

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081720\
 Data File : VX017948.D
 Acq On : 17 Aug 2020 19:30
 Operator : JC/SP
 Sample : L3701-19
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:02:36 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	237626	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	244768	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	108540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79662	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.69	69	72169	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.34	63	124342	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.54	46	260845	59.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.64%
24) Chloroform-d	5.15	84	181644	5.45	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	6.04	65	106842	5.84	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	6.05	84	341263	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	7.37	67	114460	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	8.70	98	266150	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
45) trans-1,3-Dichloropropene-	8.99	79	42064	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
48) 2-Hexanone-d5	9.43	63	190568	50.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.94%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	83696	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	114781	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

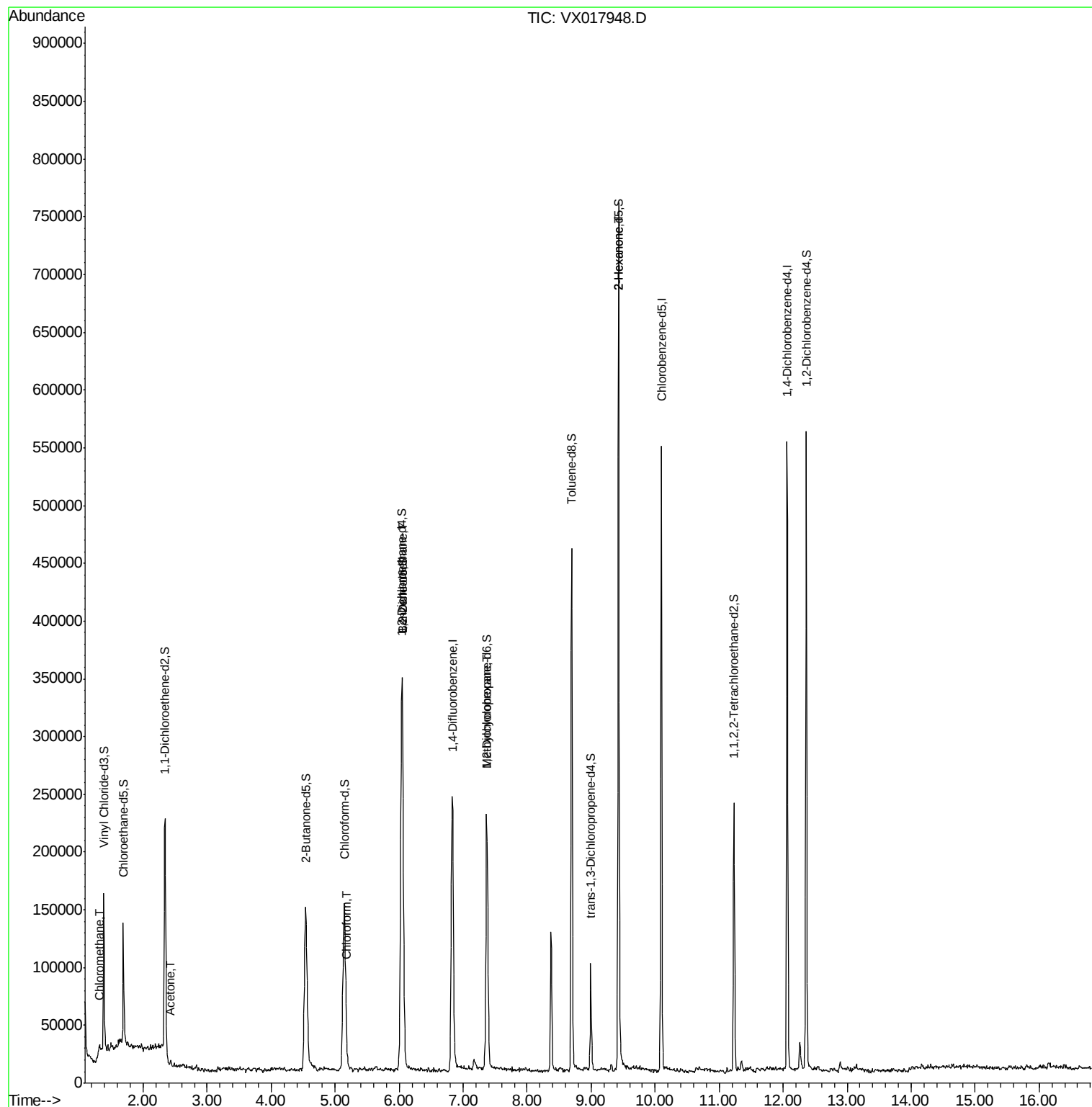
					Ovalue
3) Chloromethane	1.31	50	2544	0.113 ug/L #	72
13) Acetone	2.43	43	3011	0.945 ug/L	68
25) Chloroform	5.18	83	9924	0.250 ug/L	89
27) 1,2-Dichloroethane	6.06	62	2636	0.103 ug/L	96
35) Methylcyclohexane	7.37	83	28911	0.813 ug/L #	20
50) 2-Hexanone	9.43	43	23900	2.350 ug/L #	68

