

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017913.D
 Acq On : 14 Aug 2020 21:45
 Operator : JC/SP
 Sample : L3701-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx1

Quant Time: Aug 17 04:18:53 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	277640	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	269187	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	124483	5.00	ug/L	0.00

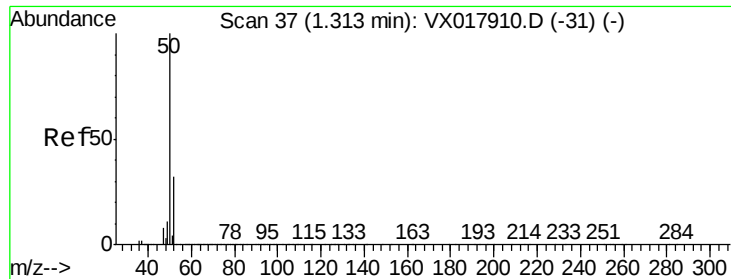
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	86992	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.69	69	72887	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.34	63	132833	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.53	46	261376	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	5.14	84	192444	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	6.03	65	107290	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	6.05	84	357654	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	7.37	67	114389	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	8.70	98	306665	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	8.99	79	43825	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	9.43	63	227020	55.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.42%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	84850	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	123266	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Qvalue
3) Chloromethane	1.31	50	3352	0.127 ug/L	97
13) Acetone	2.42	43	14300	3.841 ug/L	90
22) cis-1,2-Dichloroethene	4.56	96	16122	0.636 ug/L #	93
25) Chloroform	5.17	83	5223	0.113 ug/L	94
34) Trichloroethene	7.19	95	85193	3.062 ug/L	94
35) Methylcyclohexane	7.37	83	27643	0.707 ug/L #	21
37) 1,2-Dichloropropane	7.37	63	13663	0.570 ug/L #	88
47) 1,1,2-Trichloroethane	9.32	97	119712	6.658 ug/L #	10
49) Tetrachloroethene	9.33	164	12784565	574.467 ug/L	92
51) Dibromochloromethane	9.33	129	12621077	509.546 ug/L #	12

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



#3

Chloromethane

Concen: 0.127 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

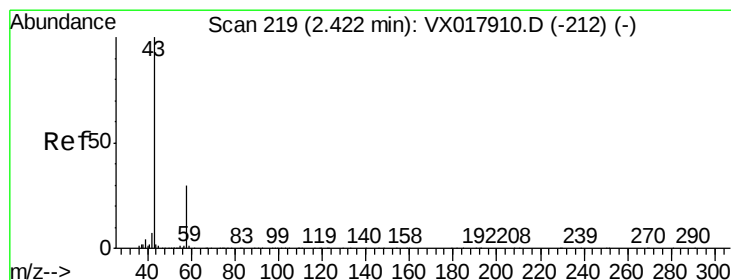
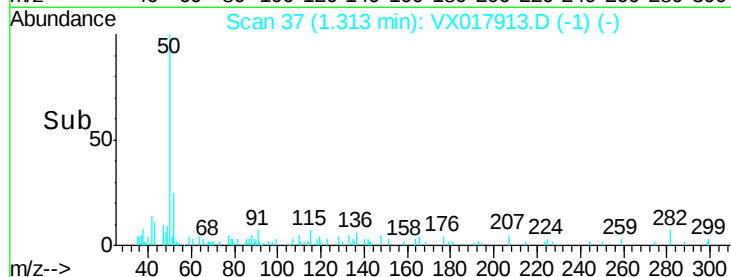
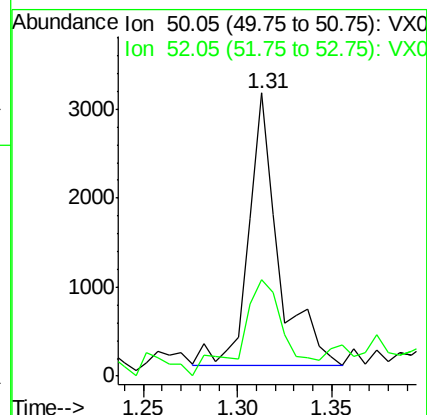
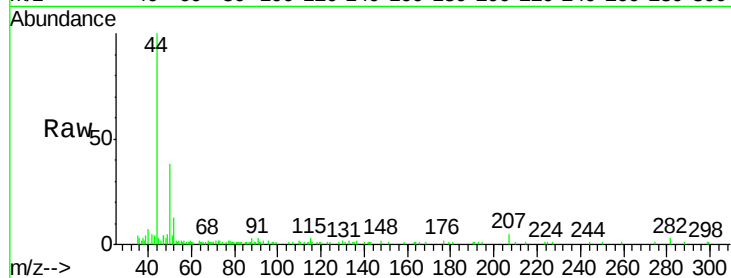
JLTX1

