

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081720\
 Data File : VX017933.D
 Acq On : 17 Aug 2020 12:55
 Operator : JC/SP
 Sample : L3701-17
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:00:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 00:59:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	263070	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	258628	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	116305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74247	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.69	69	68125	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.34	63	114715	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.53	46	253197	52.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.90%
24) Chloroform-d	5.14	84	183613	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	6.03	65	98882	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	6.05	84	324253	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	7.37	67	105648	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	8.70	98	276510	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
45) trans-1,3-Dichloropropene-	8.99	79	41297	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
48) 2-Hexanone-d5	9.43	63	194113	49.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.28%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	81411	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	119110	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

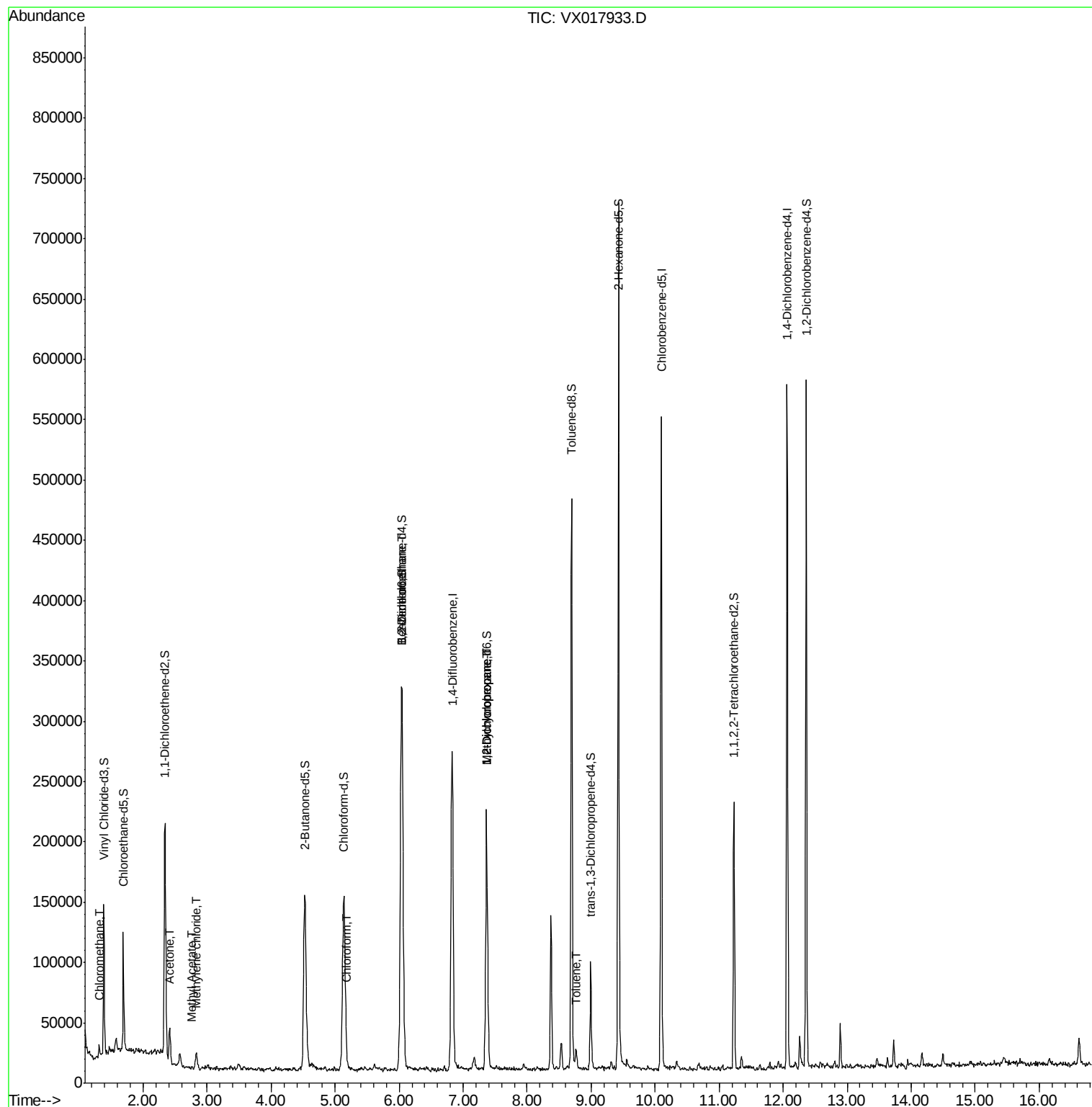
					Ovalue
3) Chloromethane	1.31	50	5222	0.209 ug/L	85
13) Acetone	2.42	43	30059	8.522 ug/L	96
15) Methyl Acetate	2.75	43	1288	0.124 ug/L #	71
16) Methylene chloride	2.83	84	6525	0.234 ug/L	93
25) Chloroform	5.18	83	5640	0.128 ug/L	91
27) 1,2-Dichloroethane	6.05	62	2562	0.091 ug/L	96
35) Methylcyclohexane	7.37	83	27393	0.729 ug/L #	21
37) 1,2-Dichloropropane	7.37	63	13187	0.573 ug/L #	91
42) Toluene	8.76	91	9723	0.098 ug/L	99

