

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017915.D
 Acq On : 14 Aug 2020 22:34
 Operator : JC/SP
 Sample : L3701-04
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx3

Quant Time: Aug 17 04:19:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 04:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	275010	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	256816	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	113228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	86967	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.69	69	75726	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.34	63	129424	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.53	46	240402	47.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.26%
24) Chloroform-d	5.14	84	172194	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	6.03	65	103654	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	6.05	84	343802	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	7.37	67	112110	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	8.70	98	278878	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	8.99	79	41095	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
48) 2-Hexanone-d5	9.43	63	187947	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	78728	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	113362	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

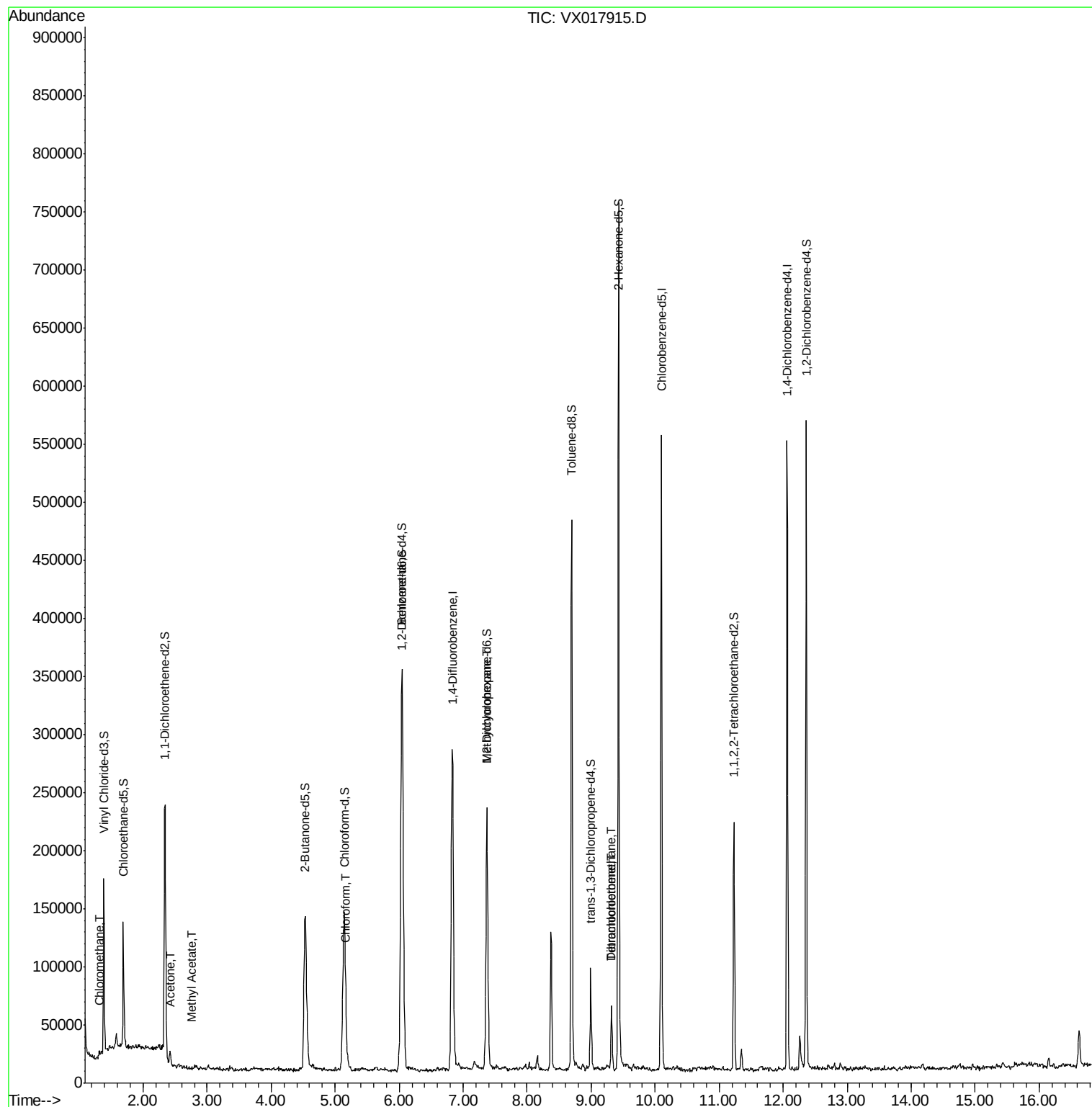
					Qvalue
3) Chloromethane	1.31	50	2762	0.106 ug/L	96
13) Acetone	2.42	43	12799	3.471 ug/L	96
15) Methyl Acetate	2.76	43	828	0.076 ug/L #	41
25) Chloroform	5.17	83	12824	0.279 ug/L	99
35) Methylcyclohexane	7.37	83	27435	0.735 ug/L #	19
49) Tetrachloroethene	9.32	164	9049	0.426 ug/L	90
51) Dibromochloromethane	9.32	129	8693	0.368 ug/L #	12