Tgt Ion: 50 Resp: 3352

Ion Ratio Lower Upper

50 100

52 34.1 22.5 41.9



#13

Acetone

Concen: 3.841 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017913.D

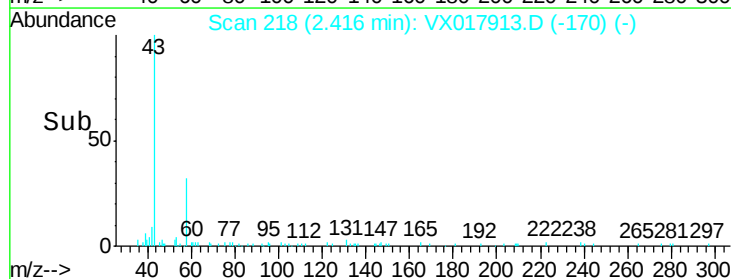
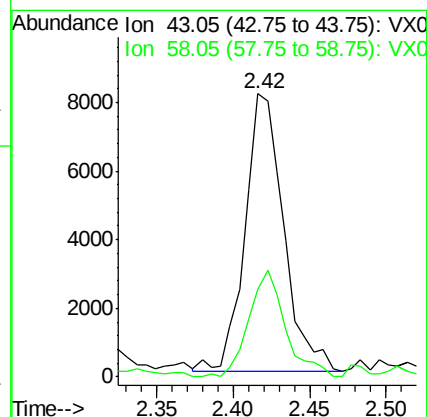
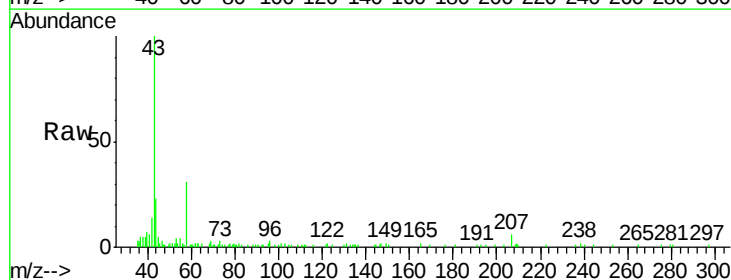
Acq: 14 Aug 2020 21:45