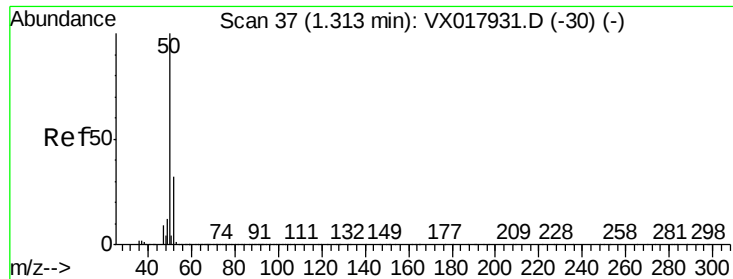
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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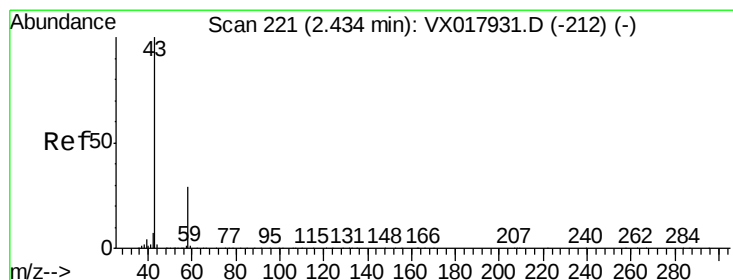
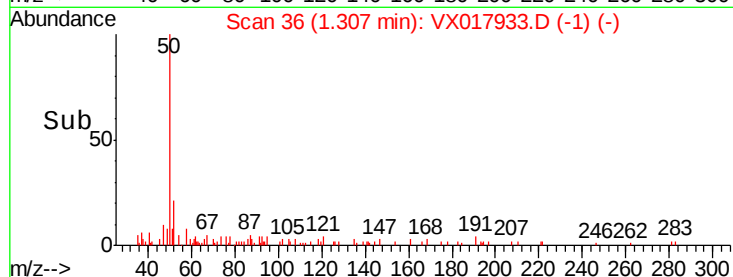
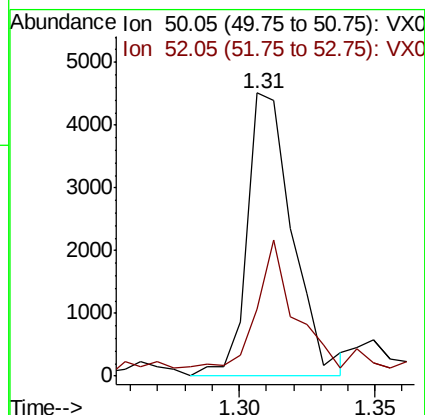
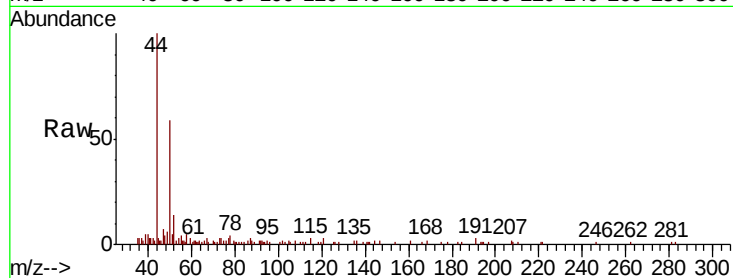




