

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081720\
 Data File : VX017944.D
 Acq On : 17 Aug 2020 17:51
 Operator : JC/SP
 Sample : L3701-13
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:02:07 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	268399	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	260758	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	112865	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80764	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.69	69	72035	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.34	63	129550	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.54	46	284689	57.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.60%
24) Chloroform-d	5.14	84	178086	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	6.04	65	114020	5.52	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	6.05	84	354616	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	7.37	67	119119	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	8.70	98	303032	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
45) trans-1,3-Dichloropropene-	8.99	79	45259	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	9.43	63	220343	55.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.64%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	92646	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	128469	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

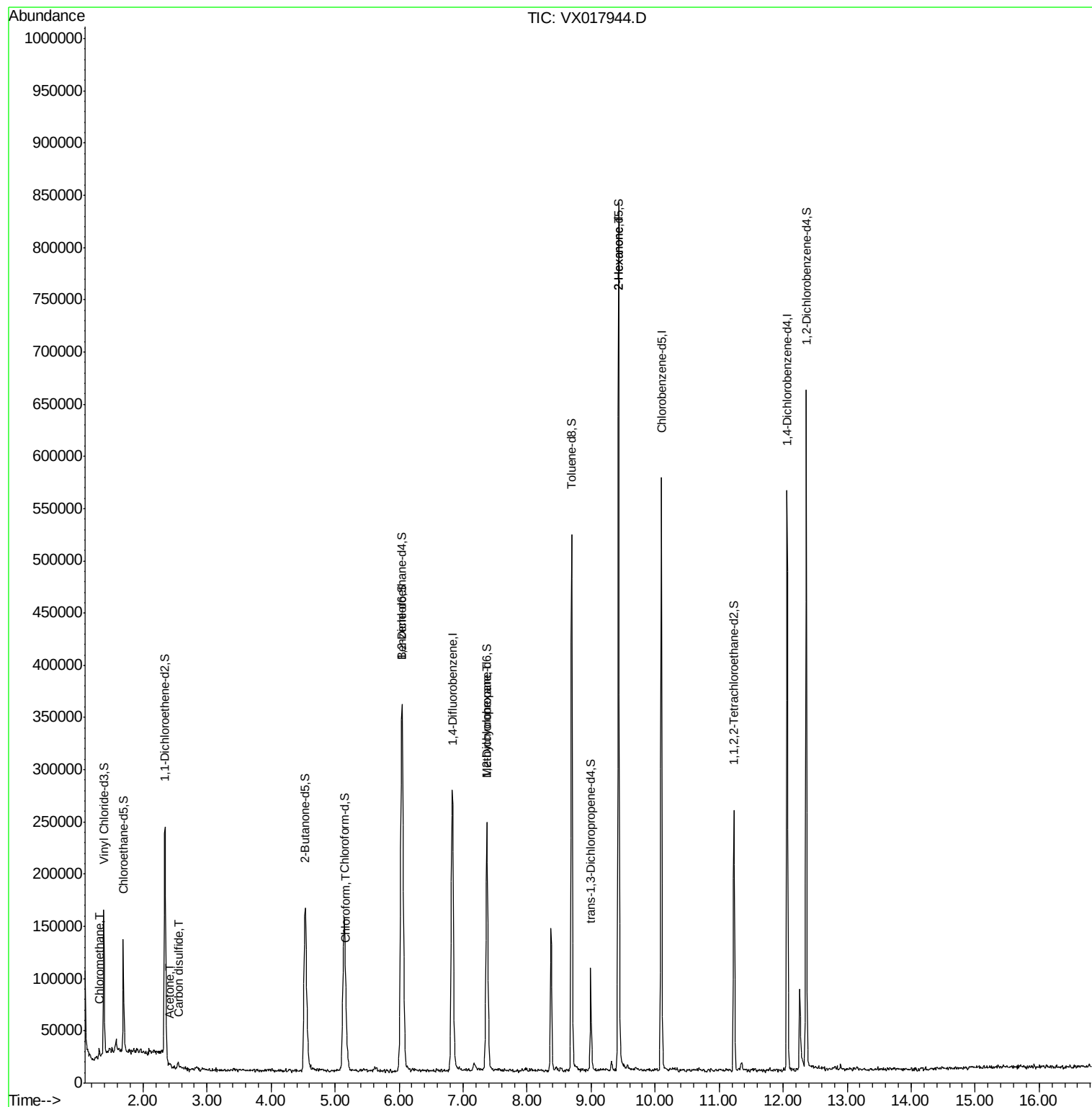
					Ovalue
3) Chloromethane	1.31	50	3899	0.153 ug/L	94
13) Acetone	2.42	43	4123	1.146 ug/L	94
14) Carbon disulfide	2.55	76	7387	0.100 ug/L #	95
25) Chloroform	5.17	83	22908	0.511 ug/L	90
35) Methylcyclohexane	7.37	83	30900	0.816 ug/L #	18
50) 2-Hexanone	9.43	43	30285	2.795 ug/L #	68

