

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
 Data File : VX018825.D
 Acq On : 07 Oct 2020 21:05
 Operator : JC/SP
 Sample : L4290-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLWT6

Quant Time: Oct 08 01:20:54 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	143707	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	137993	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	59507	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29836	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.70	69	30277	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.34	63	56890	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.56	46	130799	59.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.80%
24) Chloroform-d	5.14	84	91915	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	6.03	65	56609	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	6.04	84	158053	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	7.37	67	50196	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	8.70	98	138962	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
45) trans-1,3-Dichloropropene-	8.99	79	21767	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	9.43	63	104486	58.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.90%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	42381	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	59019	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

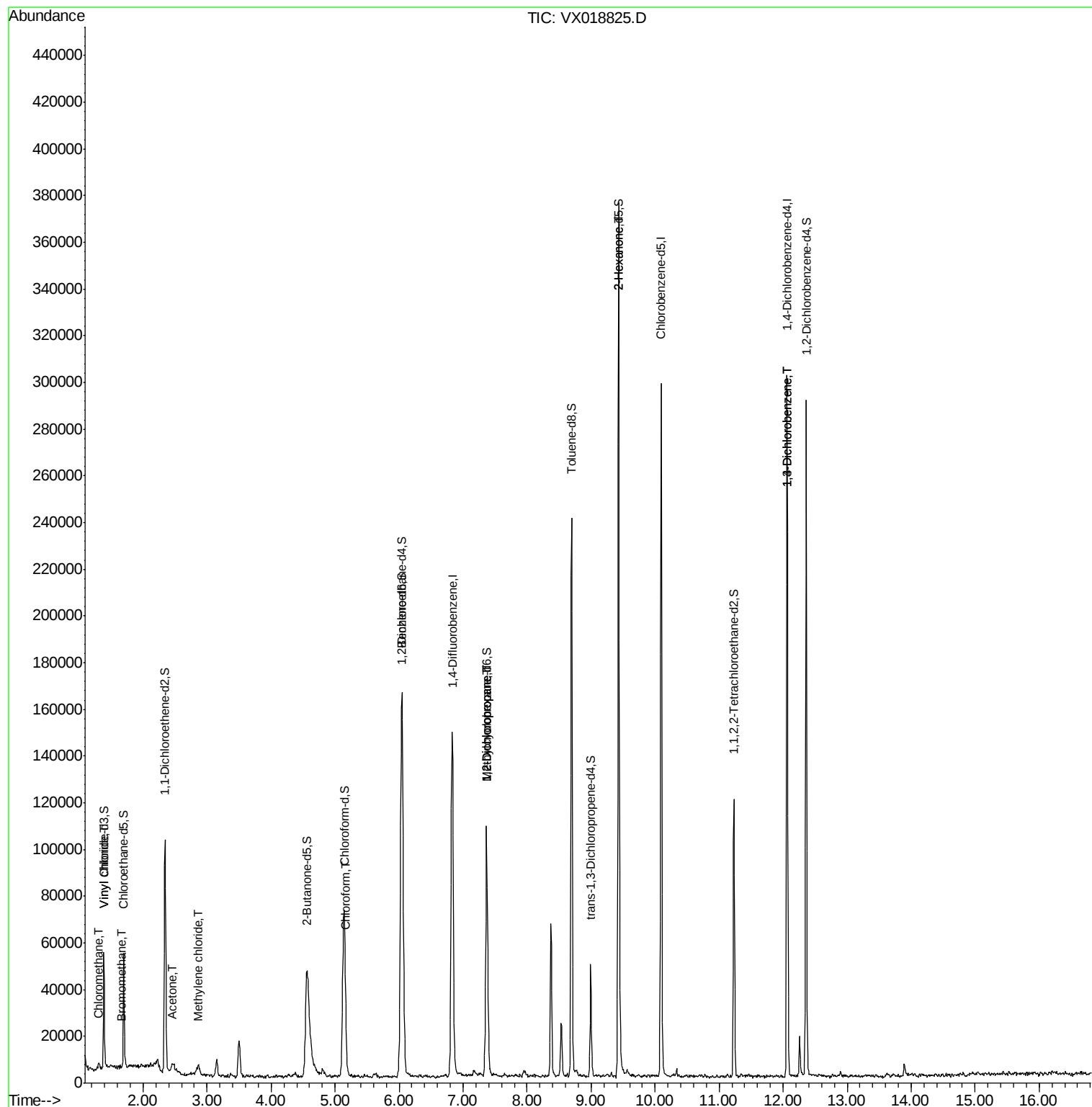
					Ovalue
3) Chloromethane	1.31	50	1356	0.195 ug/L	96
5) Vinyl chloride	1.39	62	459	0.059 ug/L #	1
6) Bromomethane	1.66	94	426	0.093 ug/L #	35
13) Acetone	2.46	43	10902	9.069 ug/L	94
16) Methylene chloride	2.85	84	1127	0.130 ug/L #	69
25) Chloroform	5.17	83	2887	0.185 ug/L	76
35) Methylcyclohexane	7.37	83	13561	1.122 ug/L #	20
37) 1,2-Dichloropropane	7.37	63	6746	0.932 ug/L #	84
50) 2-Hexanone	9.43	43	13134	4.312 ug/L #	72
63) 1,3-Dichlorobenzene	12.07	146	1330	0.092 ug/L	84
64) 1,4-Dichlorobenzene	12.07	146	1330	0.092 ug/L	86