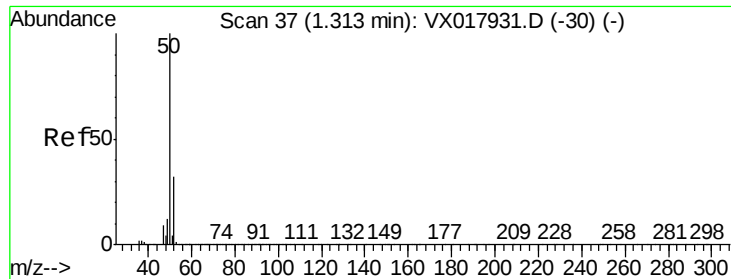
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017948.D

Acq: 17 Aug 2020 19:30

Instrument :

MSVOA_X

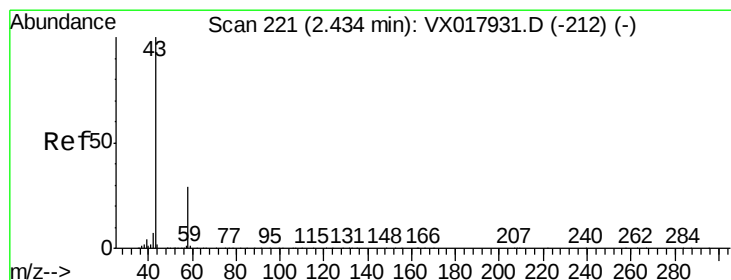
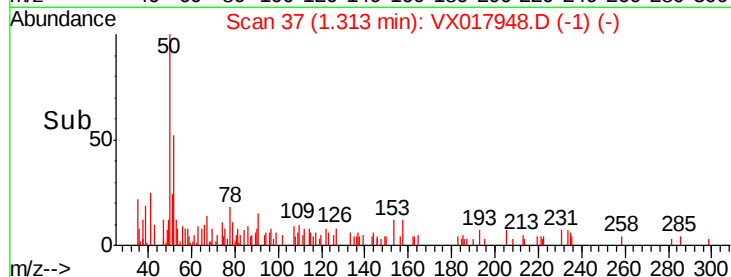
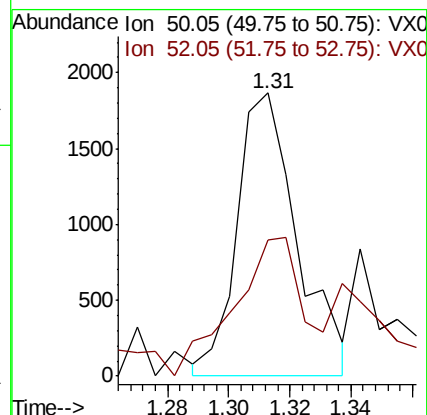
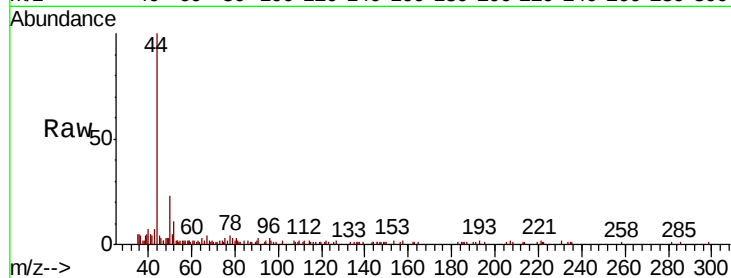
ClientSampleId :

