

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018691.D
 Acq On : 30 Sep 2020 11:45
 Operator : JC/SP
 Sample : L4135-13DL2 100X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:08:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	223722	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	219853	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	101693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45907	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.70	69	42112	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.34	63	88812	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.56	46	159071	53.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.58%
24) Chloroform-d	5.14	84	129854	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	6.03	65	75788	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	6.05	84	227431	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	7.37	67	71120	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	8.70	98	200292	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
45) trans-1,3-Dichloropropene-	8.99	79	29588	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
48) 2-Hexanone-d5	9.43	63	122069	49.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.12%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	59196	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	79835	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

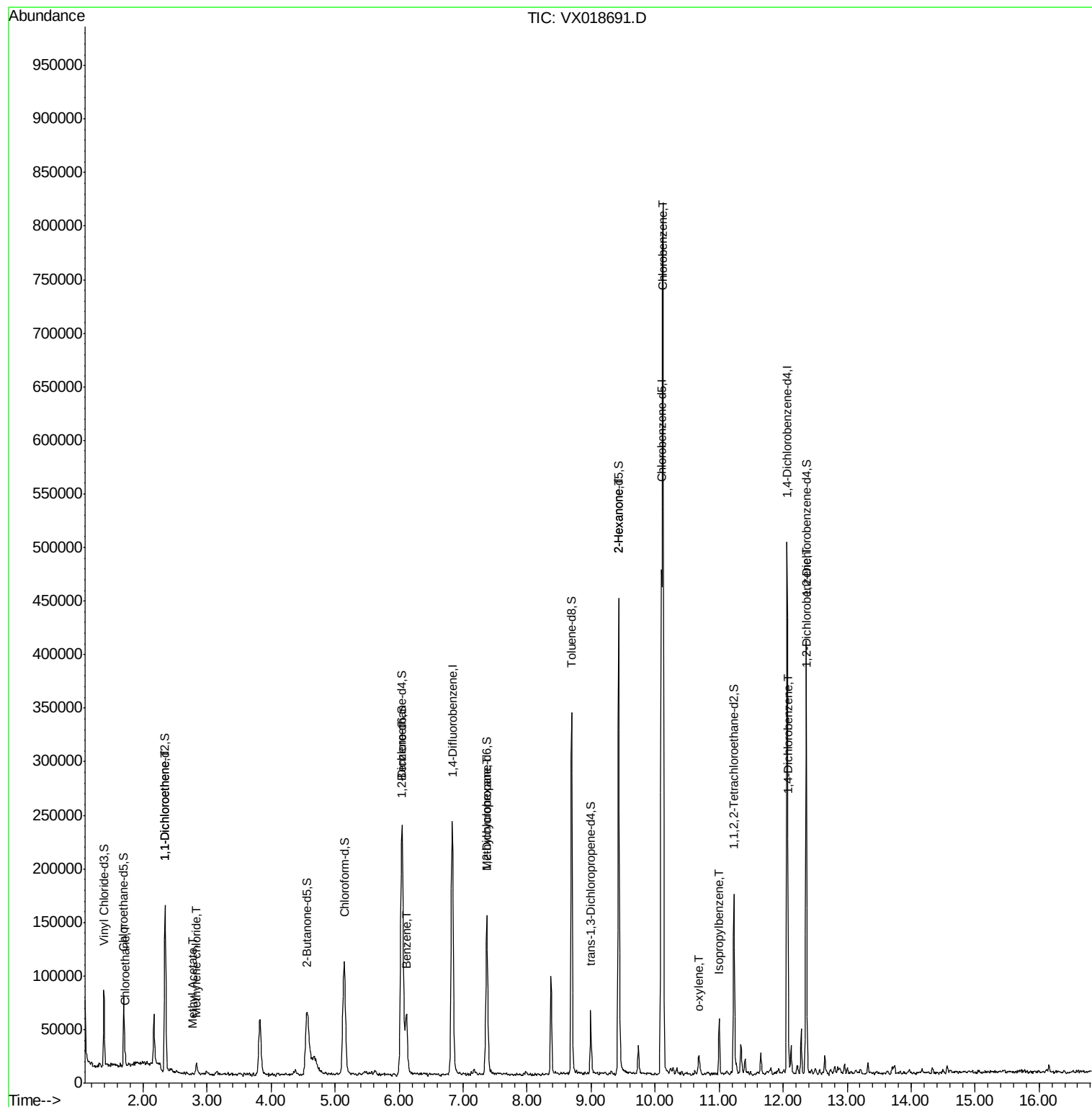
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.72	64	3765	0.565	ug/L	97
12) 1,1-Dichloroethene	2.35	96	1446	0.132	ug/L #	1
15) Methyl Acetate	2.76	43	479	0.105	ug/L	94
16) Methylene chloride	2.84	84	4356	0.292	ug/L	81
33) Benzene	6.11	78	66326	1.565	ug/L	100
35) Methylcyclohexane	7.37	83	18849	1.105	ug/L #	16
50) 2-Hexanone	9.43	43	17215	3.880	ug/L #	68
53) Chlorobenzene	10.12	112	349119	11.543	ug/L	98
56) o-xylene	10.68	106	3325	0.185	ug/L	76
58) Isopropylbenzene	11.00	105	23481	0.486	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	3772	0.169	ug/L	90
66) 1,2-Dichlorobenzene	12.37	146	2251	0.109	ug/L #	76