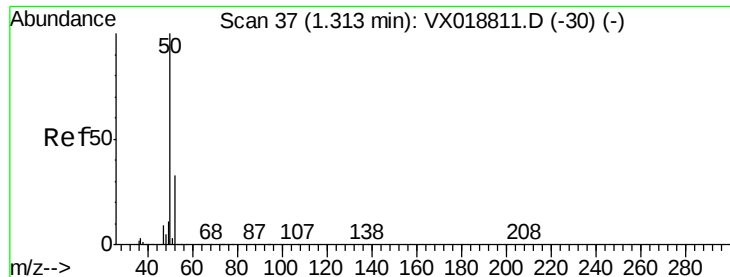
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 08 01:16:58 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.195 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018825.D

Acq: 07 Oct 2020 21:05

Instrument :

MSVOA_X

ClientSampleId :

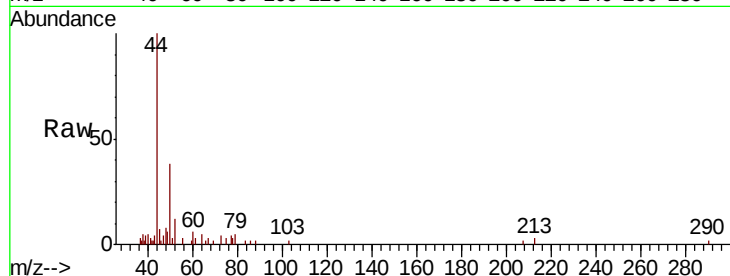
JLWT6

Tot Ion: 50 Resp: 1356

Ion Ratio Lower Upper

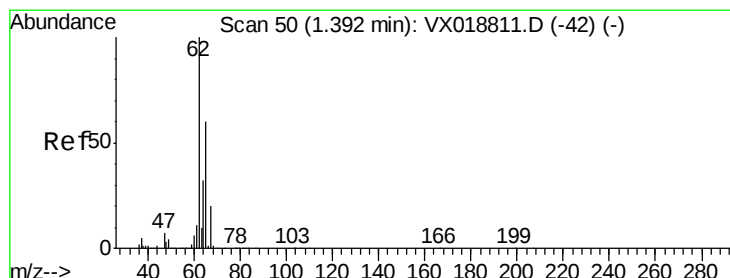
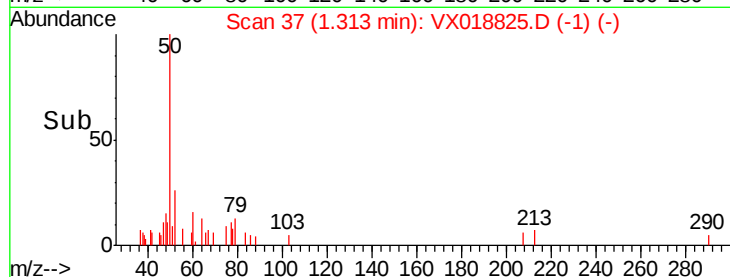
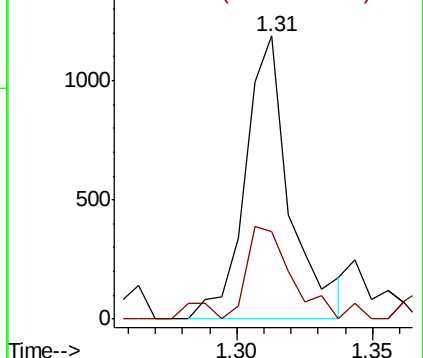
50 100