Tot Ion: 50 Resp: 2544

Ion Ratio Lower Upper

50 100

52 48.0 22.5 41.9#



#13

Acetone

Concen: 0.945 ug/L

RT: 2.43 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX017948.D

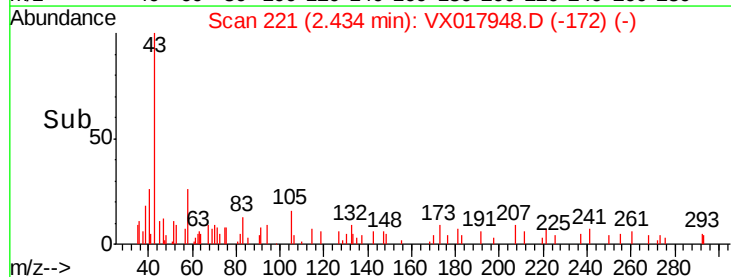
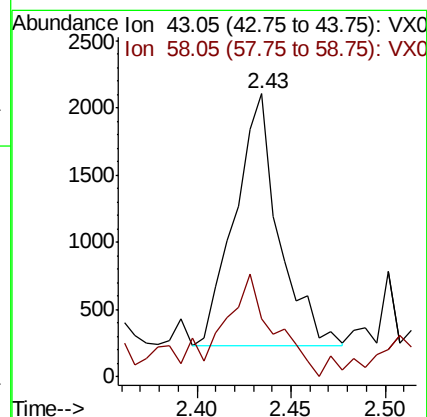
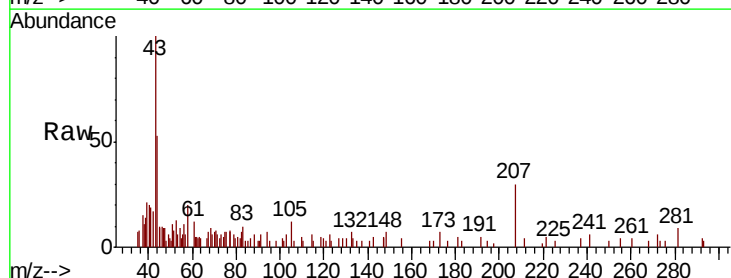
Acq: 17 Aug 2020 19:30

