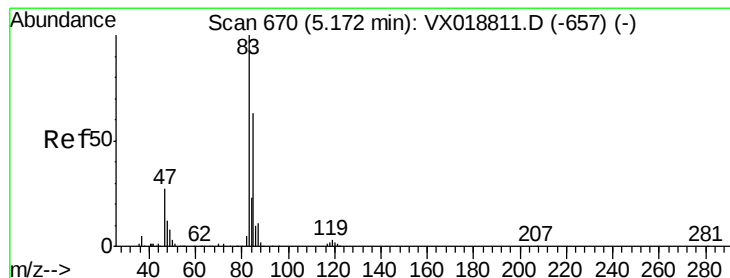
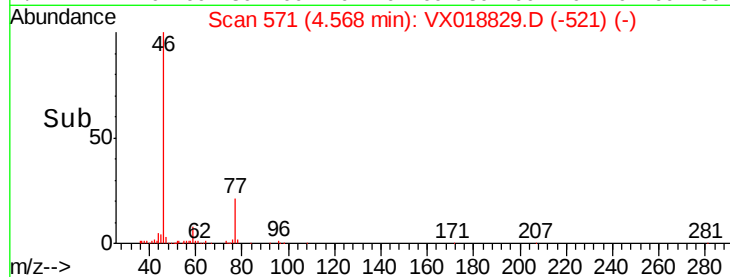
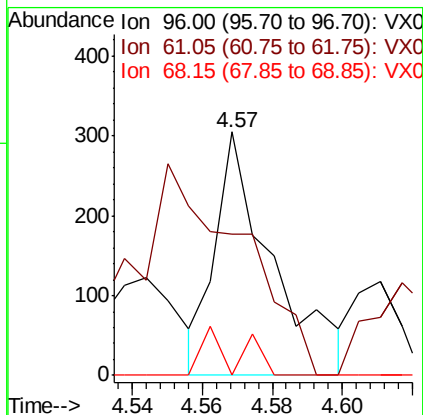
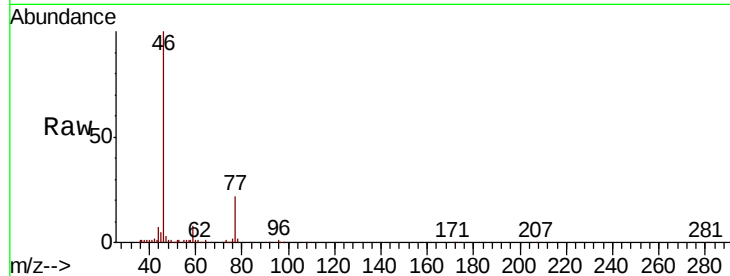


#22

cis-1,2-Dichloroethene
 Concen: 0.045 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018829.D
 Acq: 07 Oct 2020 22:47

Instrument :
 MSVOA_X
 ClientSampled :
 C0AT4

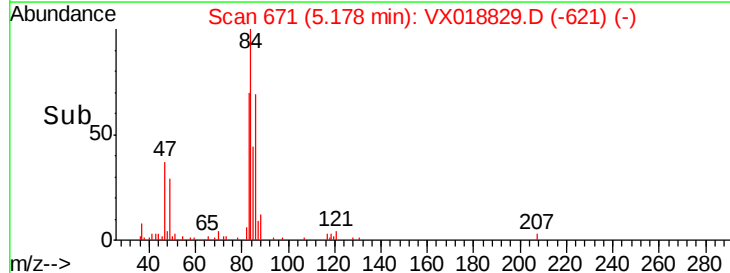
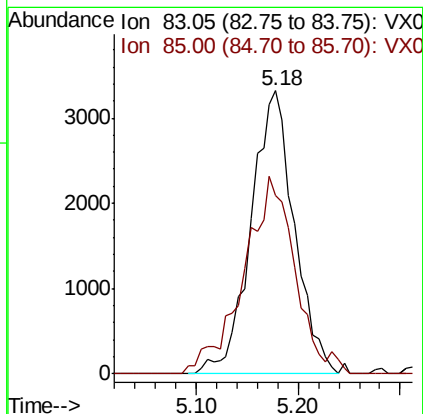
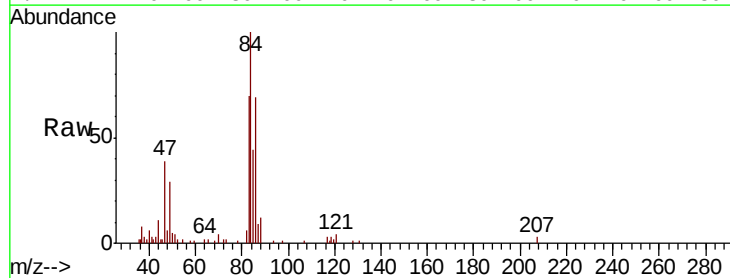
Tot Ion: 96 Resp: 348
 Ion Ratio Lower Upper
 96 100
 61 58.0 86.2 160.0#
 68 0.0 0.3 0.7#