52 31.1 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: 0.059 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018825.D

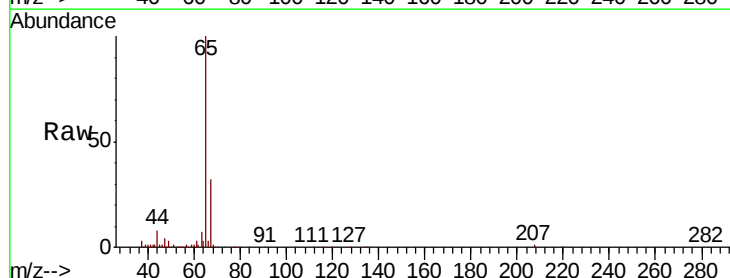
Acq: 07 Oct 2020 21:05

Tgt Ion: 62 Resp: 459

Ion Ratio Lower Upper

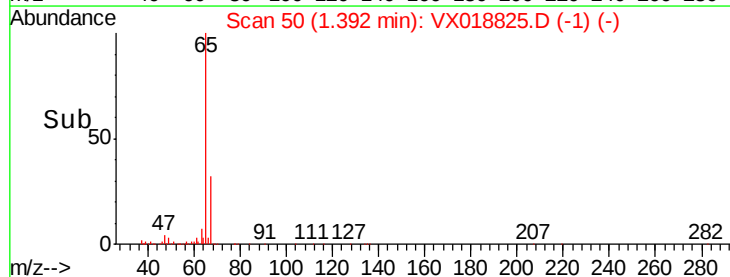
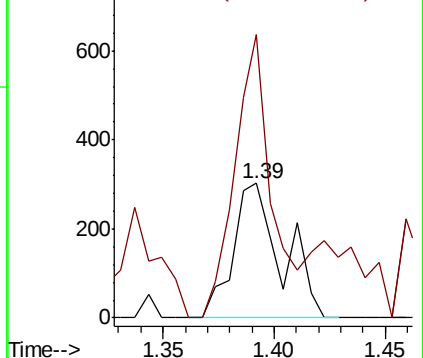
62 100

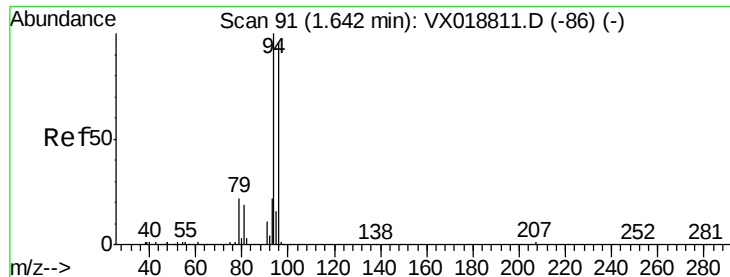
64 209.9 24.3 45.1#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0





#6

Bromomethane

Concen: 0.093 ug/L

RT: 1.66 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX018825.D

Acq: 07 Oct 2020 21:05

Instrument :

MSVOA_X

ClientSampled :

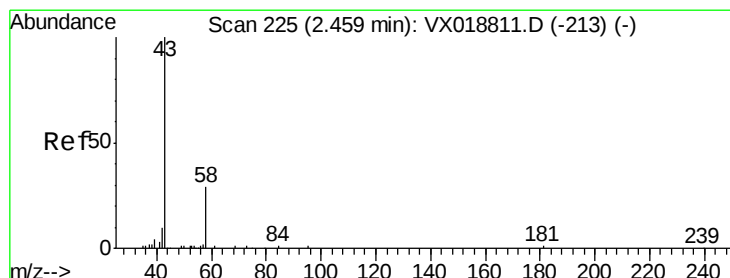
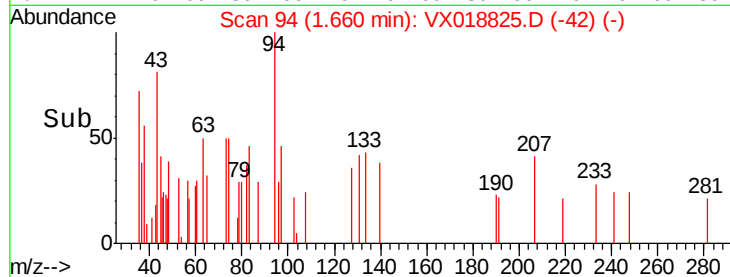
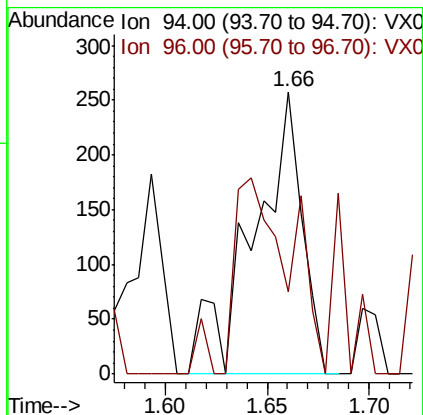
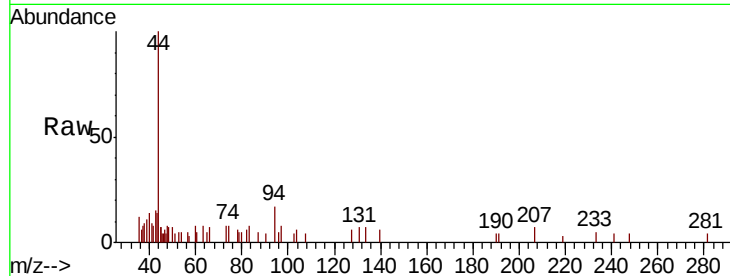
JLWT6