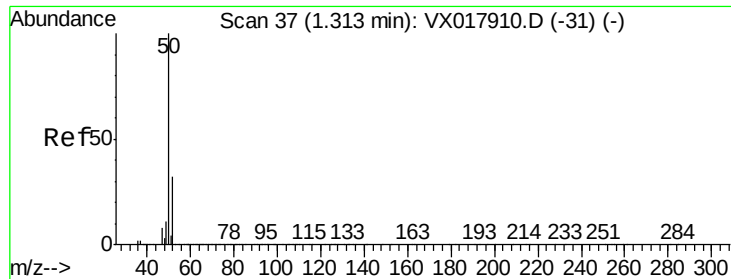
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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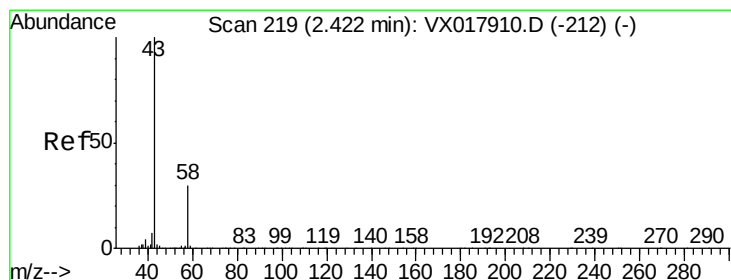
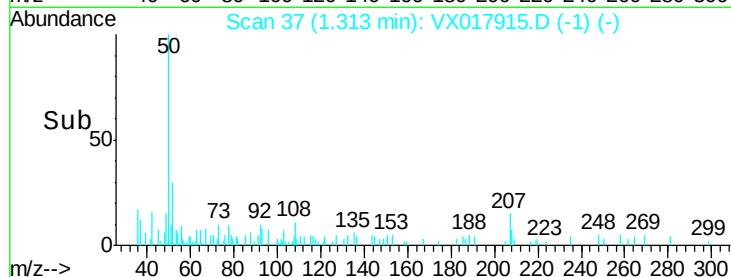
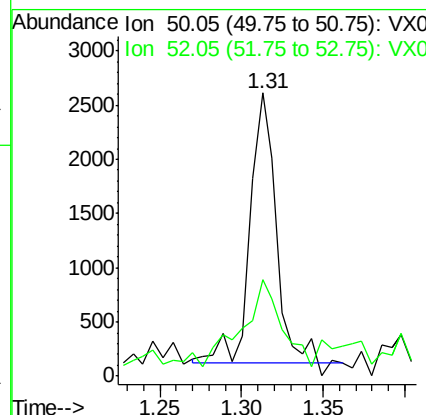
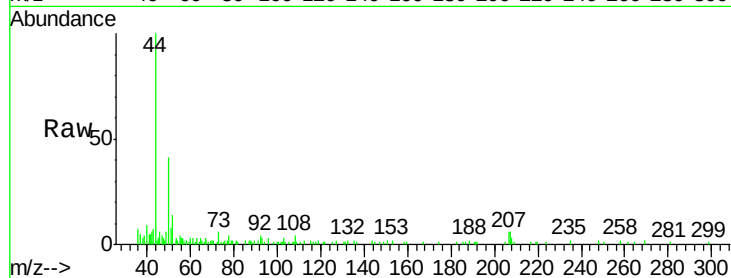