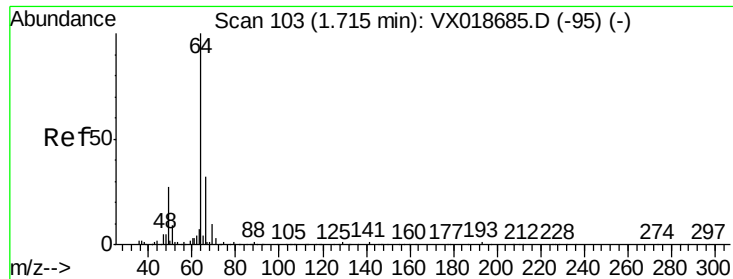
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

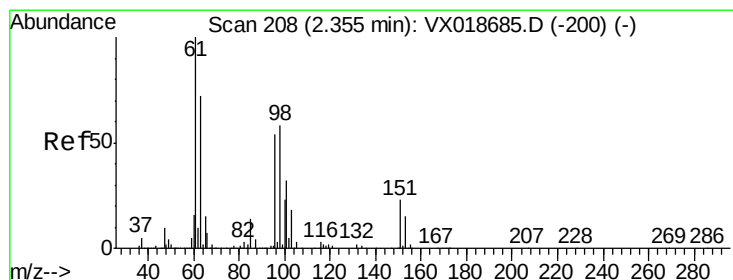
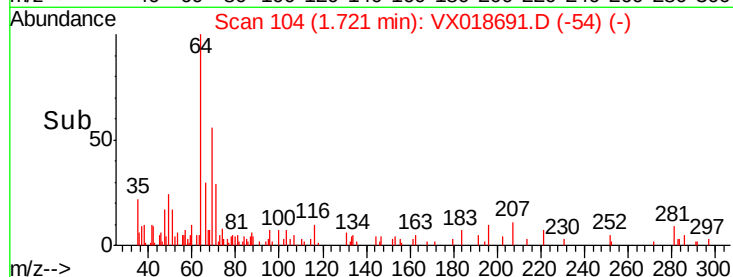
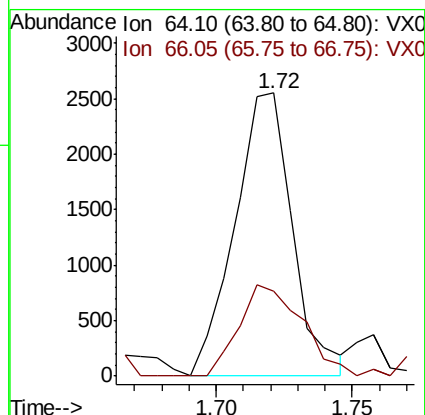
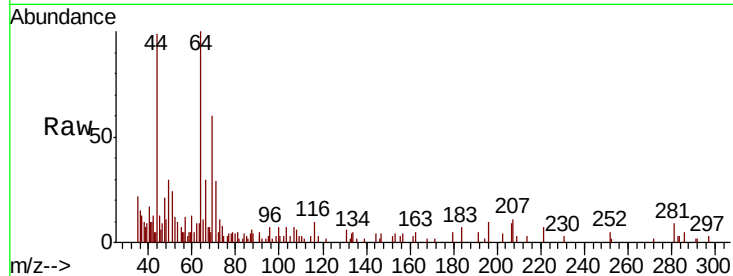




#8
Chloroethane
Concen: 0.565 ug/L
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX018691.D
Acq: 30 Sep 2020 11:45