Tot Ion: 94 Resp: 426

Ion Ratio Lower Upper

94 100

96 29.1 63.5 117.9#



#13

Acetone

Concen: 9.069 ug/L

RT: 2.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: VX018825.D

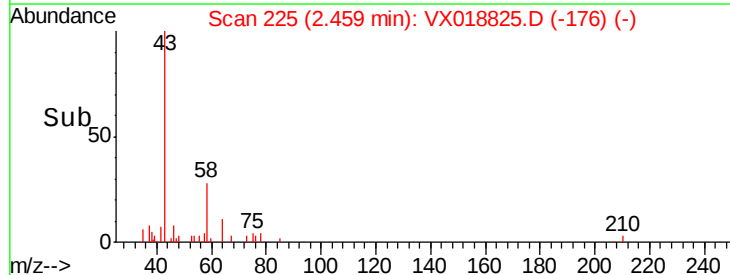
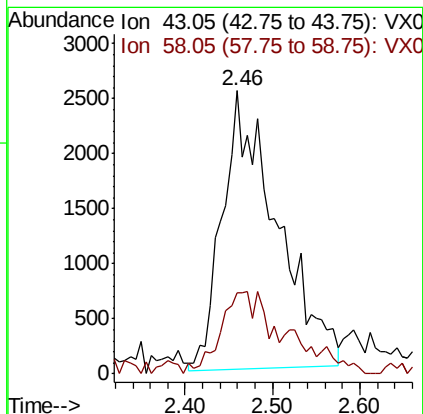
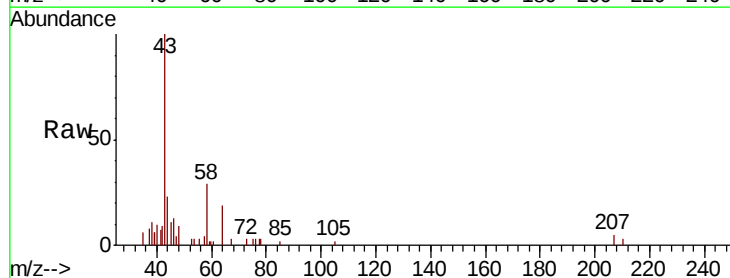
Acq: 07 Oct 2020 21:05