#3
Chloromethane
Concen: 0.106 ug/L
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017915.D
Acq: 14 Aug 2020 22:34

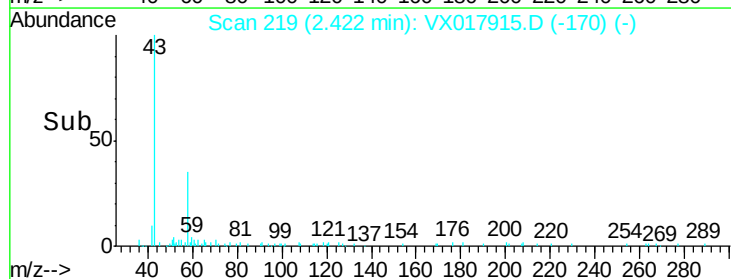
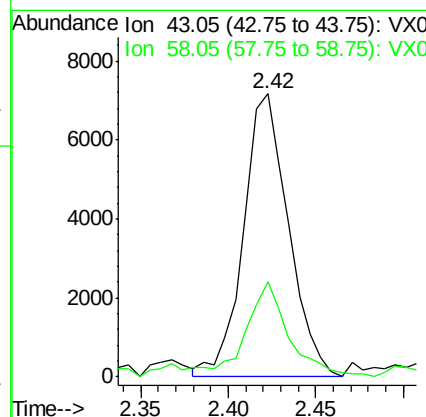
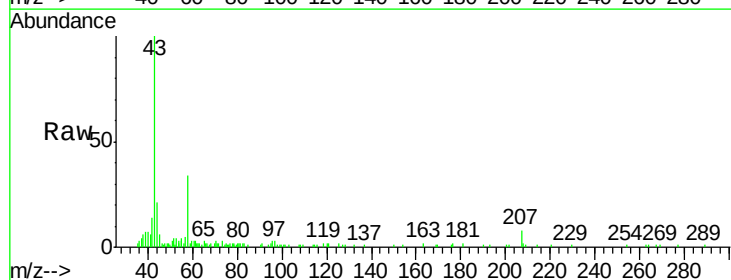
Instrument :
MSVOA_X
ClientSampleId :
JLTX3

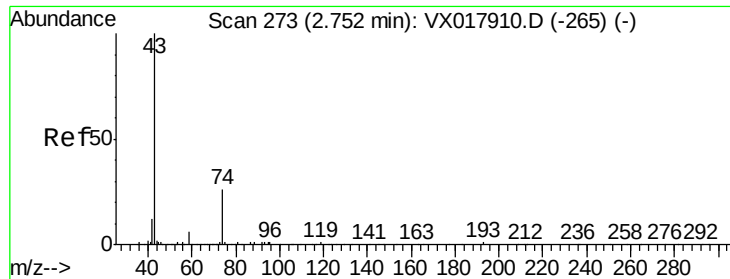
Tgt Ion: 50 Resp: 2762
Ion Ratio Lower Upper
50 100
52 34.3 22.5 41.9



#13
Acetone
Concen: 3.471 ug/L
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017915.D
Acq: 14 Aug 2020 22:34

Tgt Ion: 43 Resp: 12799
Ion Ratio Lower Upper
43 100
58 32.3 0.0 60.8





#15

Methyl Acetate

Concen: 0.076 ug/L

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX017915.D

Acq: 14 Aug 2020 22:34

Instrument :

MSVOA_X

ClientSampled :