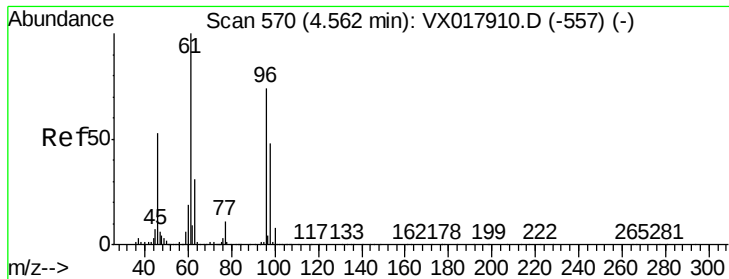
Tgt Ion: 43 Resp: 14300

Ion Ratio Lower Upper

43 100

58 36.0 0.0 60.8



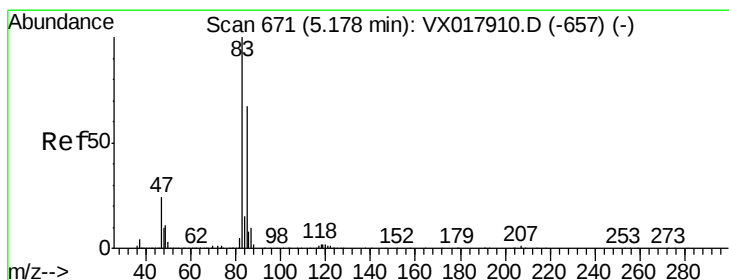
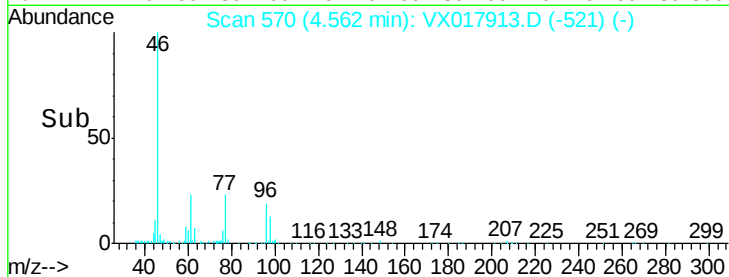
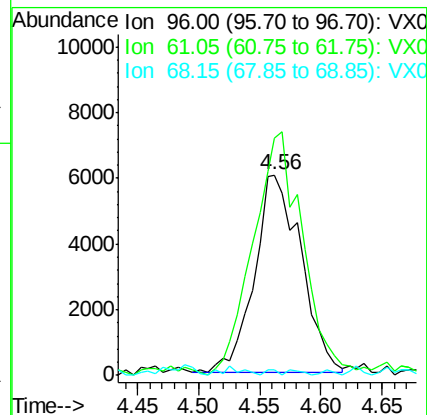
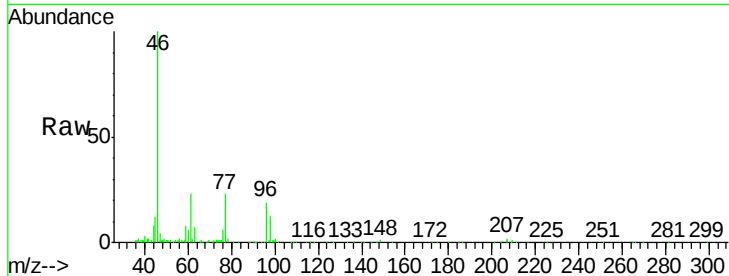


#22

cis-1,2-Dichloroethene
Concen: 0.636 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017913.D
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JLTX1

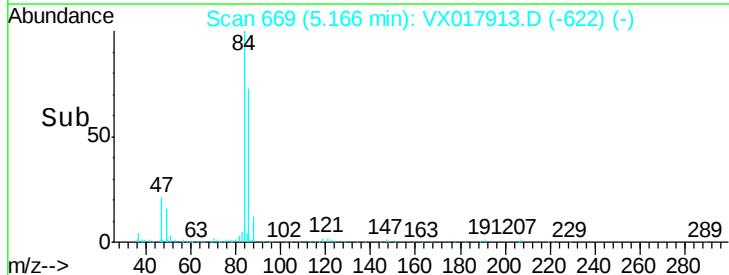
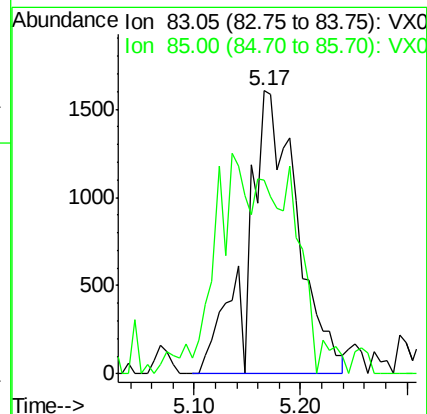
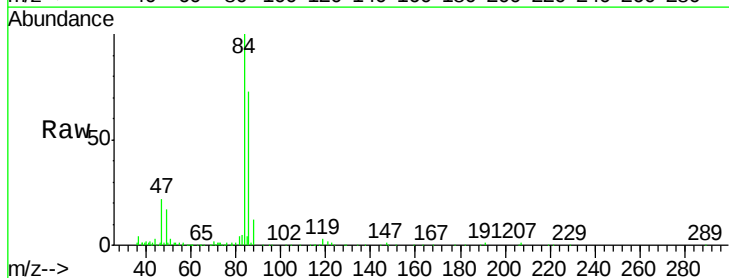
Tgt Ion: 96 Resp: 16122
Ion Ratio Lower Upper
96 100
61 118.8 88.8 165.0
68 3.1 0.2 0.4#