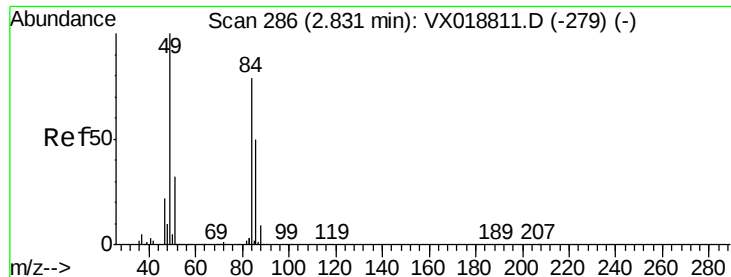
Tgt Ion: 43 Resp: 10902

Ion Ratio Lower Upper

43 100

58 25.1 0.0 56.4

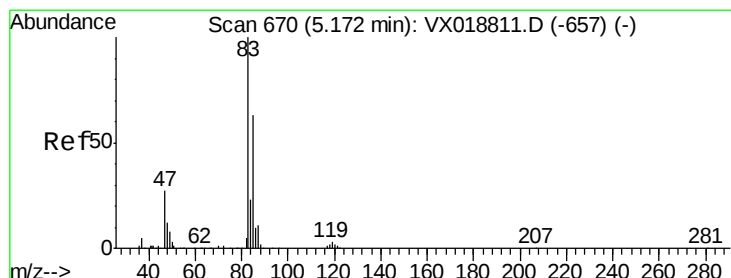
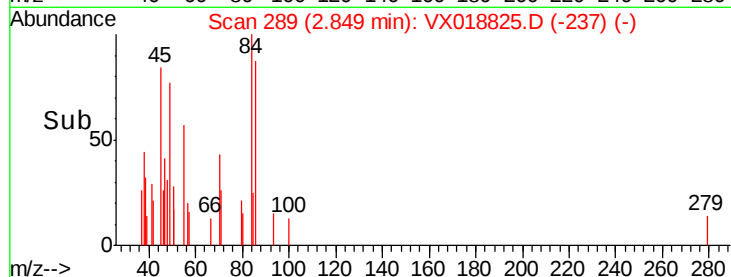
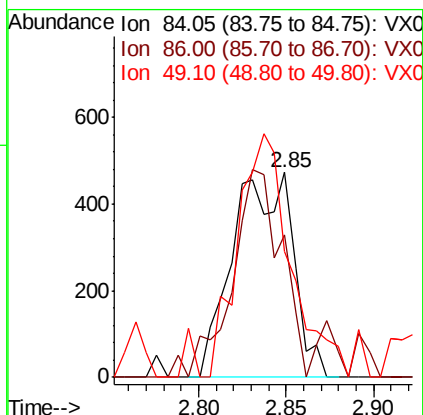
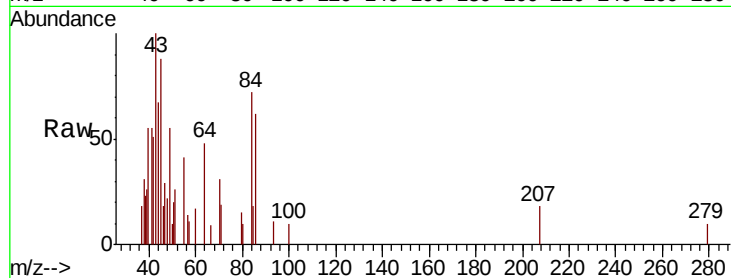




#16
Methvlene chloride
Concen: 0.130 ug/L
RT: 2.85 min Scan# 289
Delta R.T. 0.02 min
Lab File: VX018825.D
Acq: 07 Oct 2020 21:05

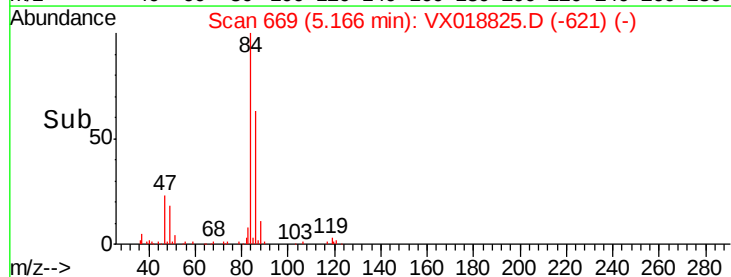
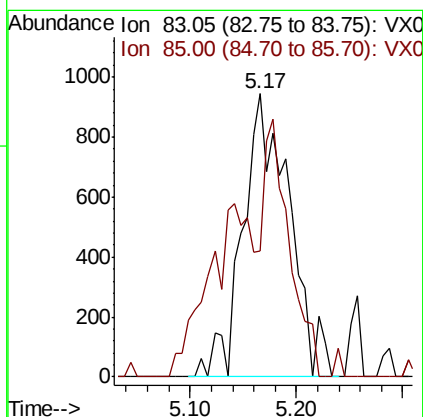
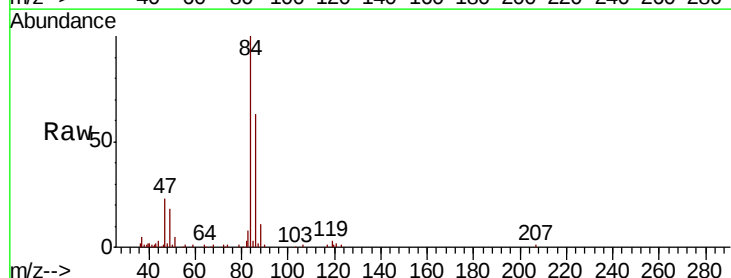
Instrument :
MSVOA_X
ClientSampleId :
JLWT6