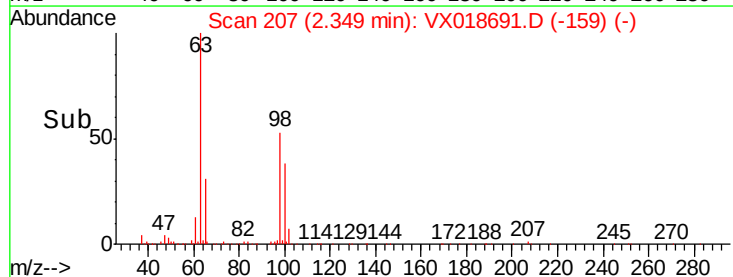
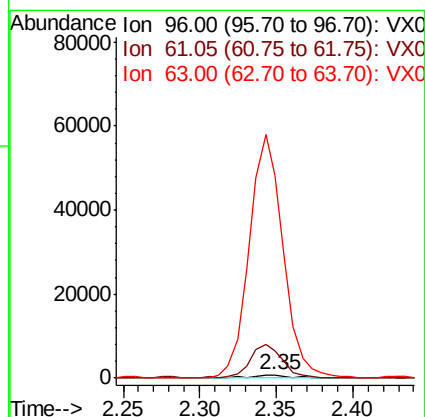
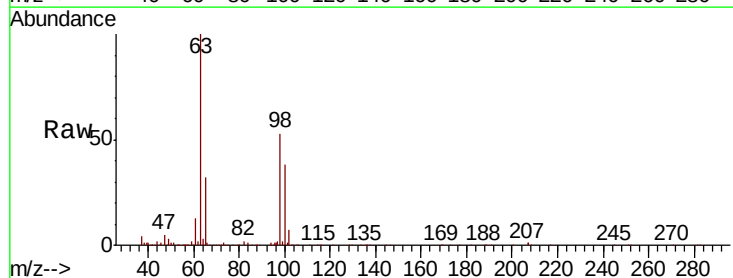
Instrument :
MSVOA_X
ClientSampled :

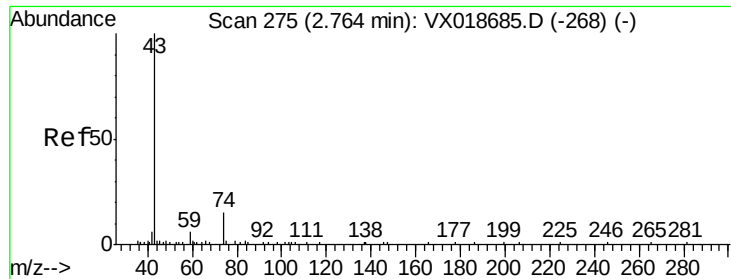
Tot Ion: 64 Resp: 3765
Ion Ratio Lower Upper
64 100
66 30.1 22.3 41.3



#12
1,1-Dichloroethene
Concen: 0.132 ug/L
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018691.D
Acq: 30 Sep 2020 11:45

Tgt Ion: 96 Resp: 1446
Ion Ratio Lower Upper
96 100
61 755.8 123.8 229.8#
63 5642.1 104.7 194.4#

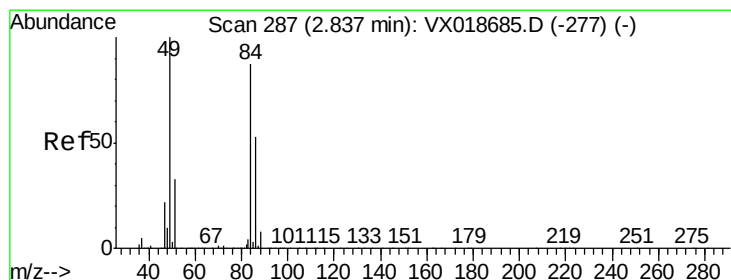
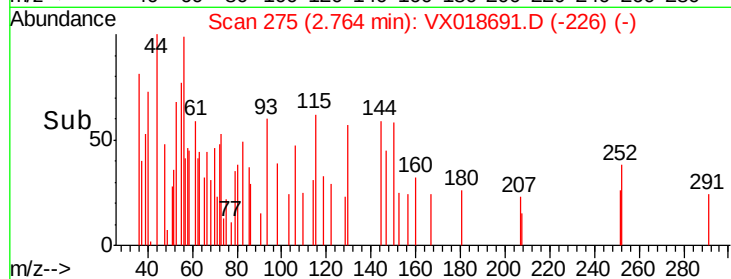
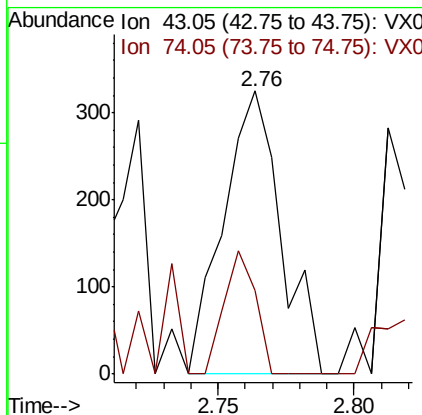
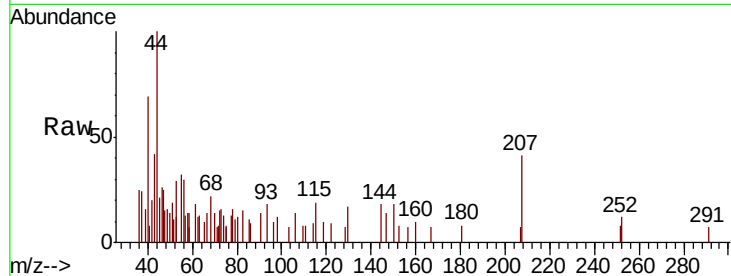