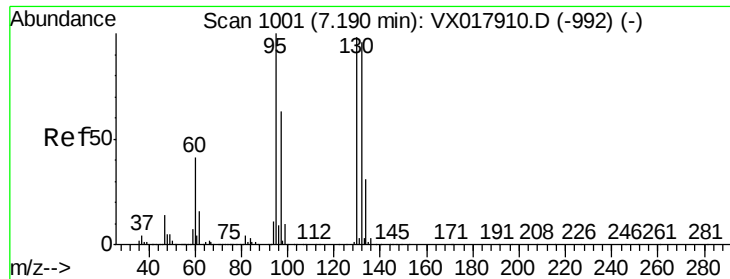


#25

Chloroform
Concen: 0.113 ug/L
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX017913.D
Acq: 14 Aug 2020 21:45

Tgt Ion: 83 Resp: 5223
Ion Ratio Lower Upper
83 100
85 68.4 44.7 83.1

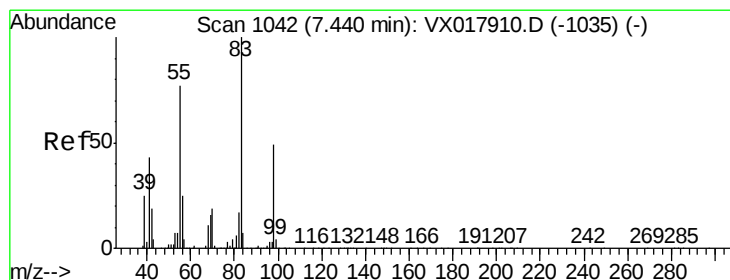
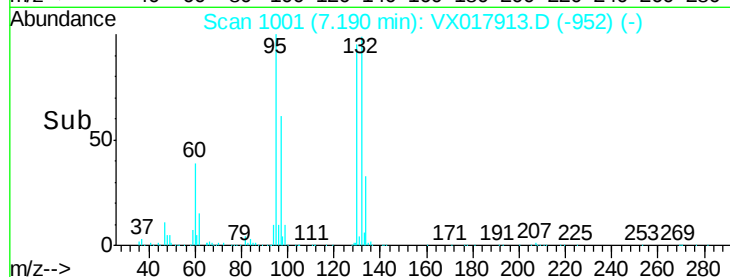
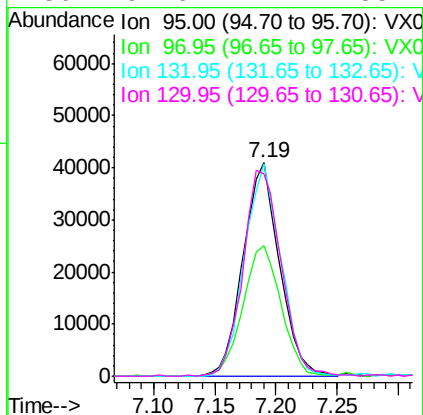
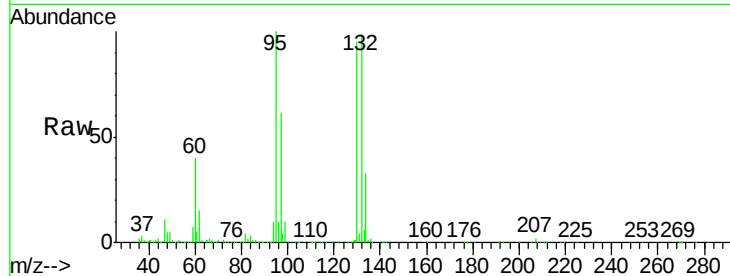