#3
Chloromethane
Concen: 0.209 ug/L
RT: 1.31 min Scan# 36
Delta R.T. -0.01 min
Lab File: VX017933.D
Acq: 17 Aug 2020 12:55

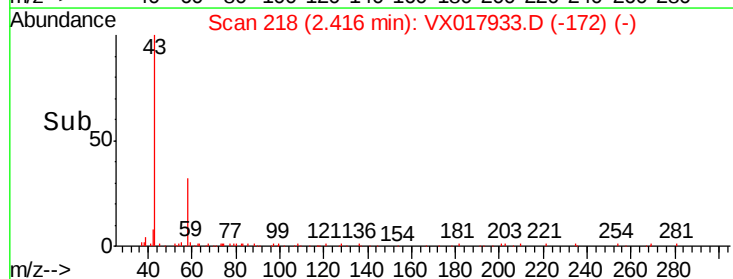
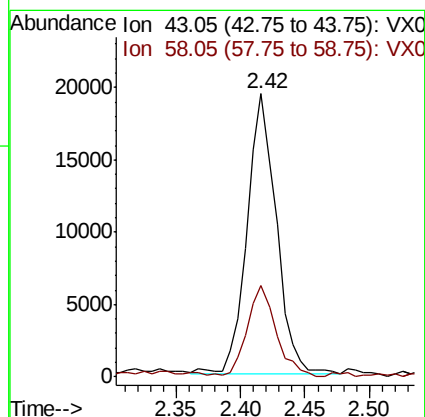
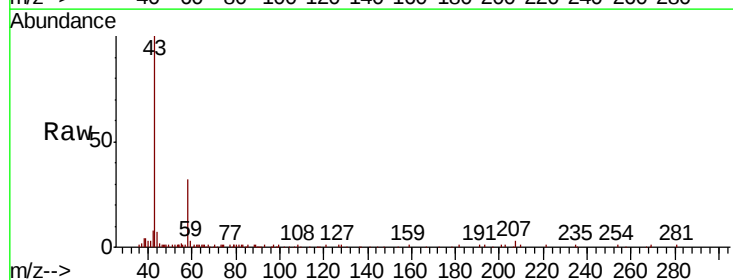
Instrument :
MSVOA_X
ClientSampleId :

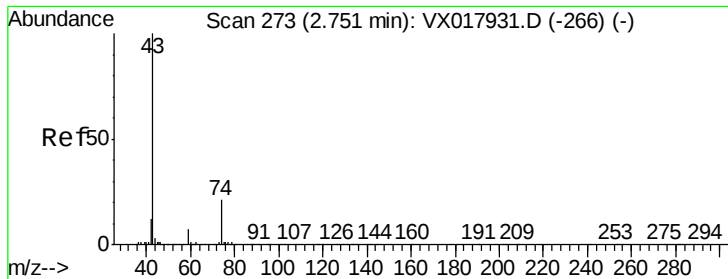
Tot Ion: 50 Resp: 5222
Ion Ratio Lower Upper
50 100
52 23.7 22.5 41.9



#13
Acetone
Concen: 8.522 ug/L
RT: 2.42 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX017933.D
Acq: 17 Aug 2020 12:55

Tgt Ion: 43 Resp: 30059
Ion Ratio Lower Upper
43 100
58 32.8 0.0 60.8





#15

Methyl Acetate

Concen: 0.124 ug/L

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017933.D

Acq: 17 Aug 2020 12:55

Instrument :