#15
Methyl Acetate
Concen: 0.105 ug/L
RT: 2.76 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX018691.D
Acq: 30 Sep 2020 11:45

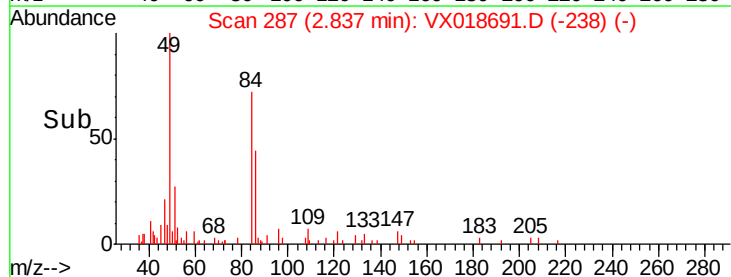
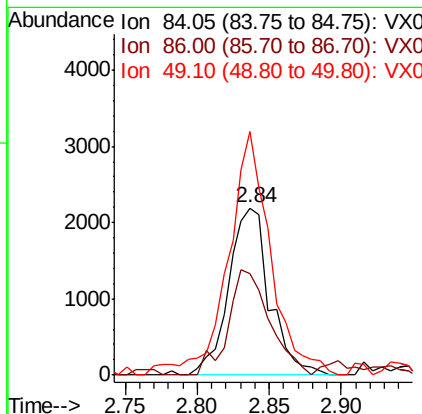
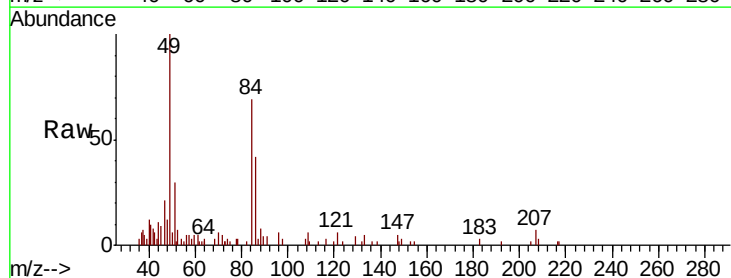
Instrument :
MSVOA_X
ClientSampleId :

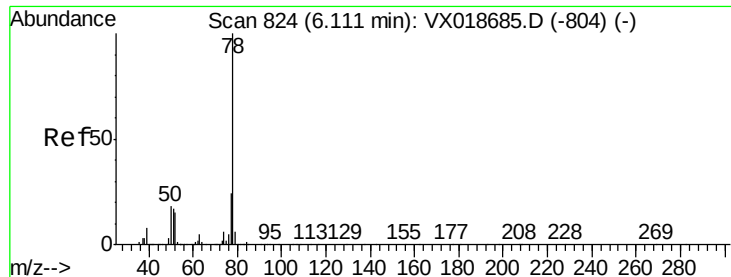
Tot Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
74 23.6 21.2 31.8



#16
Methylene chloride
Concen: 0.292 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018691.D
Acq: 30 Sep 2020 11:45

Tgt Ion: 84 Resp: 4356
Ion Ratio Lower Upper
84 100
86 60.6 41.9 77.7
49 145.5 80.8 150.2





#33

Benzene

Concen: 1.565 ug/L

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018691.D

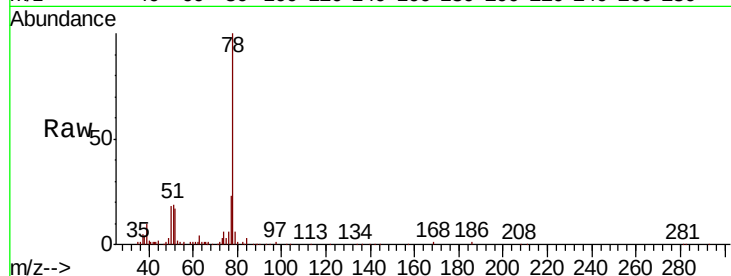
Acq: 30 Sep 2020 11:45

Instrument :