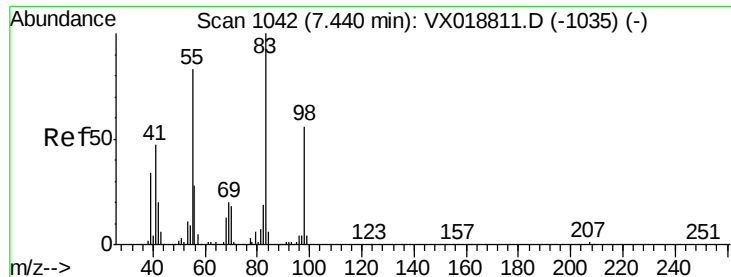
Tot Ion: 84 Resp: 1127
Ion Ratio Lower Upper
84 100
86 69.3 45.6 84.8
49 72.5 85.8 159.3#



#25
Chloroform
Concen: 0.185 ug/L
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX018825.D
Acq: 07 Oct 2020 21:05

Tgt Ion: 83 Resp: 2887
Ion Ratio Lower Upper
83 100
85 44.7 44.6 82.8

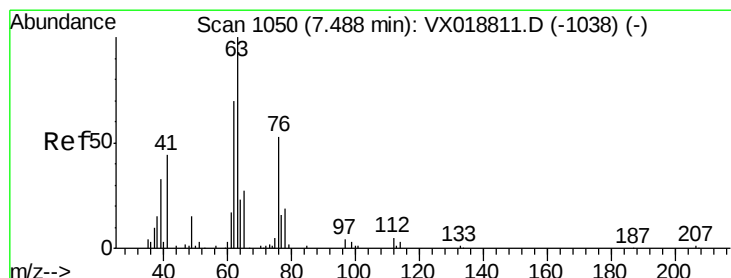
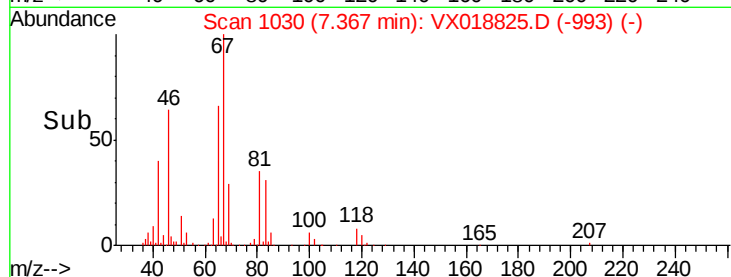
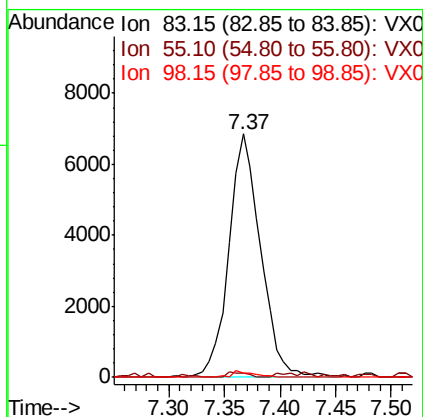
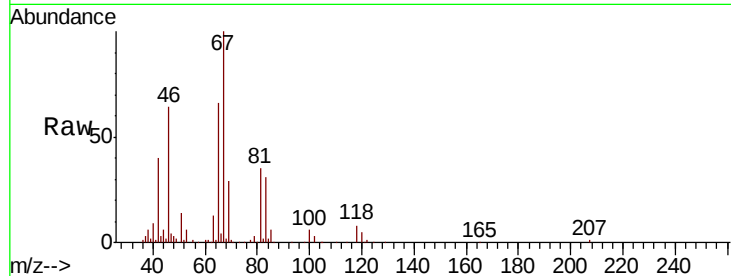




#35
Methvlcvclohexane
Concen: 1.122 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018825.D
Acq: 07 Oct 2020 21:05