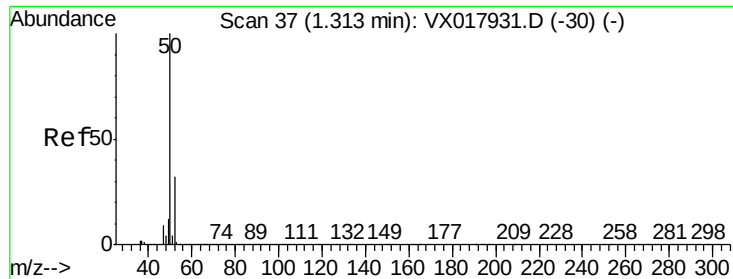
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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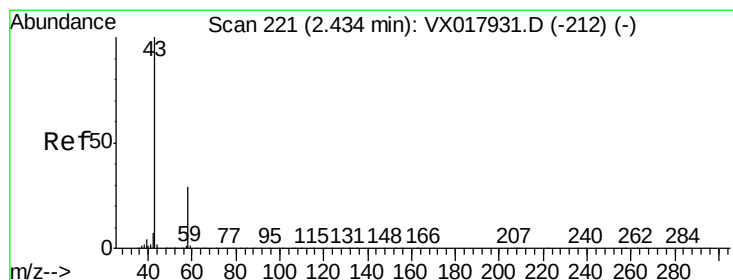
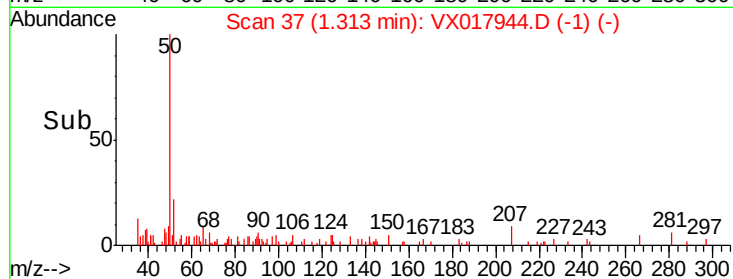
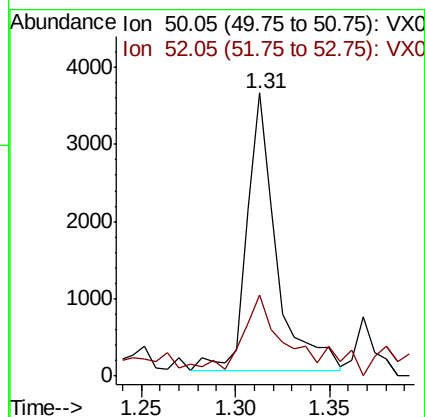
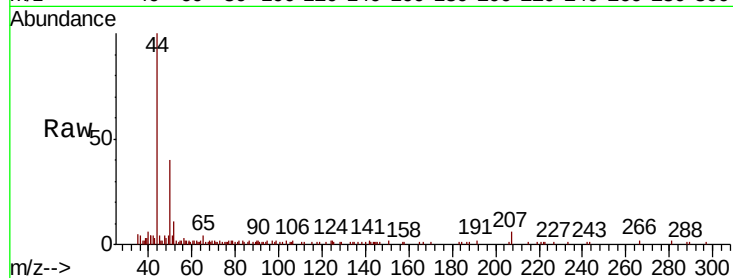




#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017944.D
Acq: 17 Aug 2020 17:51