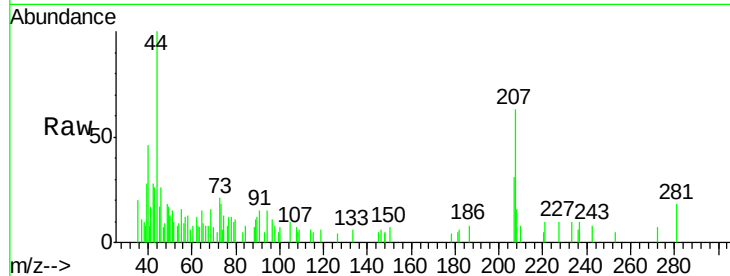
JLTX3

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

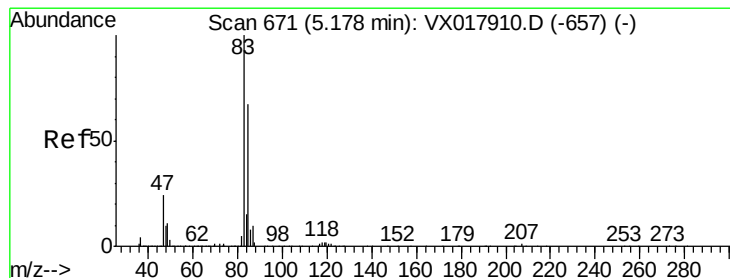
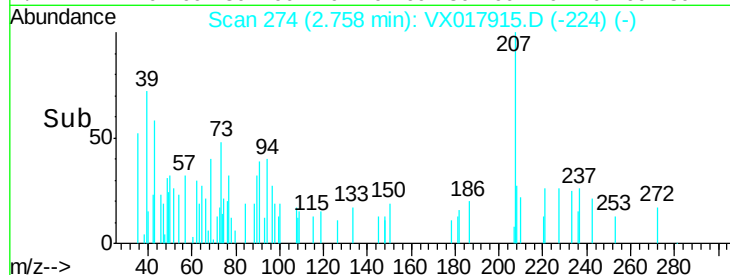
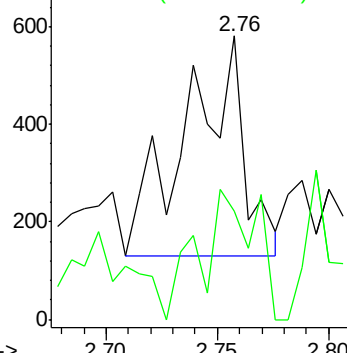
43 100

74 55.4 20.4 30.6#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0



#25

Chloroform

Concen: 0.279 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017915.D

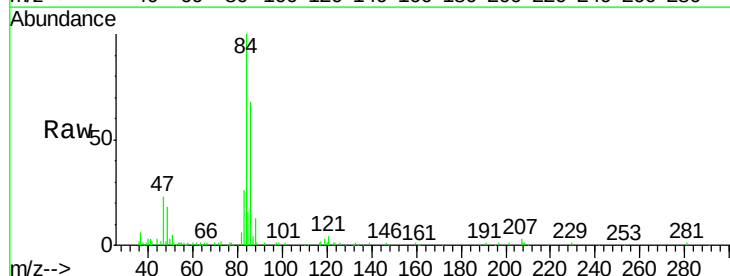
Acq: 14 Aug 2020 22:34

Tgt Ion: 83 Resp: 12824

Ion Ratio Lower Upper

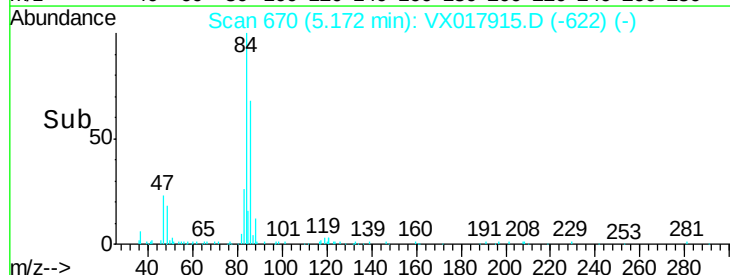
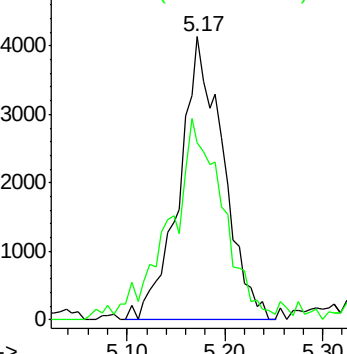
83 100