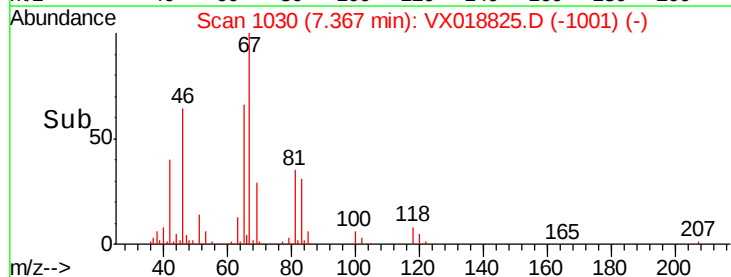
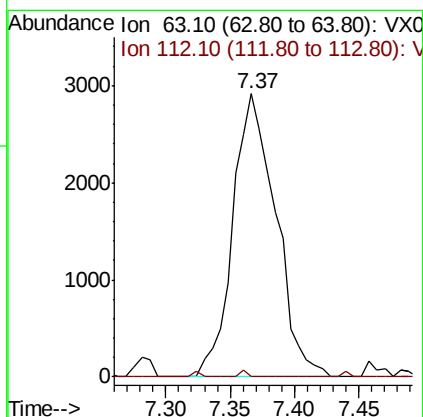
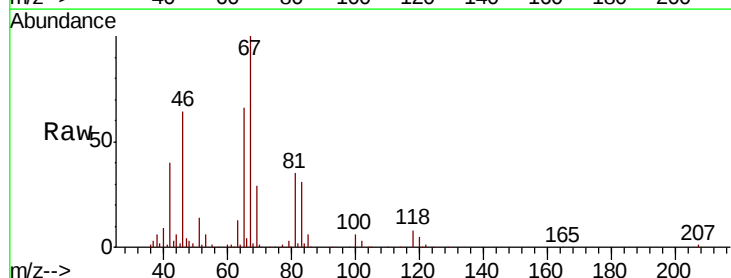
Instrument :
MSVOA_X
ClientSampled :
JLWT6

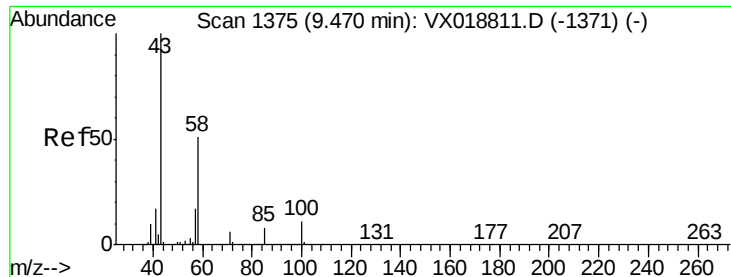
Tot Ion: 83 Resp: 13561
Ion Ratio Lower Upper
83 100
55 1.3 60.3 90.5#
98 1.8 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.932 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX018825.D
Acq: 07 Oct 2020 21:05

Tgt Ion: 63 Resp: 6746
Ion Ratio Lower Upper
63 100
112 0.4 4.7 7.1#

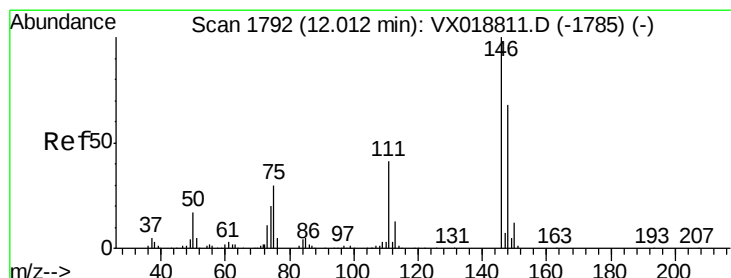
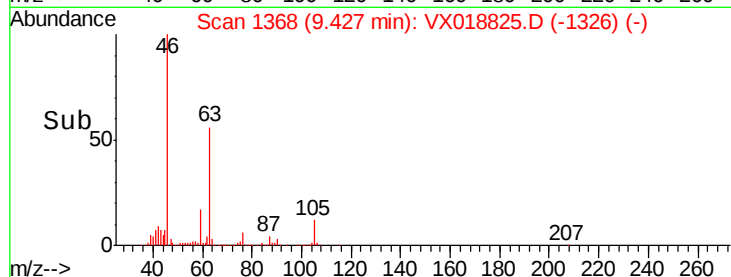
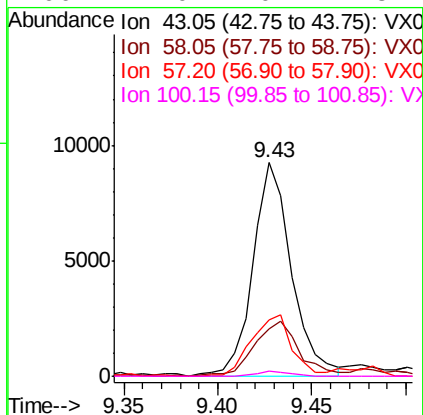
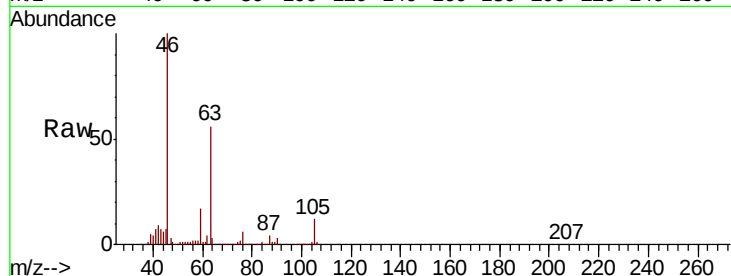