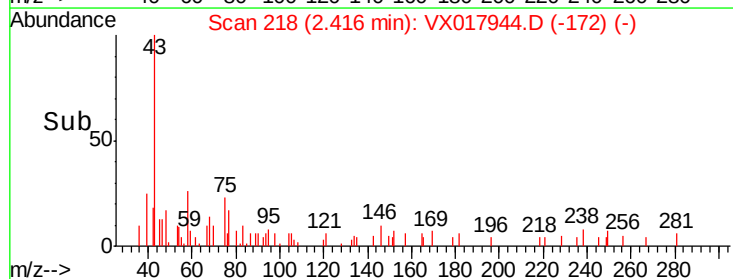
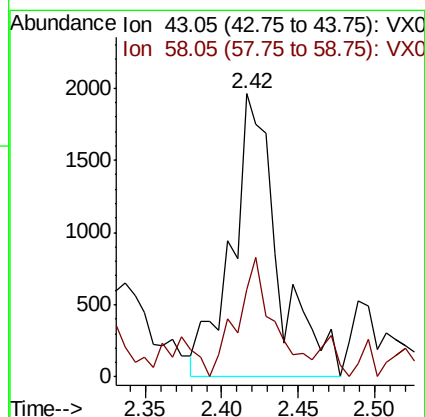
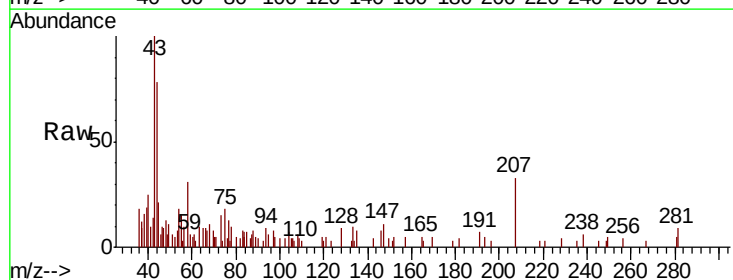
Instrument :
MSVOA_X
ClientSampleId :

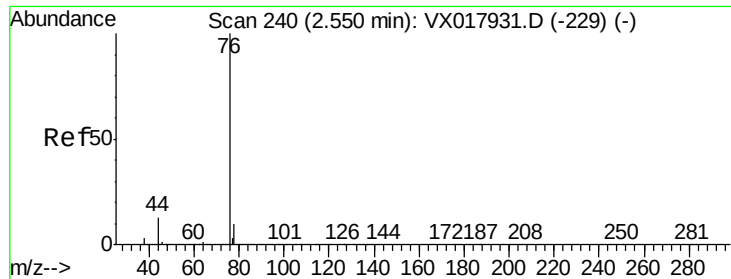
Tot Ion: 50 Resp: 3899
Ion Ratio Lower Upper
50 100
52 28.6 22.5 41.9



#13
Acetone
Concen: 1.146 ug/L
RT: 2.42 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX017944.D
Acq: 17 Aug 2020 17:51