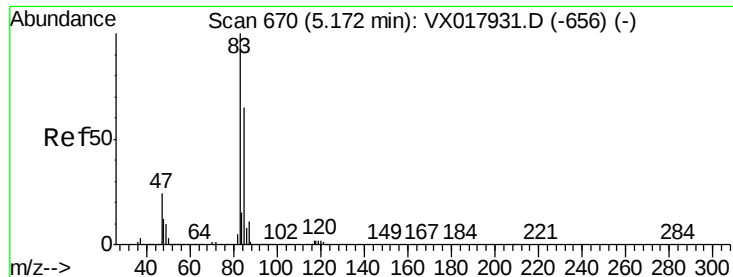
Tgt Ion: 43 Resp: 3011

Ion Ratio Lower Upper

43 100

58 47.7 0.0 60.8





#25

Chloroform

Concen: 0.250 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017948.D

Acq: 17 Aug 2020 19:30

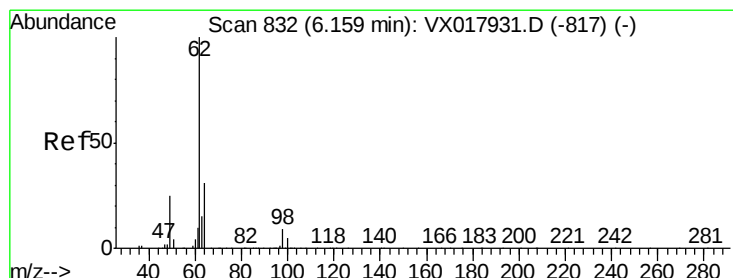
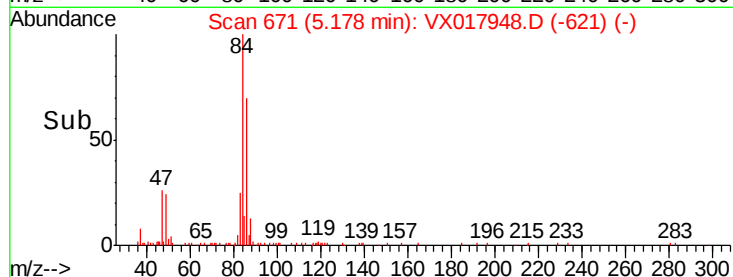
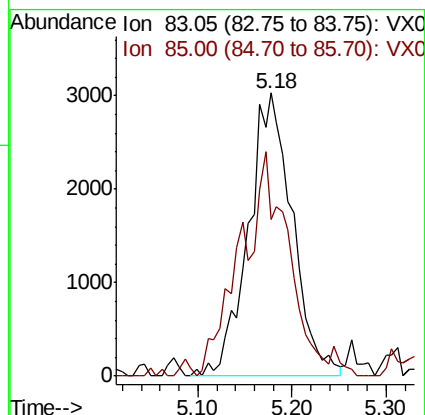
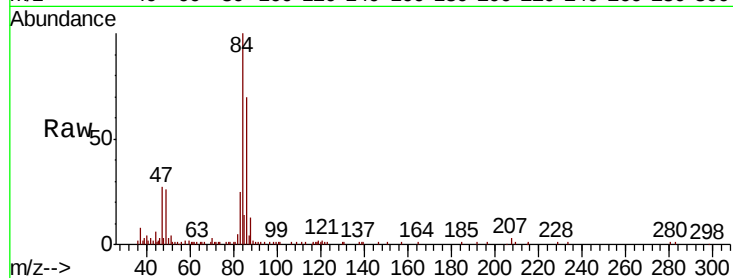
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 9924

Ion Ratio Lower Upper

83 100

85 55.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 6.06 min Scan# 815

Delta R.T. -0.10 min

Lab File: VX017948.D

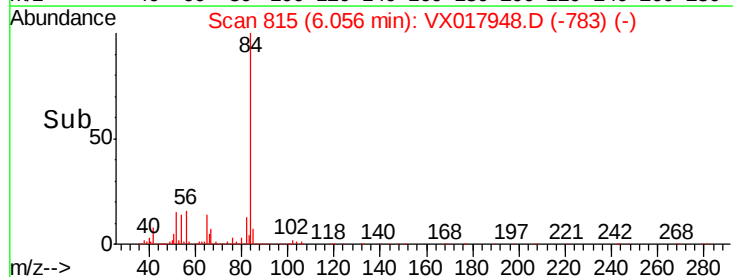
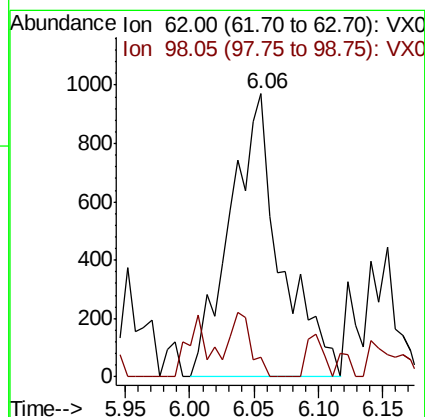
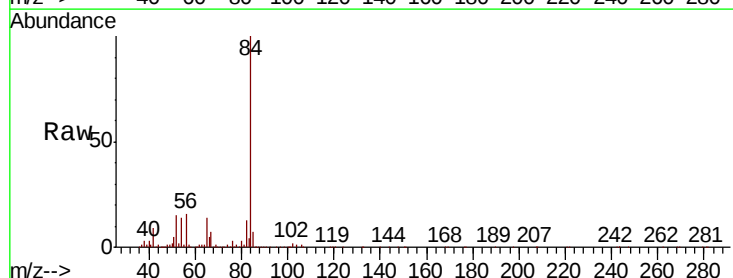
Acq: 17 Aug 2020 19:30