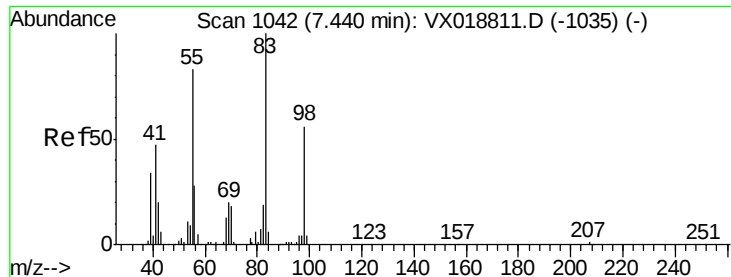


#25

Chloroform
 Concen: 0.641 ug/L
 RT: 5.18 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: VX018829.D
 Acq: 07 Oct 2020 22:47

Tgt Ion: 83 Resp: 9765
 Ion Ratio Lower Upper
 83 100
 85 62.9 44.6 82.8

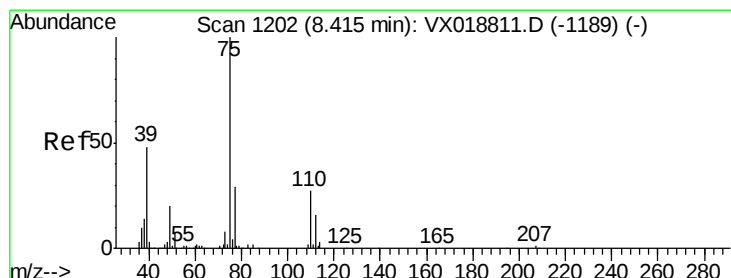
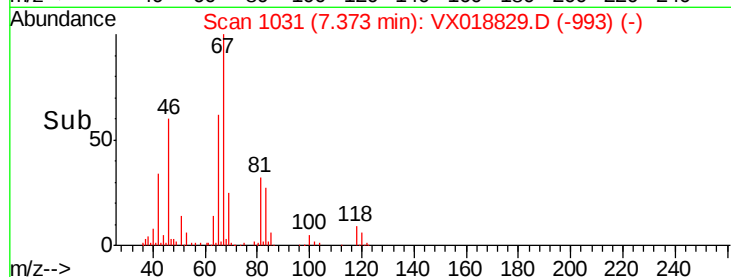
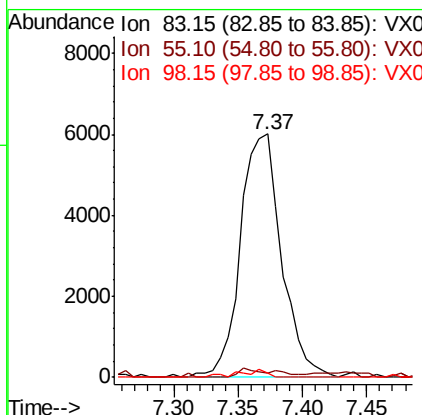
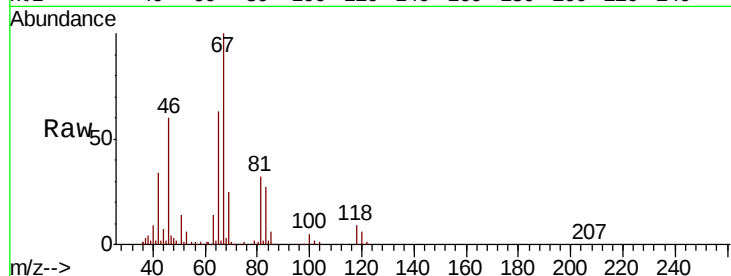




#35
Methvlcvclohexane
Concen: 1.146 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018829.D
Acq: 07 Oct 2020 22:47

Instrument :
MSVOA_X
ClientSampleId :
C0AT4

Tot Ion: 83 Resp: 13213
Ion Ratio Lower Upper
83 100
55 1.2 60.3 90.5#
98 1.7 39.4 59.0#



#39
cis-1,3-Dichloropropene
Concen: 0.166 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX018829.D
Acq: 07 Oct 2020 22:47

Tgt Ion: 75 Resp: 1826
Ion Ratio Lower Upper
75 100
77 39.5 22.5 41.7