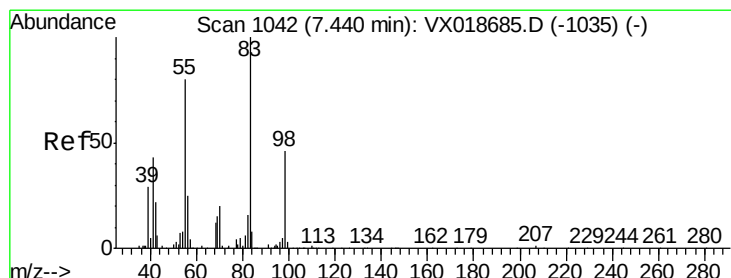
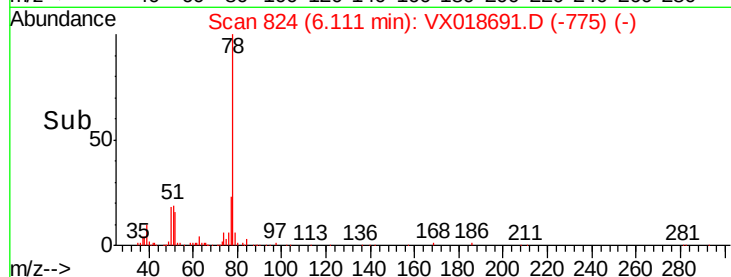
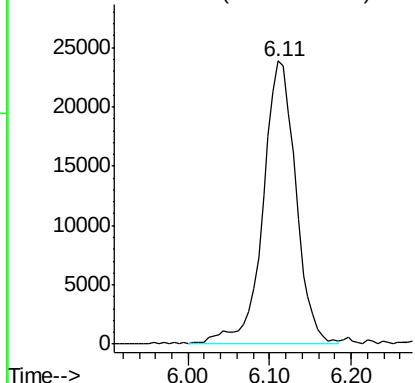
MSVOA_X

ClientSampled :

Tgt Ion: 78 Resp: 66326



Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 1.105 ug/L

RT: 7.37 min Scan# 1031

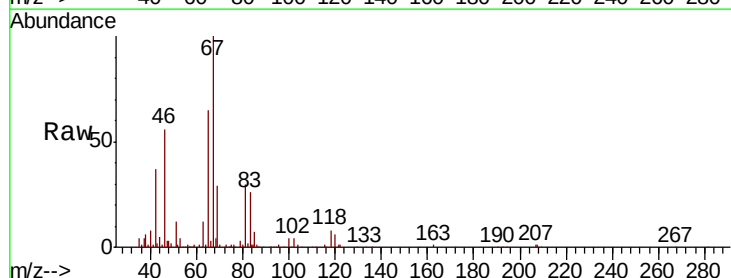
Delta R.T. -0.07 min

Lab File: VX018691.D

Acq: 30 Sep 2020 11:45

Tgt Ion: 83 Resp: 18849

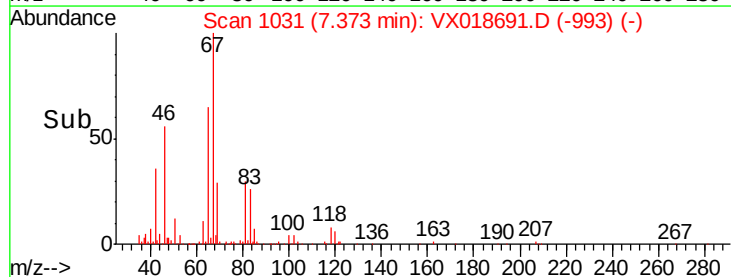
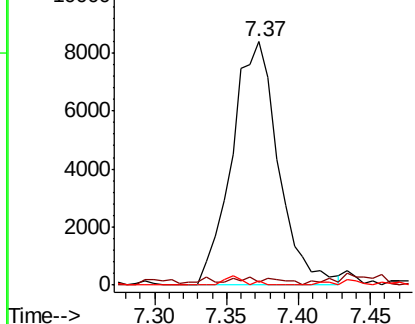
Ion	Ratio	Lower	Upper
83	100		
55	0.7	67.4	101.0#
98	1.7	41.1	61.7#