Tgt Ion: 43 Resp: 4123
Ion Ratio Lower Upper
43 100
58 33.4 0.0 60.8

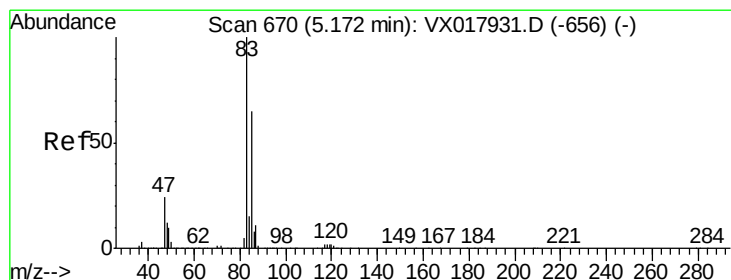
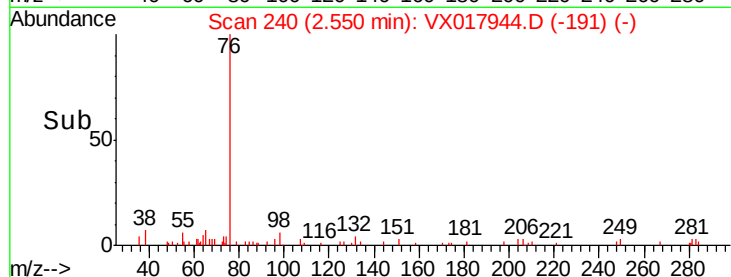
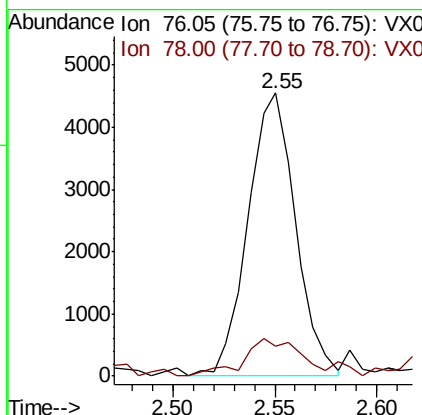
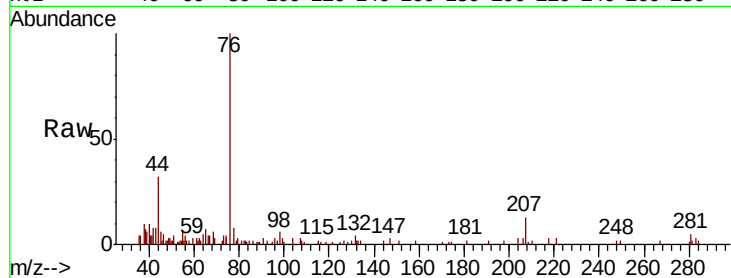




#14
Carbon disulfide
Concen: 0.100 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017944.D
Acq: 17 Aug 2020 17:51

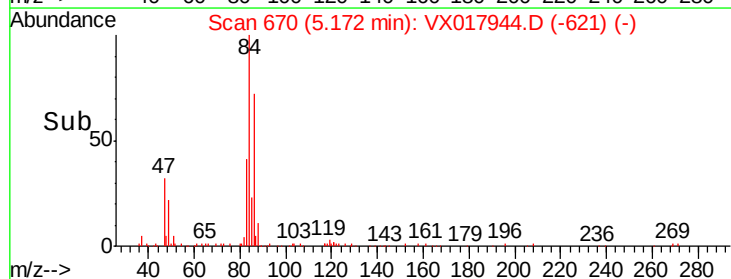
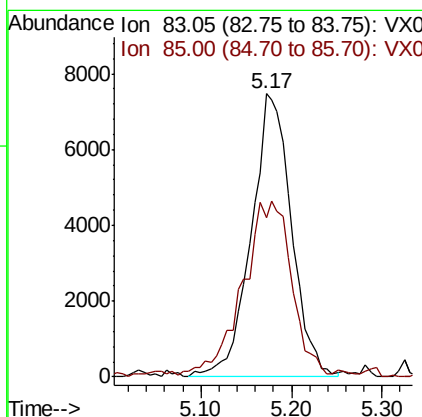
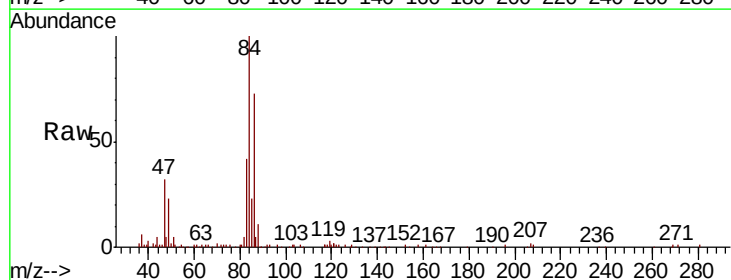
Instrument :
MSVOA_X
ClientSampleId :

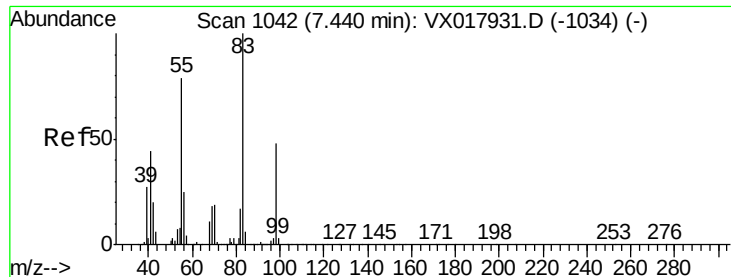
Tot Ion: 76 Resp: 7387
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.4#