#34
 Trichloroethene
 Concen: 3.062 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017913.D
 Acq: 14 Aug 2020 21:45

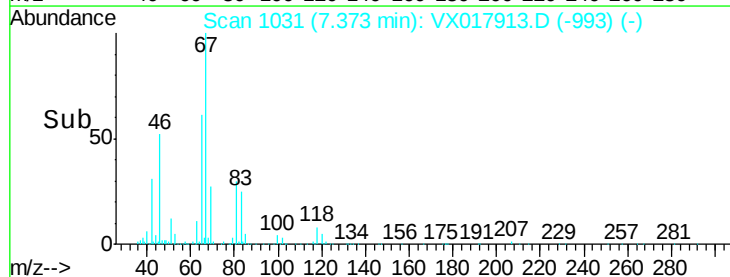
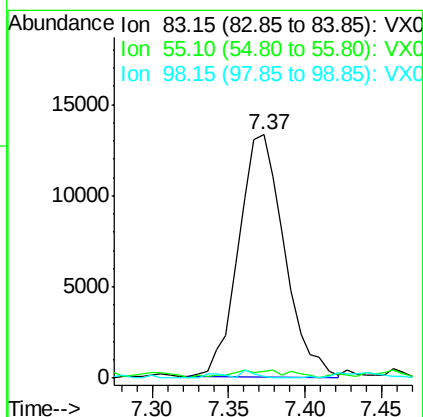
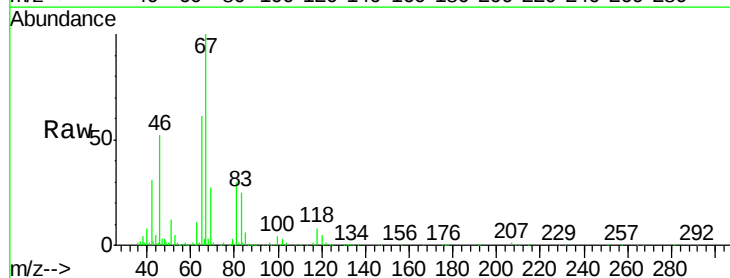
Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx1

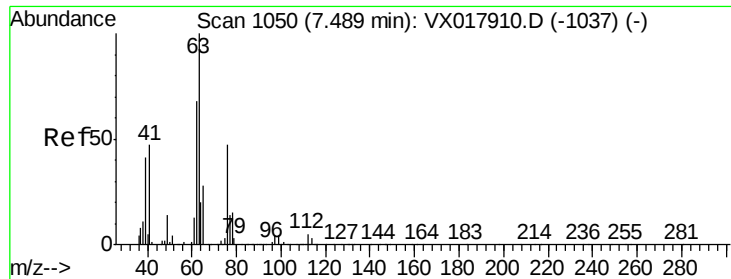
Tgt Ion:	95	Resp:	85193
Ion	Ratio	Lower	Upper
95	100		
97	61.3	46.1	85.5
132	99.3	66.0	122.6
130	94.6	71.7	133.1



#35
 Methylcyclohexane
 Concen: 0.707 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.07 min
 Lab File: VX017913.D
 Acq: 14 Aug 2020 21:45

Tgt Ion:	83	Resp:	27643
Ion	Ratio	Lower	Upper
83	100		
55	4.3	62.4	93.6#
98	1.0	38.0	57.0#