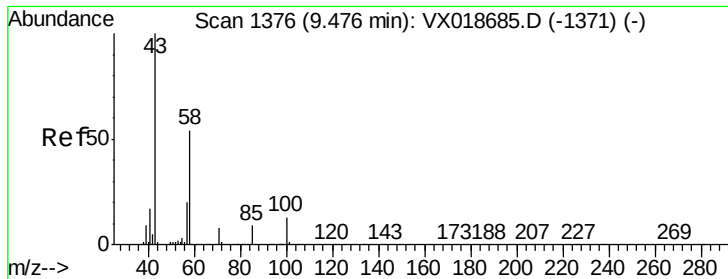


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

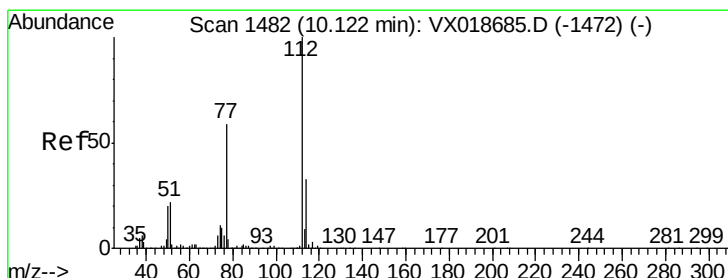
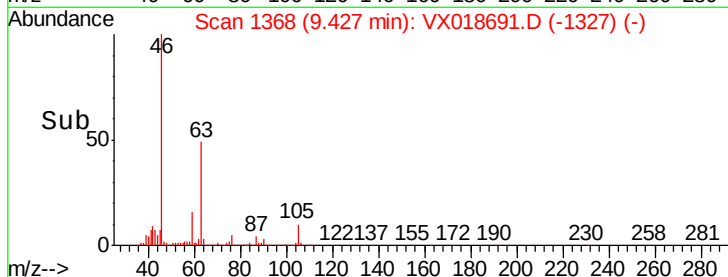
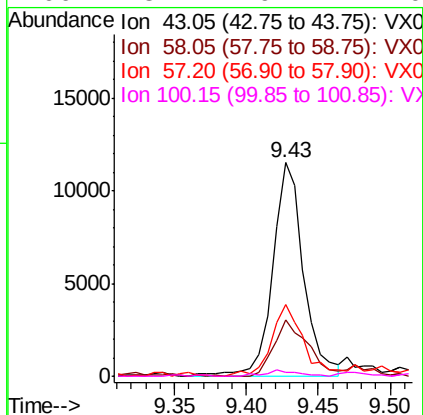
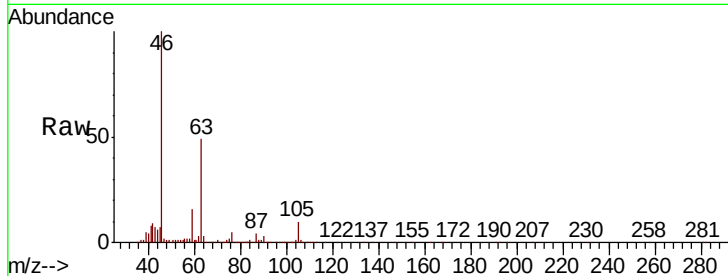




#50
2-Hexanone
Concen: 3.880 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018691.D
Acq: 30 Sep 2020 11:45

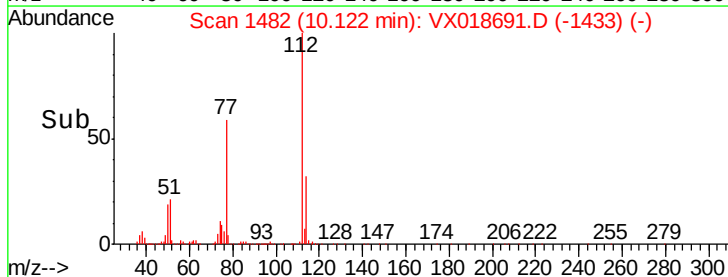
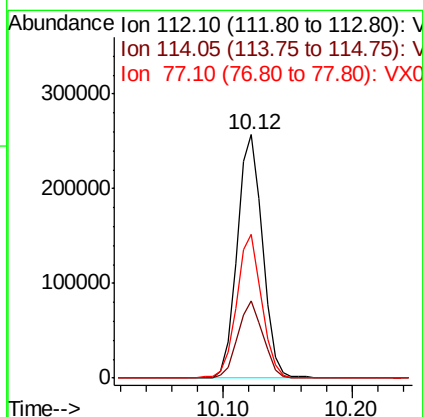
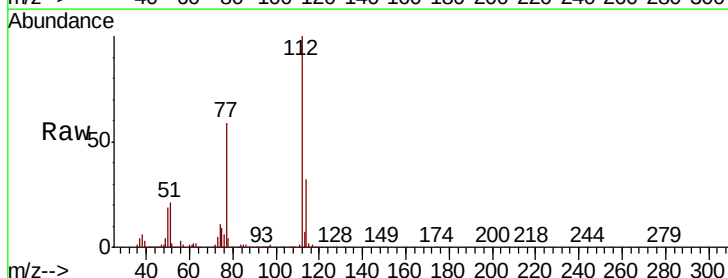
Instrument :
MSVOA_X
ClientSampleId :

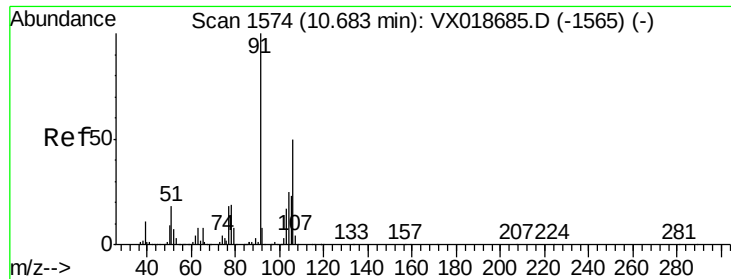
Tot Ion: 43 Resp: 17215
Ion Ratio Lower Upper
43 100
58 29.0 42.5 63.7#
57 35.2 15.9 23.9#
100 3.1 9.4 14.0#