#25
Chloroform
Concen: 0.511 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX017944.D
Acq: 17 Aug 2020 17:51

Tgt Ion: 83 Resp: 22908
Ion Ratio Lower Upper
83 100
85 56.3 44.7 83.1





#35

Methylcyclohexane

Concen: 0.816 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX017944.D

Acq: 17 Aug 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

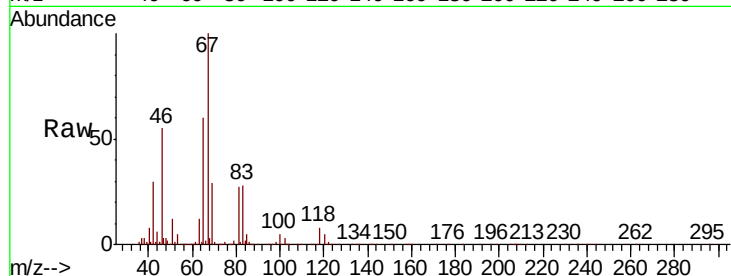
Tot Ion: 83 Resp: 30900

Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

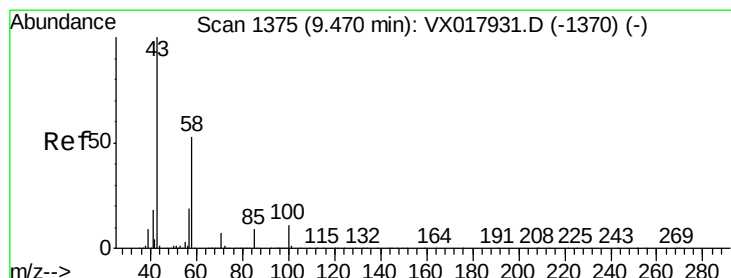
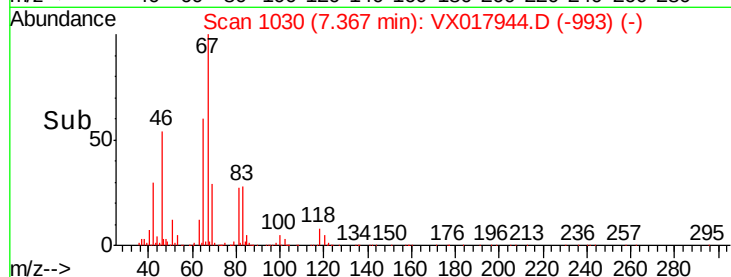
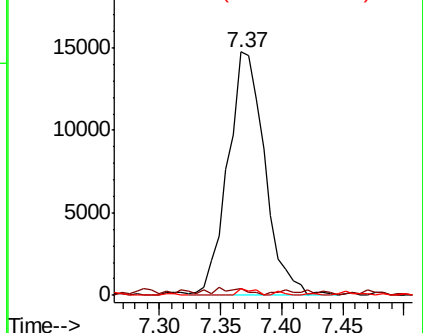
98 1.3 38.0 57.0#



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



#50

2-Hexanone

Concen: 2.795 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017944.D

Acq: 17 Aug 2020 17:51

Tgt Ion: 43 Resp: 30285

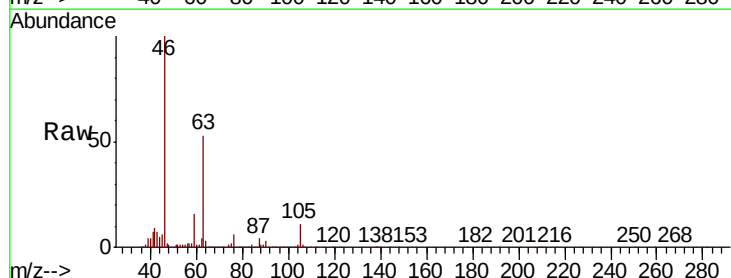
Ion Ratio Lower Upper

43 100

58 28.1 43.0 64.6#

57 31.5 15.0 22.4#

100 3.3 9.2 13.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0