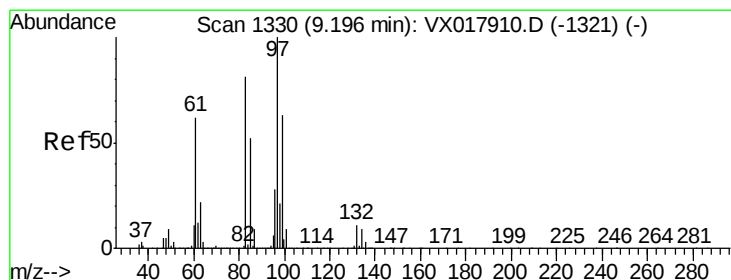
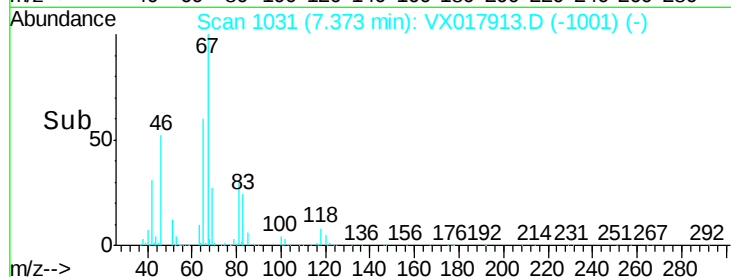
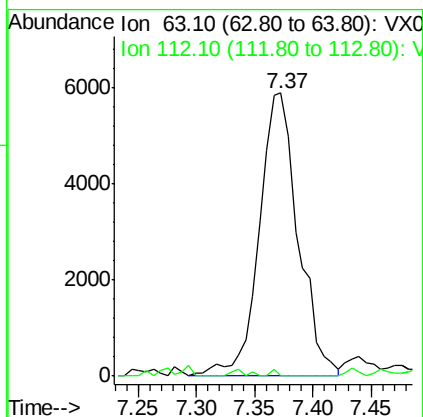
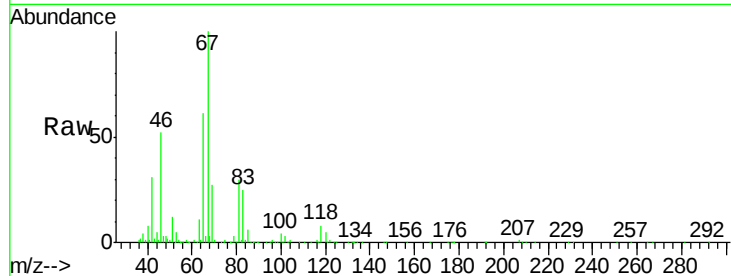




#37
 1,2-Dichloropropane
 Concen: 0.570 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VX017913.D
 Acq: 14 Aug 2020 21:45

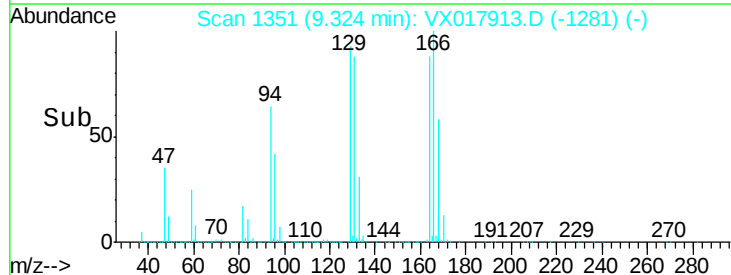
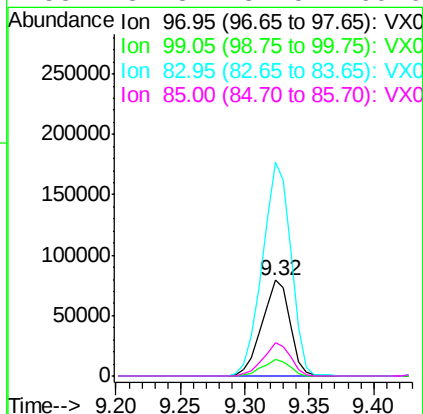
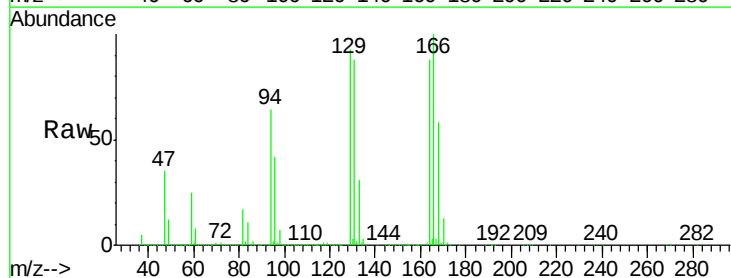
Instrument :
 MSVOA_X
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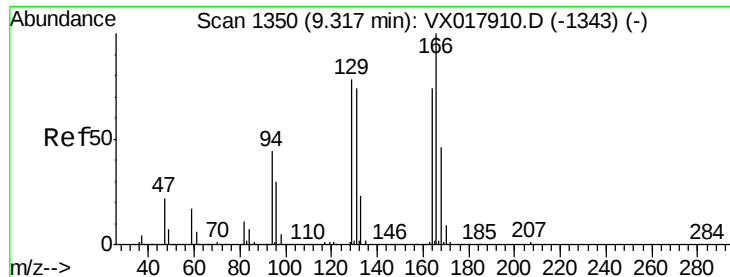
Tgt Ion: 63 Resp: 13663
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.6 5.4#