MSVOA_X

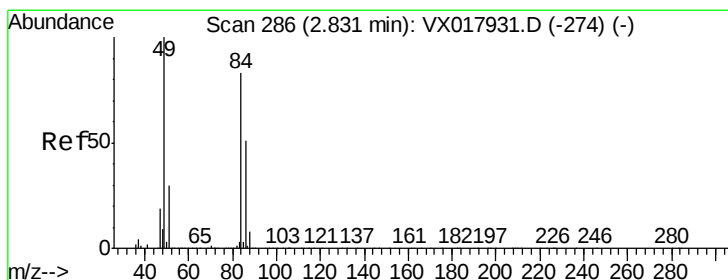
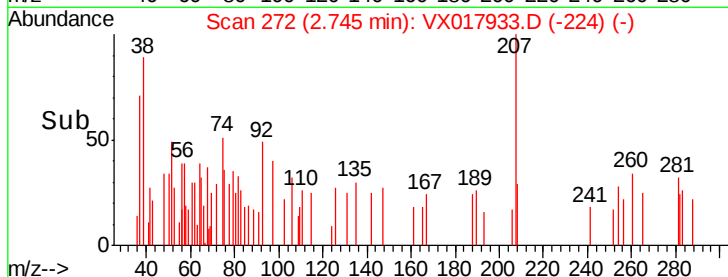
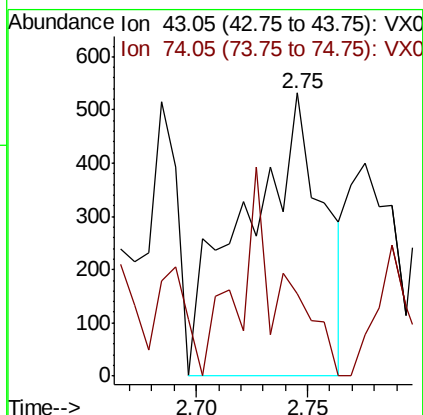
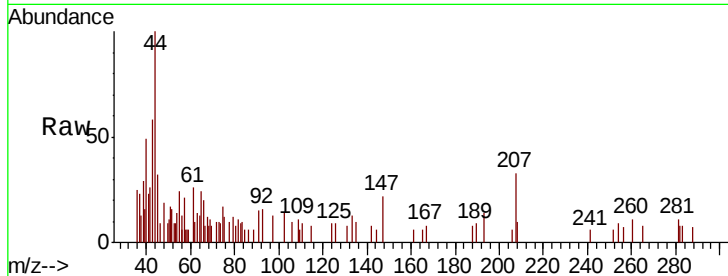
ClientSampleId :

Tot Ion: 43 Resp: 1288

Ion Ratio Lower Upper

43 100

74 40.4 20.4 30.6#



#16

Methylene chloride

Concen: 0.234 ug/L

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX017933.D

Acq: 17 Aug 2020 12:55

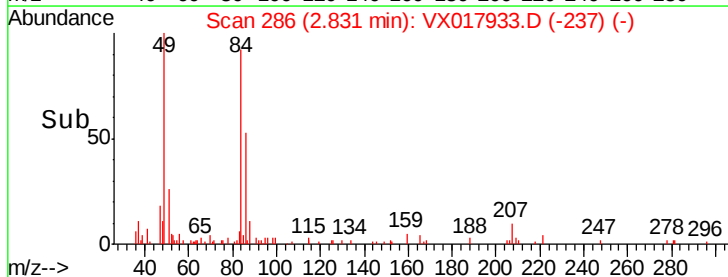
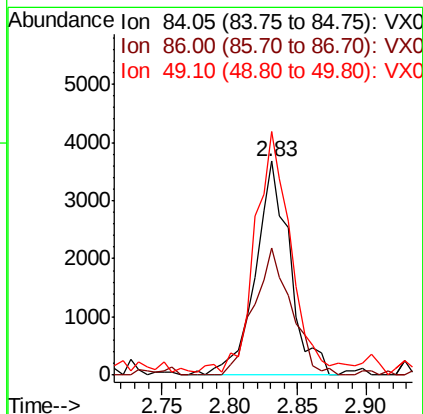
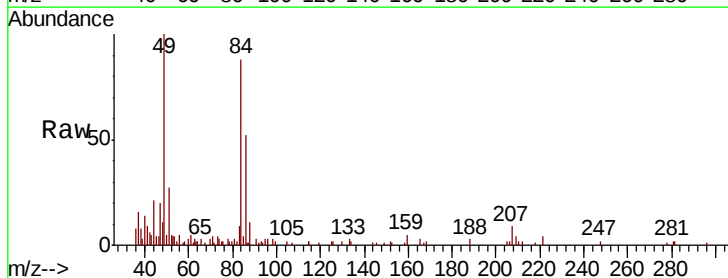
Tgt Ion: 84 Resp: 6525