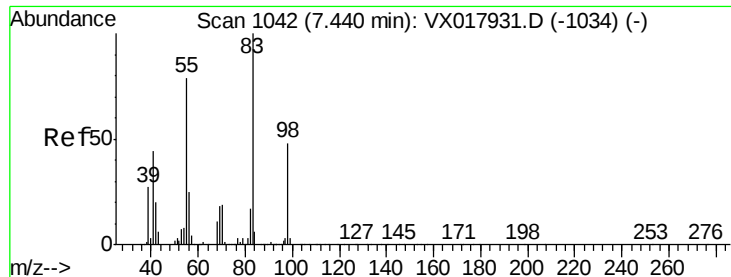
Tgt Ion: 62 Resp: 2636

Ion Ratio Lower Upper

62 100

98 6.8 6.7 10.1

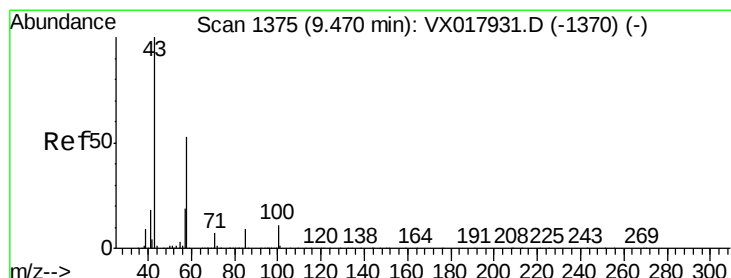
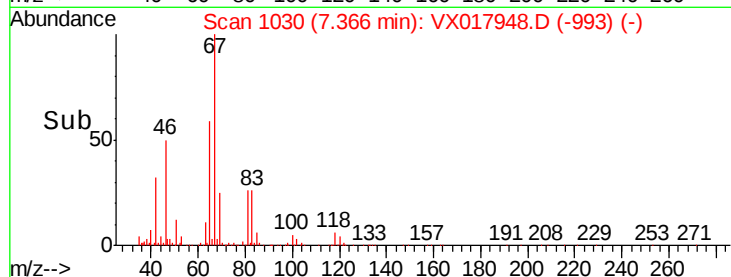
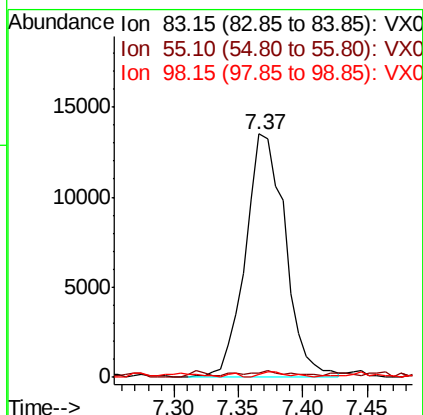
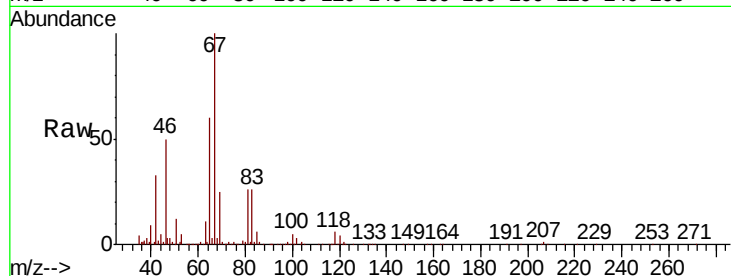




#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX017948.D
Acq: 17 Aug 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 28911
Ion Ratio Lower Upper
83 100
55 1.5 62.4 93.6#
98 1.7 38.0 57.0#



#50
2-Hexanone
Concen: 2.350 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX017948.D
Acq: 17 Aug 2020 19:30

Tgt Ion: 43 Resp: 23900
Ion Ratio Lower Upper
43 100
58 31.3 43.0 64.6#
57 37.7 15.0 22.4#
100 4.1 9.2 13.8#