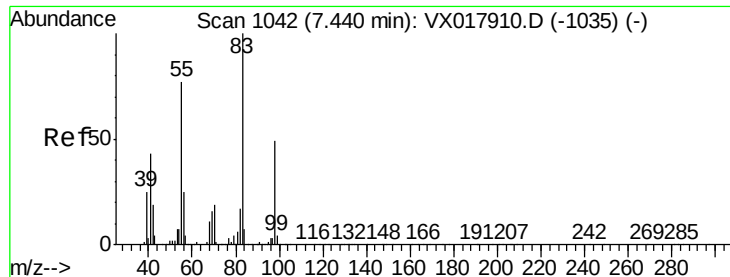
85 62.8 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

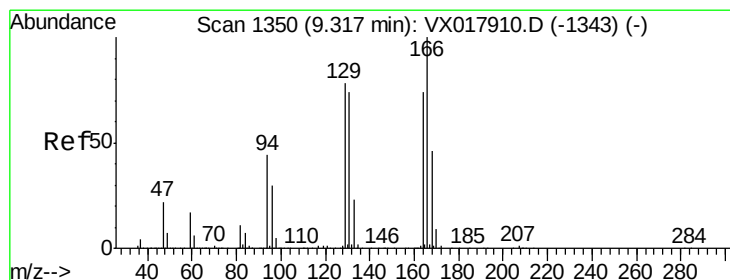
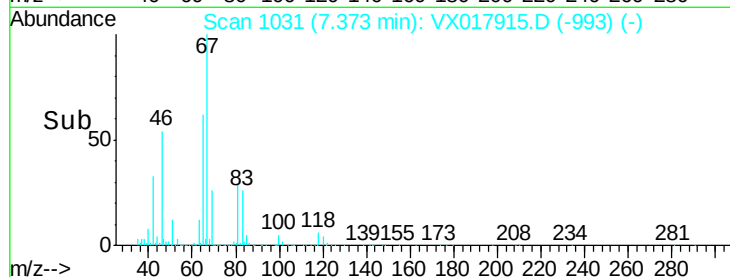
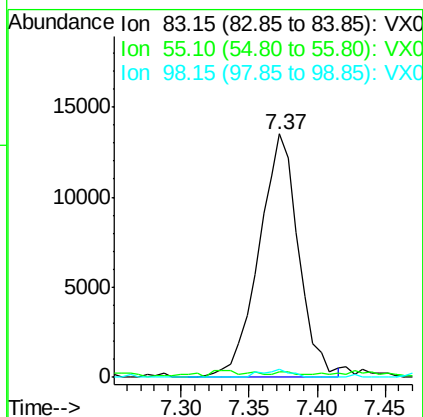
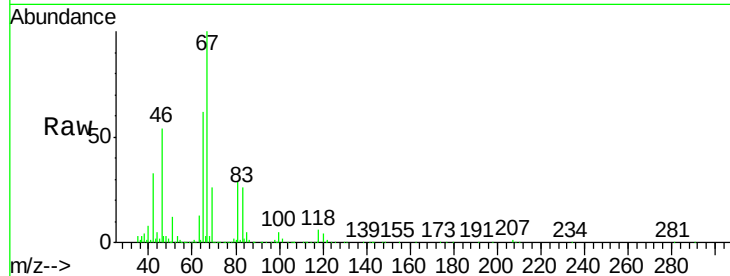




#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017915.D
Acq: 14 Aug 2020 22:34