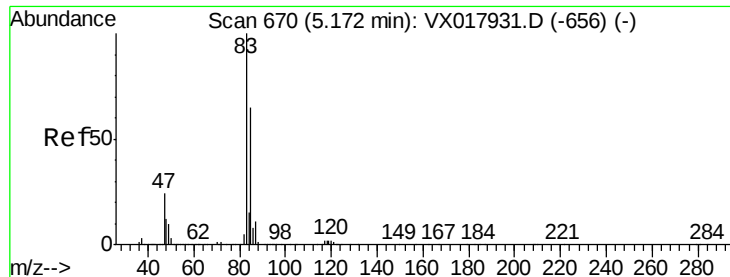
Ion Ratio Lower Upper

84 100

86 59.7 43.0 80.0

49 113.9 86.9 161.3





#25

Chloroform

Concen: 0.128 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017933.D

Acq: 17 Aug 2020 12:55

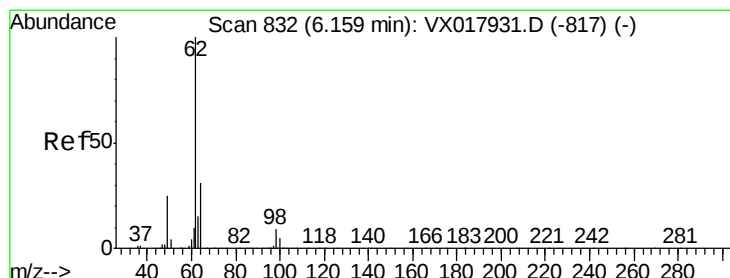
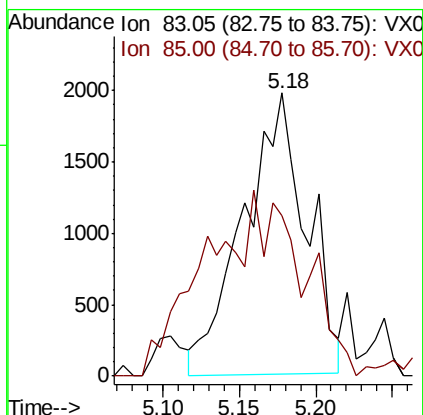
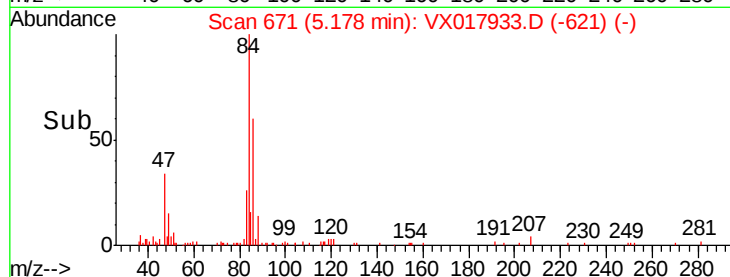
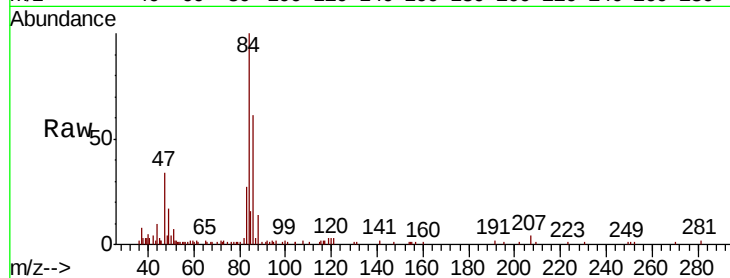
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 5640