#50
2-Hexanone
Concen: 4.312 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX018825.D
Acq: 07 Oct 2020 21:05

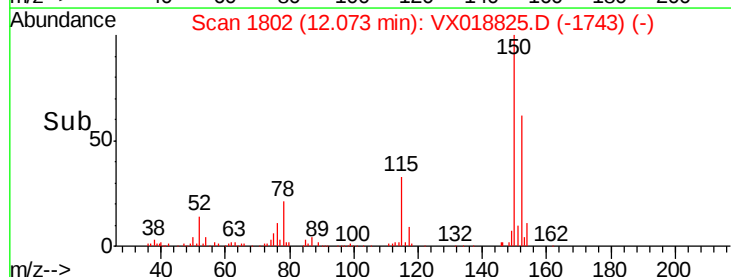
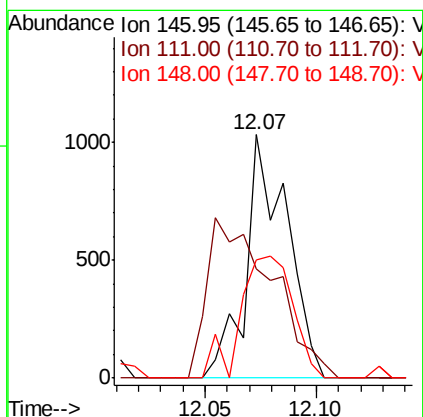
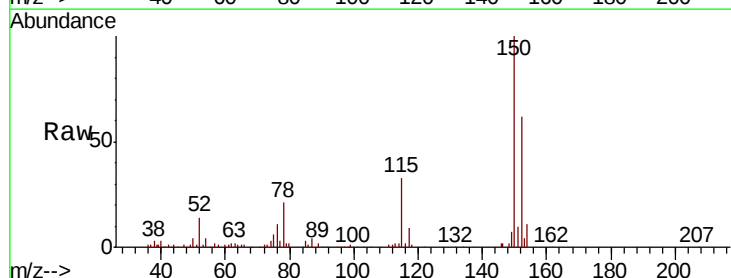
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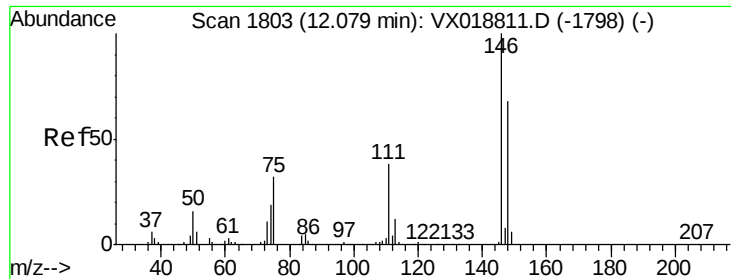
Tot Ion:	43	Resp:	13134
Ion	Ratio	Lower	Upper
43	100		
58	30.6	41.0	61.4#
57	30.3	15.9	23.9#
100	2.0	10.1	15.1#



#63
1,3-Dichlorobenzene
Concen: 0.092 ug/L
RT: 12.07 min Scan# 1802
Delta R.T. 0.06 min
Lab File: VX018825.D
Acq: 07 Oct 2020 21:05

Tgt Ion:	146	Resp:	1330
Ion	Ratio	Lower	Upper
146	100		
111	44.6	28.4	52.8
148	48.5	45.9	85.3





#64
 1,4-Dichlorobenzene
 Concen: 0.092 ug/L
 RT: 12.07 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VX018825.D
 Acq: 07 Oct 2020 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 JLWT6

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	28.6	53.2
148	48.5	44.2	82.0