#53
Chlorobenzene
Concen: 11.543 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018691.D
Acq: 30 Sep 2020 11:45

Tgt Ion: 112 Resp: 349119
Ion Ratio Lower Upper
112 100
114 31.5 20.6 38.4
77 59.3 46.6 69.8





#56

o-xylene

Concen: 0.185 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018691.D

Acq: 30 Sep 2020 11:45

Instrument :

MSVOA_X

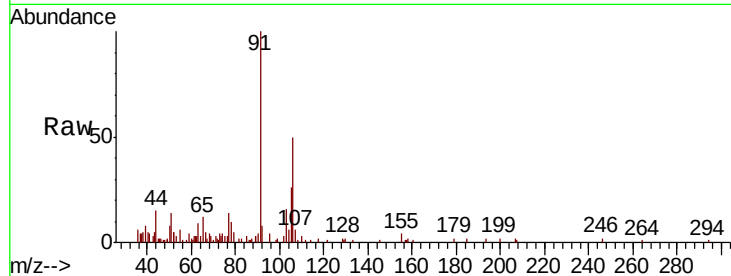
ClientSampleId :

Tot Ion:106 Resp: 3325

Ion Ratio Lower Upper

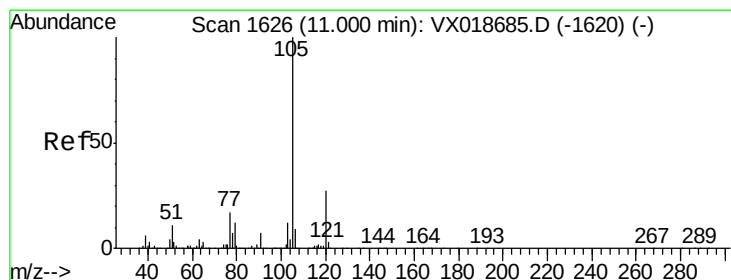
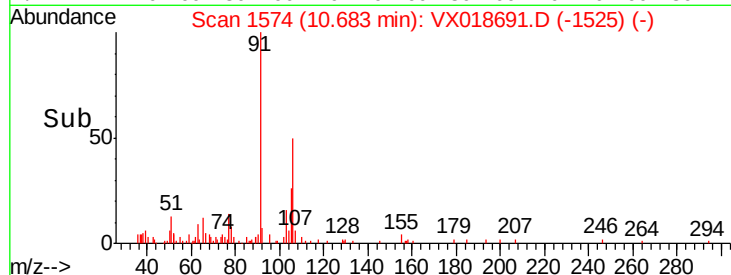
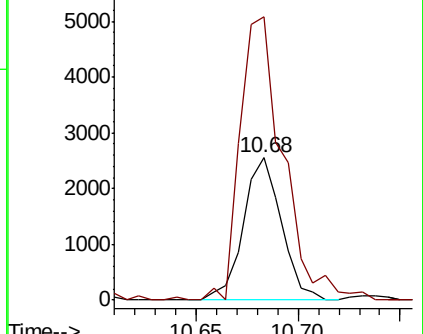
106 100

91 199.1 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#58

Isopropylbenzene

Concen: 0.486 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018691.D

Acq: 30 Sep 2020 11:45

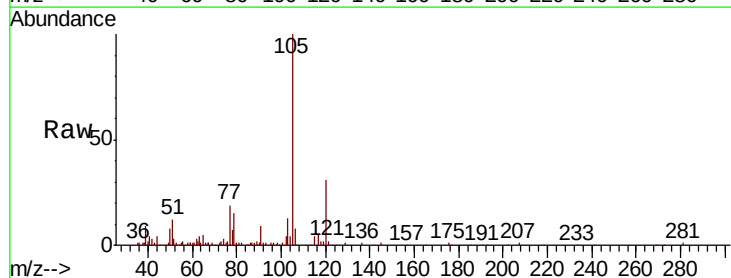
Tgt Ion:105 Resp: 23481

Ion Ratio Lower Upper

105 100

120 26.9 21.2 31.8

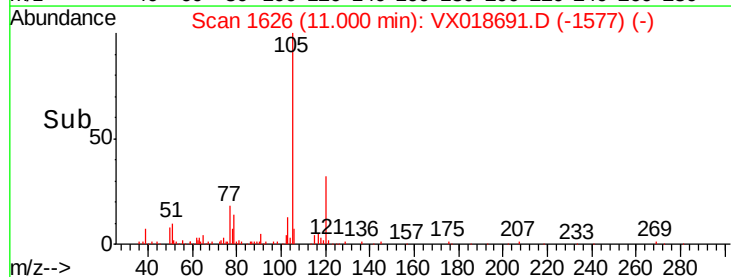
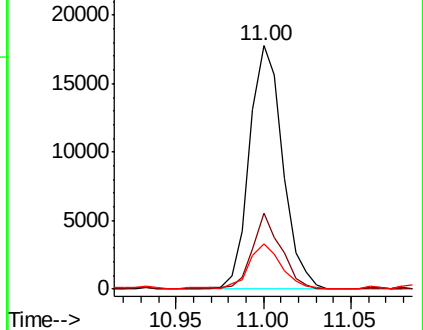
77 19.0 13.3 19.9