Ion Ratio Lower Upper

83 100

85 56.7 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 6.05 min Scan# 814

Delta R.T. -0.11 min

Lab File: VX017933.D

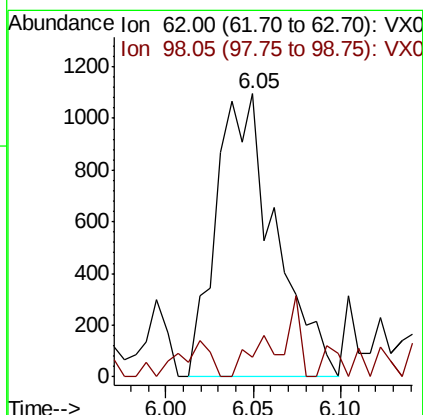
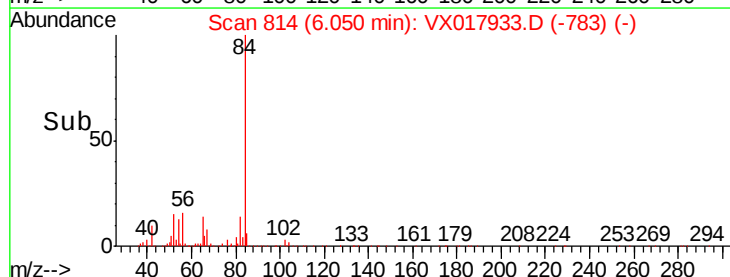
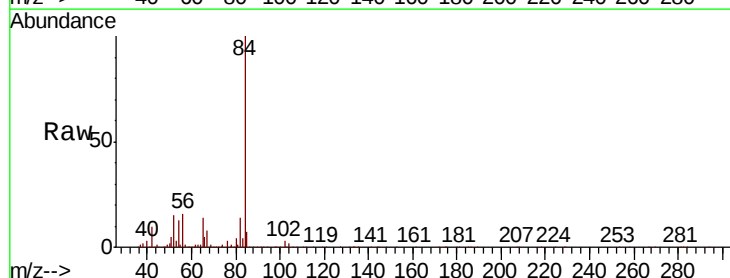
Acq: 17 Aug 2020 12:55

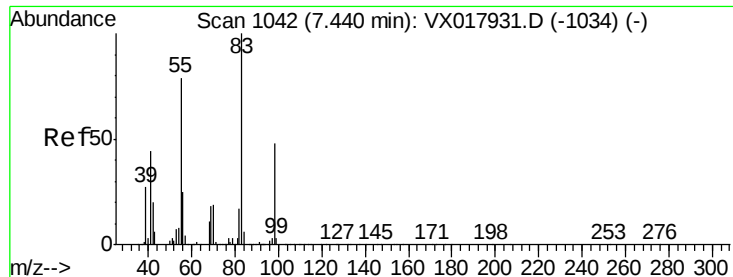
Tgt Ion: 62 Resp: 2562

Ion Ratio Lower Upper

62 100

98 6.9 6.7 10.1

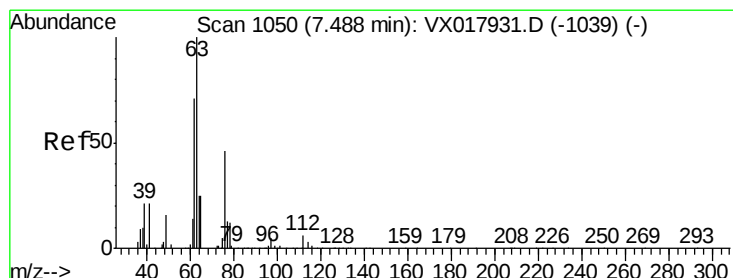
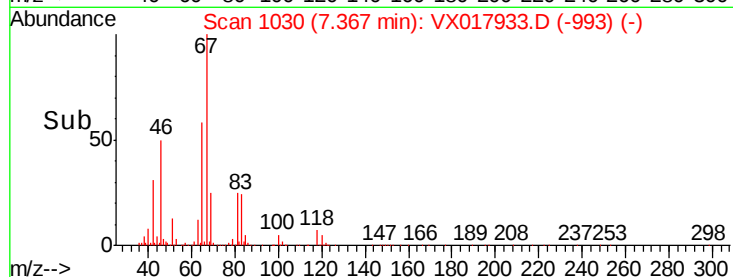
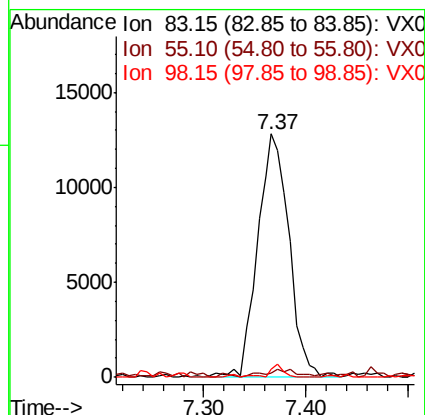
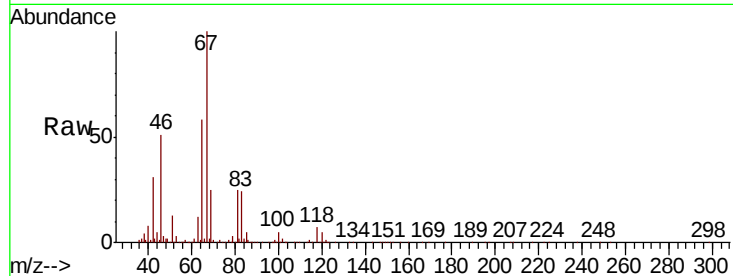