#47
 1,1,2-Trichloroethane
 Concen: 6.658 ug/L
 RT: 9.32 min Scan# 1351
 Delta R.T. 0.13 min
 Lab File: VX017913.D
 Acq: 14 Aug 2020 21:45

Tgt Ion: 97 Resp: 119712
 Ion Ratio Lower Upper
 97 100
 99 16.7 43.9 81.5#
 83 222.7 58.4 108.6#
 85 34.3 37.5 69.6#





#49

Tetrachloroethene

Concen: 574.467 ug/L

RT: 9.33 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VX017913.D

Acq: 14 Aug 2020 21:45

Instrument :

MSVOA_X

ClientSampleId :

JLTX1

Tgt Ion:164 Resp:12784565

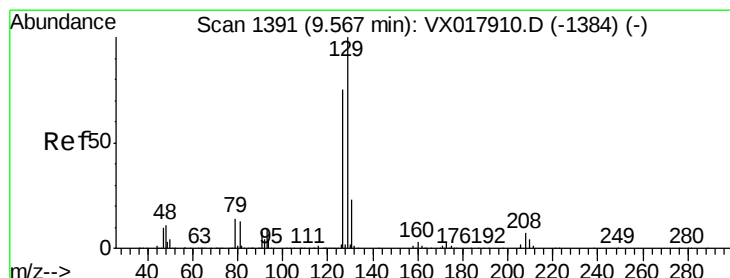
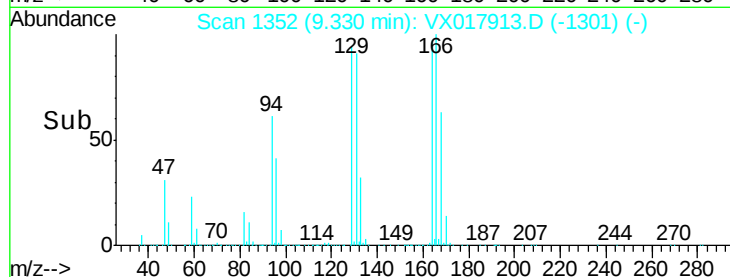
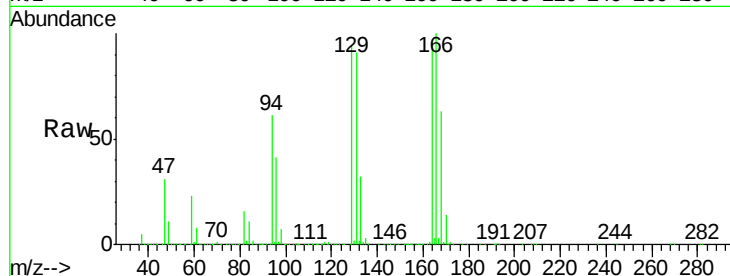
Ion Ratio Lower Upper

164 100

129 97.3 67.4 125.2

131 94.3 65.3 121.3

166 103.3 87.2 161.9



#51

Dibromochloromethane

Concen: 509.546 ug/L

RT: 9.33 min Scan# 1352

Delta R.T. -0.24 min

Lab File: VX017913.D

Acq: 14 Aug 2020 21:45

Tgt Ion:129 Resp:12621077

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#