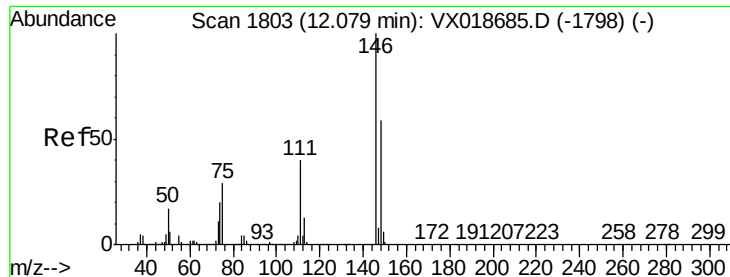


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0





#64

1,4-Dichlorobenzene

Concen: 0.169 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018691.D

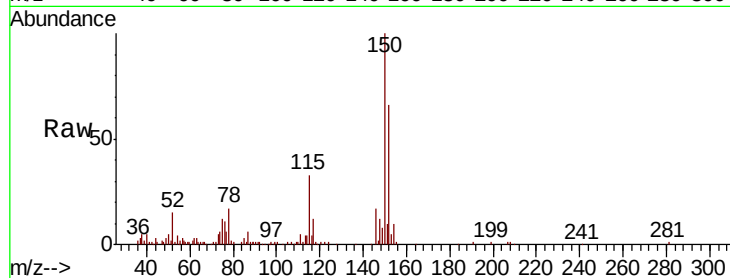
Acq: 30 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

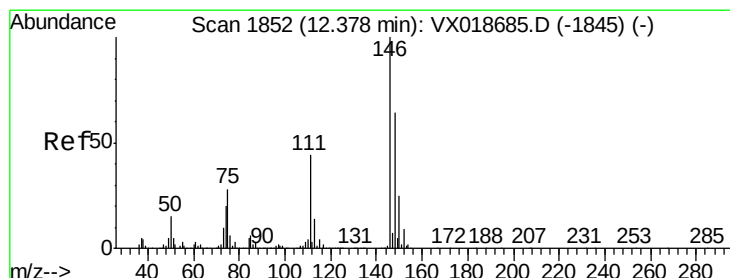
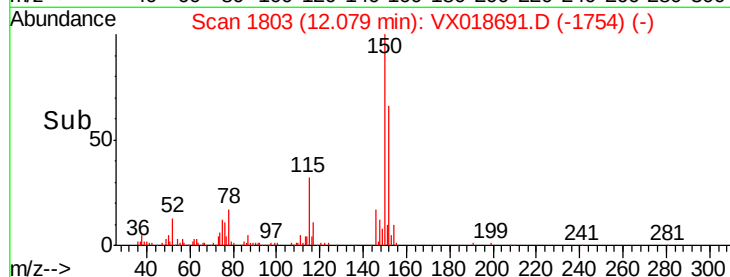
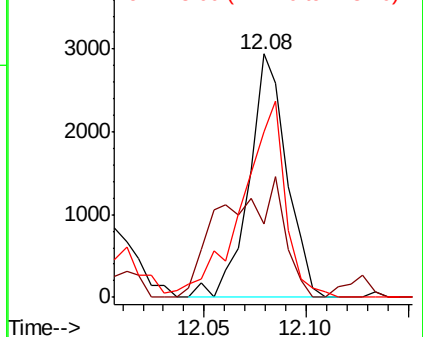
Tot Ion:146	Resp:	3772
Ion	Ratio	Lower Upper
146	100	
111	30.2	28.8 53.4
148	68.1	44.9 83.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dichlorobenzene

Concen: 0.109 ug/L

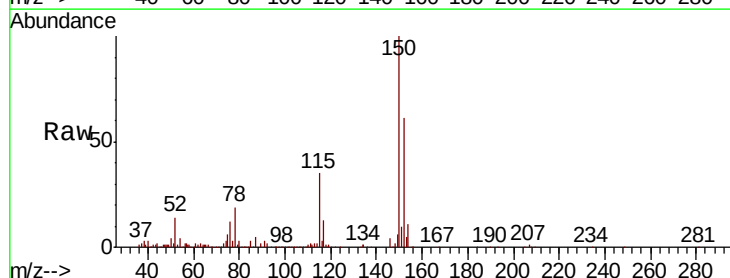
RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018691.D

Acq: 30 Sep 2020 11:45

Tgt Ion:146	Resp:	2251
Ion	Ratio	Lower Upper
146	100	
111	60.1	33.6 50.4#
148	50.2	53.4 80.2#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