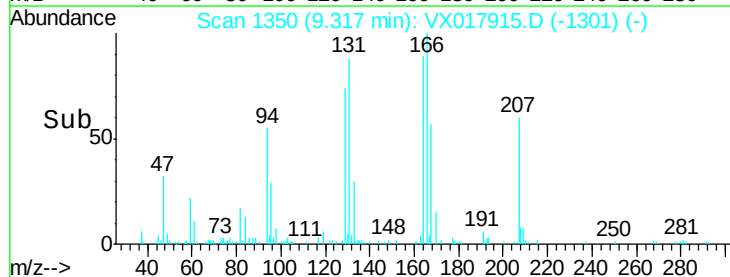
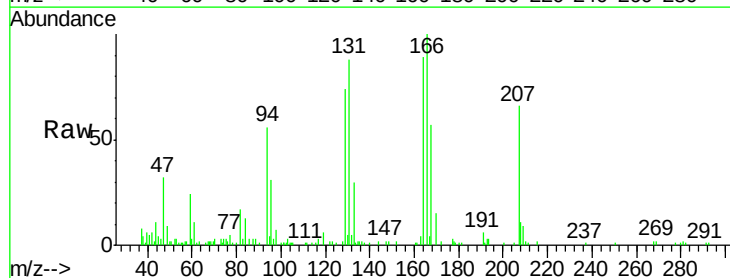
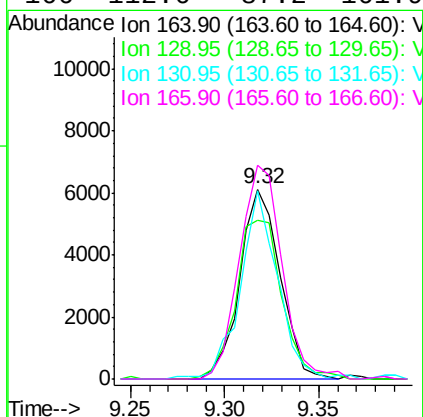
Instrument :
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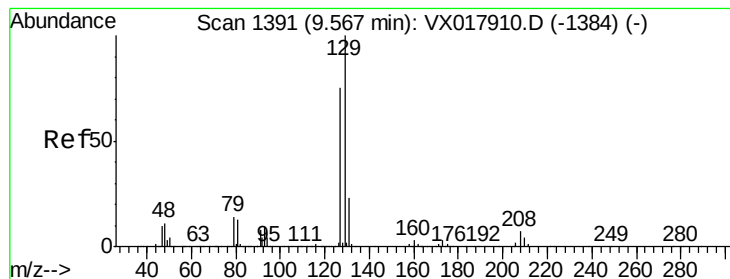
Tgt Ion: 83 Resp: 27435
Ion Ratio Lower Upper
83 100
55 0.4 62.4 93.6#
98 2.2 38.0 57.0#



#49
Tetrachloroethene
Concen: 0.426 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017915.D
Acq: 14 Aug 2020 22:34

Tgt Ion: 164 Resp: 9049
Ion Ratio Lower Upper
164 100
129 83.8 67.4 125.2
131 99.1 65.3 121.3
166 112.6 87.2 161.9





#51

Dibromochloromethane

Concen: 0.368 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX017915.D

Acq: 14 Aug 2020 22:34

Instrument :

MSVOA_X

ClientSampleId :

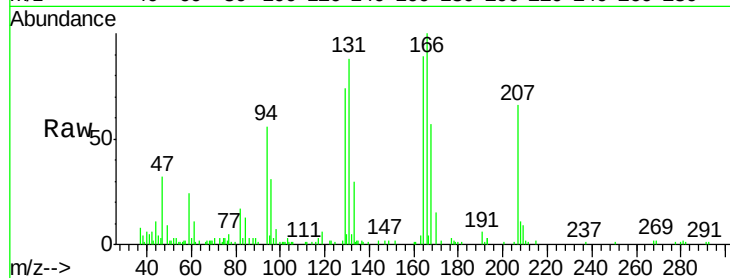
JLTX3

Tgt Ion:129 Resp: 8693

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