#35
Methvlcvclohexane
Concen: 0.729 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX017933.D
Acq: 17 Aug 2020 12:55

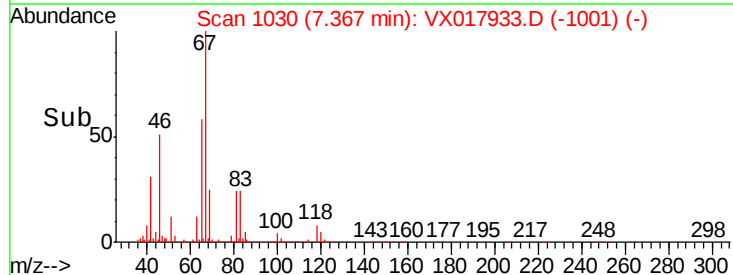
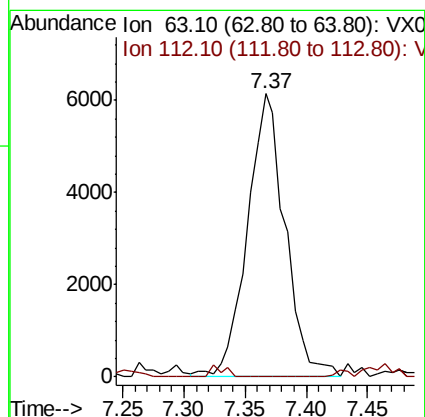
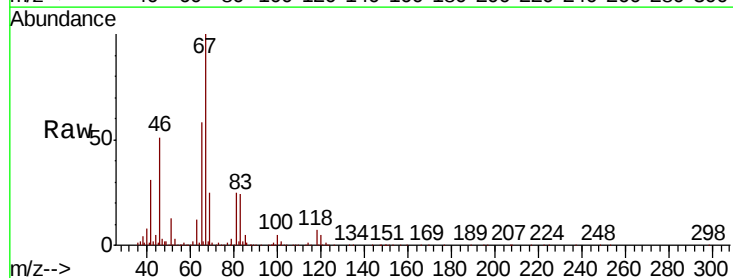
Instrument :
MSVOA_X
ClientSampleId :

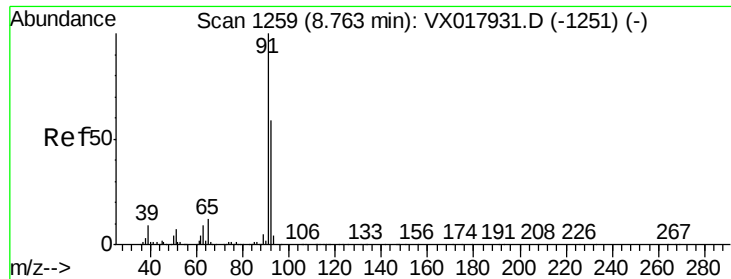
Tot Ion: 83 Resp: 27393
Ion Ratio Lower Upper
83 100
55 3.5 62.4 93.6#
98 2.4 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX017933.D
Acq: 17 Aug 2020 12:55

Tgt Ion: 63 Resp: 13187
Ion Ratio Lower Upper
63 100
112 1.5 3.6 5.4#





#42

Toluene

Concen: 0.098 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017933.D

Acq: 17 Aug 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 9723

Ion Ratio Lower Upper

91 100

92 54.5 38.8 72.0

